

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112818\
 Data File : VN052531.D
 Acq On : 28 Nov 2018 20:21
 Operator : MD\SY
 Sample : VN1128MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 27 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128MBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/29/2018 9:34:42 AM

Quant Time: Nov 29 02:29:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1138408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1758515	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1537268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	683026	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	589632	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
35) Dibromofluoromethane	7.59	113	542709	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
50) Toluene-d8	10.09	98	2089798	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.40	95	703348	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	196267	18.413	ug/l	97
3) Chloromethane	2.06	50	246173	17.496	ug/l	100
4) Vinyl Chloride	2.19	62	264769	18.318	ug/l	99
5) Bromomethane	2.58	94	123025	13.642	ug/l	99
6) Chloroethane	2.71	64	161398	18.435	ug/l	99
7) Trichlorofluoromethane	3.03	101	346076	19.492	ug/l	99
8) Diethyl Ether	3.41	74	126017	19.220	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.77	101	214988	19.406	ug/l	99
10) Methyl Iodide	3.96	142	237328	16.084	ug/l	99
11) Tert butyl alcohol	4.78	59	52497	84.599	ug/l #	73
12) 1,1-Dichloroethene	3.74	96	206990	19.410	ug/l	99
13) Acrolein	3.61	56	77310	94.991	ug/l	98
14) Allyl chloride	4.33	41	342115	18.614	ug/l	98
15) Acrylonitrile	4.99	53	340988	86.808	ug/l	99
16) Acetone	3.82	43	233419	71.396	ug/l	98
17) Carbon Disulfide	4.06	76	585861	17.458	ug/l	100
18) Methyl Acetate	4.33	43	163922	17.479	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	556700	19.621	ug/l	99
20) Methylene Chloride	4.55	84	233256	18.232	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	221996	19.492	ug/l	97
22) Diisopropyl ether	5.95	45	729013	18.883	ug/l	96
23) Vinyl Acetate	5.90	43	2201671	91.561	ug/l	99
24) 1,1-Dichloroethane	5.85	63	419840	19.047	ug/l	98
25) 2-Butanone	6.84	43	368944	79.617	ug/l	95
26) 2,2-Dichloropropane	6.83	77	261464	17.137	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	256671	19.347	ug/l	97
28) Bromochloromethane	7.19	49	186315	18.506	ug/l	94
29) Tetrahydrofuran	7.21	42	247421	82.780	ug/l	97
30) Chloroform	7.37	83	416797	18.952	ug/l	99
31) Cyclohexane	7.66	56	407356	18.866	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	341300	19.587	ug/l	98
36) 1,1-Dichloropropene	7.79	75	319714	19.253	ug/l	98
37) Ethyl Acetate	6.93	43	172604	17.031	ug/l	98
38) Carbon Tetrachloride	7.77	117	289316	19.245	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	388534	19.249	ug/l	98
40) Benzene	8.04	78	963971	19.478	ug/l	99
41) Methacrylonitrile	7.17	41	97695	17.632	ug/l	95
42) 1,2-Dichloroethane	8.13	62	288283	19.238	ug/l	99
43) Isopropyl Acetate	8.16	43	325507	18.979	ug/l	98
44) Trichloroethene	8.84	130	252306	19.903	ug/l	97
45) 1,2-Dichloropropane	9.12	63	253513	19.268	ug/l	99
46) Dibromomethane	9.21	93	142164	19.518	ug/l	98
47) Bromodichloromethane	9.40	83	302472	19.100	ug/l	100
48) Methyl methacrylate	9.20	41	160765	17.977	ug/l	99
49) 1,4-Dioxane	9.20	88	32873	354.188	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	846281	87.945	ug/l	99
52) Toluene	10.16	92	599768	20.398	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	285440	18.736	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	346846	18.998	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	201490	19.481	ug/l	98
56) Ethyl methacrylate	10.43	69	246108	18.906	ug/l	100
57) 1,3-Dichloropropane	10.71	76	345698	18.929	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	685124	91.288	ug/l	98
59) 2-Hexanone	10.75	43	542659	84.024	ug/l	99
60) Dibromochloromethane	10.90	129	214352	19.082	ug/l	98
61) 1,2-Dibromoethane	11.01	107	195759	19.056	ug/l	99
64) Tetrachloroethene	10.63	164	238193	19.984	ug/l	99
65) Chlorobenzene	11.43	112	640099	20.193	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	217354	19.721	ug/l	100
67) Ethyl Benzene	11.51	91	1115618	20.098	ug/l	100
68) m/p-Xylenes	11.62	106	852799	41.268	ug/l	99
69) o-Xylene	11.95	106	417209	20.791	ug/l	99
70) Styrene	11.96	104	652588	20.417	ug/l	100
71) Bromoform	12.13	173	133777	18.331	ug/l #	100
73) Isopropylbenzene	12.25	105	1097763	20.485	ug/l	99
74) N-amyl acetate	12.07	43	256148	18.920	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	226416	18.574	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	191927m	18.222	ug/l	
77) Bromobenzene	12.53	156	273149	20.622	ug/l	95
78) n-propylbenzene	12.59	91	1234654	20.281	ug/l	99
79) 2-Chlorotoluene	12.68	91	727773	20.075	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	891932	20.870	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	52426	16.622	ug/l	98
82) 4-Chlorotoluene	12.77	91	734198	20.095	ug/l	99
83) tert-Butylbenzene	12.99	119	785234	20.609	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	900084	21.015	ug/l	100
85) sec-Butylbenzene	13.17	105	1048338	20.201	ug/l	99
86) p-Isopropyltoluene	13.29	119	900190	20.366	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	466151	20.120	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	454417	19.912	ug/l	98
89) n-Butylbenzene	13.62	91	737136	20.053	ug/l	99
90) Hexachloroethane	13.88	117	139220	18.602	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	451587	20.401	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31718	18.193	ug/l	97

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QLast Update : Wed Nov 28 01:11:38 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	222563	20.145	ug/l	100
94) Hexachlorobutadiene	15.01	225	139923	19.649	ug/l	99
95) Naphthalene	15.13	128	448148	19.661	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	203382	19.974	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

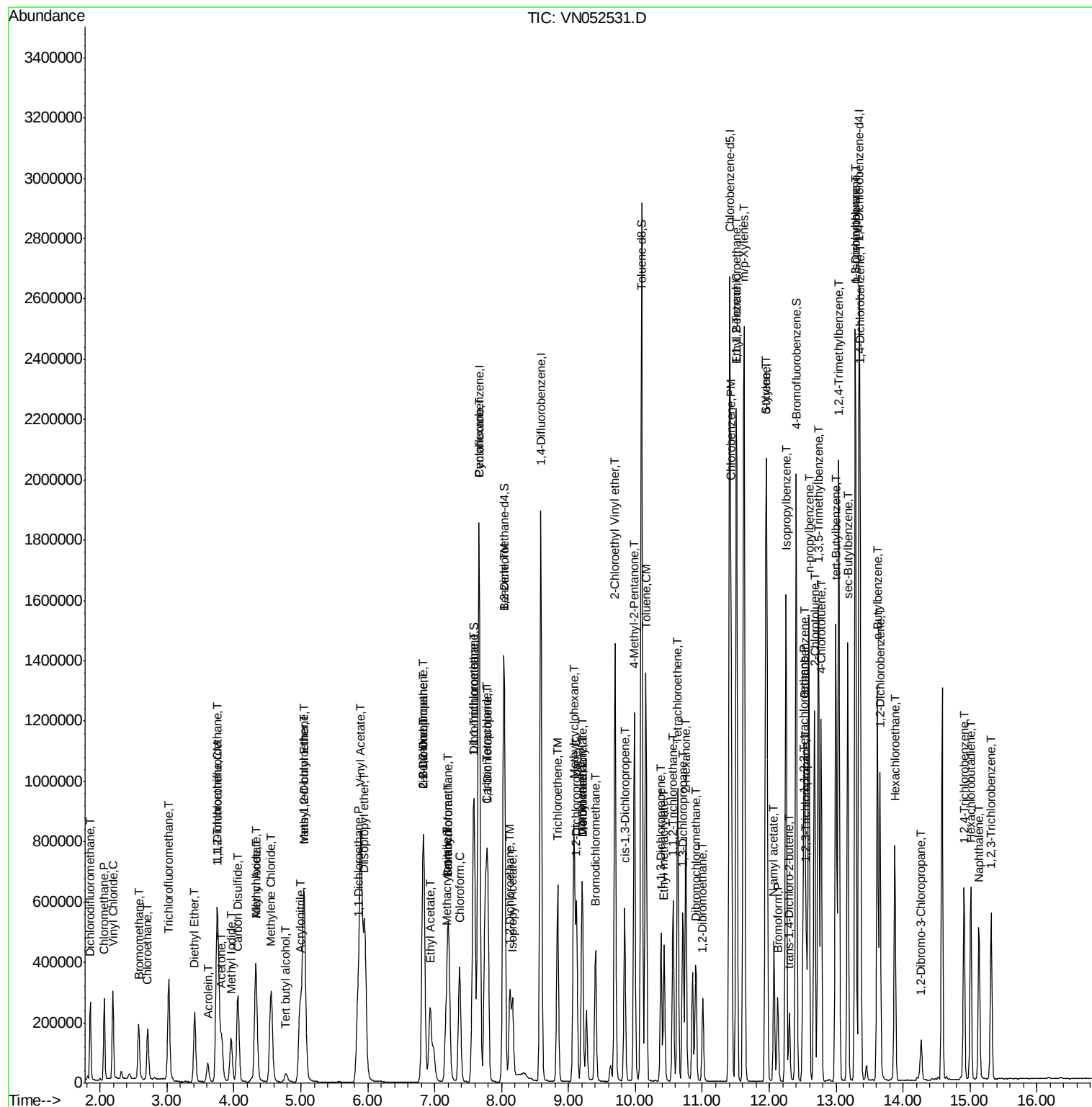
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 Data File : VN052531.D
 Acq On : 28 Nov 2018 20:21
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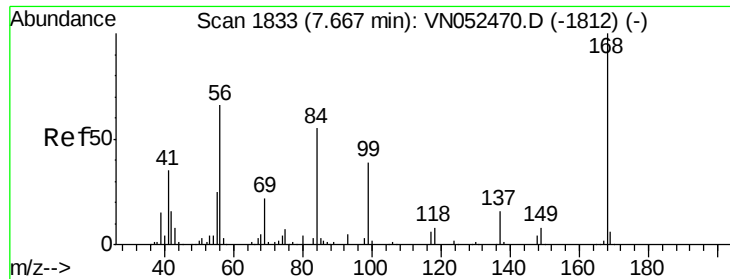
Instrument :
 MSVOA_N
 Client Sample Id :
 VN1128MBS01

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052531.D

Acq: 28 Nov 2018 20:21

Instrument :

MSVOA_N

ClientSampleId :

VN1128MBSD01

Tgt Ion:168 Resp: 1138408

Ion Ratio Lower Upper

168 100

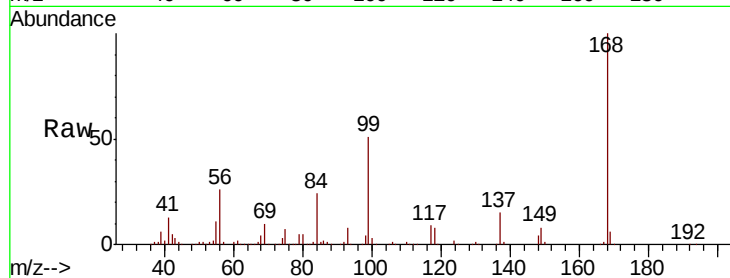
99 50.6 41.7 62.5

Manual Integrations

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11/29/2018 9:34:42 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

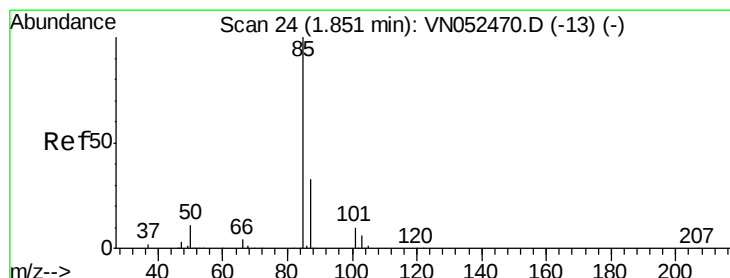
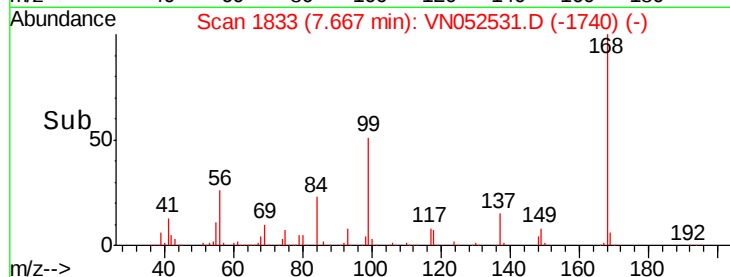
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.413 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN052531.D

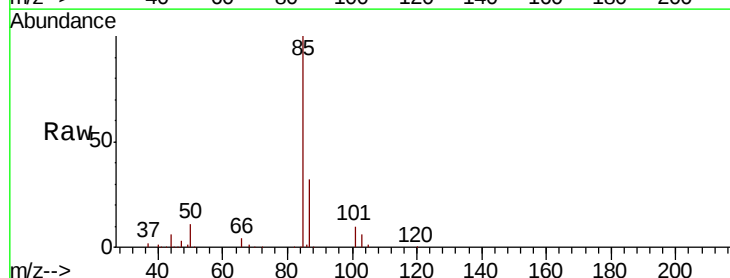
Acq: 28 Nov 2018 20:21

Tgt Ion: 85 Resp: 196267

Ion Ratio Lower Upper

85 100

87 31.5 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

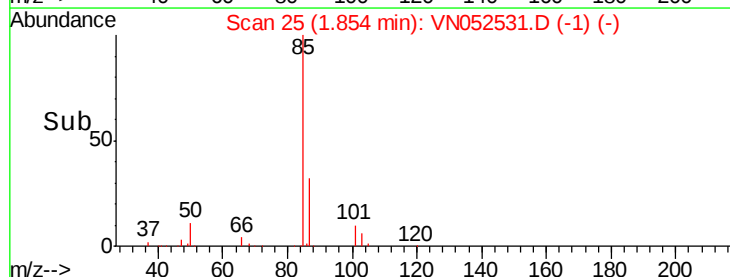
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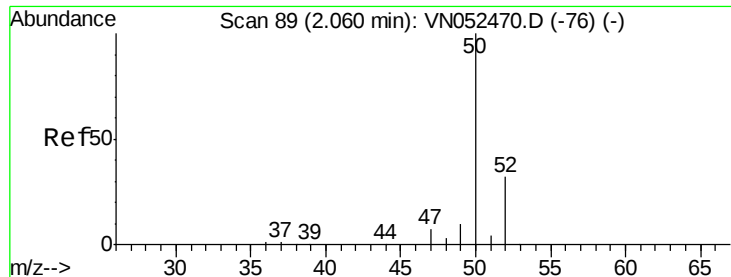
100000

50000

0

Time-->





#3

Chloromethane

Concen: 17.496 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052531.D

Acq: 28 Nov 2018 20:21

Instrument :

MSVOA_N

ClientSampleId :

VN1128MBSD01

Tgt Ion: 50 Resp: 246173

Ion Ratio Lower Upper

50 100

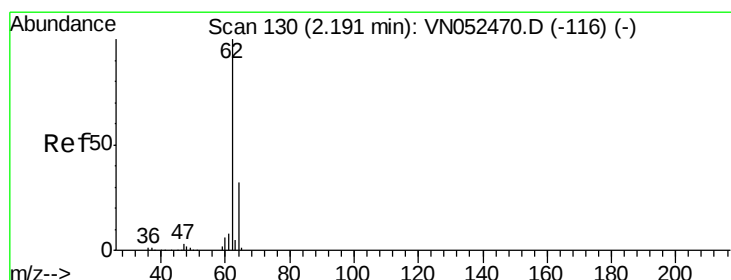
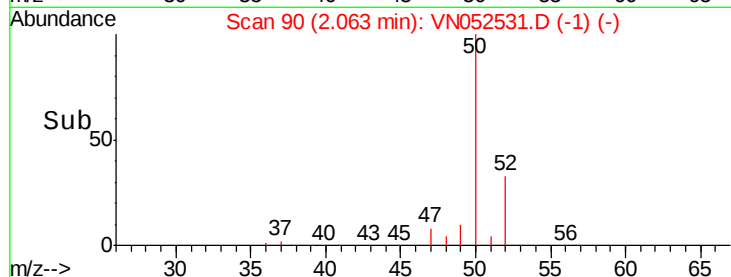
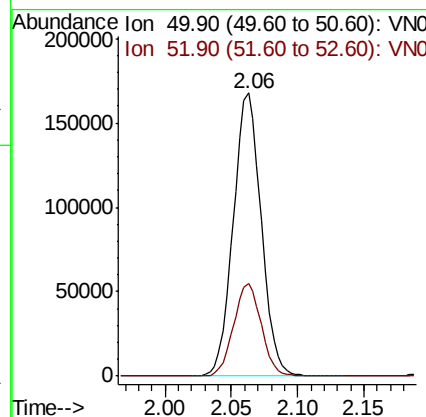
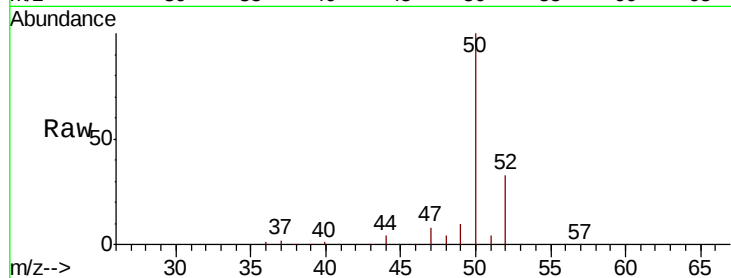
52 32.6 25.9 38.9

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11/29/2018 9:34:42 AM



#4

Vinyl Chloride

Concen: 18.318 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN052531.D

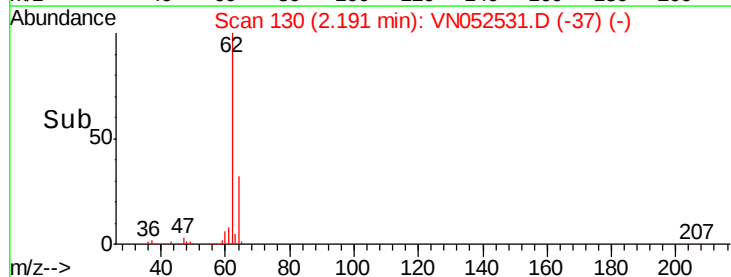
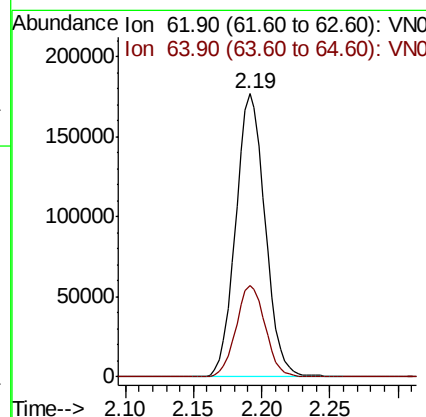
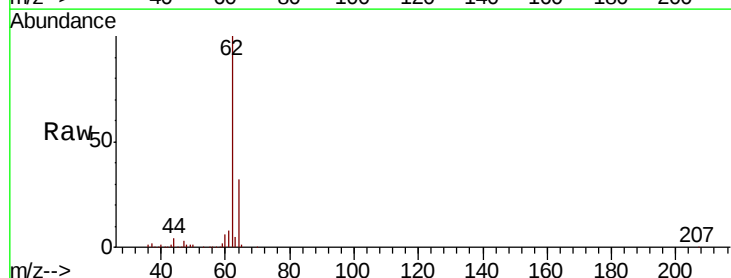
Acq: 28 Nov 2018 20:21

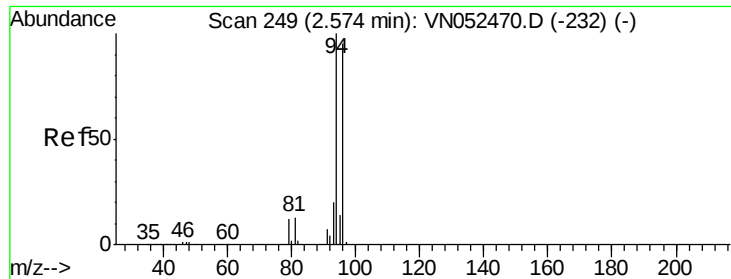
Tgt Ion: 62 Resp: 264769

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.2





#5

Bromomethane

Concen: 13.642 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

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Tgt Ion: 94 Resp: 123025

Ion Ratio Lower Upper

94 100

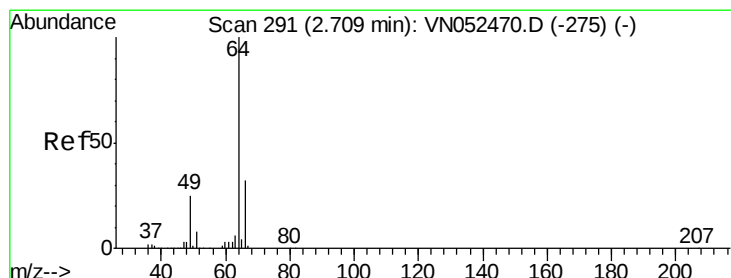
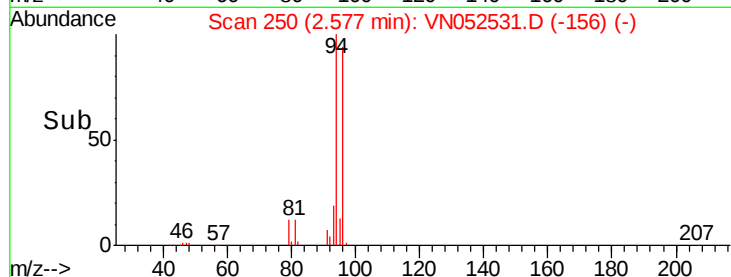
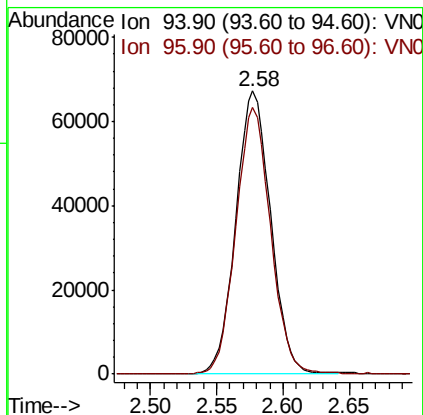
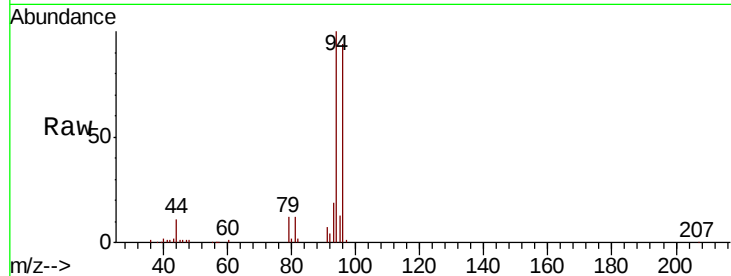
96 94.1 75.8 113.8

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11/29/2018 9:34:42 AM



#6

Chloroethane

Concen: 18.435 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052531.D

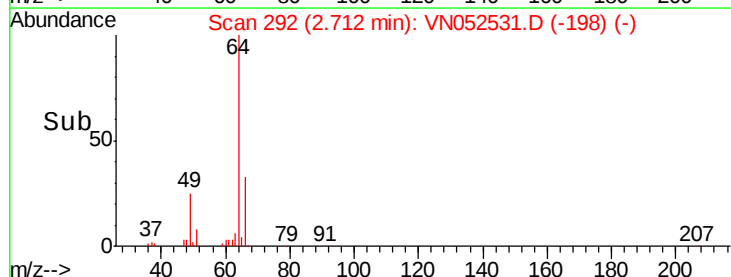
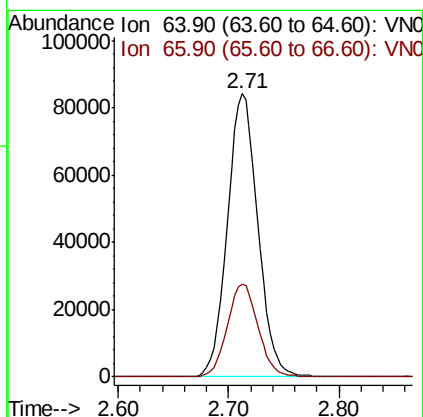
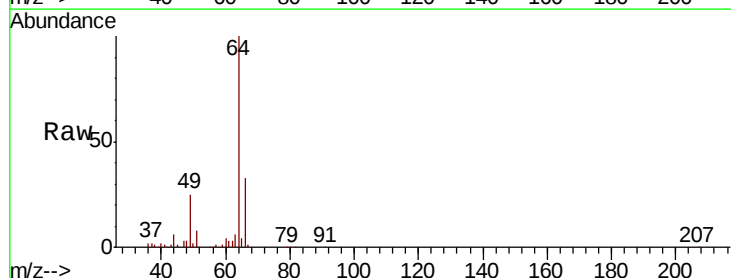
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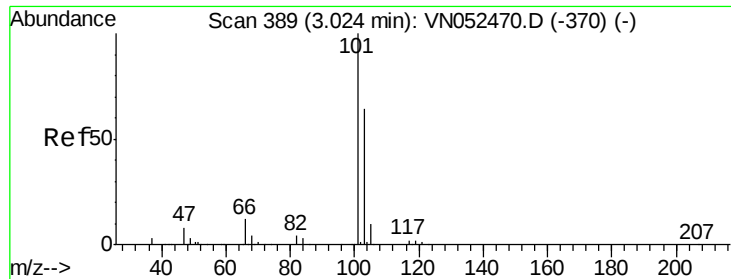
Tgt Ion: 64 Resp: 161398

Ion Ratio Lower Upper

64 100

66 32.7 25.7 38.5





#7

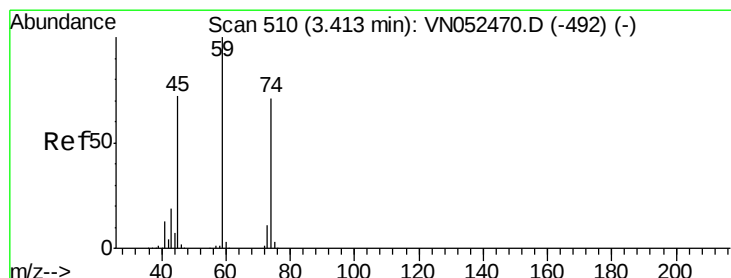
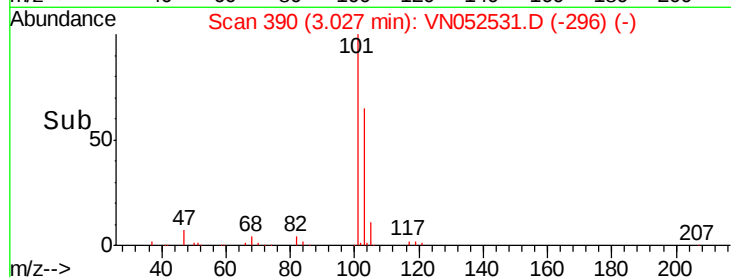
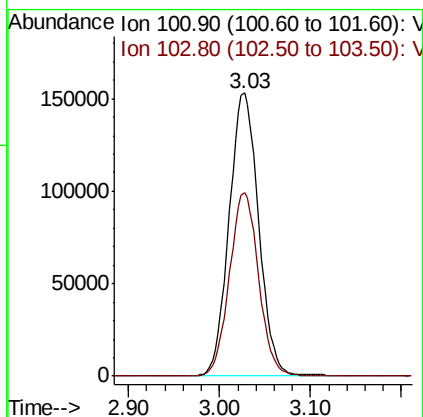
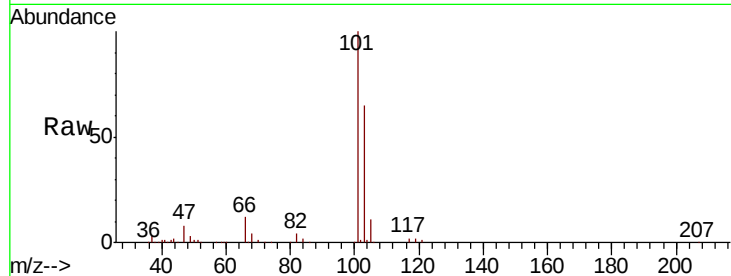
Trichlorofluoromethane
Concen: 19.492 ug/l
RT: 3.03 min Scan# 390
Delta R.T. 0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Instrument :
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ClientSampleId :
VN1128MBSD01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.4	77.2

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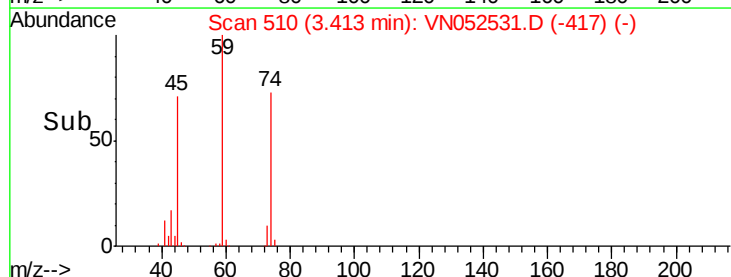
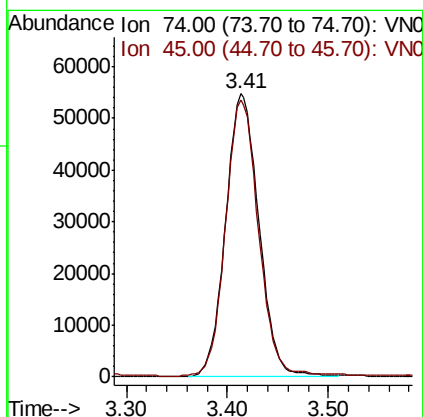
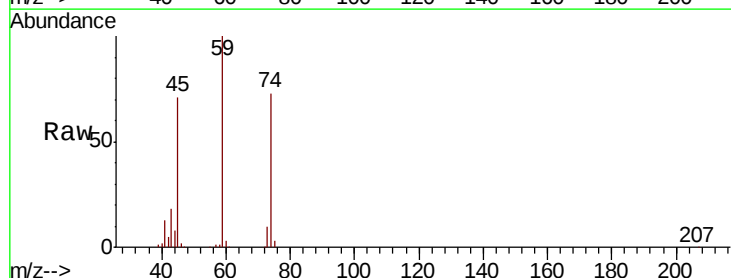
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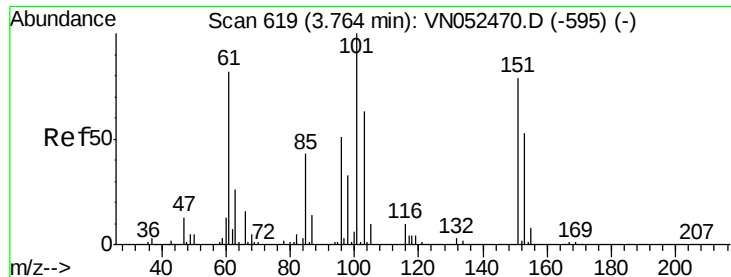


#8

Diethyl Ether
Concen: 19.220 ug/l
RT: 3.41 min Scan# 510
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	50.4	151.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.406 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN052531.D

Acq: 28 Nov 2018 20:21

Instrument :

MSVOA_N

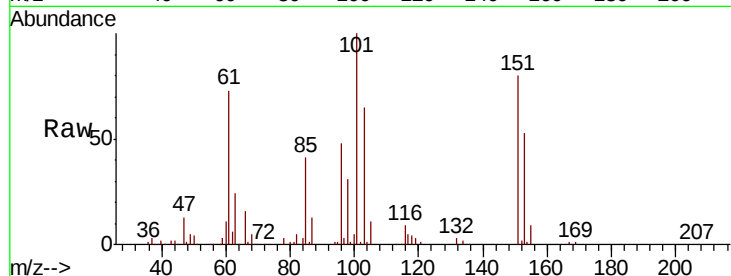
ClientSampleId :

VN1128MBSD01

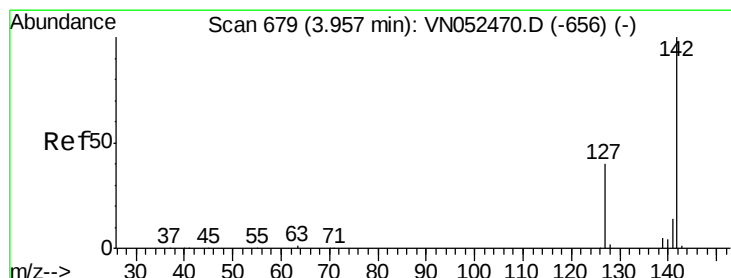
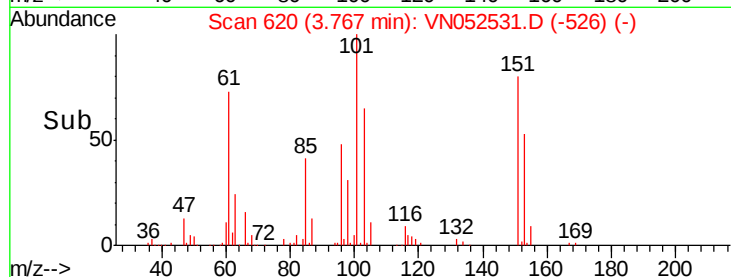
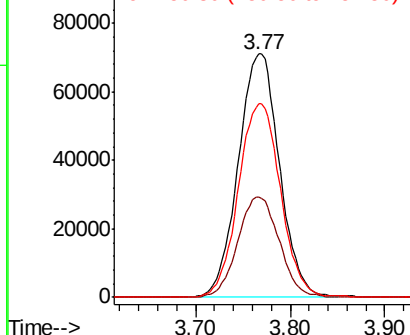
Tgt Ion:	101	Resp:	214988
Ion Ratio	Lower	Upper	
101	100		
85	41.3	34.2	51.4
151	81.2	64.6	96.8

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.084 ug/l

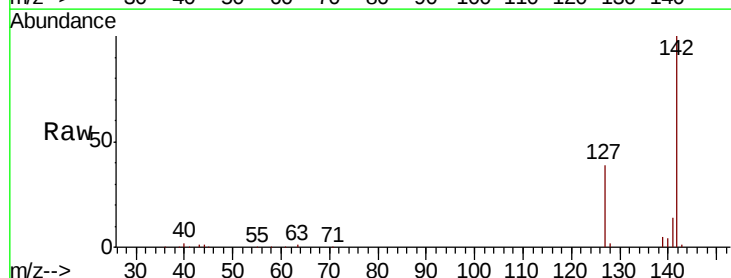
RT: 3.96 min Scan# 680

Delta R.T. 0.00 min

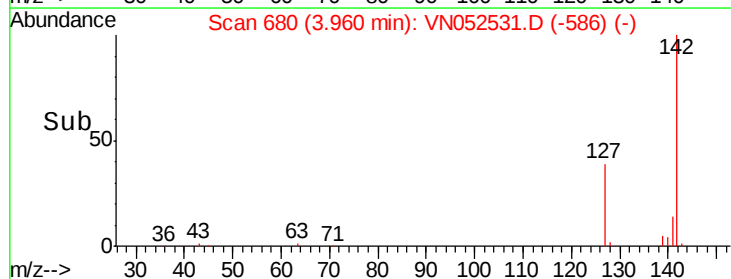
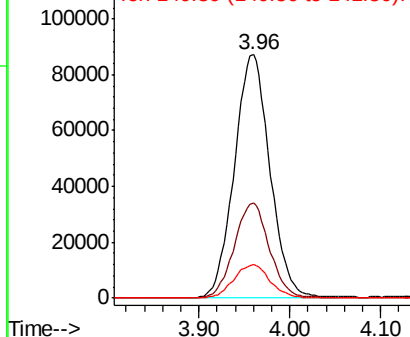
Lab File: VN052531.D

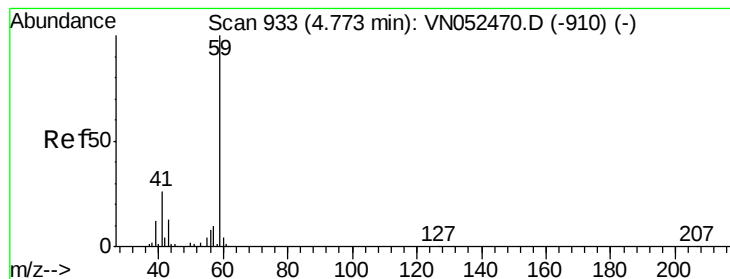
Acq: 28 Nov 2018 20:21

Tgt Ion:	142	Resp:	237328
Ion Ratio	Lower	Upper	
142	100		
127	38.7	31.8	47.6
141	14.0	11.4	17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

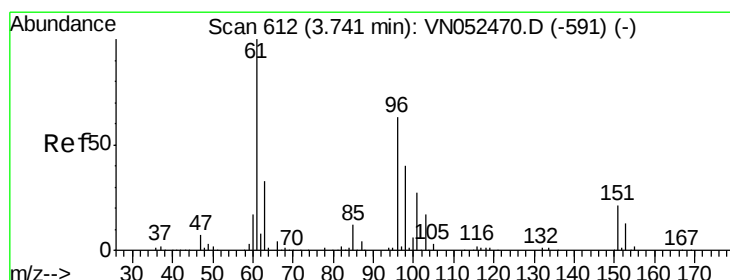
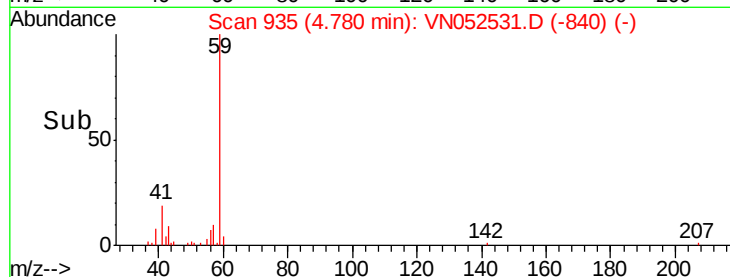
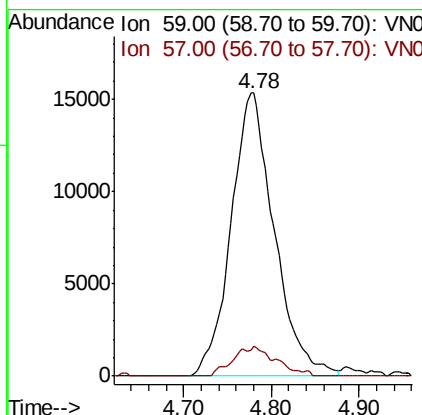
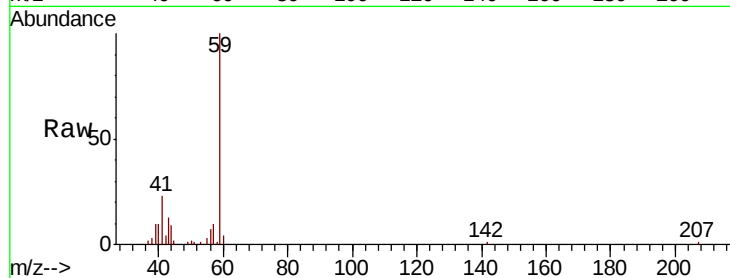
Tert butyl alcohol
Concen: 84.599 ug/l
RT: 4.78 min Scan# 935
Delta R.T. 0.01 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#

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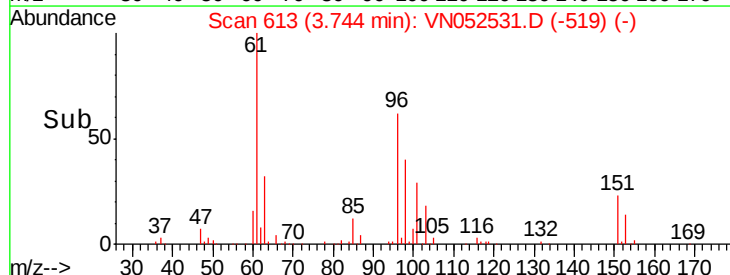
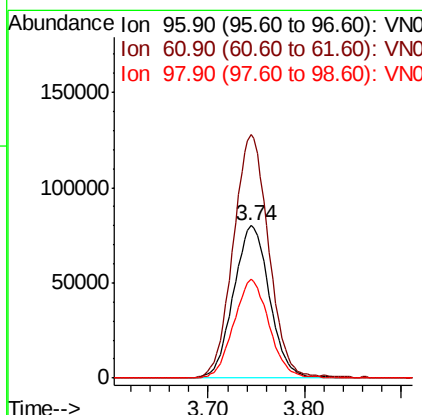
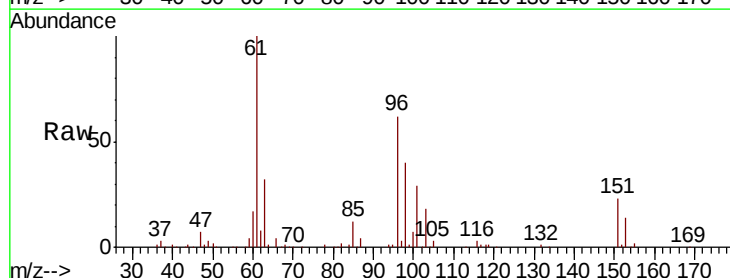
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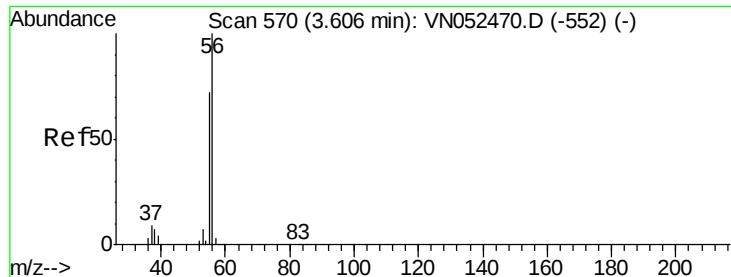


#12

1,1-Dichloroethene
Concen: 19.410 ug/l
RT: 3.74 min Scan# 613
Delta R.T. 0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.1	127.0	190.6
98	64.7	50.3	75.5





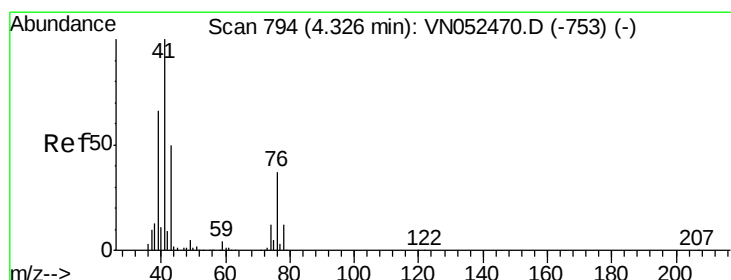
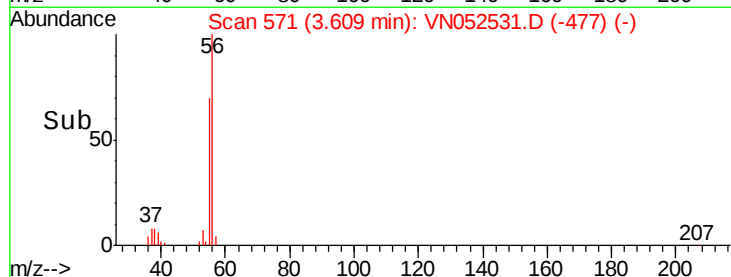
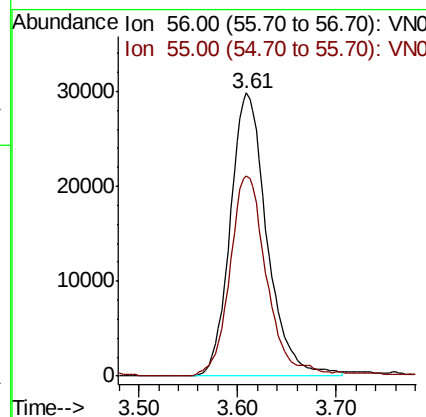
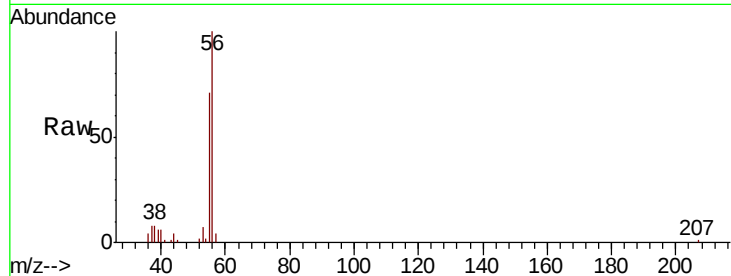
#13
 Acrolein
 Concen: 94.991 ug/l
 RT: 3.61 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128MBSD01

Tgt Ion: 56 Resp: 77310
 Ion Ratio Lower Upper
 56 100
 55 69.1 56.8 85.2

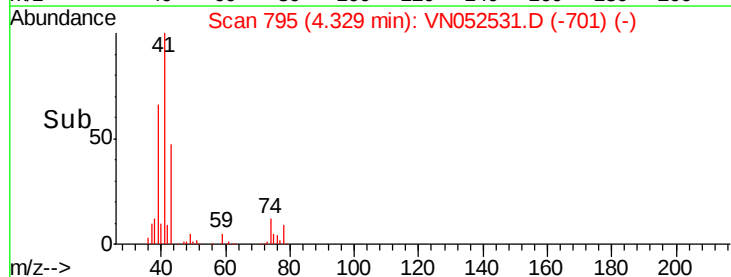
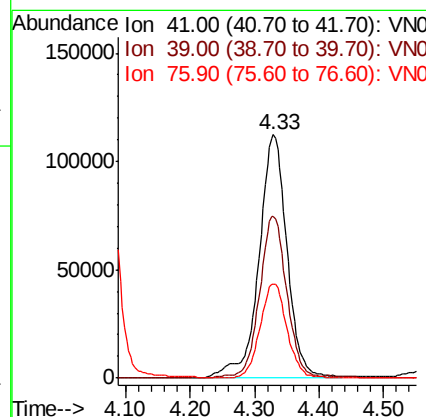
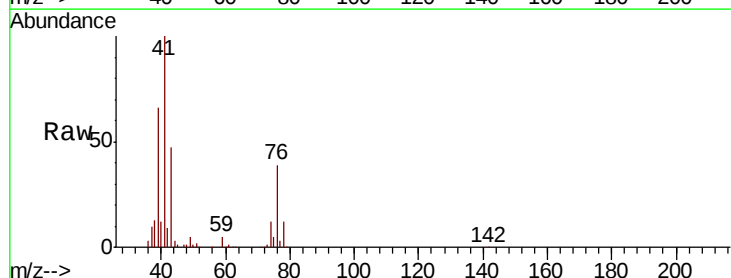
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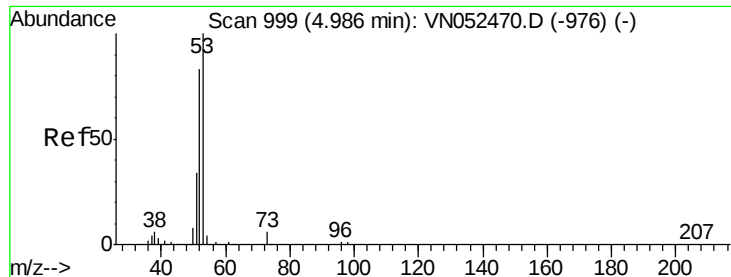
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#14
 Allyl chloride
 Concen: 18.614 ug/l
 RT: 4.33 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Tgt Ion: 41 Resp: 342115
 Ion Ratio Lower Upper
 41 100
 39 64.3 50.6 76.0
 76 36.1 27.4 41.2





#15

Acrylonitrile

Concen: 86.808 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN052531.D

Acq: 28 Nov 2018 20:21

Instrument :

MSVOA_N

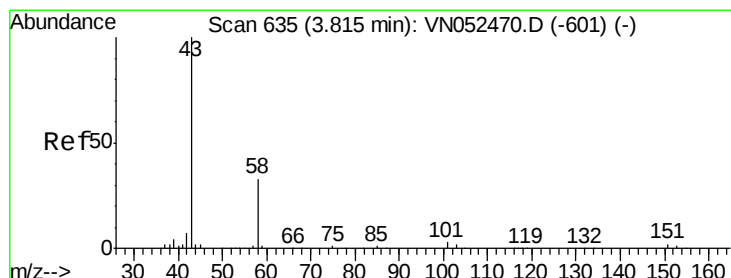
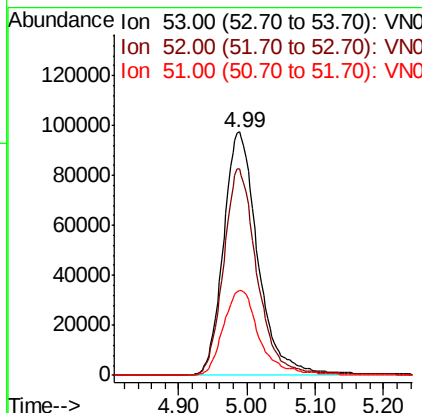
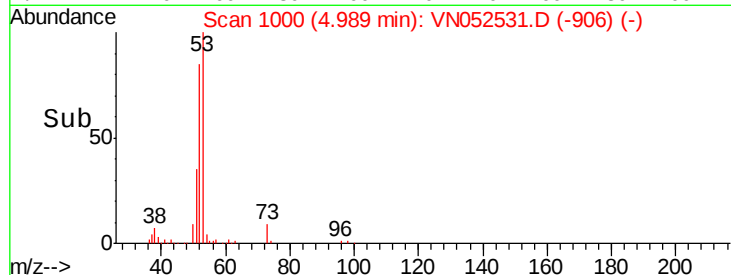
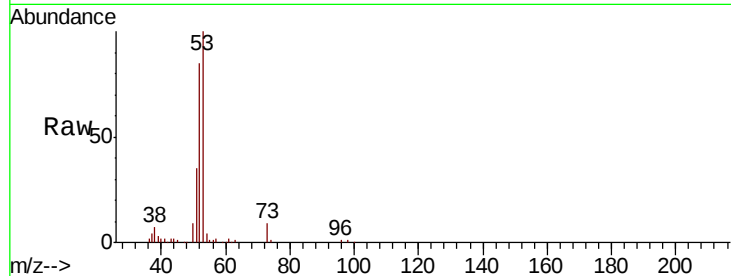
ClientSampleId :

VN1128MBSD01

Tgt Ion:	53	Resp:	340988
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.2	99.2
51	36.6	28.1	42.1

Manual Integrations
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#16

Acetone

Concen: 71.396 ug/l

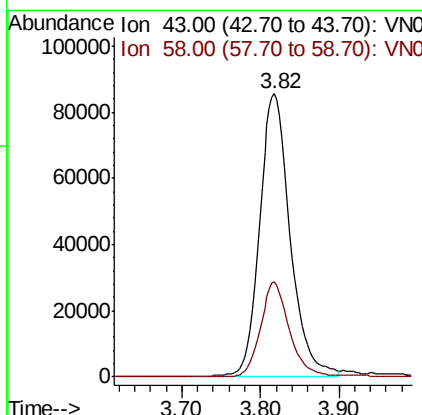
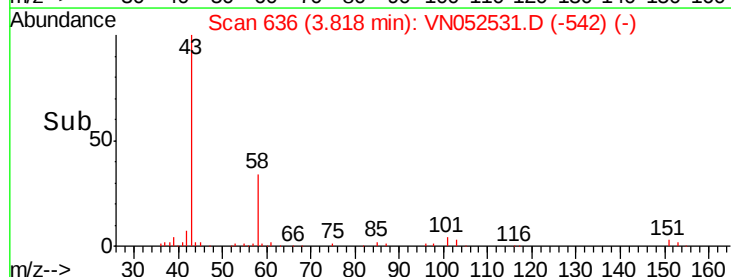
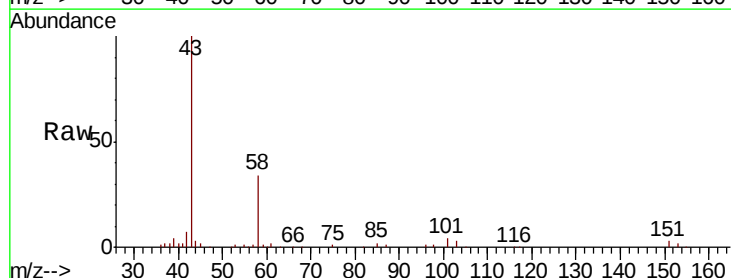
RT: 3.82 min Scan# 636

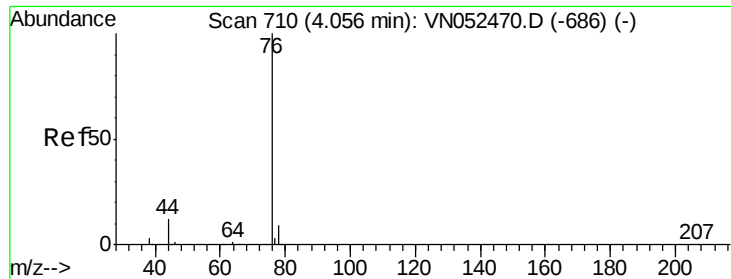
Delta R.T. 0.00 min

Lab File: VN052531.D

Acq: 28 Nov 2018 20:21

Tgt Ion:	43	Resp:	233419
Ion	Ratio	Lower	Upper
43	100		
58	33.5	26.0	39.0





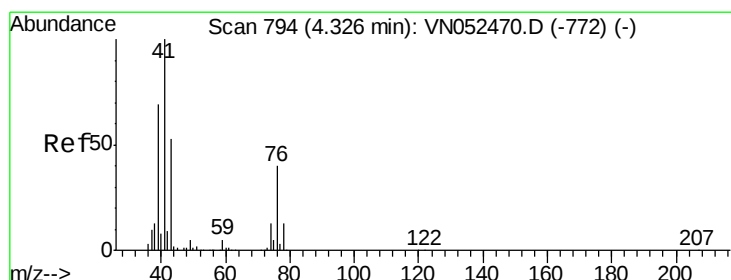
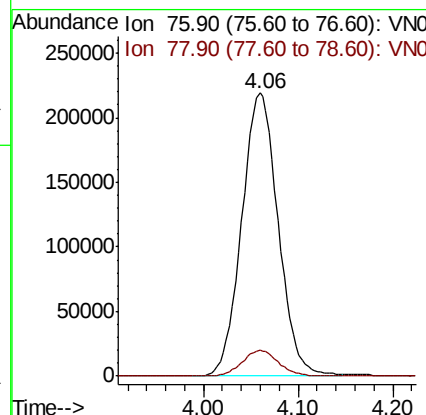
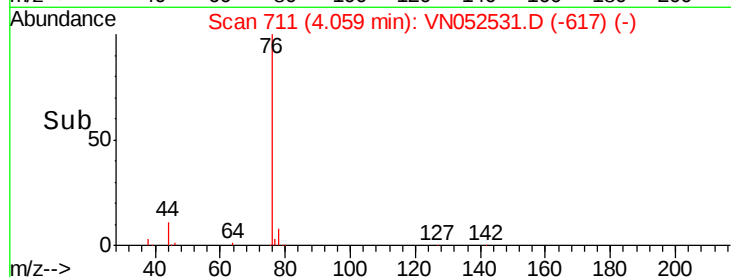
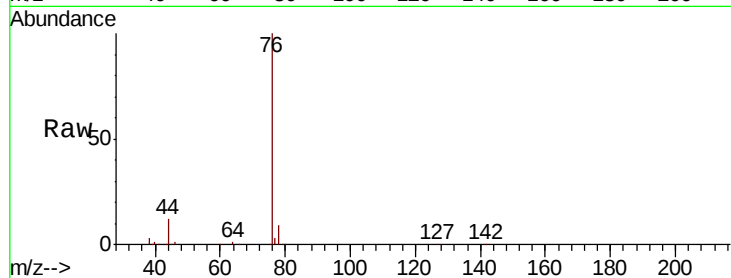
#17
Carbon Disulfide
Concen: 17.458 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBSD01

Tgt Ion: 76 Resp: 585861
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

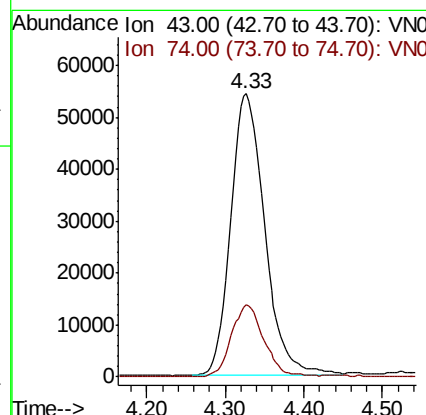
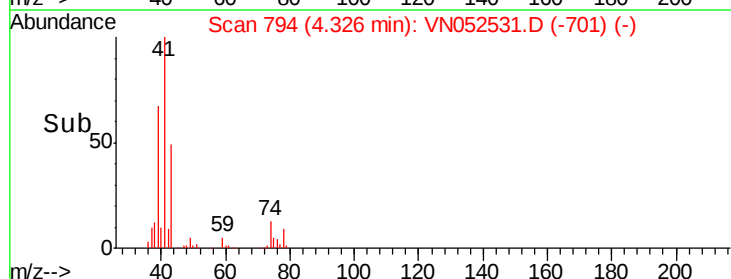
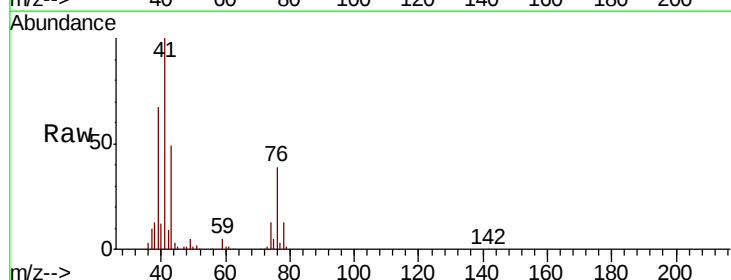
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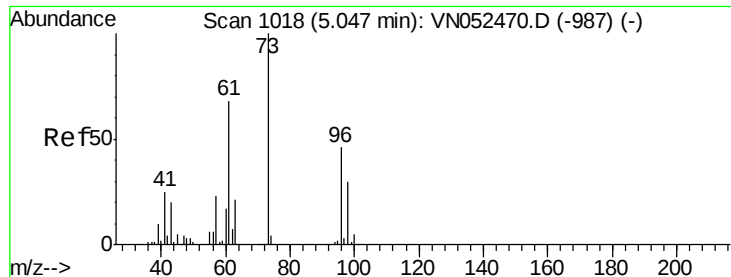
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#18
Methyl Acetate
Concen: 17.479 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Tgt Ion: 43 Resp: 163922
Ion Ratio Lower Upper
43 100
74 24.5 18.6 27.8





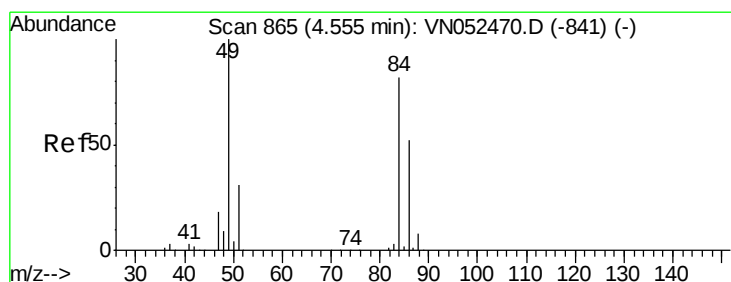
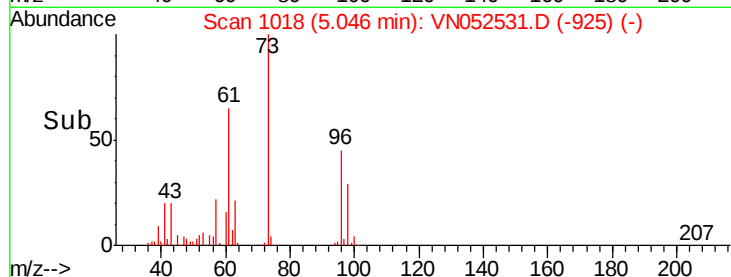
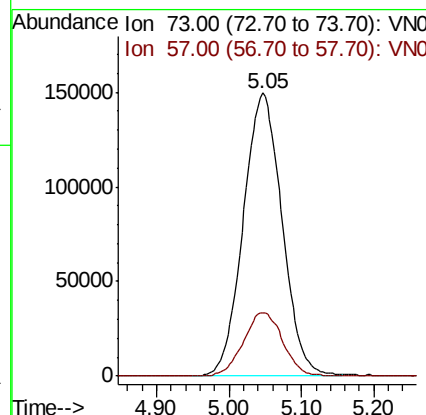
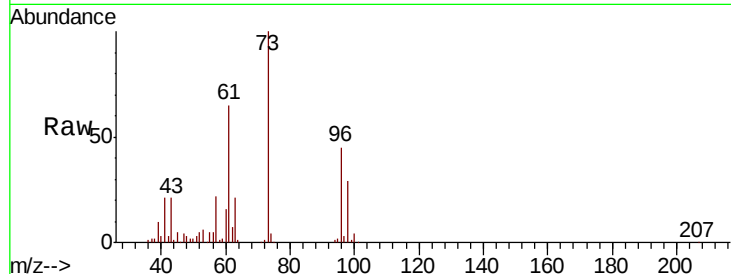
#19
Methyl tert-butyl Ether
Concen: 19.621 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBSD01

Tgt Ion: 73 Resp: 556700
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.2

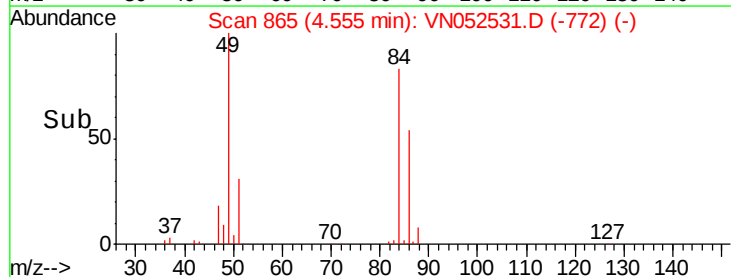
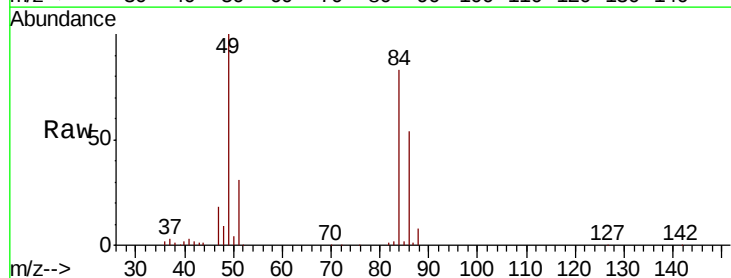
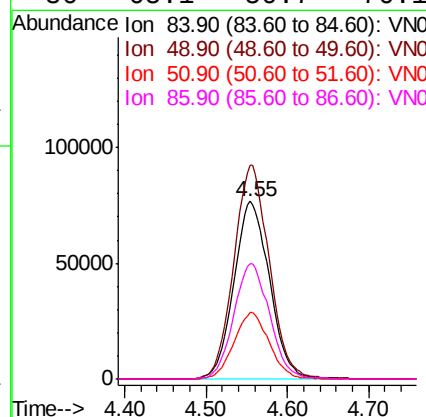
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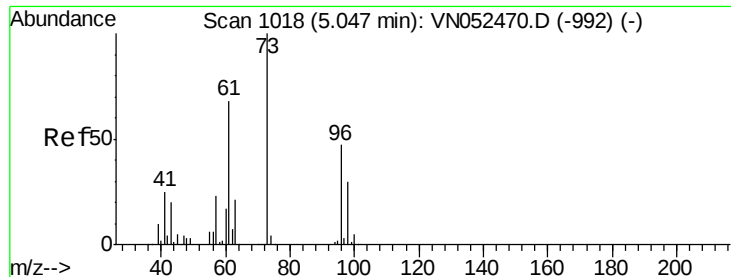
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#20
Methylene Chloride
Concen: 18.232 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Tgt Ion: 84 Resp: 233256
Ion Ratio Lower Upper
84 100
49 120.3 98.0 147.0
51 37.3 30.1 45.1
86 65.1 50.7 76.1





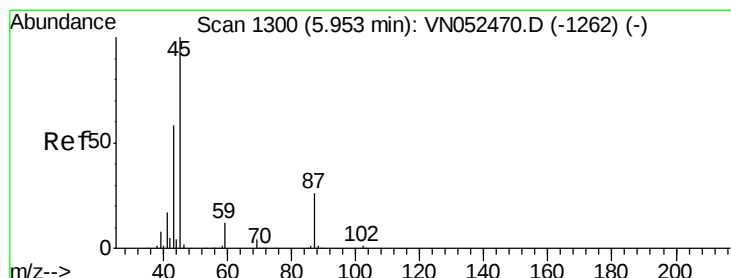
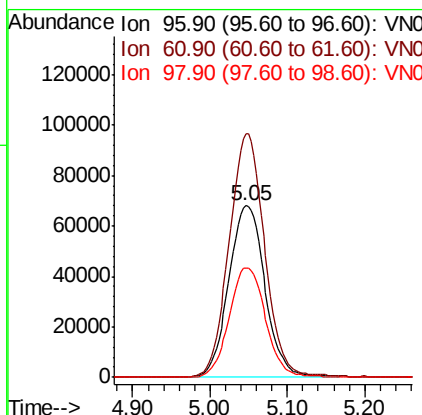
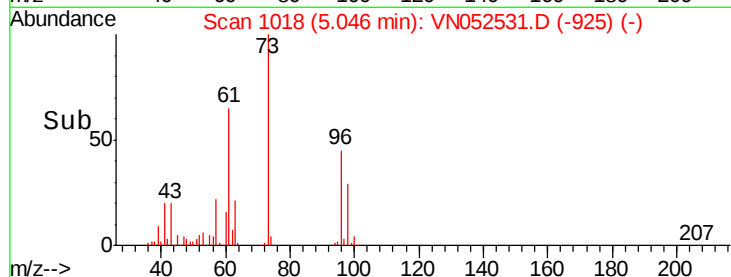
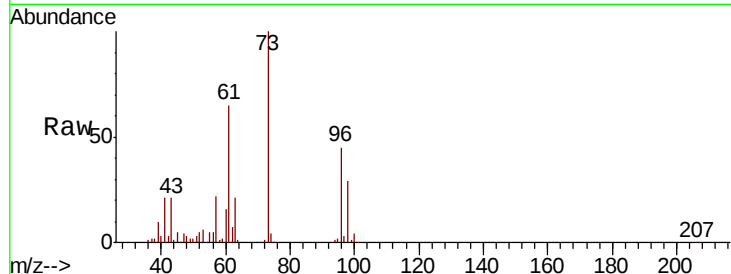
#21
trans-1,2-Dichloroethene
Concen: 19.492 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBSD01

Tgt Ion: 96 Resp: 221996
Ion Ratio Lower Upper
96 100
61 141.8 117.0 175.4
98 64.0 51.8 77.6

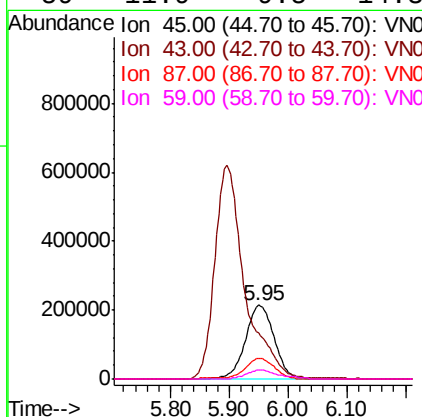
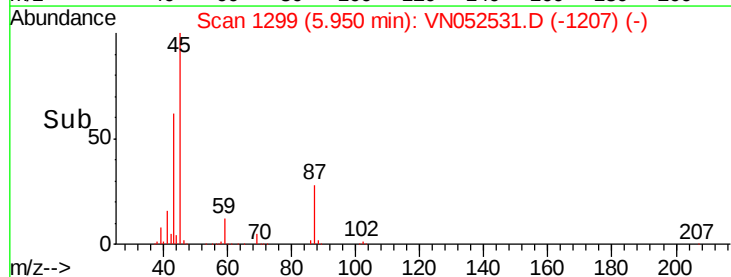
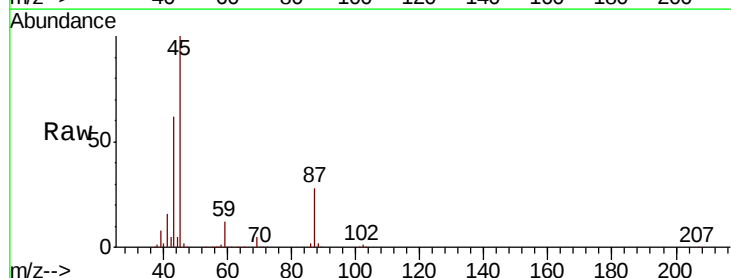
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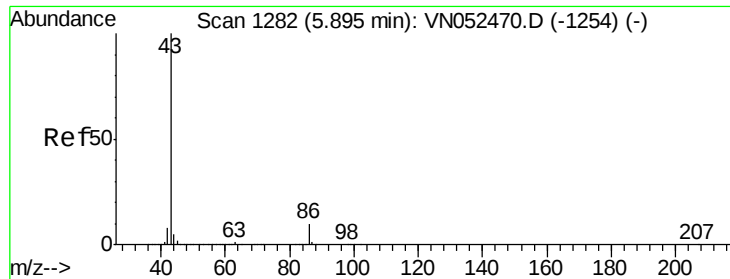
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11/29/2018 9:34:42 AM



#22
Diisopropyl ether
Concen: 18.883 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Tgt Ion: 45 Resp: 729013
Ion Ratio Lower Upper
45 100
43 61.8 46.1 69.1
87 28.4 21.3 31.9
59 11.9 9.5 14.3





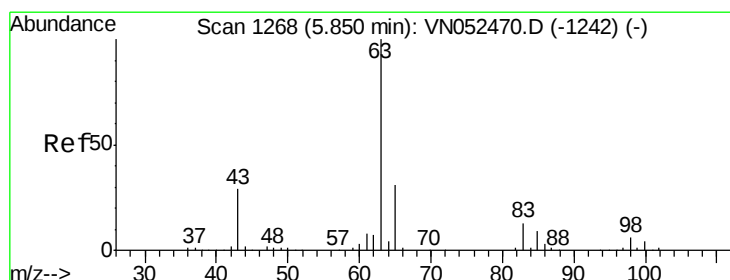
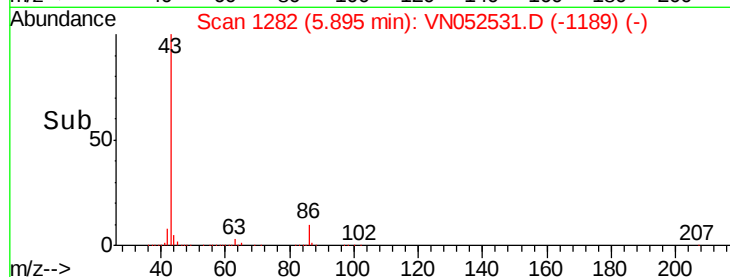
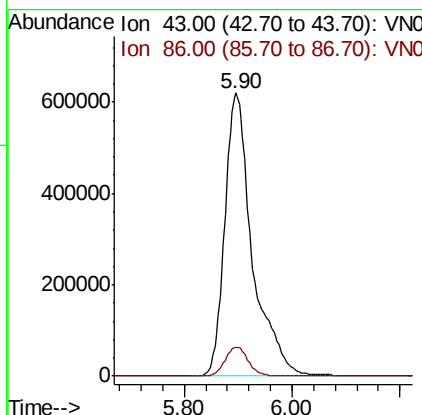
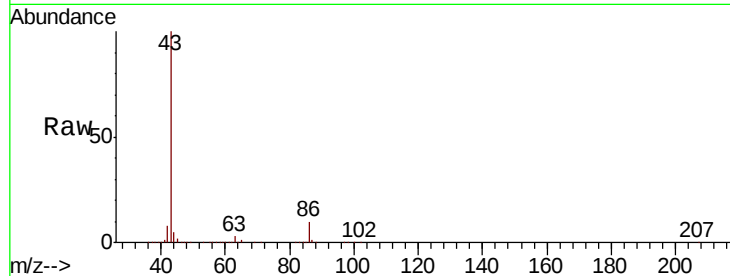
#23
 Vinyl Acetate
 Concen: 91.561 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128MBSD01

Tgt Ion: 43 Resp: 2201671
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8

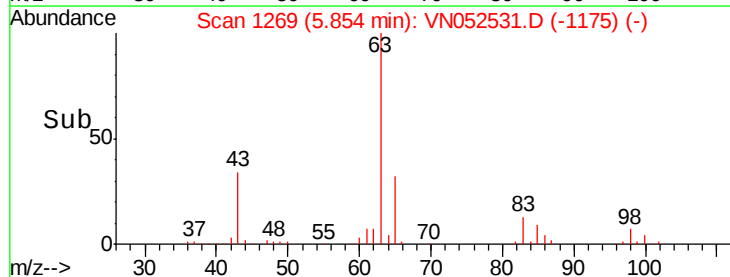
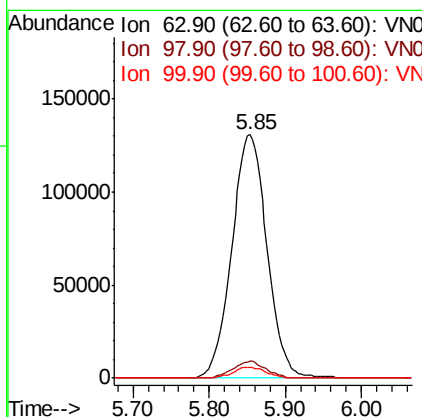
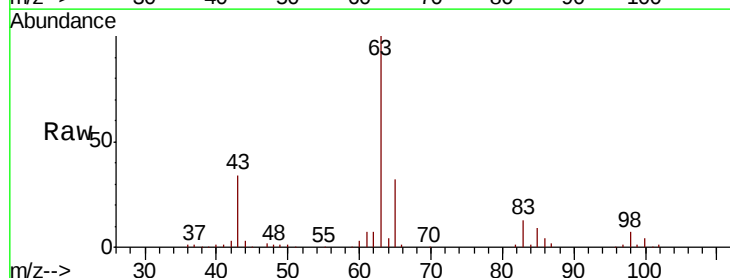
Manual Integrations
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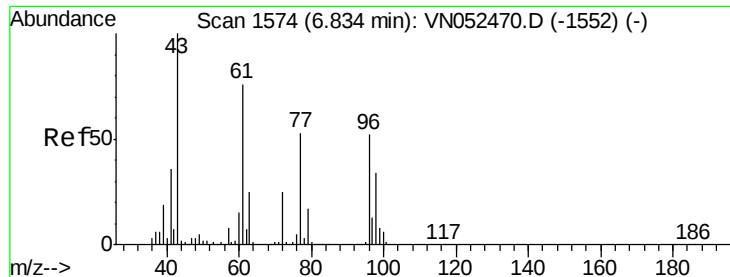
MMDadoda
 11/29/2018 9:34:42 AM



#24
 1,1-Dichloroethane
 Concen: 19.047 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Tgt Ion: 63 Resp: 419840
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.0 9.2
 100 4.2 2.0 5.8





#25

2-Butanone

Concen: 79.617 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN052531.D

Acq: 28 Nov 2018 20:21

Instrument :

MSVOA_N

ClientSampleId :

VN1128MBSD01

Tgt Ion: 43 Resp: 368944

Ion Ratio Lower Upper

43 100

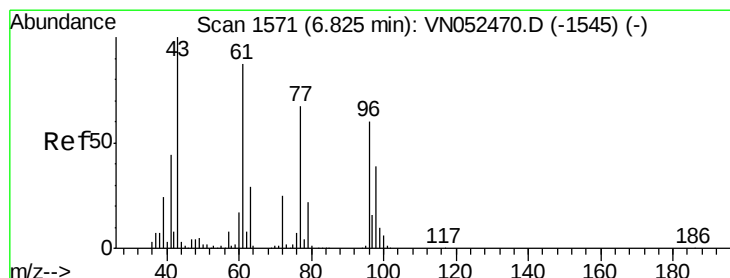
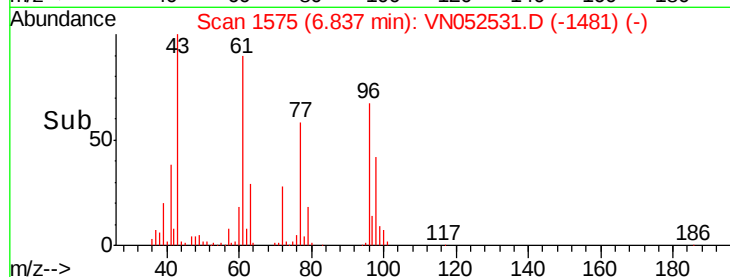
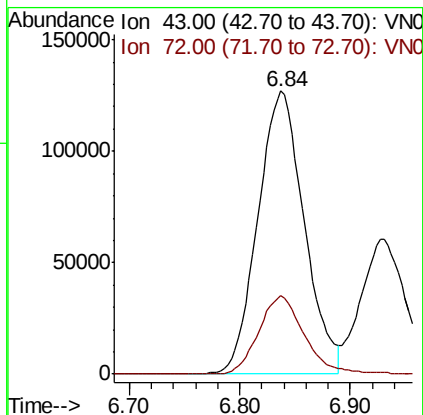
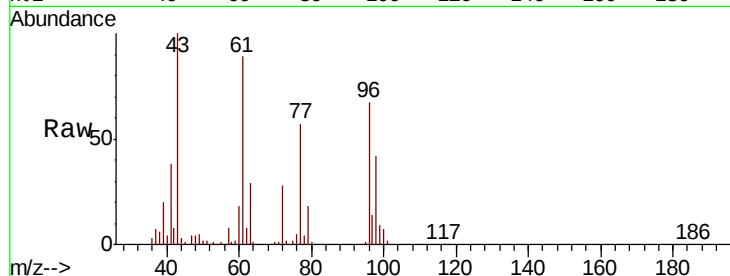
72 27.7 20.1 30.1

Manual Integrations

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11/29/2018 9:34:42 AM



#26

2,2-Dichloropropane

Concen: 17.137 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN052531.D

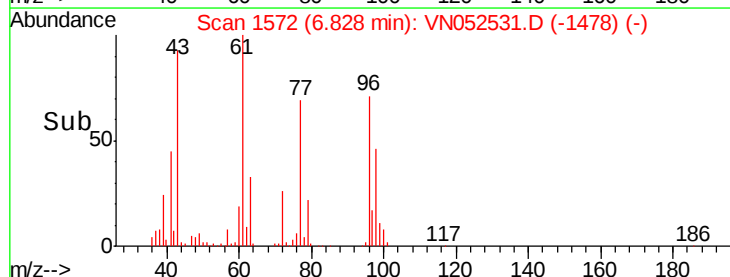
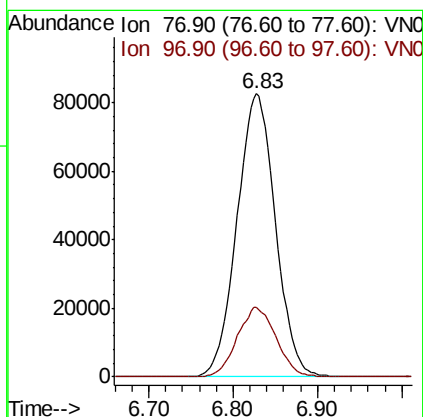
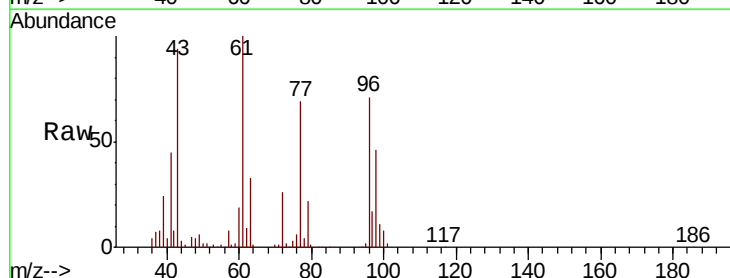
Acq: 28 Nov 2018 20:21

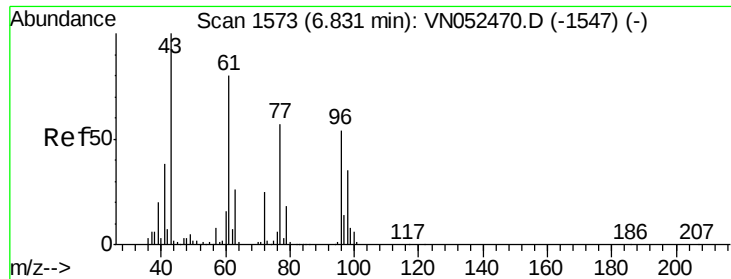
Tgt Ion: 77 Resp: 261464

Ion Ratio Lower Upper

77 100

97 24.8 11.8 35.3





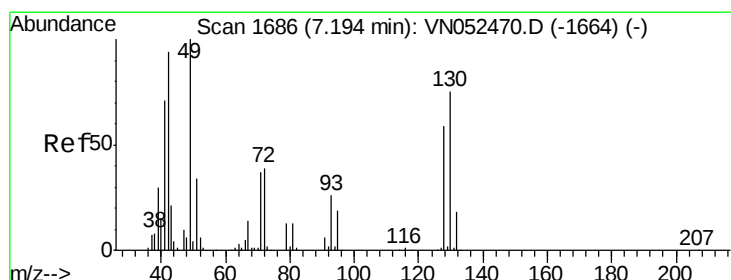
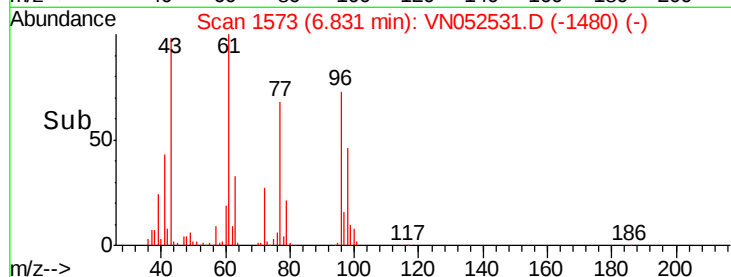
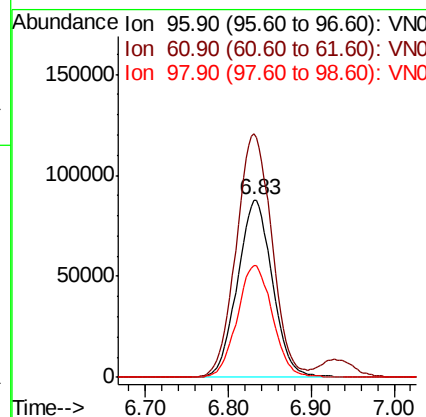
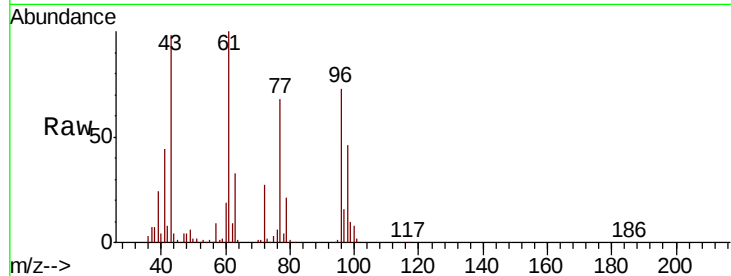
#27
 cis-1,2-Dichloroethene
 Concen: 19.347 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128MBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	256671		
61	140.5	0.0	291.0	
98	64.3	0.0	130.0	

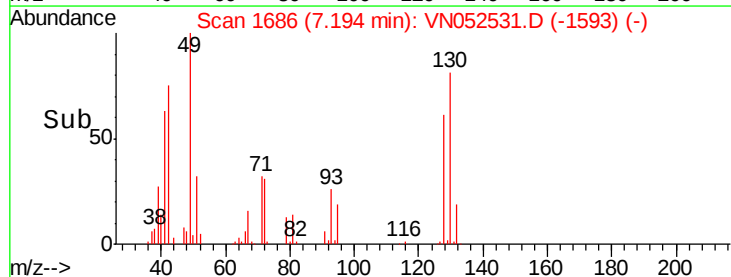
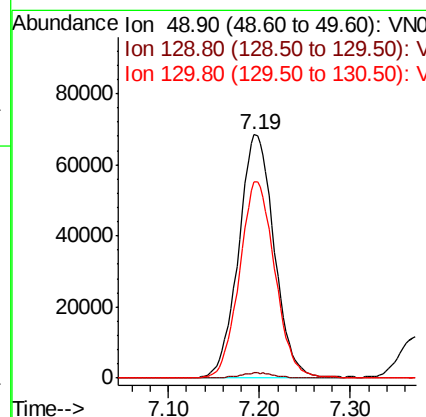
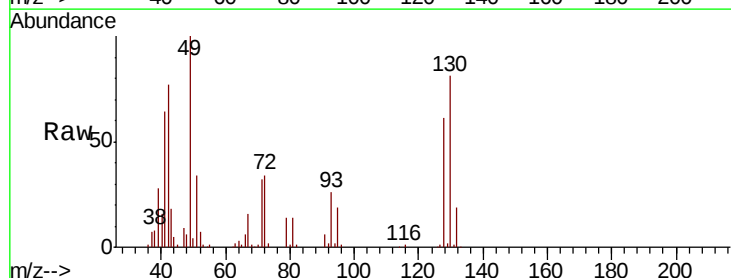
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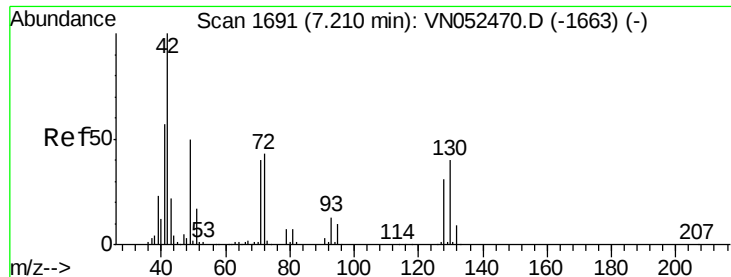
MMDadoda
 11/29/2018 9:34:42 AM



#28
 Bromochloromethane
 Concen: 18.506 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	186315		
129	2.0	0.0	3.8	
130	80.3	60.2	90.2	





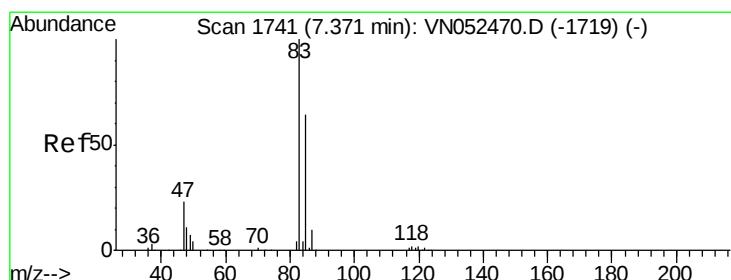
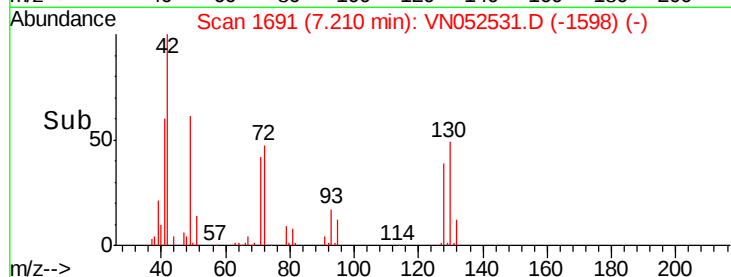
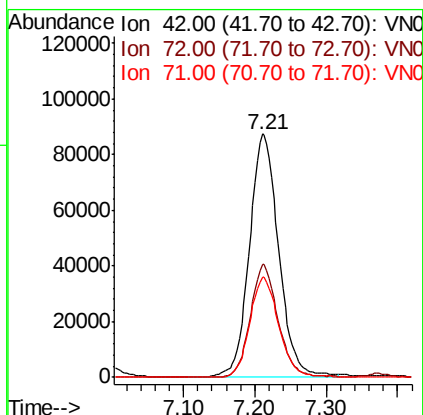
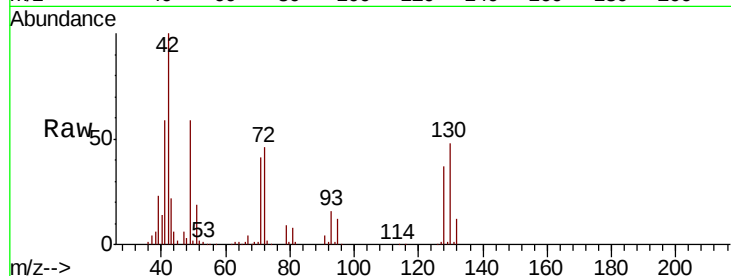
#29
Tetrahydrofuran
Concen: 82.780 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.2	33.3	49.9
71	40.7	32.0	48.0

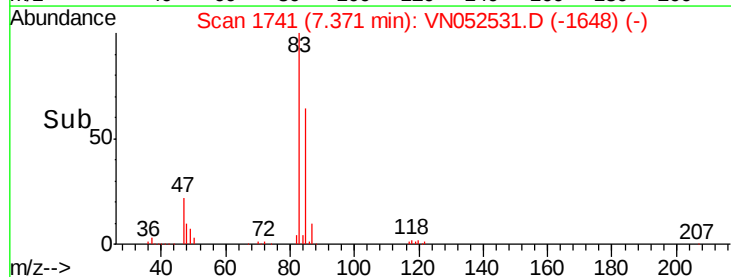
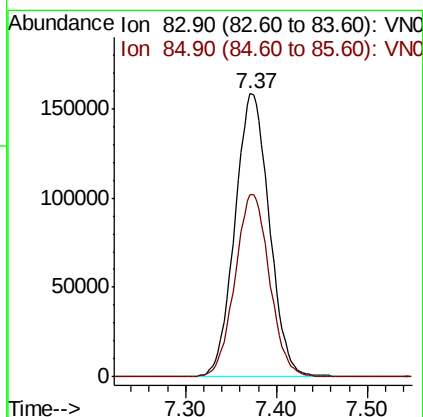
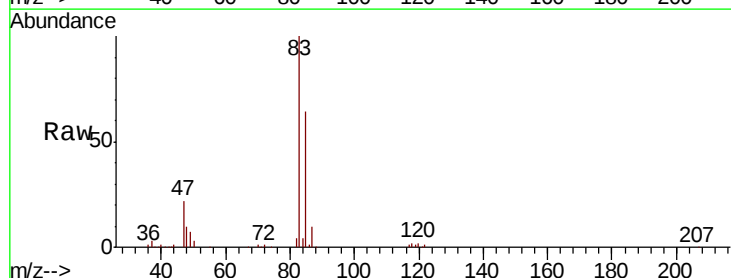
Manual Integrations
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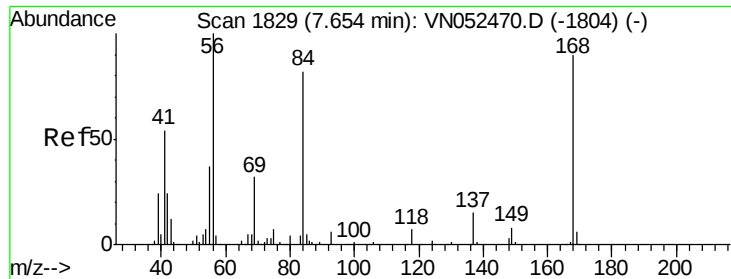
MMDadoda
11/29/2018 9:34:42 AM



#30
Chloroform
Concen: 18.952 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.0	76.4





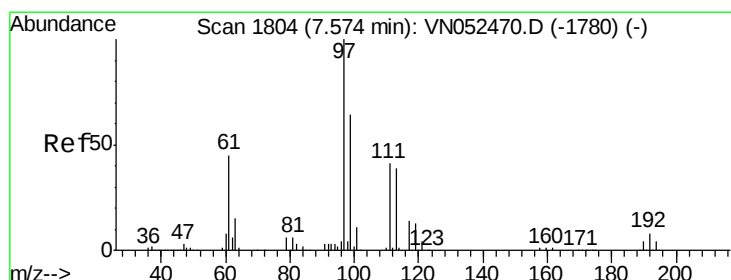
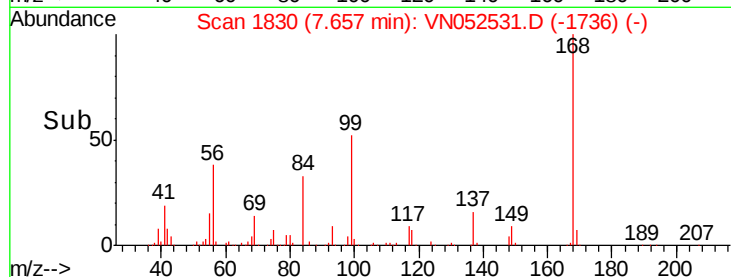
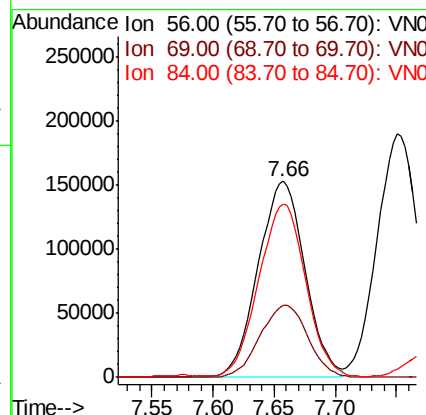
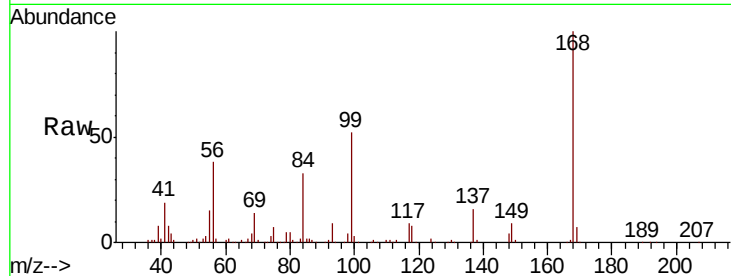
#31
Cyclohexane
Concen: 18.866 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	36.9	25.8	38.6
84	87.5	65.3	97.9

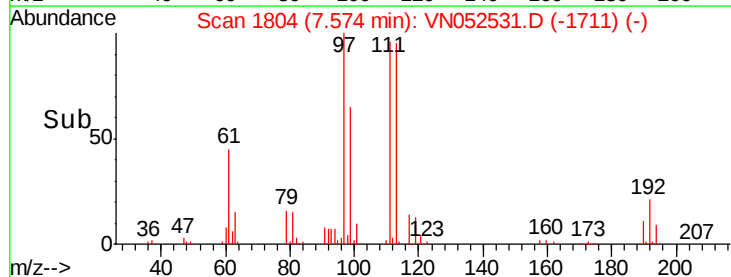
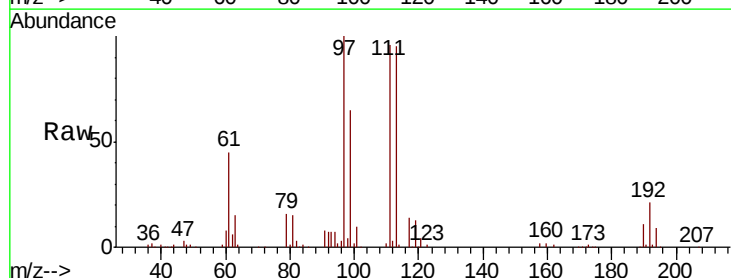
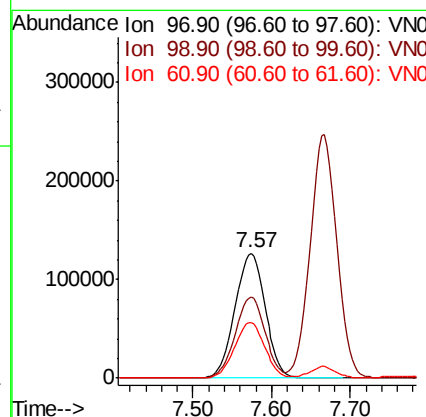
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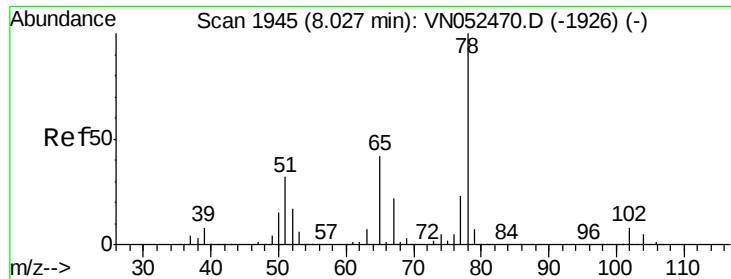
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 19.587 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.7	77.5
61	44.2	36.8	55.2





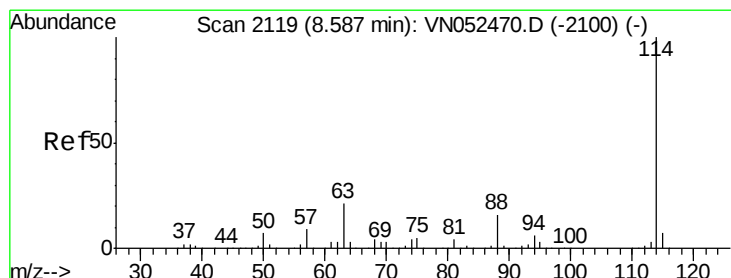
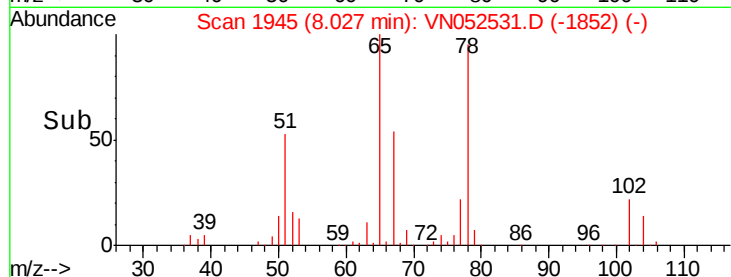
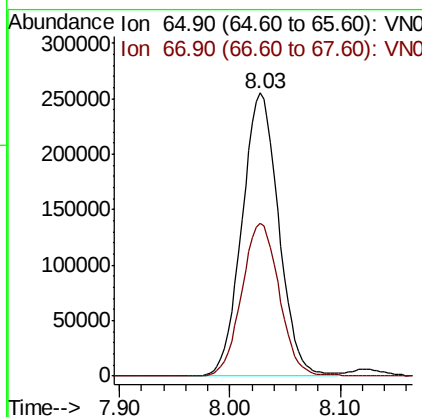
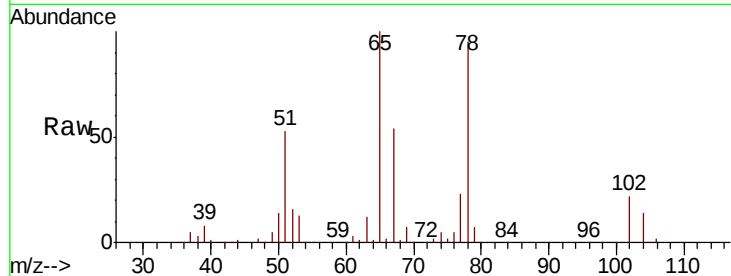
#33
 1,2-Dichloroethane-d4
 Concen: 19.587 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128MBSD01

Tgt Ion: 65 Resp: 589632
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.8

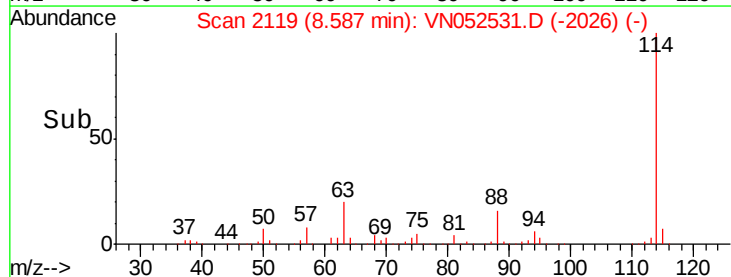
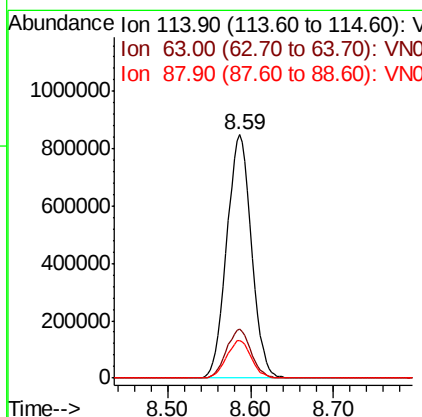
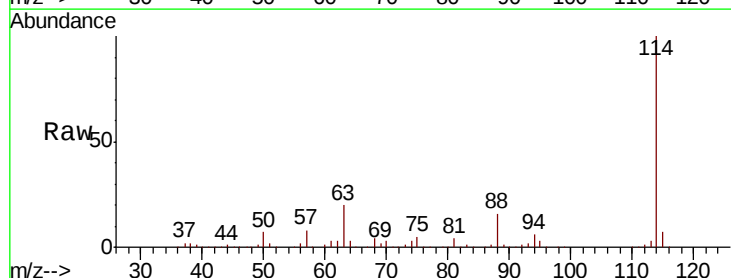
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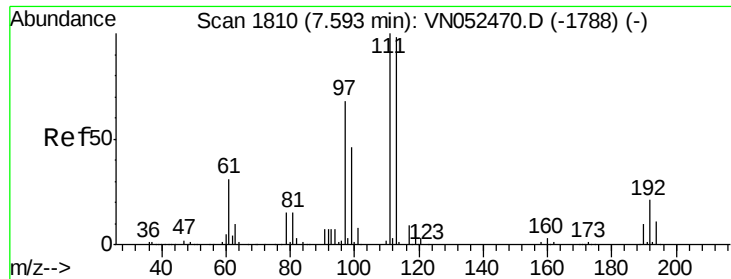
MMDadoda
 11/29/2018 9:34:42 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Tgt Ion: 114 Resp: 1758515
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.8
 88 15.5 0.0 31.6





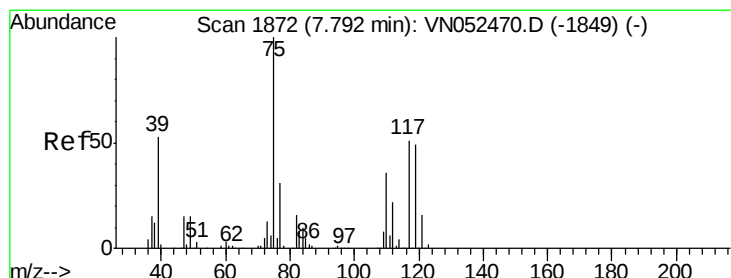
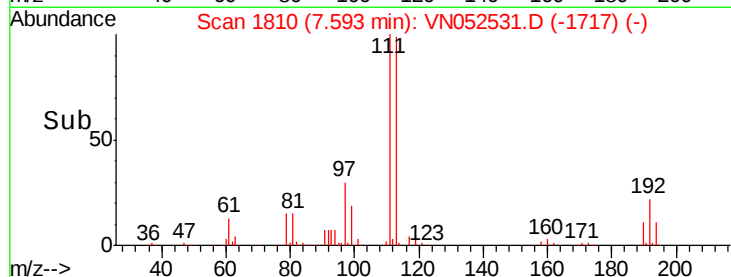
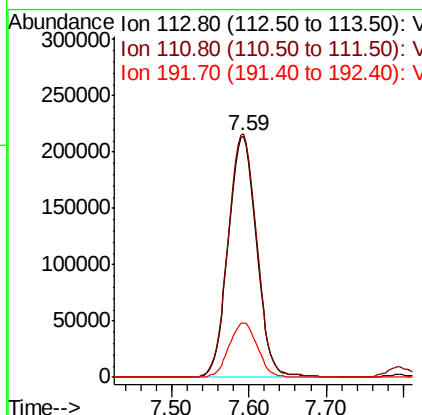
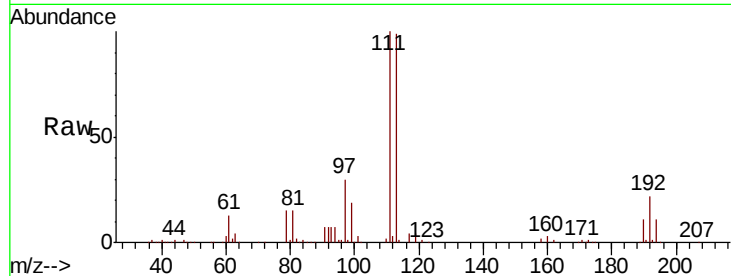
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128MBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	542709		
111	102.6	82.0	123.0	
192	22.6	17.0	25.6	

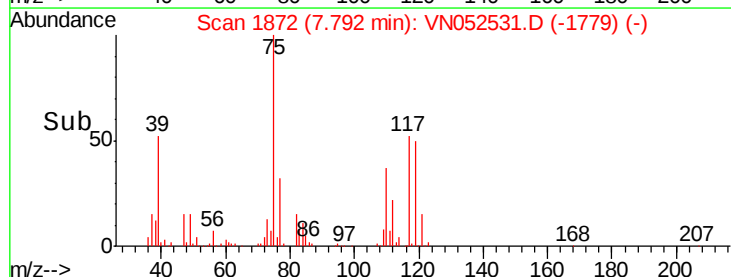
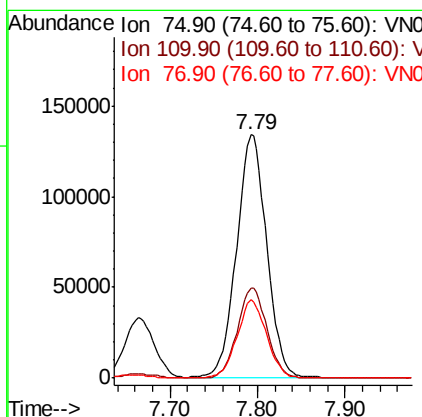
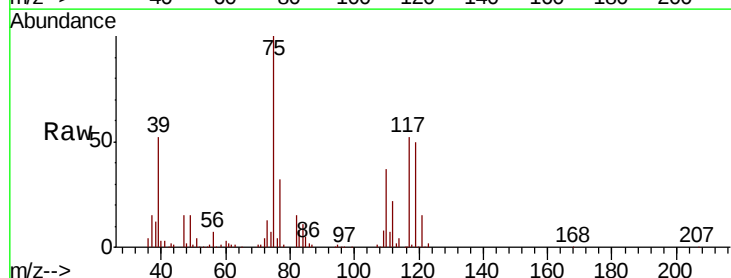
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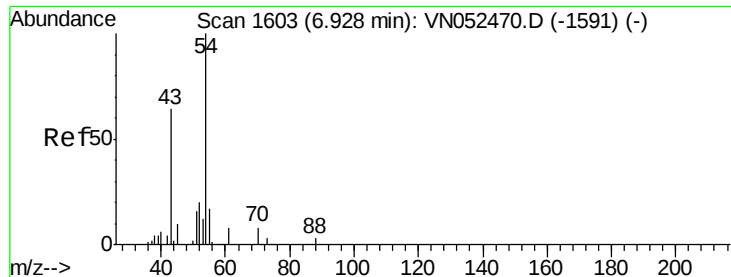
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#36
 1,1-Dichloropropene
 Concen: 19.253 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	319714		
110	36.5	17.5	52.6	
77	31.7	24.5	36.7	





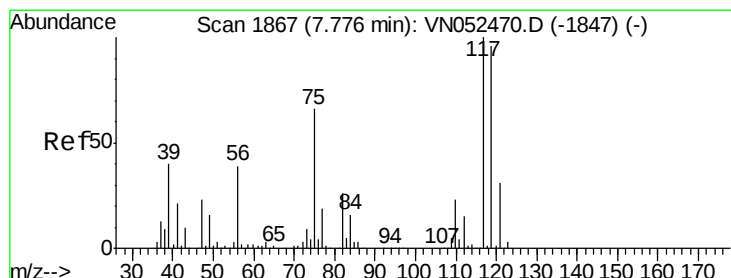
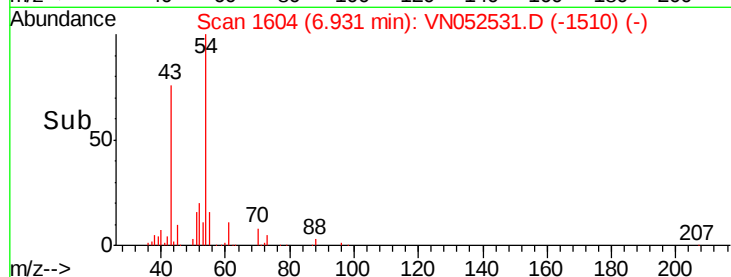
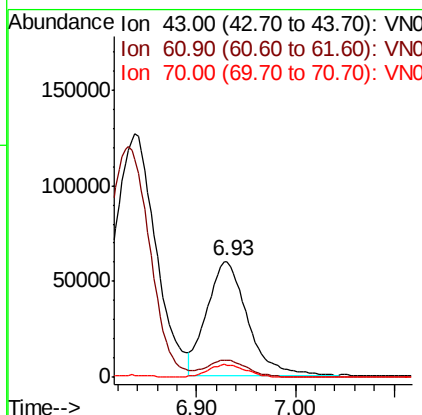
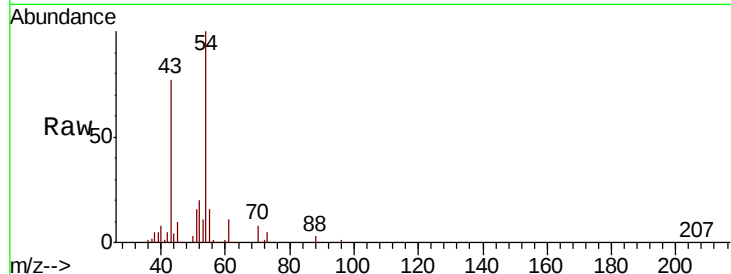
#37
Ethyl Acetate
Concen: 17.031 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.8	17.8
70	10.5	7.8	11.8

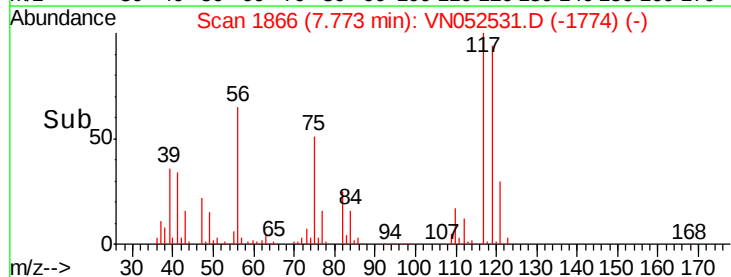
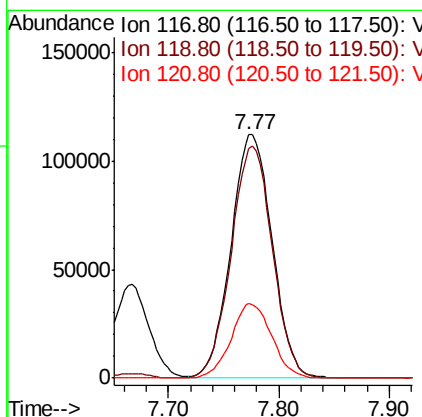
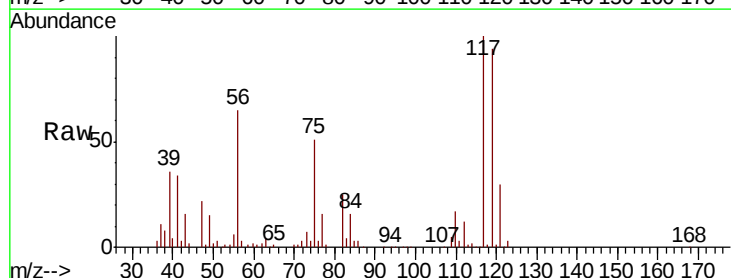
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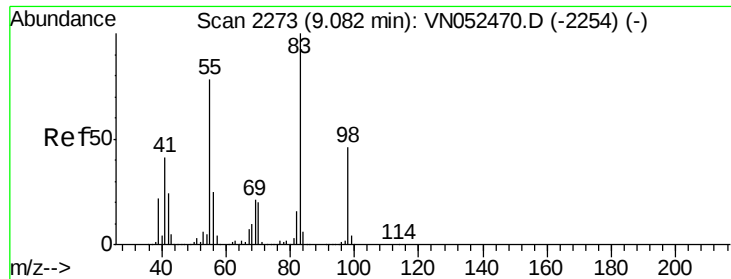
MMDadoda
11/29/2018 9:34:42 AM



#38
Carbon Tetrachloride
Concen: 19.245 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.8	115.2
121	30.5	24.9	37.3





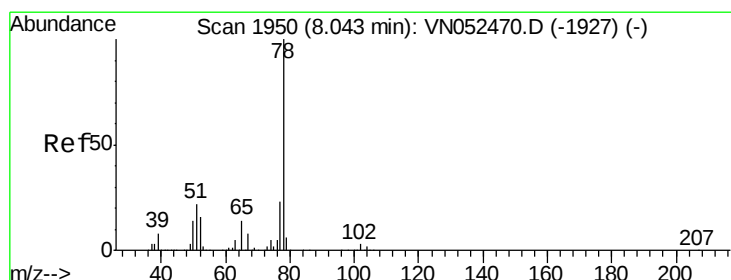
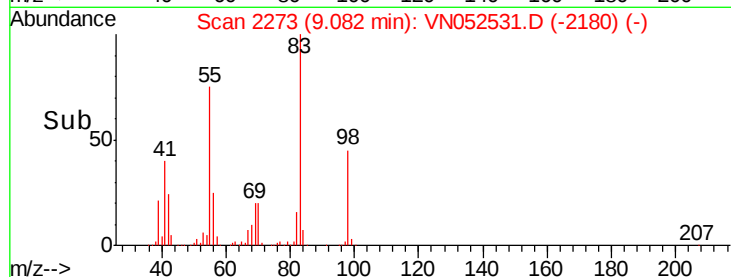
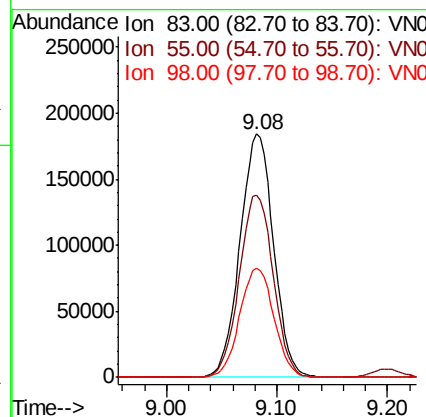
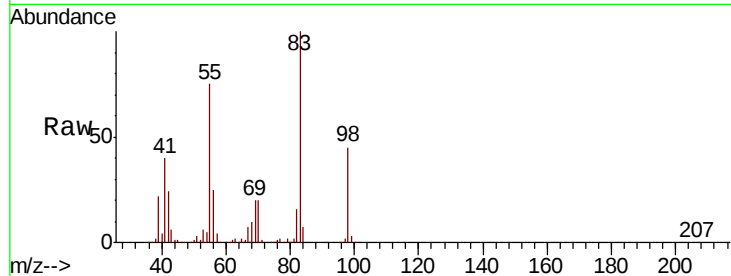
#39
Methylcyclohexane
Concen: 19.249 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	388534		
55	75.0	62.2	93.2	
98	44.8	36.4	54.6	

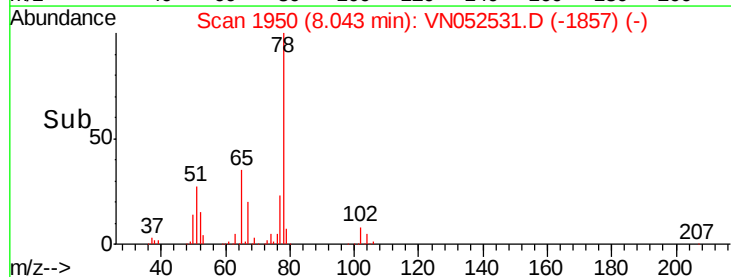
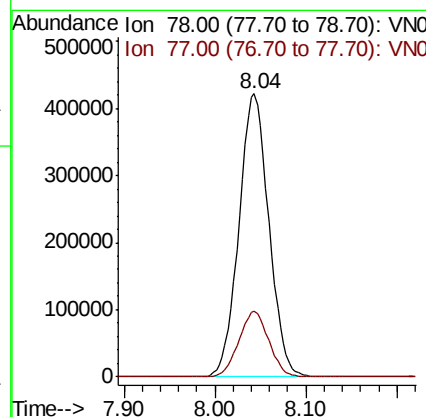
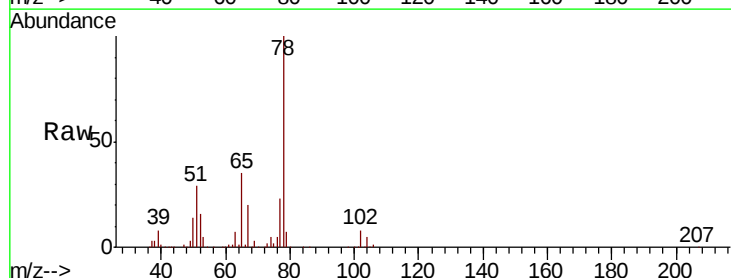
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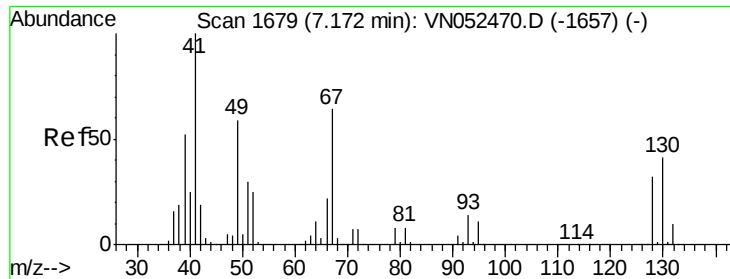
MMDadoda
11/29/2018 9:34:42 AM



#40
Benzene
Concen: 19.478 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	963971		
77	23.1	18.8	28.2	





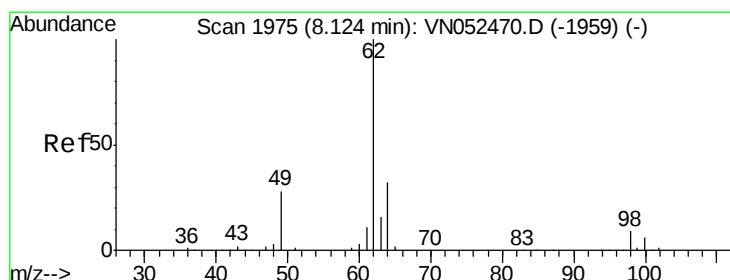
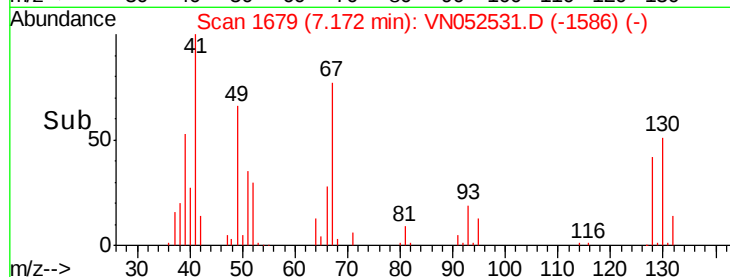
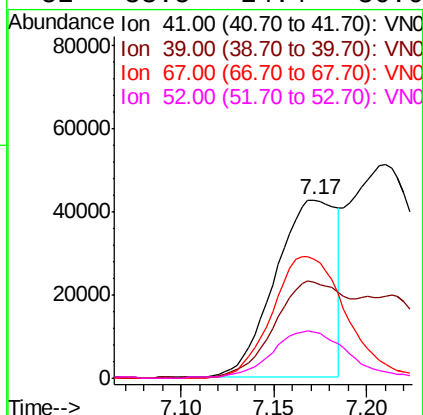
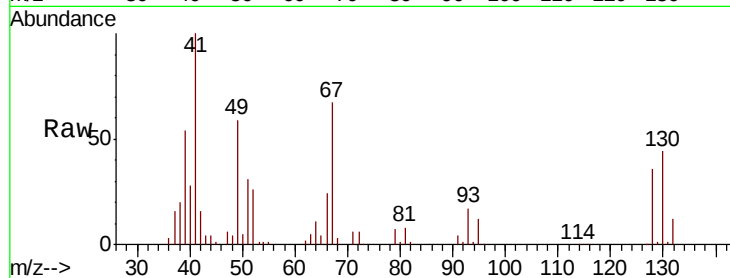
#41
Methacrylonitrile
Concen: 17.632 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.1	50.9	76.3
67	84.6	63.6	95.4
52	33.5	24.4	36.6

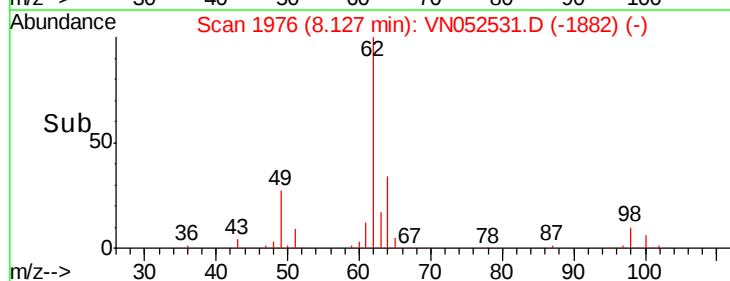
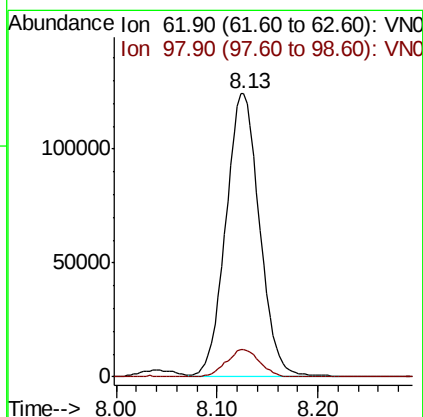
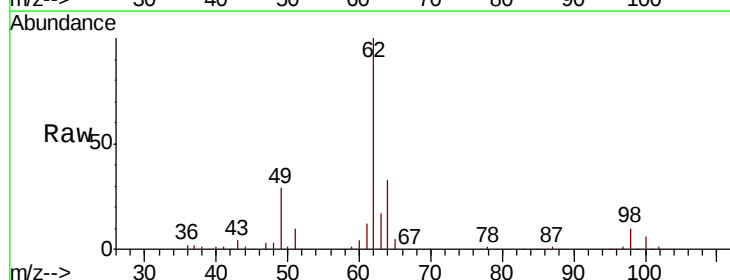
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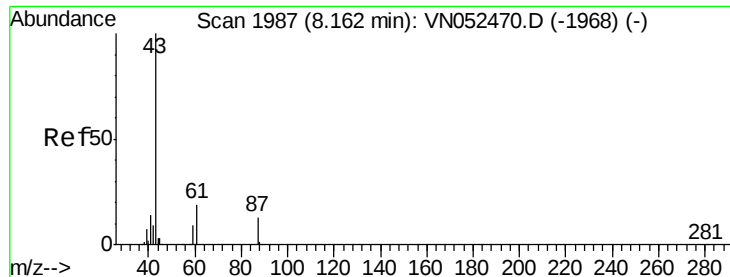
MMDadoda
11/29/2018 9:34:42 AM



#42
1,2-Dichloroethane
Concen: 19.238 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.6





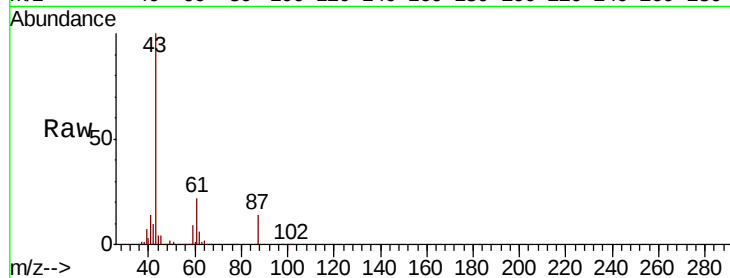
#43
Isopropyl Acetate
Concen: 18.979 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBSD01

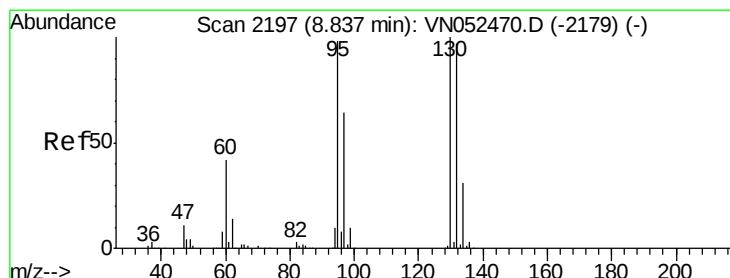
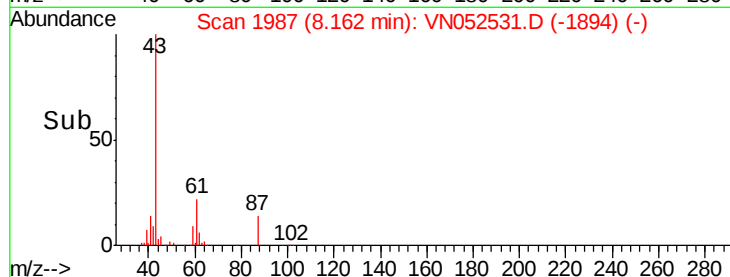
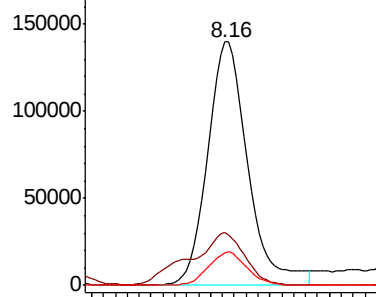
Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.0	24.1	36.1
87	13.0	10.6	15.8

Manual Integrations
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MMDadoda
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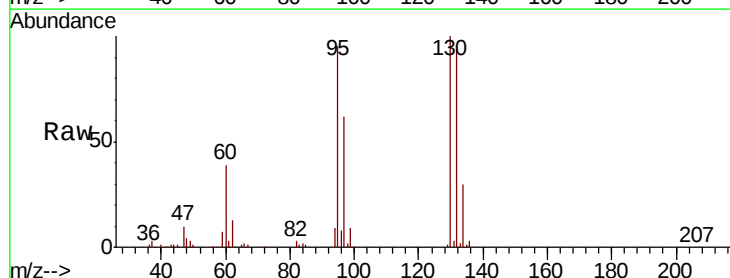


Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)
Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)
Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)

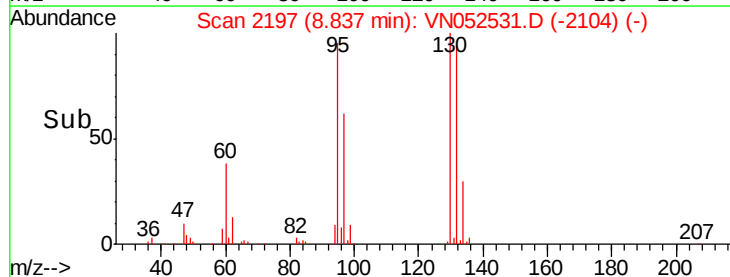
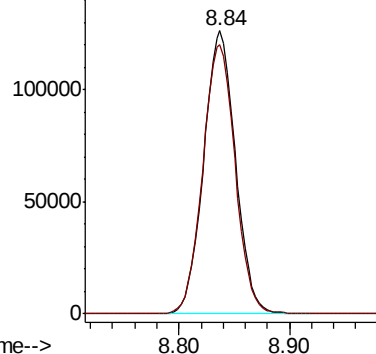


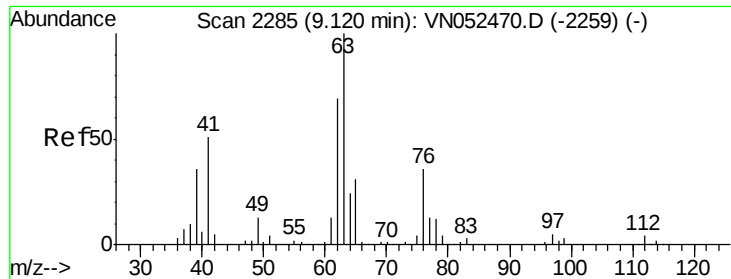
#44
Trichloroethene
Concen: 19.903 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	195.6



Abundance Ion 129.80 (129.50 to 130.50): VN052470.D (-2179) (-)
Ion 94.90 (94.60 to 95.60): VN052470.D (-2179) (-)





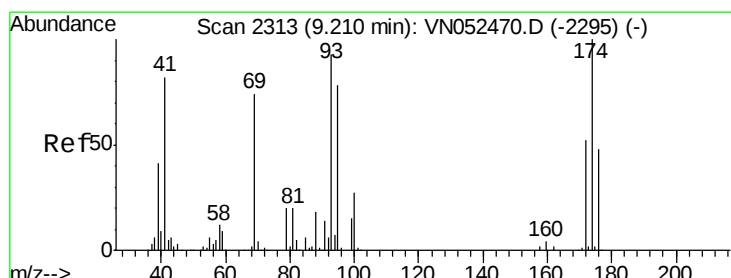
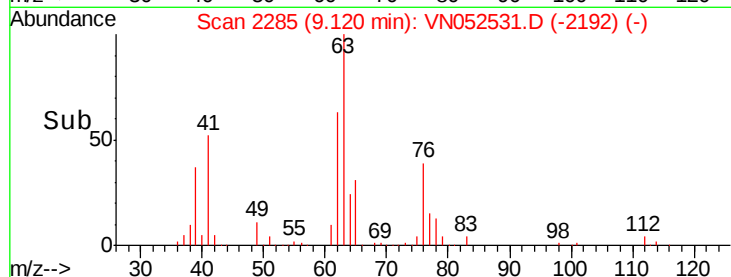
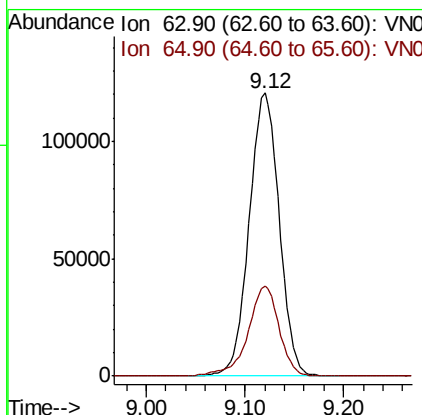
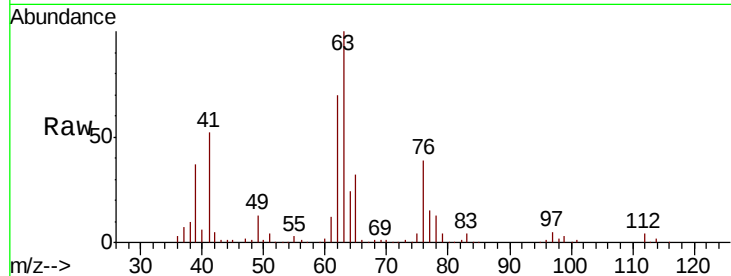
#45
 1,2-Dichloropropane
 Concen: 19.268 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128MBSD01

Tgt Ion: 63 Resp: 253513
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.0 37.6

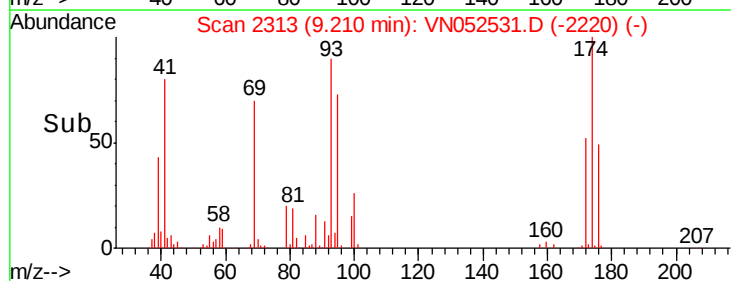
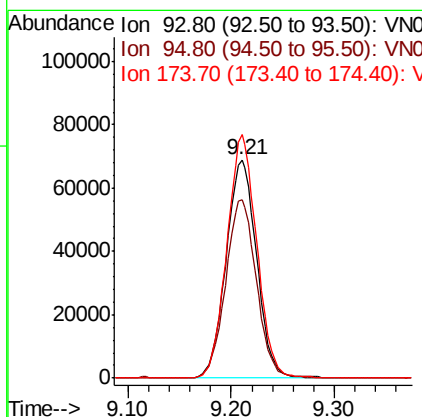
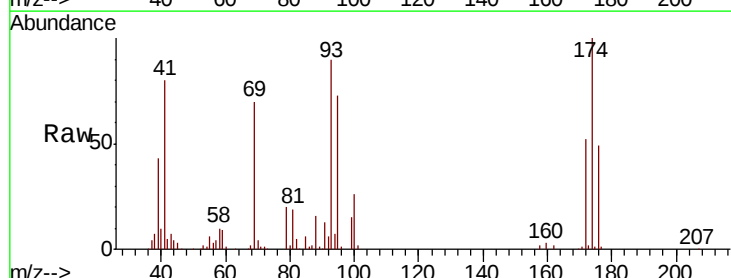
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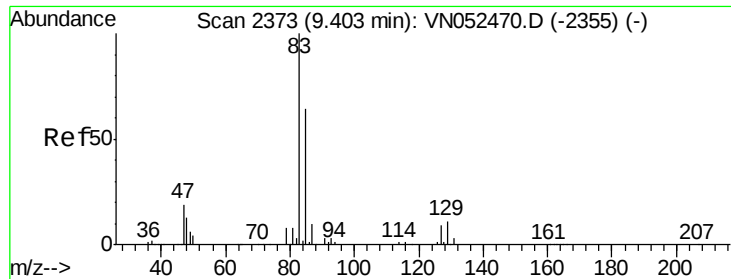
MMDadoda
 11/29/2018 9:34:42 AM



#46
 Dibromomethane
 Concen: 19.518 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Tgt Ion: 93 Resp: 142164
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.1 100.7
 174 109.1 85.8 128.8





#47

Bromodichloromethane

Concen: 19.100 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052531.D

Acq: 28 Nov 2018 20:21

Instrument :

MSVOA_N

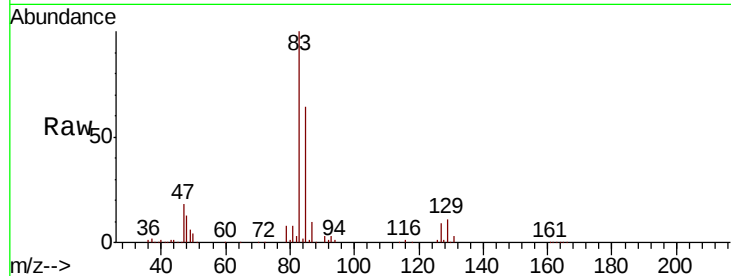
ClientSampleId :

VN1128MBSD01

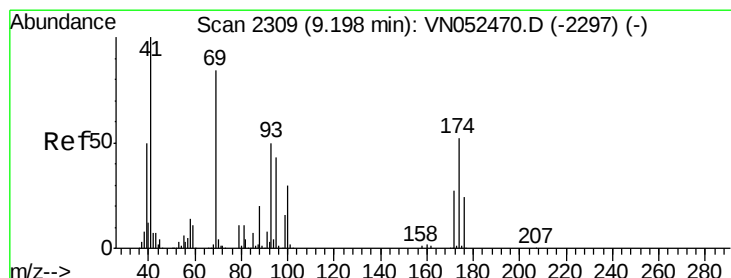
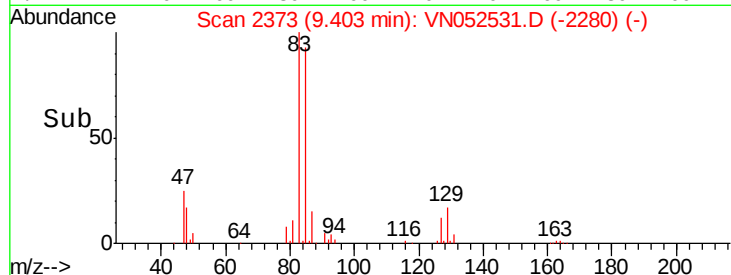
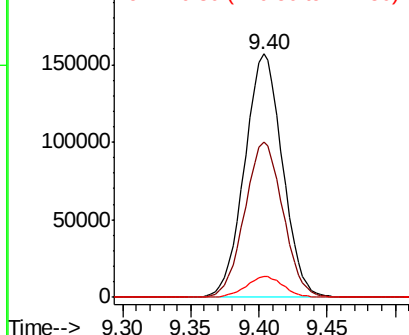
Tgt Ion:	83	Resp:	302472
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.3	76.9
127	8.5	6.9	10.3

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Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 84.90 (84.60 to 85.60): VNC
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.977 ug/l

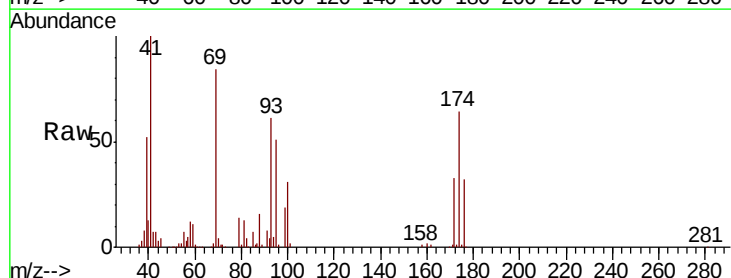
RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

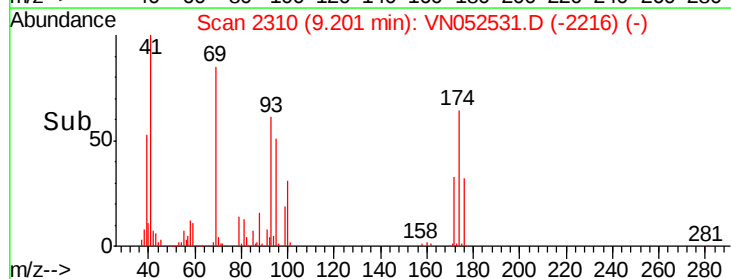
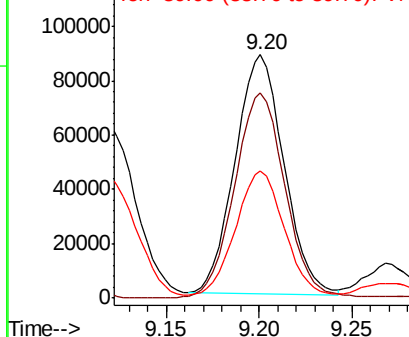
Lab File: VN052531.D

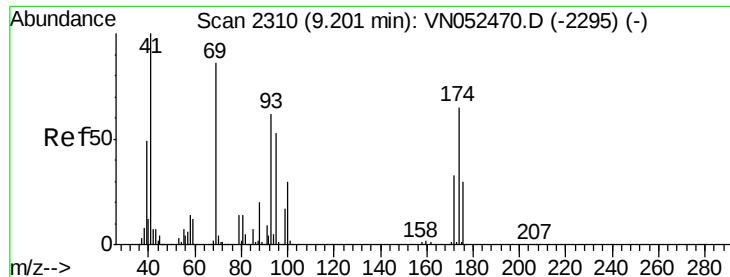
Acq: 28 Nov 2018 20:21

Tgt Ion:	41	Resp:	160765
Ion Ratio	Lower	Upper	
41	100		
69	89.2	70.0	105.0
39	53.7	42.6	64.0



Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC





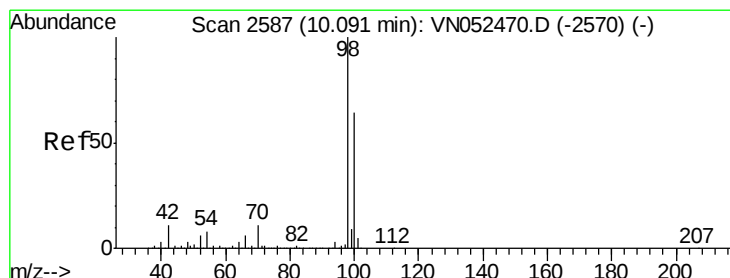
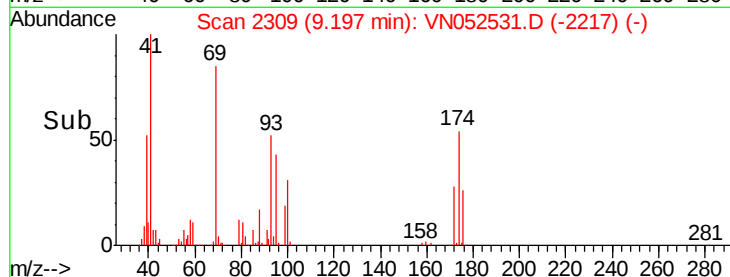
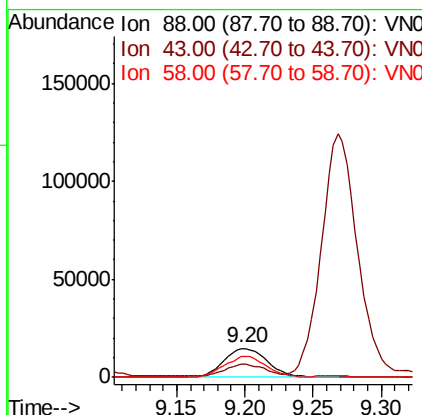
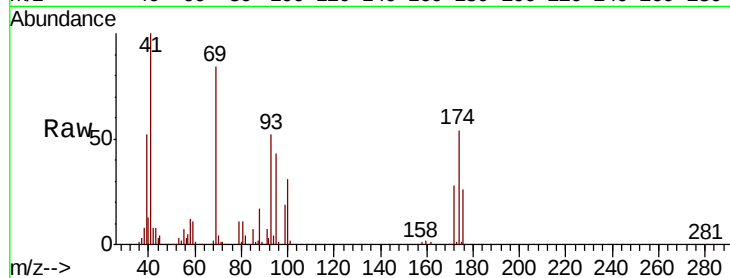
#49
1,4-Dioxane
Concen: 354.188 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBSD01

Tgt Ion: 88 Resp: 32873
Ion Ratio Lower Upper
88 100
43 36.9 26.4 39.6
58 70.2 55.4 83.0

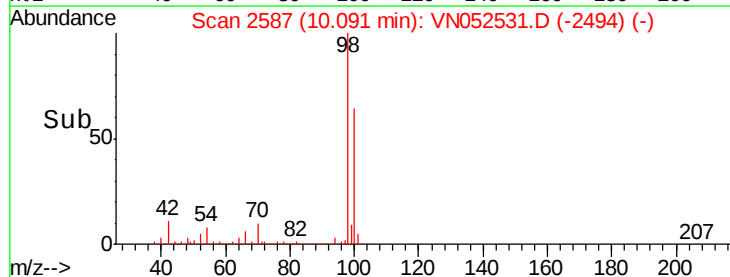
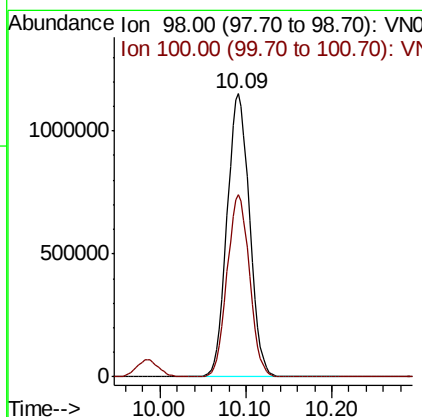
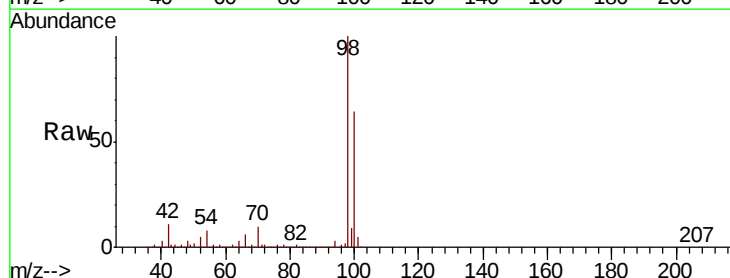
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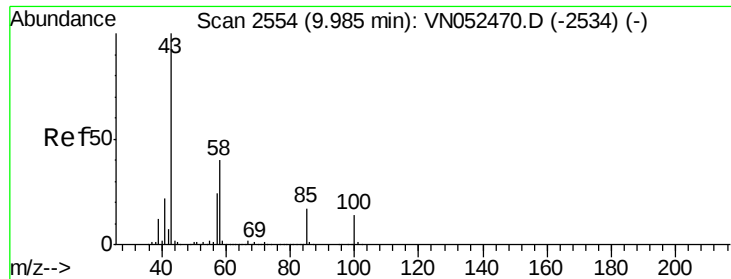
MMDadoda
11/29/2018 9:34:42 AM



#50
Toluene-d8
Concen: 354.188 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Tgt Ion: 98 Resp: 2089798
Ion Ratio Lower Upper
98 100
100 64.1 51.3 76.9





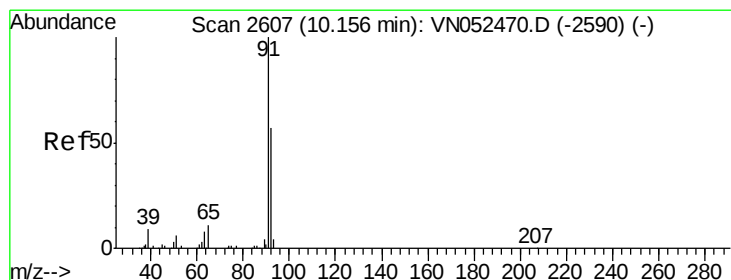
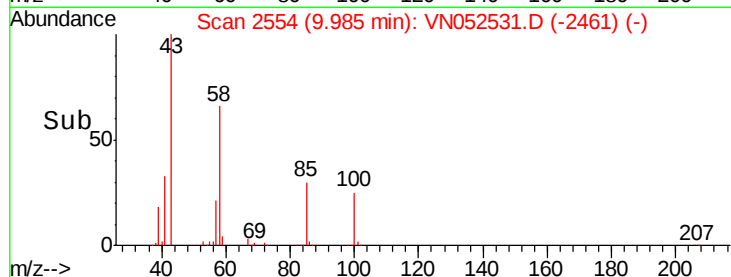
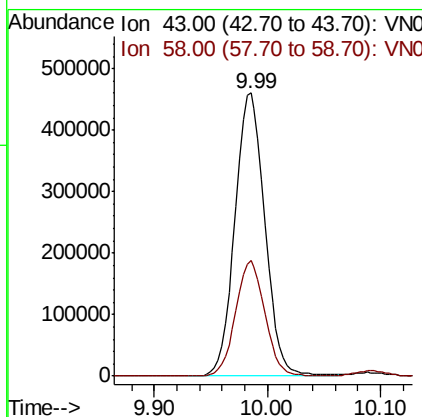
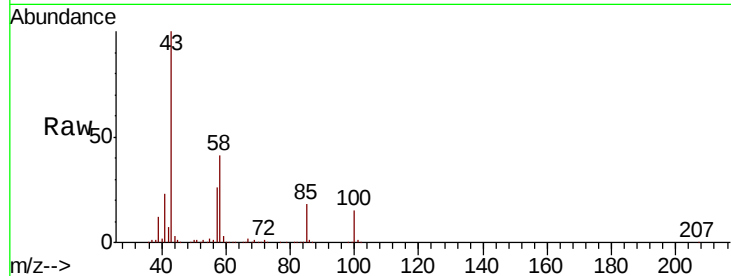
#51
 4-Methyl-2-Pentanone
 Concen: 87.945 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128MBSD01

Tgt Ion: 43 Resp: 846281
 Ion Ratio Lower Upper
 43 100
 58 40.1 31.5 47.3

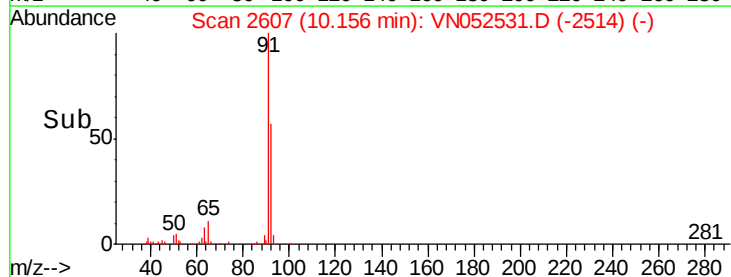
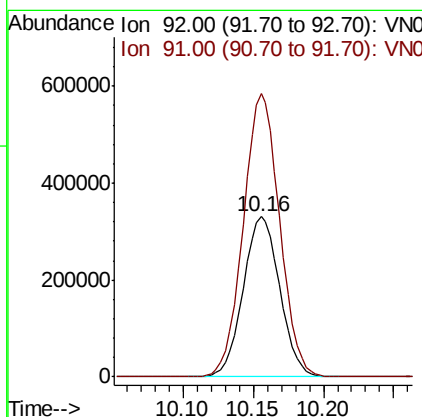
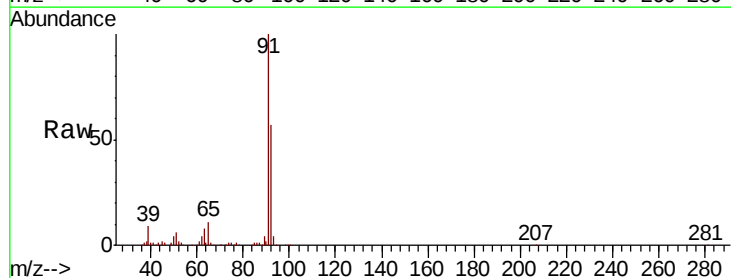
Manual Integrations
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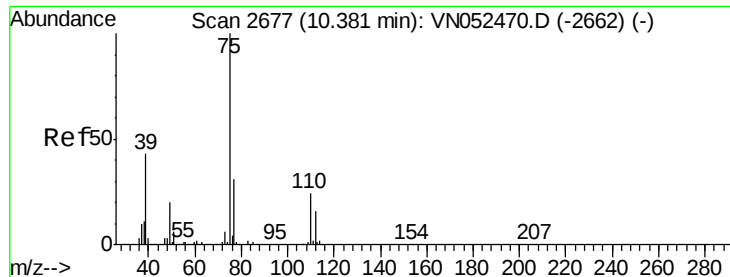
MMDadoda
 11/29/2018 9:34:42 AM



#52
 Toluene
 Concen: 20.398 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Tgt Ion: 92 Resp: 599768
 Ion Ratio Lower Upper
 92 100
 91 176.0 141.0 211.4





#53

t-1,3-Dichloropropene

Concen: 18.736 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN052531.D

Acq: 28 Nov 2018 20:21

Instrument :

MSVOA_N

ClientSampleId :

VN1128MBSD01

Tgt Ion: 75 Resp: 285440

Ion Ratio Lower Upper

75 100

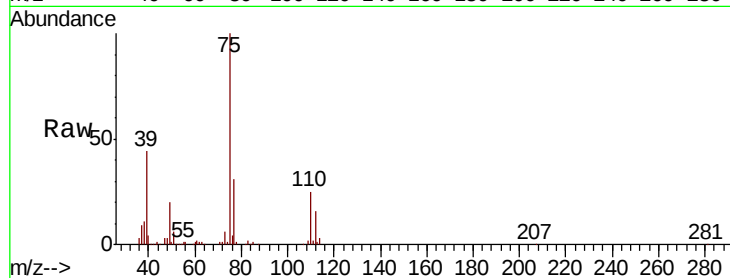
77 30.7 25.0 37.4

Manual Integrations

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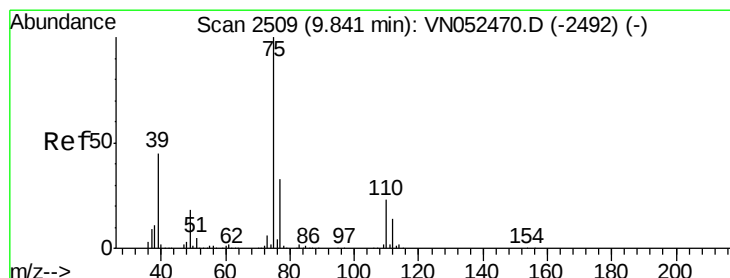
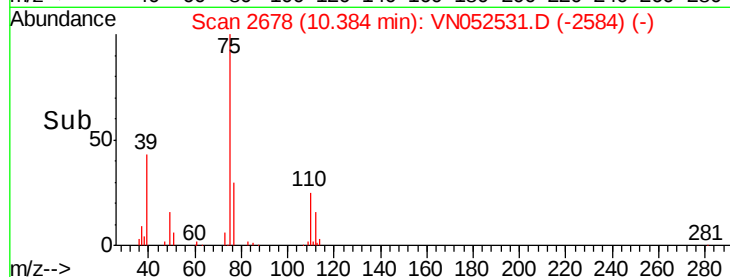
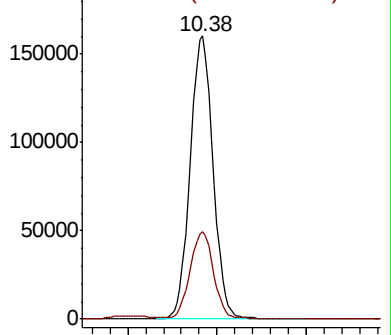
MMDadoda

11/29/2018 9:34:42 AM



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.998 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN052531.D

Acq: 28 Nov 2018 20:21

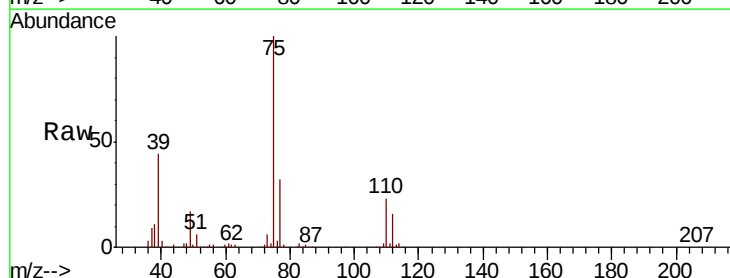
Tgt Ion: 75 Resp: 346846

Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.2

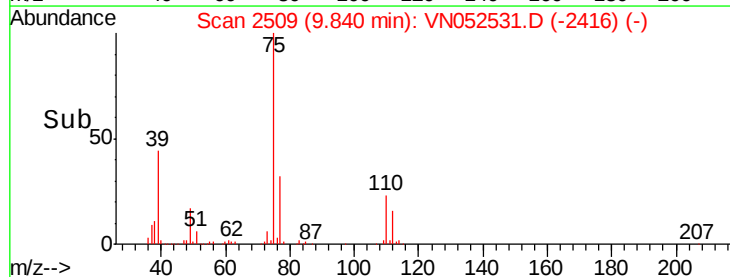
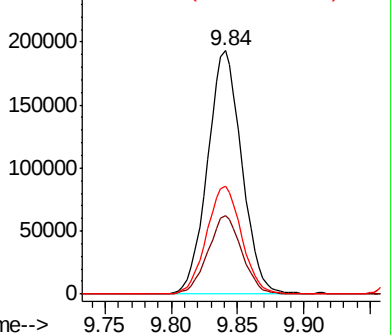
39 44.1 36.0 54.0

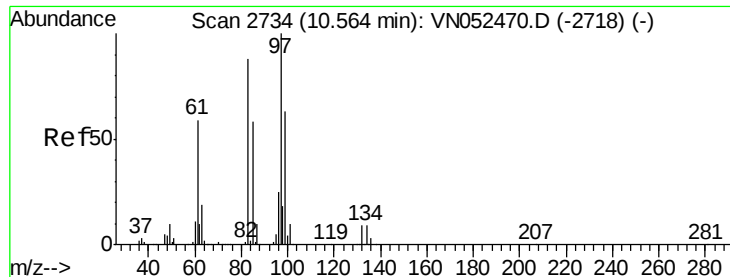


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





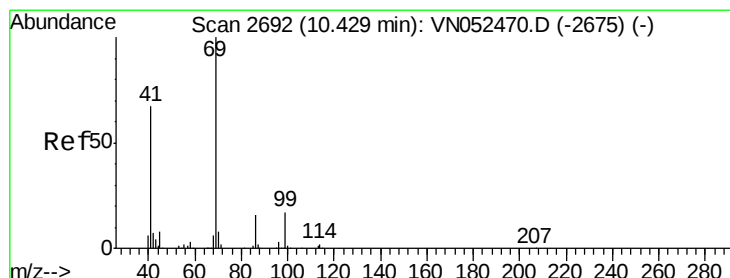
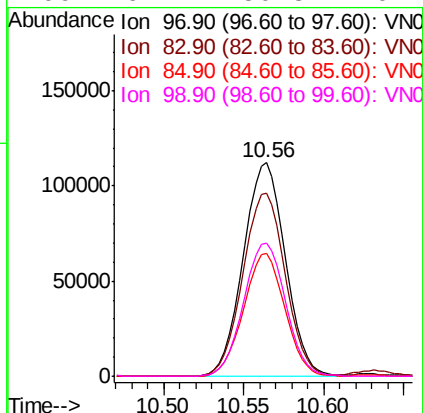
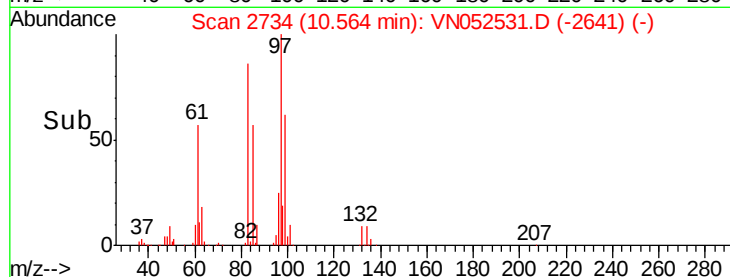
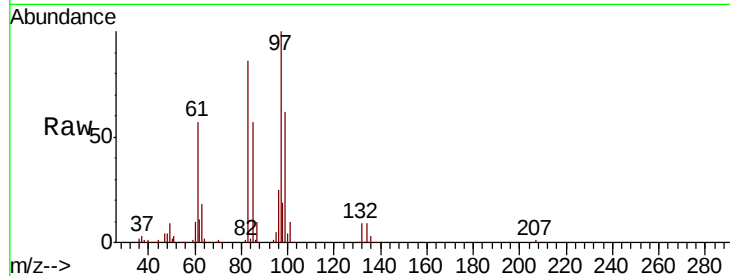
#55
 1,1,2-Trichloroethane
 Concen: 19.481 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128MBSD01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.7	106.1
85	57.4	46.1	69.1
99	62.4	50.8	76.2

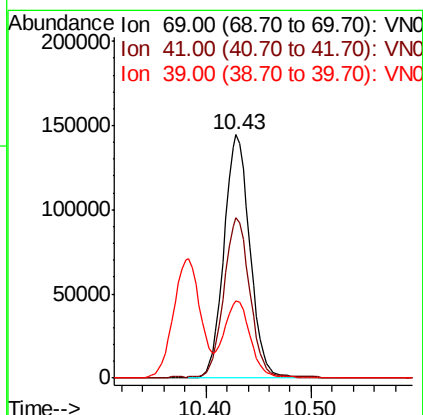
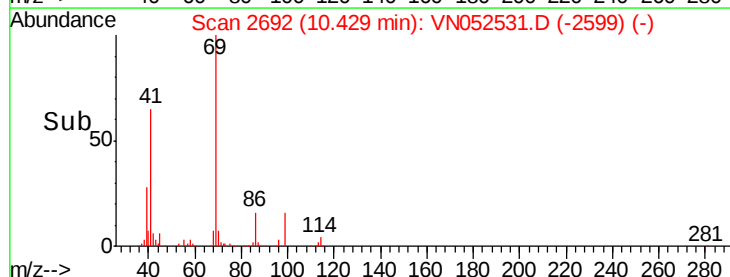
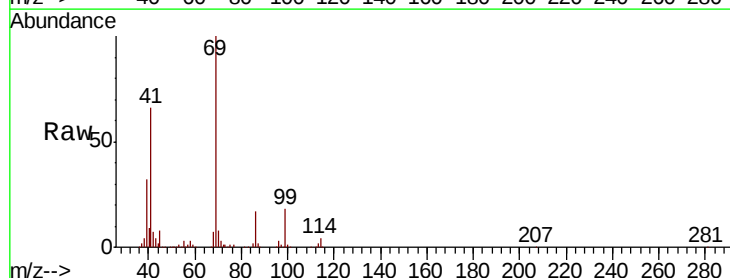
Manual Integrations
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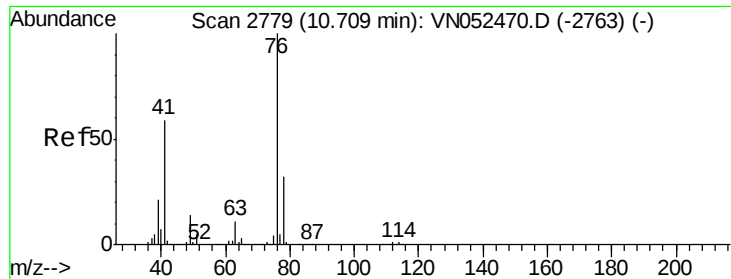
MMDadoda
 11/29/2018 9:34:42 AM



#56
 Ethyl methacrylate
 Concen: 18.906 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.3	52.6	79.0
39	32.4	25.9	38.9





#57

1,3-Dichloropropane

Concen: 18.929 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN052531.D

Acq: 28 Nov 2018 20:21

Instrument :

MSVOA_N

ClientSampleId :

VN1128MBSD01

Tgt Ion: 76 Resp: 345698

Ion Ratio Lower Upper

76 100

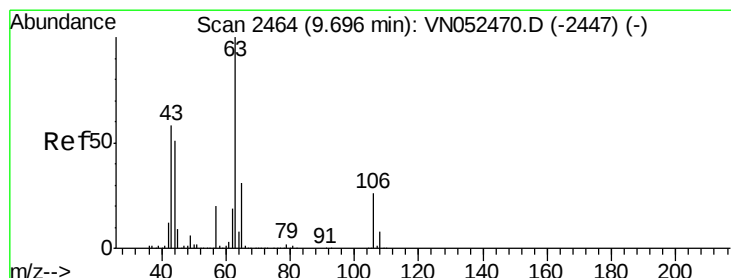
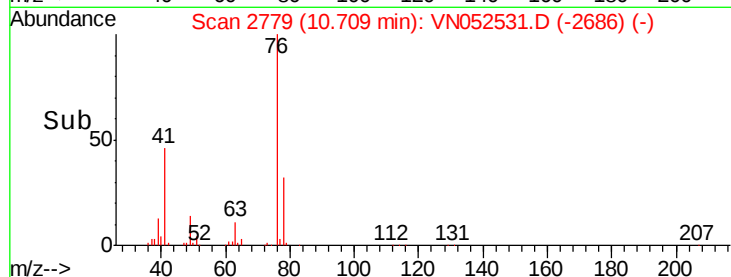
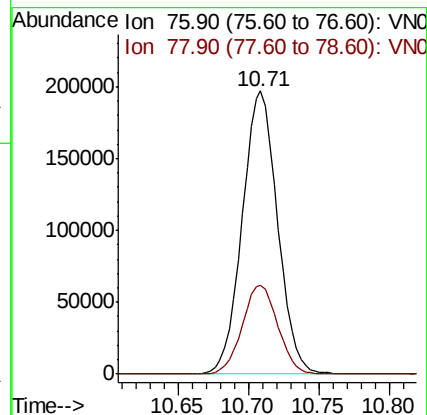
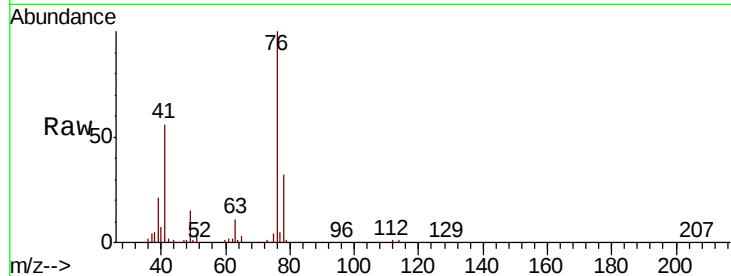
78 31.8 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 91.288 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN052531.D

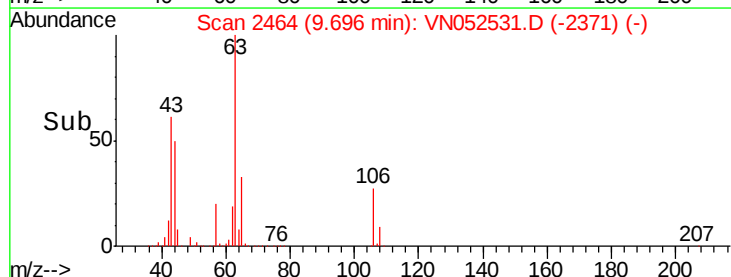
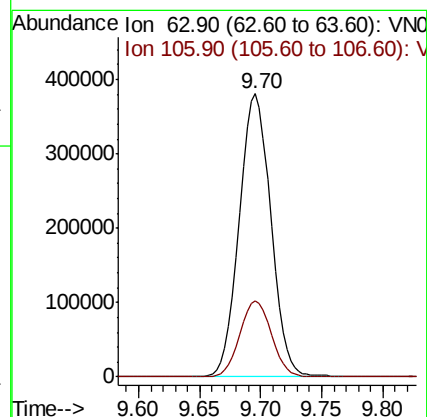
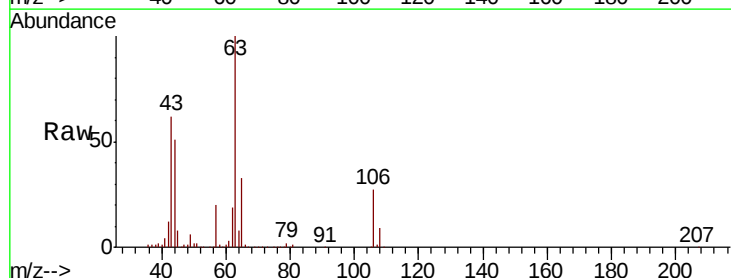
Acq: 28 Nov 2018 20:21

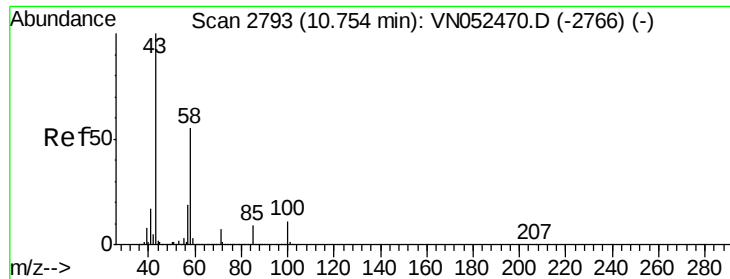
Tgt Ion: 63 Resp: 685124

Ion Ratio Lower Upper

63 100

106 26.9 20.6 30.8





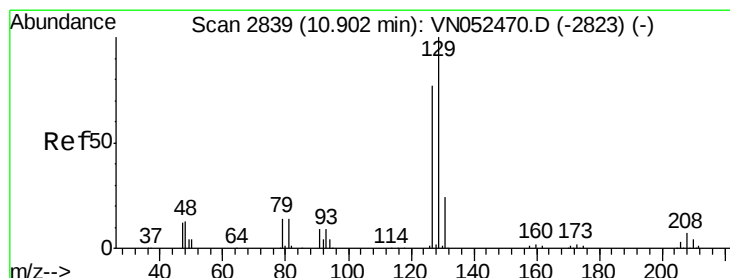
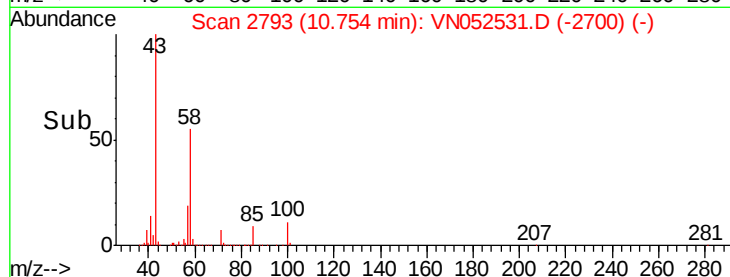
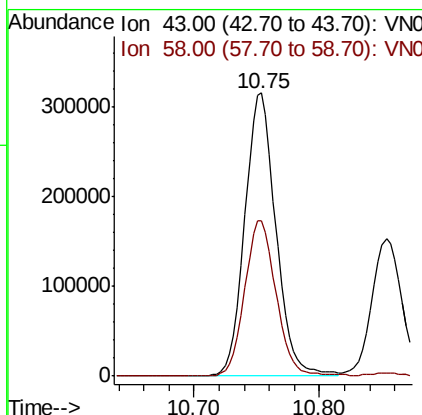
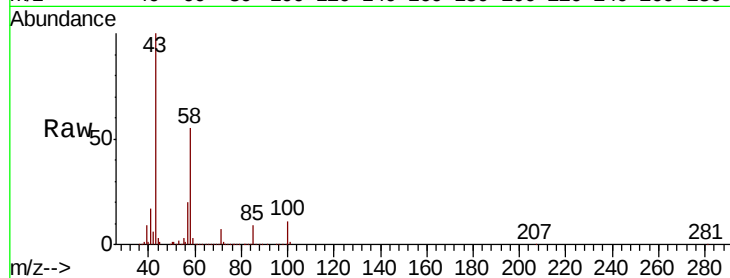
#59
2-Hexanone
Concen: 84.024 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBSD01

Tgt Ion: 43 Resp: 542659
Ion Ratio Lower Upper
43 100
58 55.6 27.4 82.0

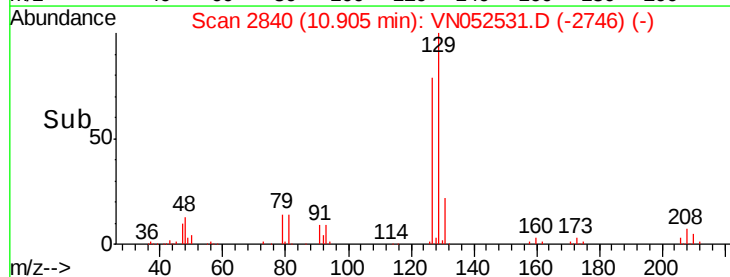
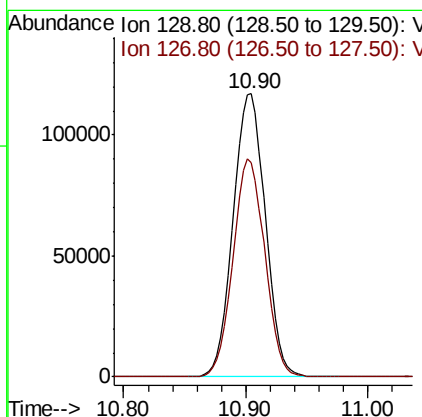
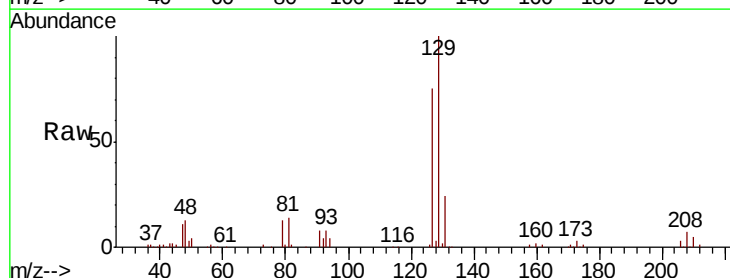
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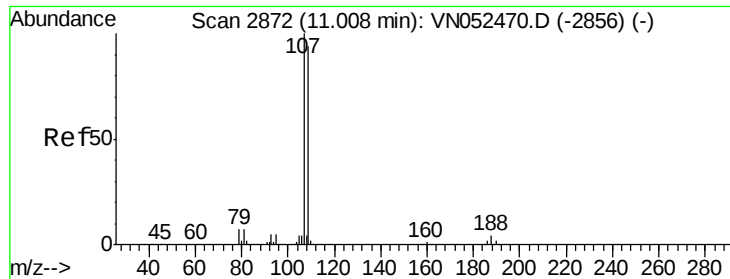
MMDadoda
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#60
Dibromochloromethane
Concen: 19.082 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Tgt Ion: 129 Resp: 214352
Ion Ratio Lower Upper
129 100
127 76.0 38.9 116.6





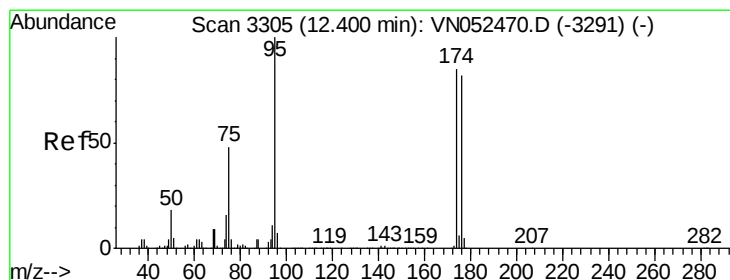
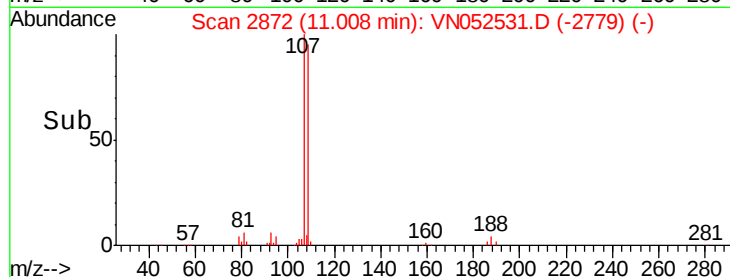
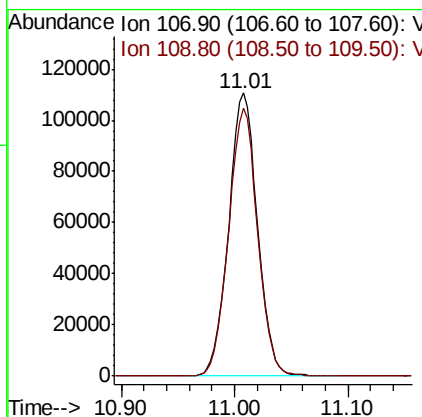
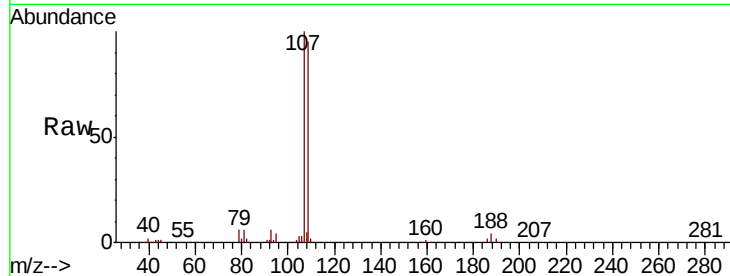
#61
 1,2-Dibromoethane
 Concen: 19.056 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128MBSD01

Tgt Ion: 107 Resp: 195759
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.6 113.4

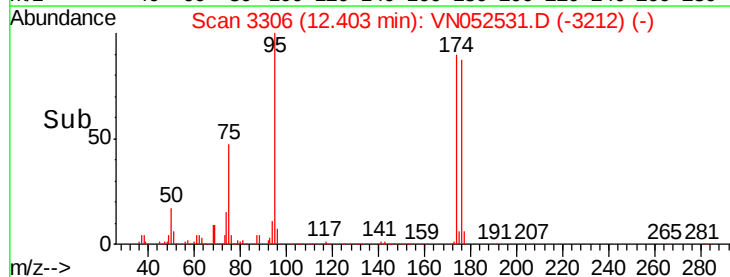
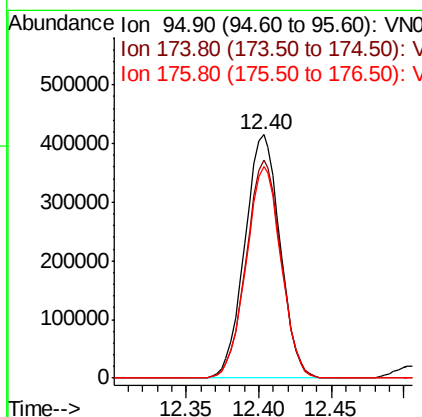
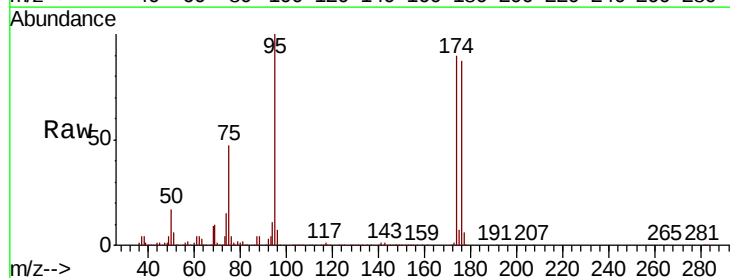
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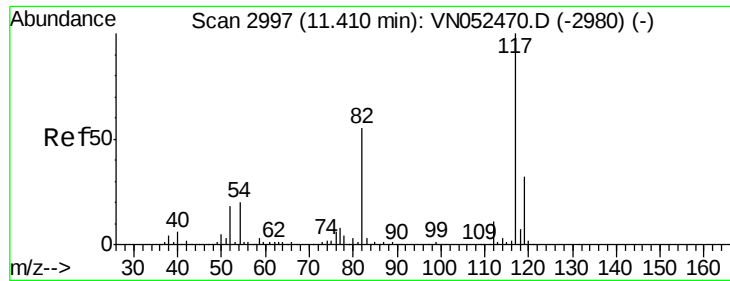
MMDadoda
 11/29/2018 9:34:42 AM



#62
 4-Bromofluorobenzene
 Concen: 19.056 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Tgt Ion: 95 Resp: 703348
 Ion Ratio Lower Upper
 95 100
 174 88.3 0.0 173.0
 176 86.1 0.0 166.2





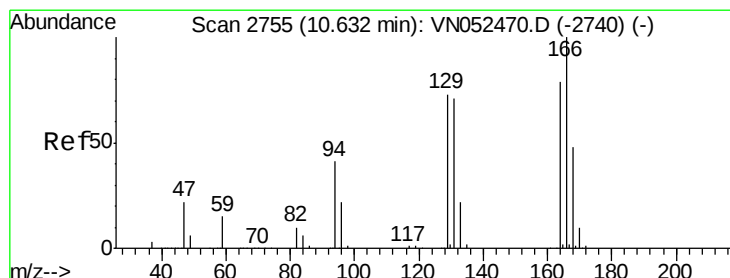
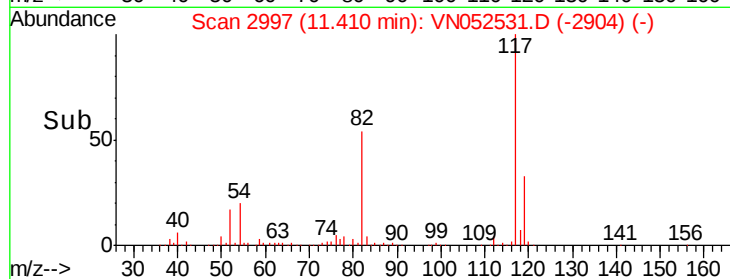
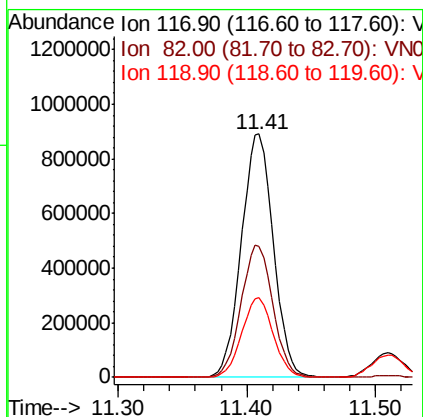
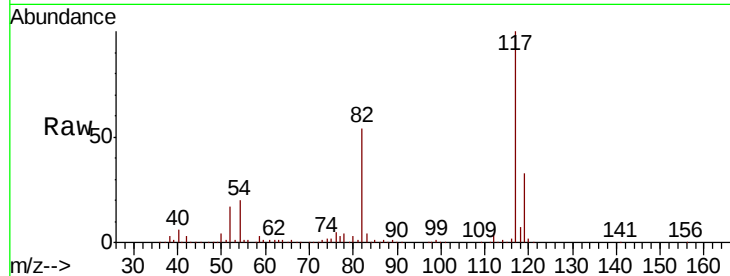
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBSD01

Tgt Ion:117 Resp: 1537268
Ion Ratio Lower Upper
117 100
82 53.8 43.6 65.4
119 32.6 25.4 38.2

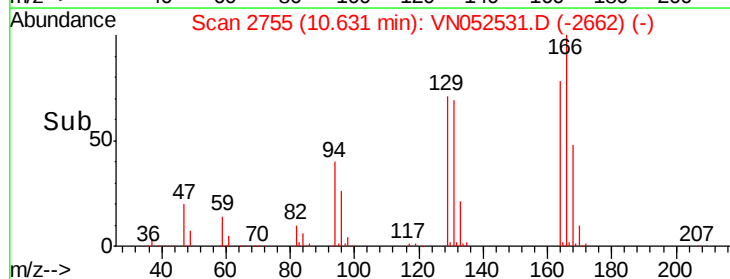
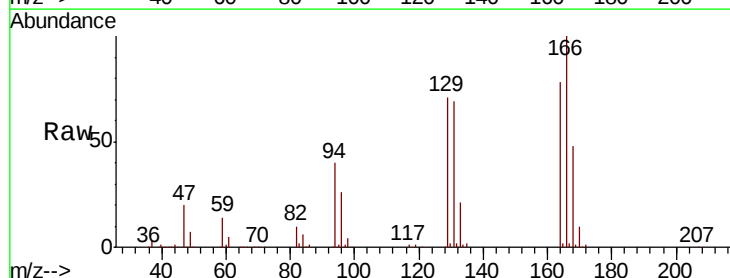
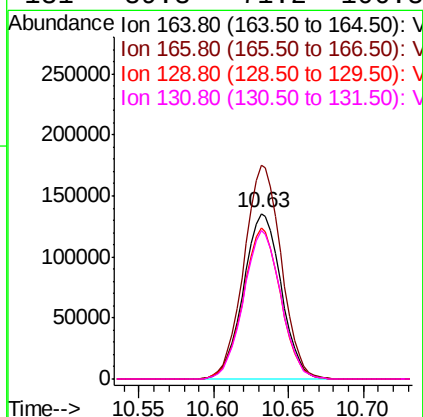
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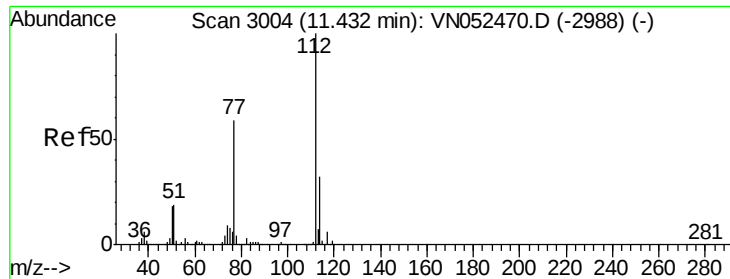
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#64
Tetrachloroethene
Concen: 19.984 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Tgt Ion:164 Resp: 238193
Ion Ratio Lower Upper
164 100
166 128.9 101.0 151.4
129 91.2 73.8 110.6
131 89.3 71.2 106.8





#65

Chlorobenzene

Concen: 20.193 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN052531.D

Acq: 28 Nov 2018 20:21

Instrument :

MSVOA_N

ClientSampleId :

VN1128MBSD01

Tgt Ion:112 Resp: 640099

Ion Ratio Lower Upper

112 100

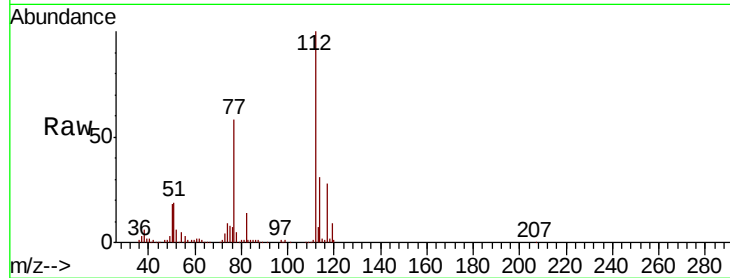
114 31.1 25.8 38.6

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

400000

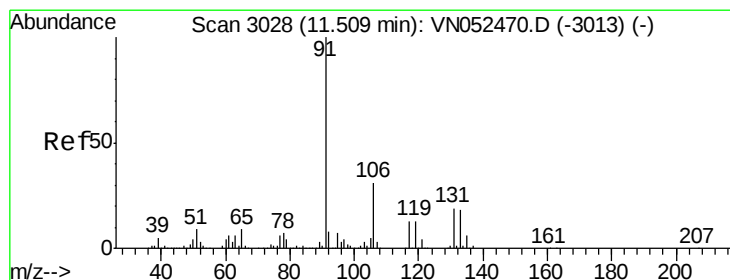
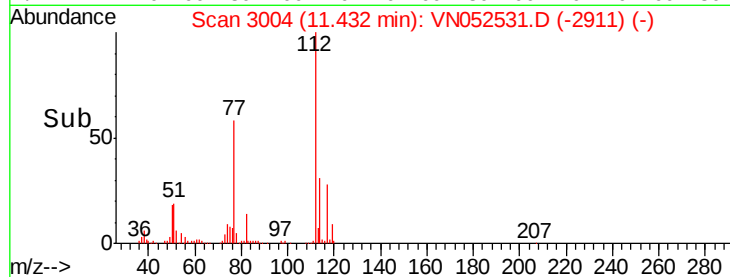
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.721 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN052531.D

Acq: 28 Nov 2018 20:21

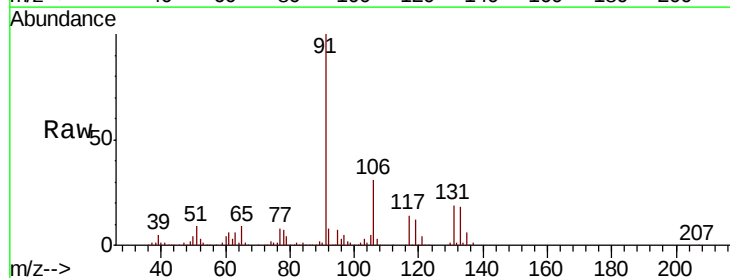
Tgt Ion:131 Resp: 217354

Ion Ratio Lower Upper

131 100

133 95.3 47.6 142.8

119 67.1 33.2 99.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

400000

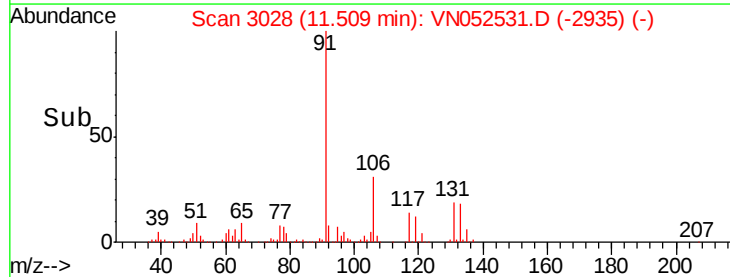
300000

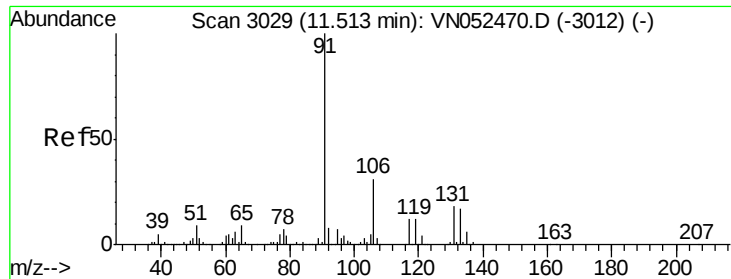
200000

100000

0

Time-->





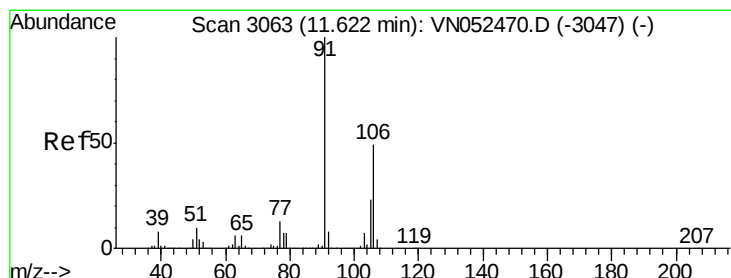
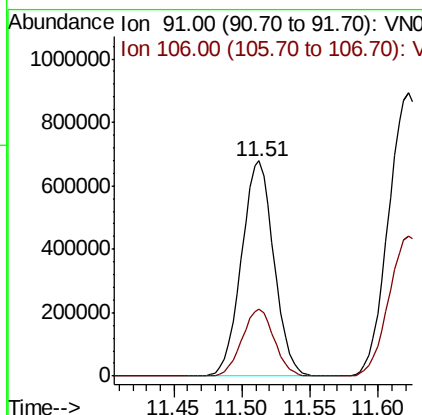
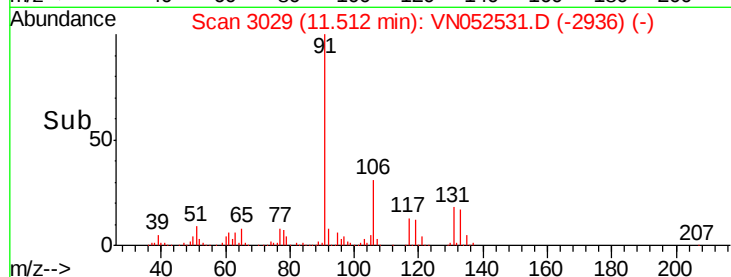
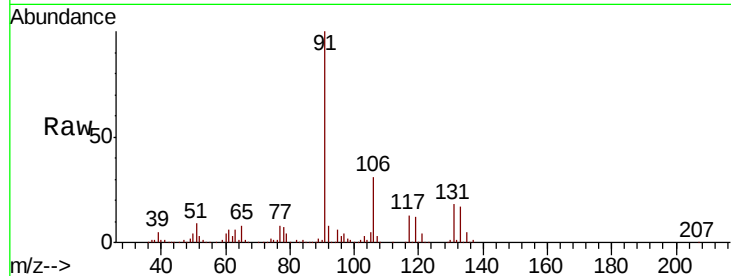
#67
Ethyl Benzene
Concen: 20.098 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBSD01

Tgt Ion: 91 Resp: 1115618
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

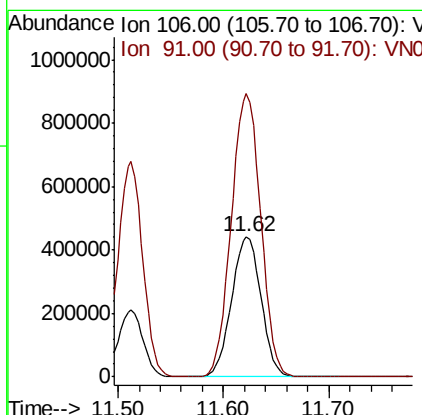
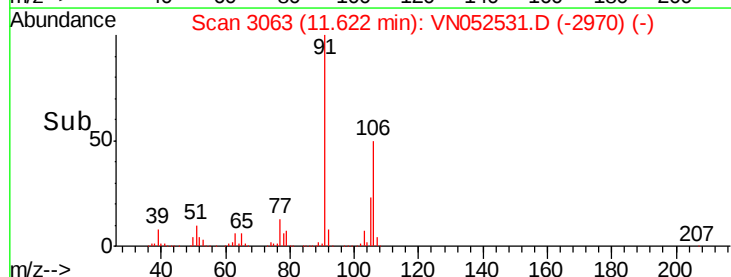
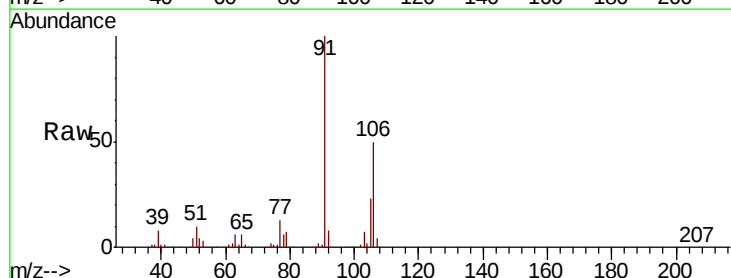
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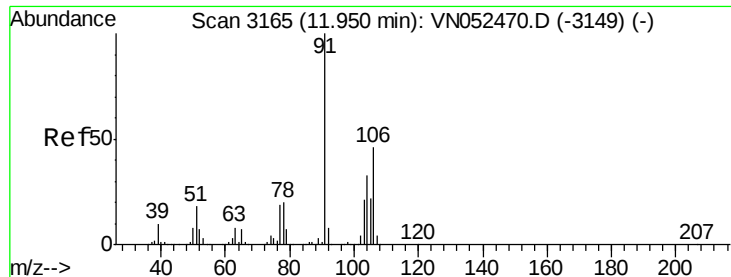
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#68
m/p-Xylenes
Concen: 41.268 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Tgt Ion: 106 Resp: 852799
Ion Ratio Lower Upper
106 100
91 202.6 163.2 244.8





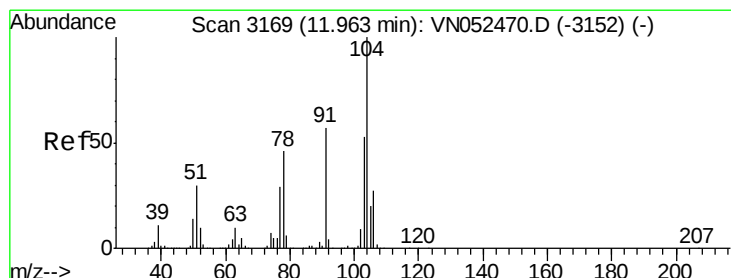
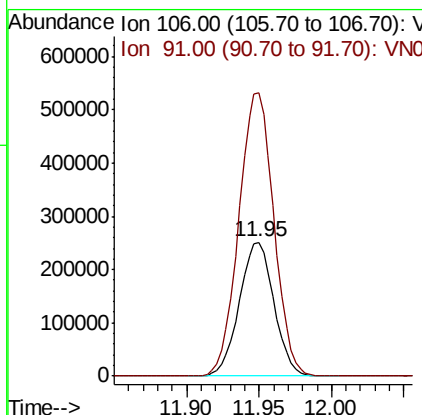
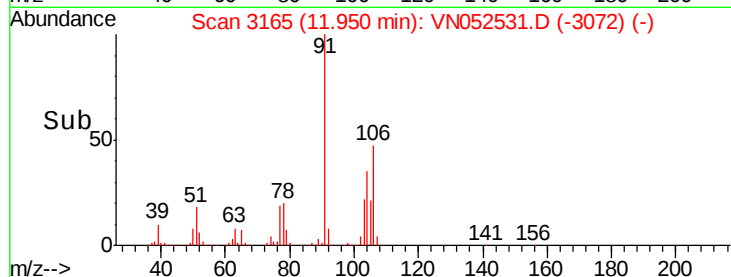
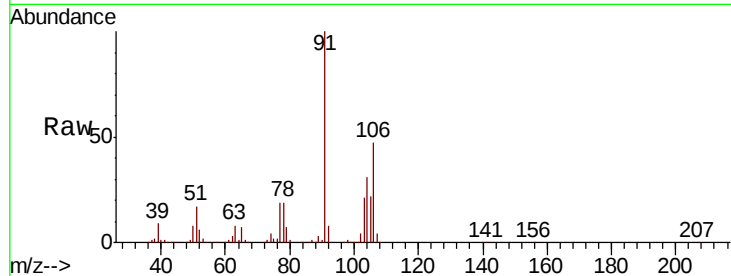
#69
o-Xylene
Concen: 20.791 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBSD01

Tgt Ion:106 Resp: 417209
Ion Ratio Lower Upper
106 100
91 214.0 107.7 323.1

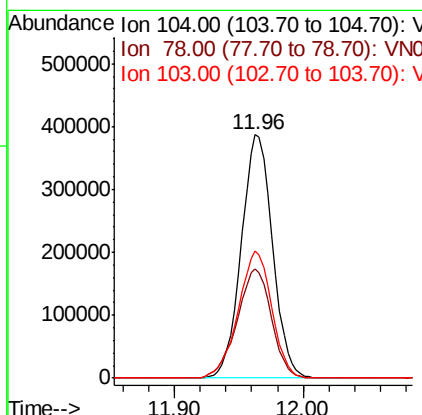
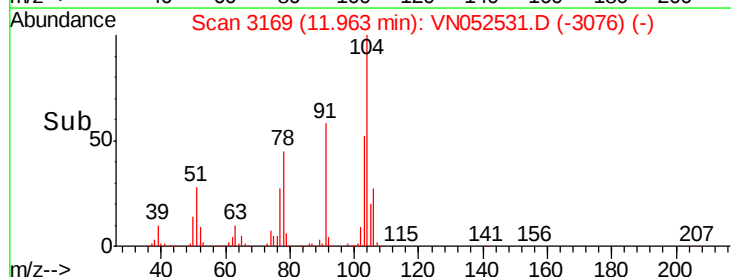
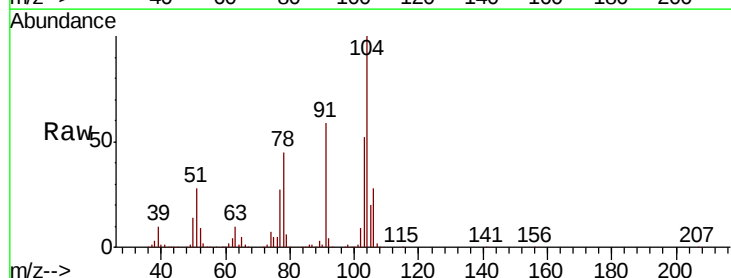
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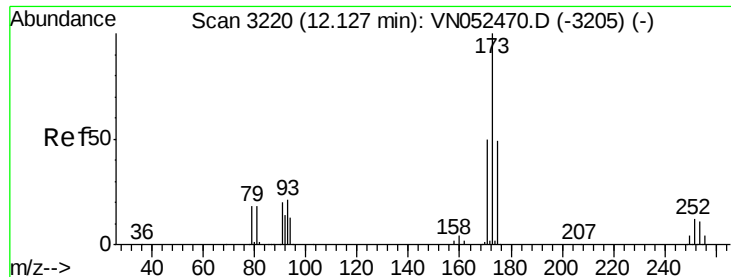
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#70
Styrene
Concen: 20.417 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Tgt Ion:104 Resp: 652588
Ion Ratio Lower Upper
104 100
78 49.3 39.4 59.2
103 56.0 44.9 67.3





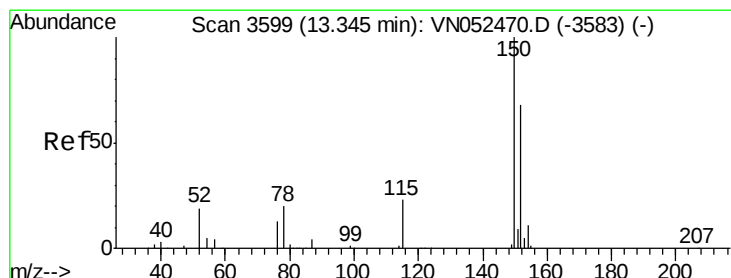
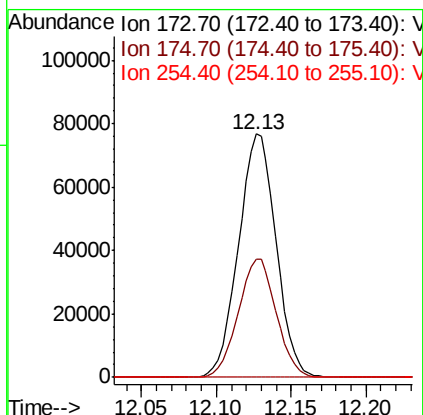
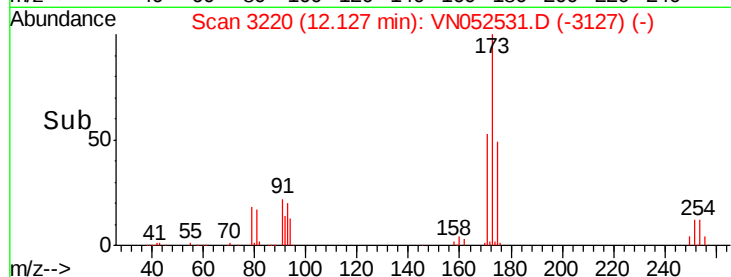
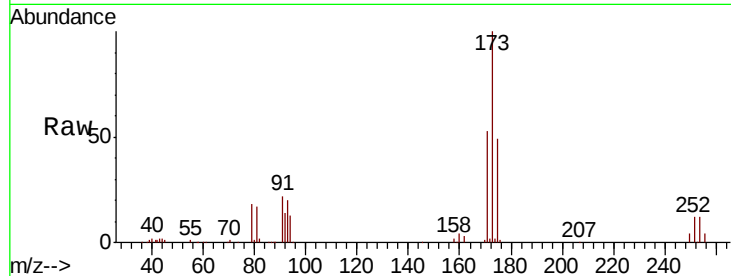
#71
Bromoform
Concen: 18.331 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBSD01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.4	73.2
254	0.0	0.1	0.1#

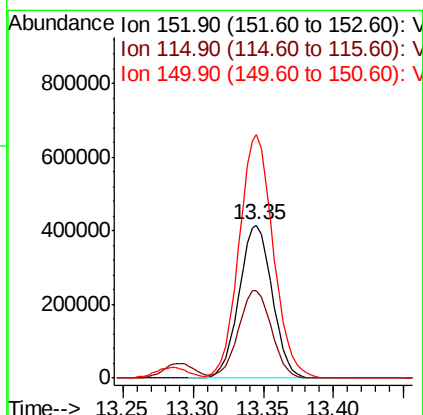
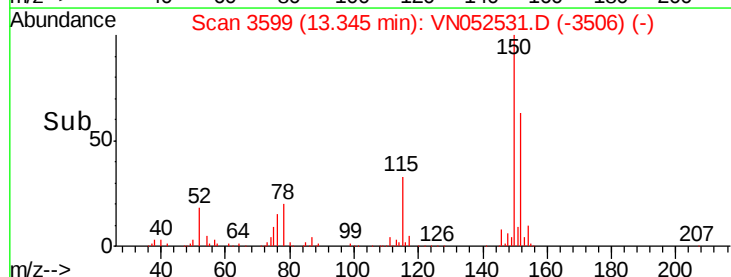
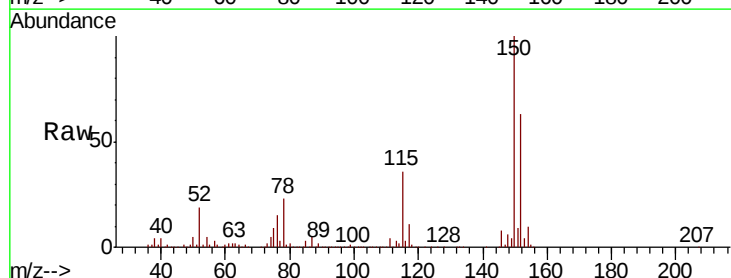
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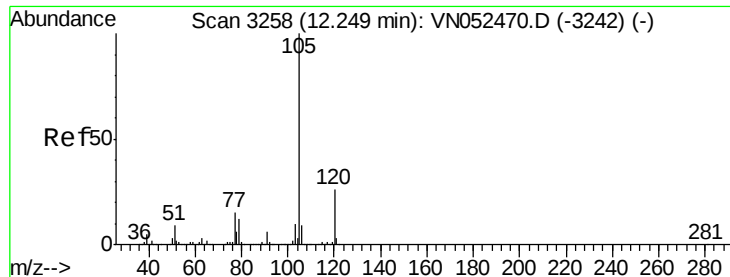
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.4	85.2
150	164.0	0.0	346.0





#73

Isopropylbenzene

Concen: 20.485 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052531.D

Acq: 28 Nov 2018 20:21

Instrument :

MSVOA_N

ClientSampleId :

VN1128MBSD01

Tgt Ion: 105 Resp: 1097763

Ion Ratio Lower Upper

105 100

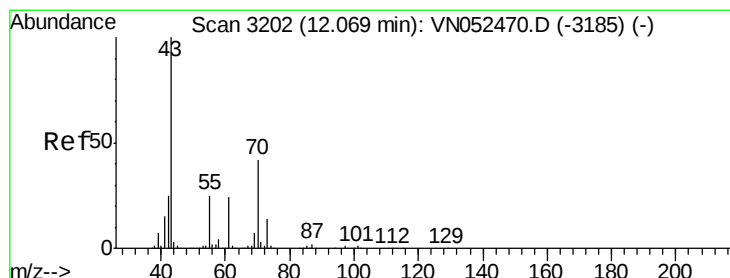
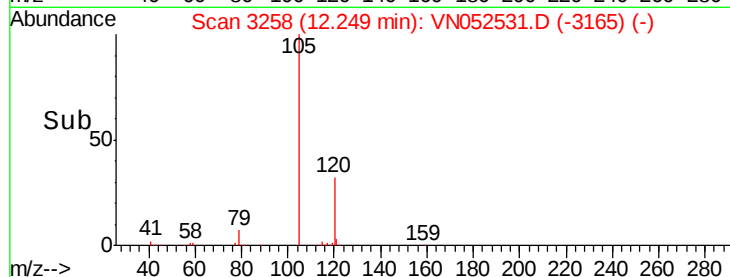
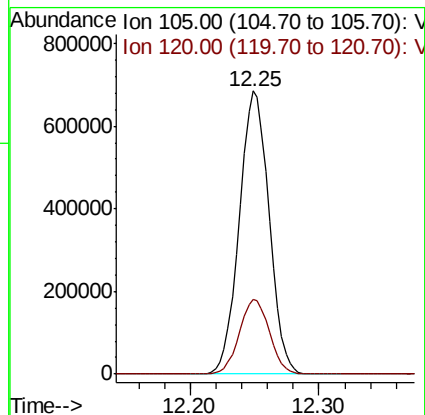
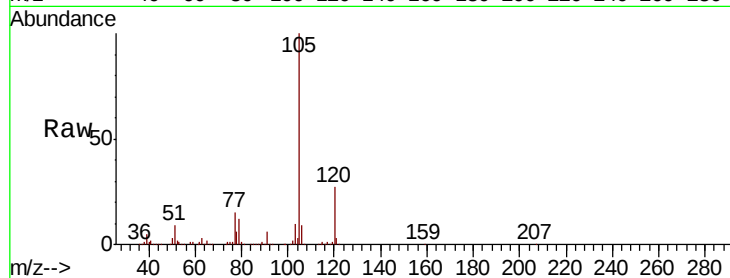
120 26.6 13.1 39.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.920 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052531.D

Acq: 28 Nov 2018 20:21

Tgt Ion: 43 Resp: 256148

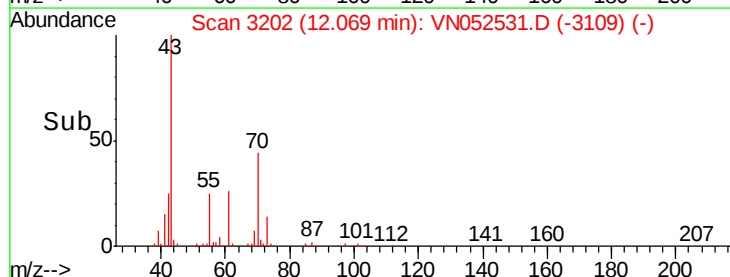
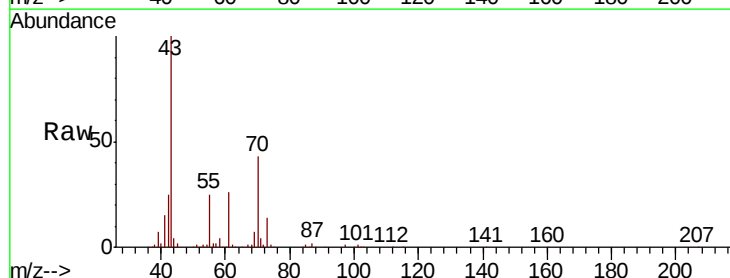
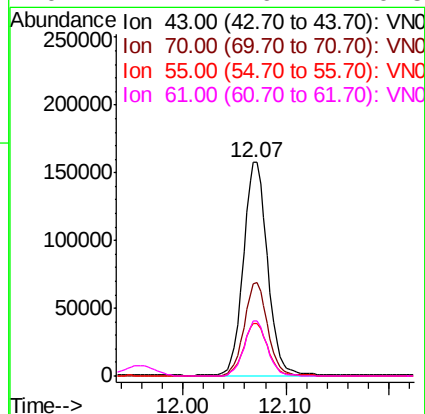
Ion Ratio Lower Upper

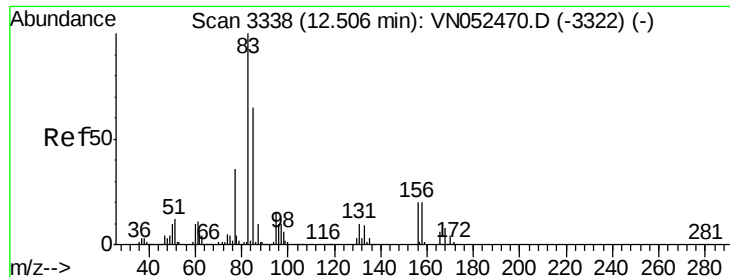
43 100

70 42.5 33.8 50.8

55 24.1 20.0 30.0

61 24.7 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.574 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN052531.D

Acq: 28 Nov 2018 20:21

Instrument :

MSVOA_N

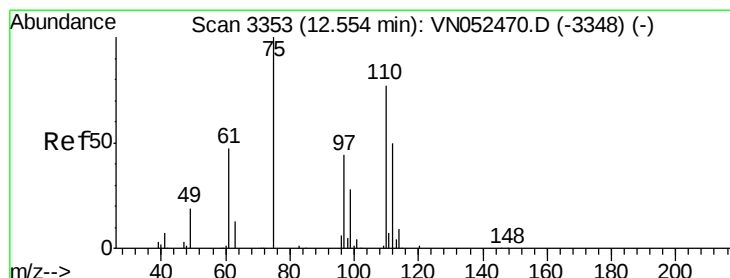
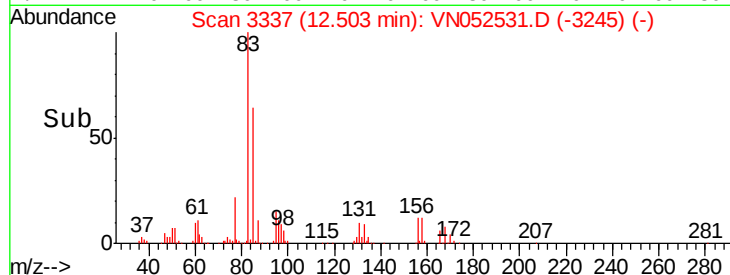
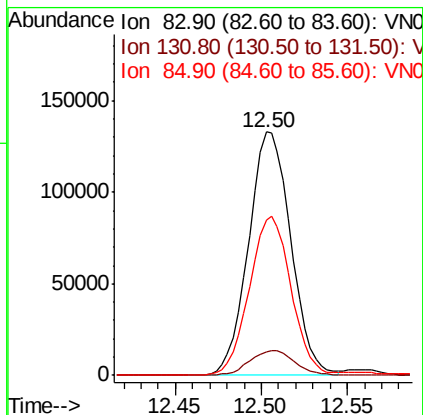
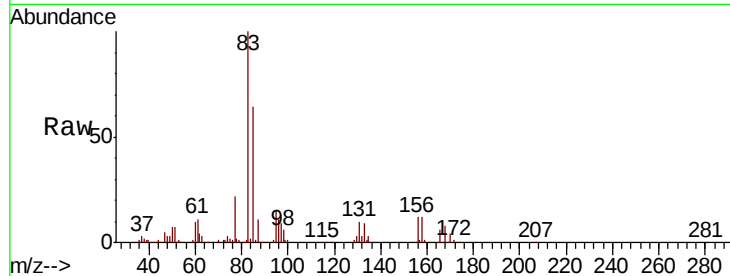
ClientSampleId :

VN1128MBSD01

Tgt Ion:	83	Resp:	226416
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.0	15.0
85	64.3	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.222 ug/l m

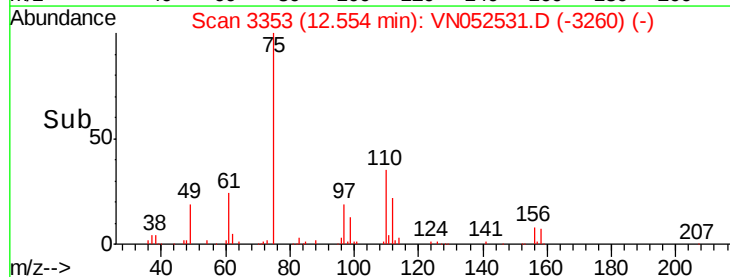
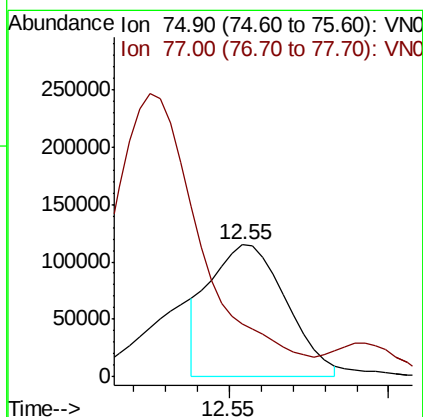
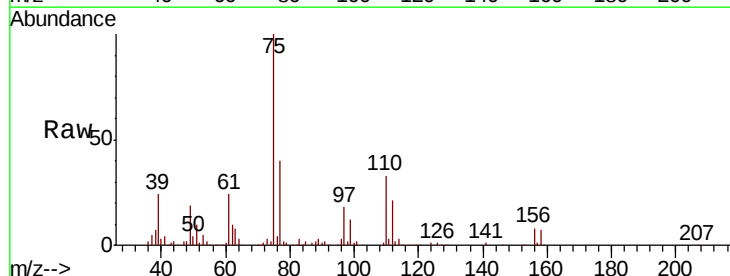
RT: 12.55 min Scan# 3353

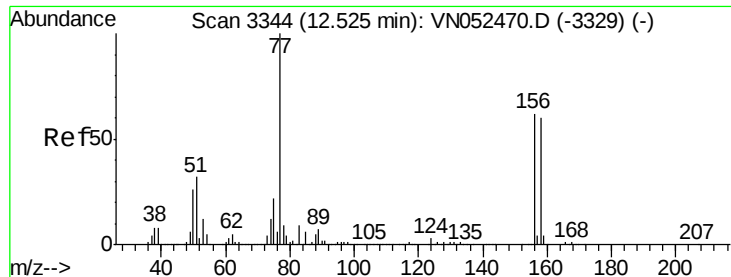
Delta R.T. -0.00 min

Lab File: VN052531.D

Acq: 28 Nov 2018 20:21

Tgt Ion:	75	Resp:	191927
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.622 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052531.D

Acq: 28 Nov 2018 20:21

Instrument :

MSVOA_N

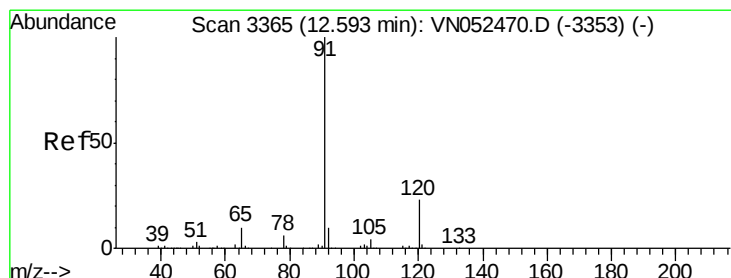
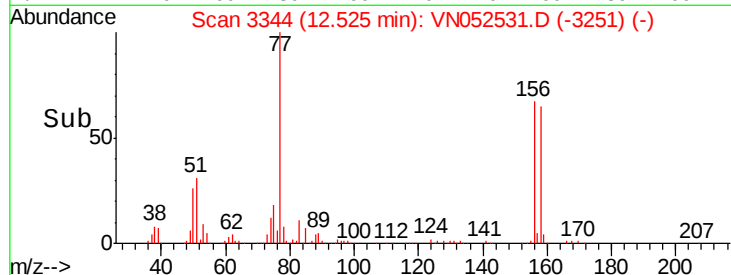
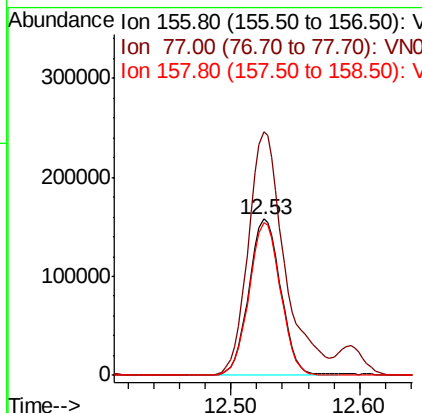
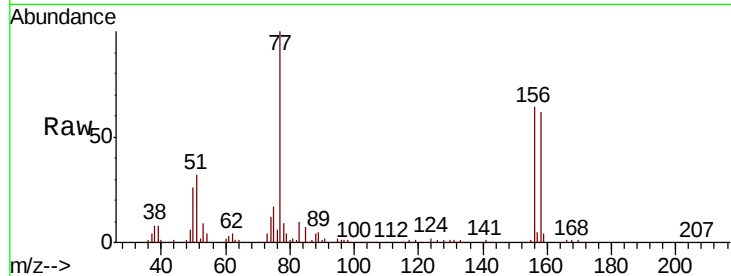
ClientSampleId :

VN1128MBSD01

Tgt Ion:	156	Resp:	273149
Ion Ratio	Lower	Upper	
156	100		
77	177.1	93.5	280.4
158	96.2	48.3	144.9

Manual Integrations
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#78

n-propylbenzene

Concen: 20.281 ug/l

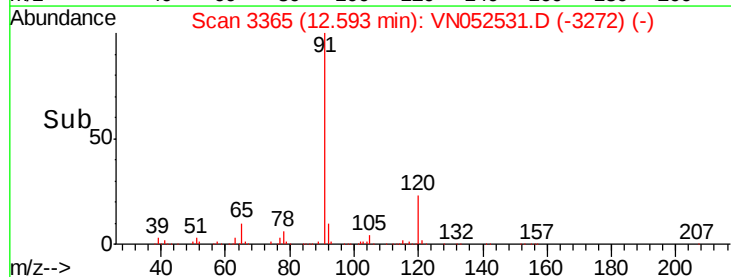
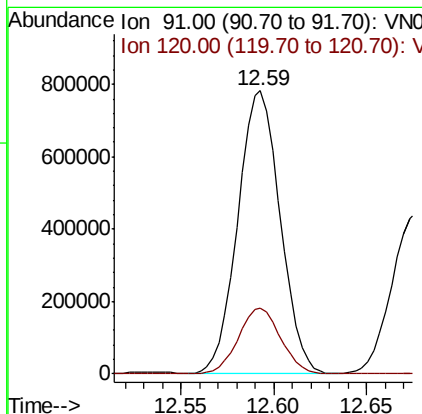
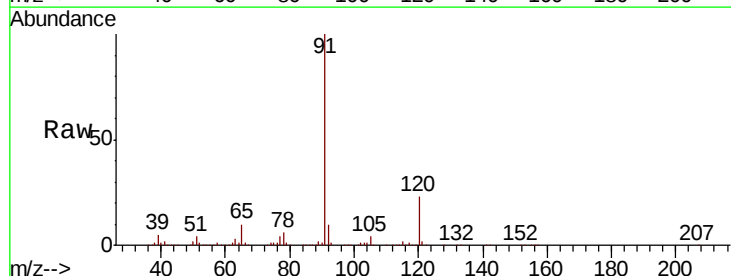
RT: 12.59 min Scan# 3365

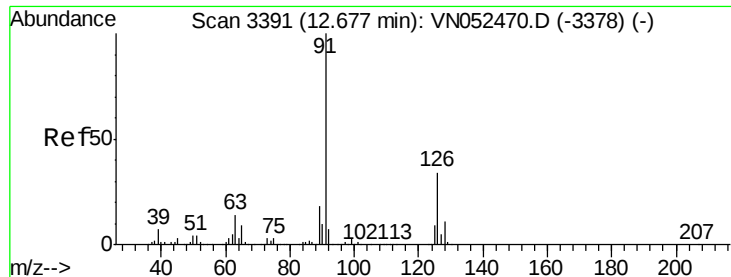
Delta R.T. -0.00 min

Lab File: VN052531.D

Acq: 28 Nov 2018 20:21

Tgt Ion:	91	Resp:	1234654
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.3	33.9





#79

2-Chlorotoluene

Concen: 20.075 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN052531.D

Acq: 28 Nov 2018 20:21

Instrument :

MSVOA_N

ClientSampleId :

VN1128MBSD01

Tgt Ion: 91 Resp: 727773

Ion Ratio Lower Upper

91 100

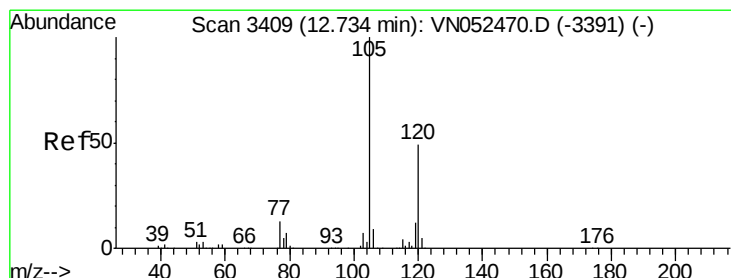
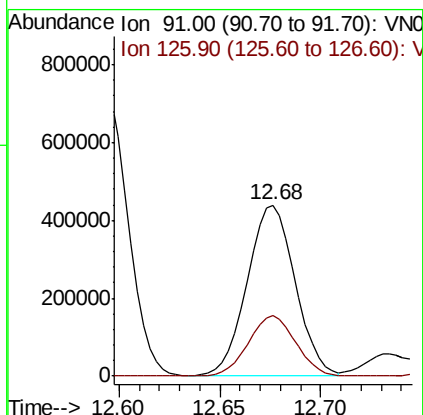
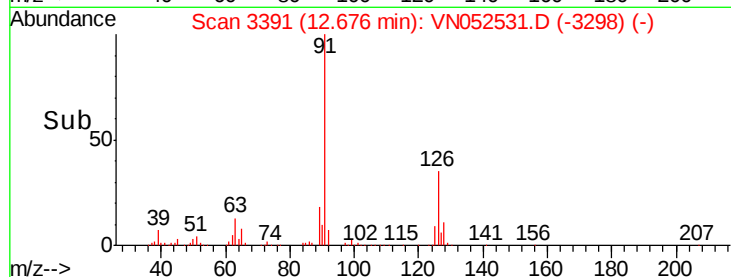
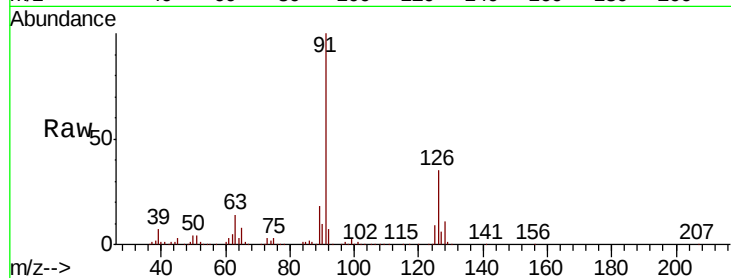
126 35.2 17.2 51.6

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#80

1,3,5-Trimethylbenzene

Concen: 20.870 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN052531.D

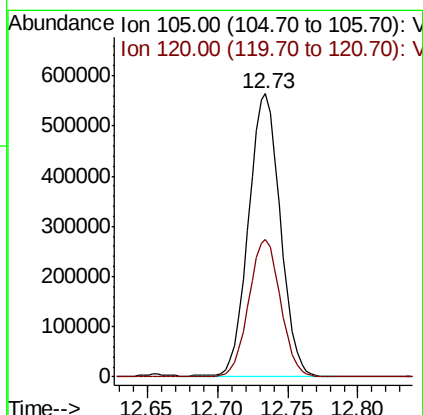
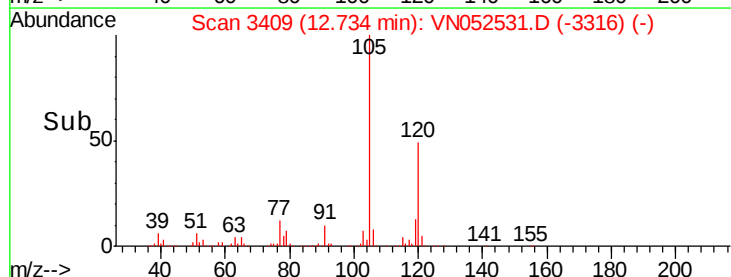
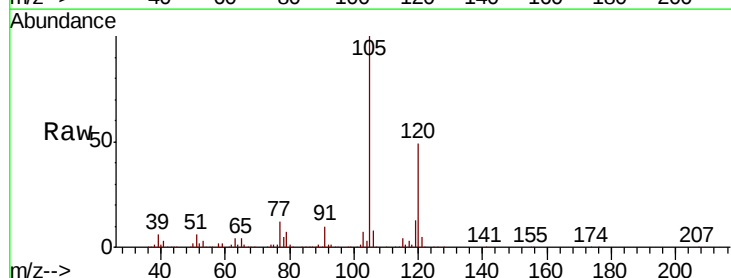
Acq: 28 Nov 2018 20:21

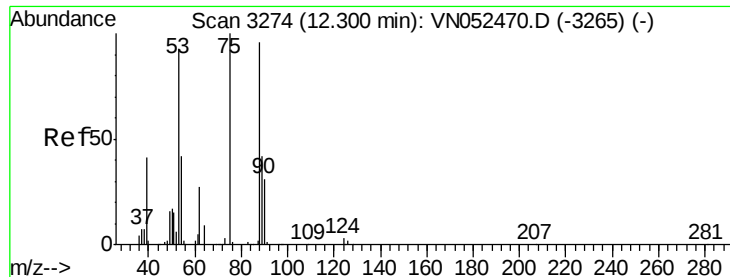
Tgt Ion: 105 Resp: 891932

Ion Ratio Lower Upper

105 100

120 48.5 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 16.622 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052531.D

Acq: 28 Nov 2018 20:21

Instrument :

MSVOA_N

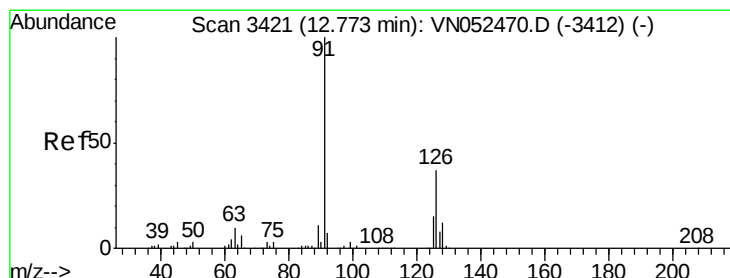
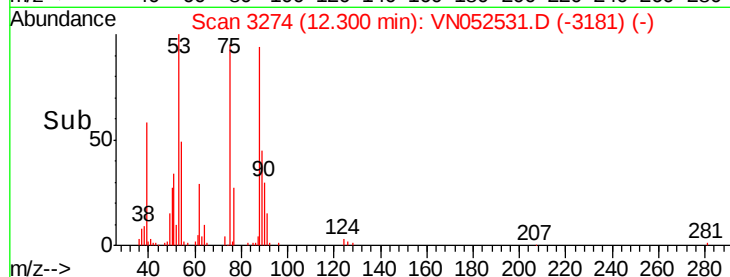
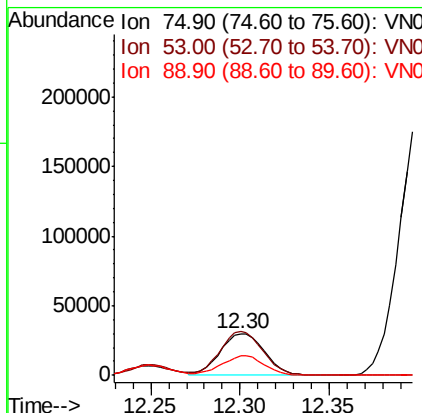
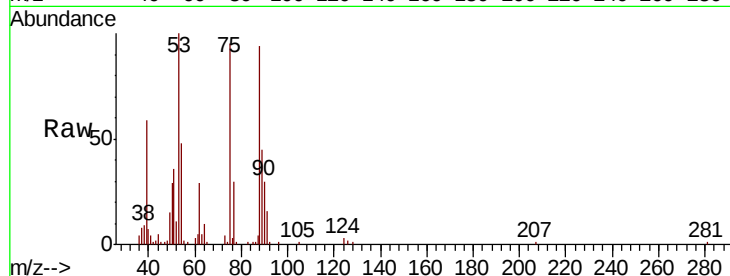
ClientSampleId :

VN1128MBSD01

Tgt Ion:	75	Resp:	52426
Ion	Ratio	Lower	Upper
75	100		
53	99.5	77.4	116.0
89	44.6	35.4	53.2

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#82

4-Chlorotoluene

Concen: 20.095 ug/l

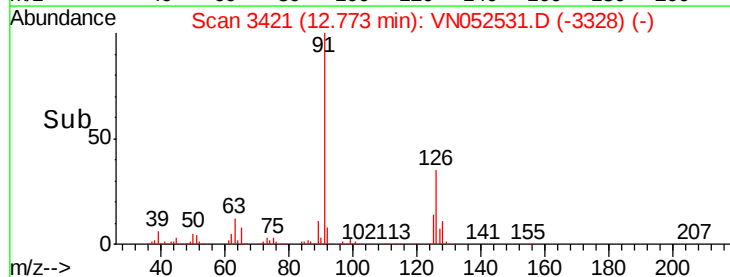
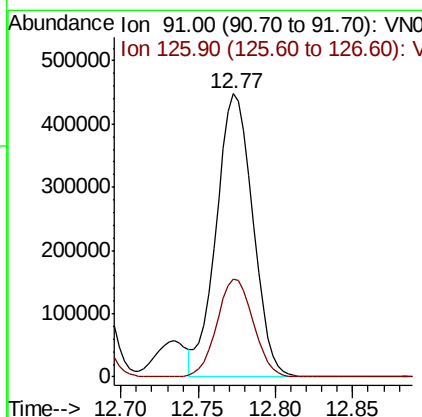
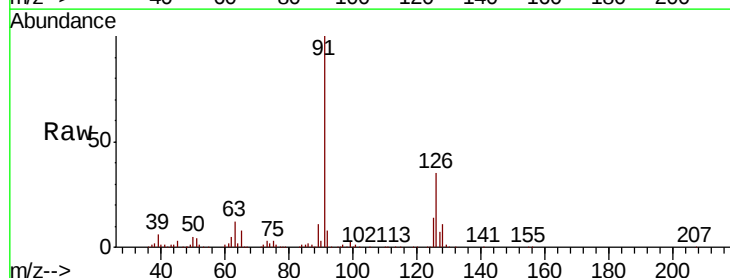
RT: 12.77 min Scan# 3421

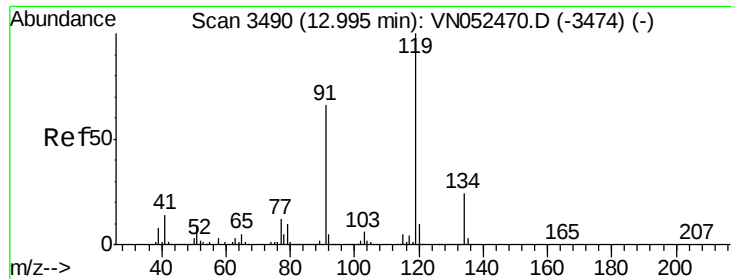
Delta R.T. -0.00 min

Lab File: VN052531.D

Acq: 28 Nov 2018 20:21

Tgt Ion:	91	Resp:	734198
Ion	Ratio	Lower	Upper
91	100		
126	34.4	16.9	50.6





#83

tert-Butylbenzene

Concen: 20.609 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN052531.D

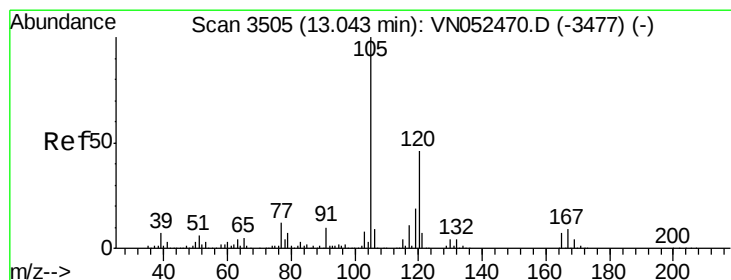
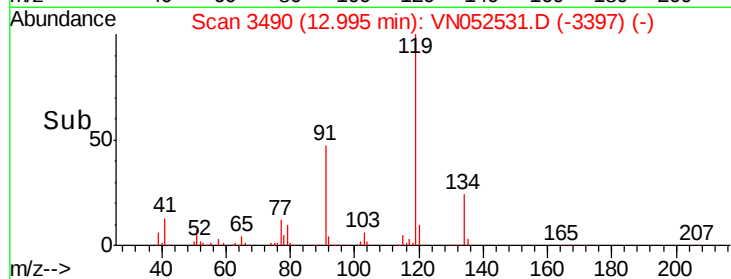
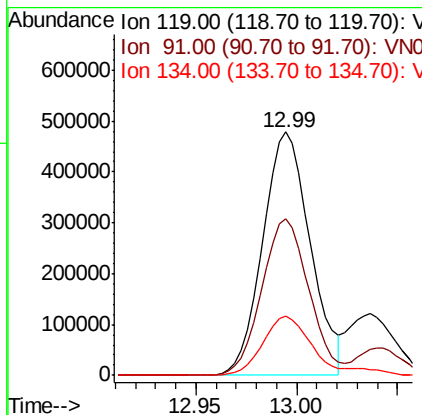
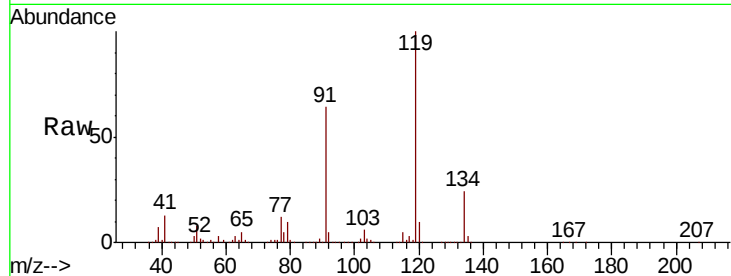
Acq: 28 Nov 2018 20:21

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	785234		
91	63.7	32.3	96.9	
134	26.2	13.0	38.9	

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#84

1,2,4-Trimethylbenzene

Concen: 21.015 ug/l

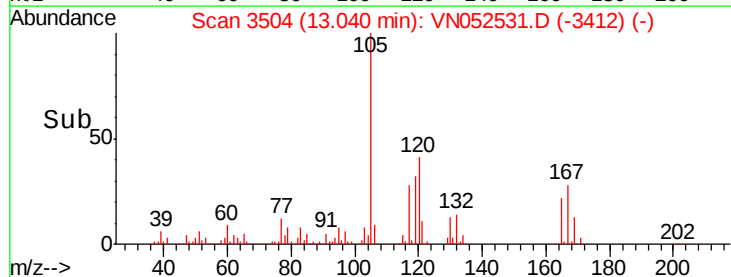
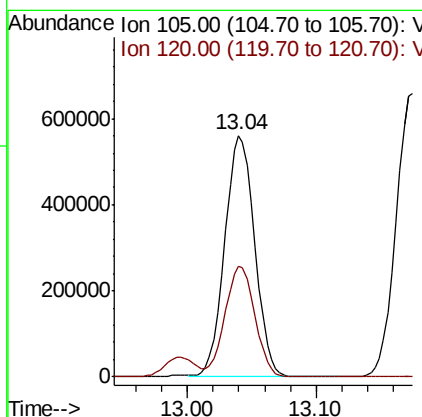
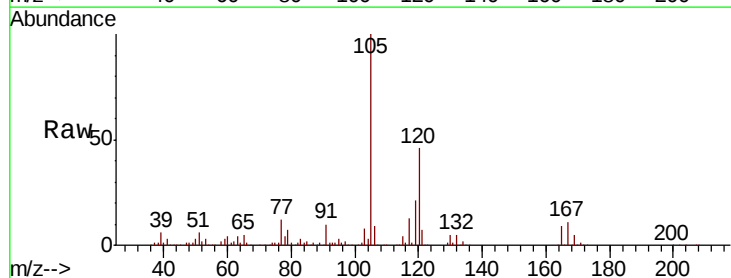
RT: 13.04 min Scan# 3504

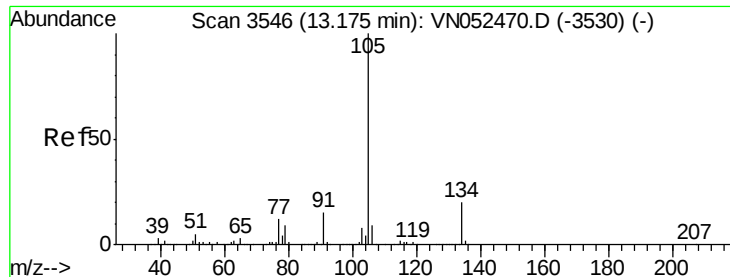
Delta R.T. -0.00 min

Lab File: VN052531.D

Acq: 28 Nov 2018 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	900084		
120	45.6	22.8	68.4	





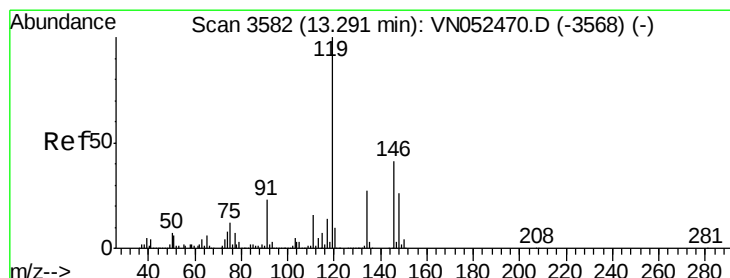
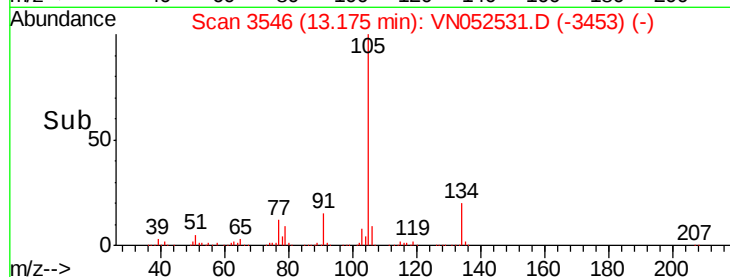
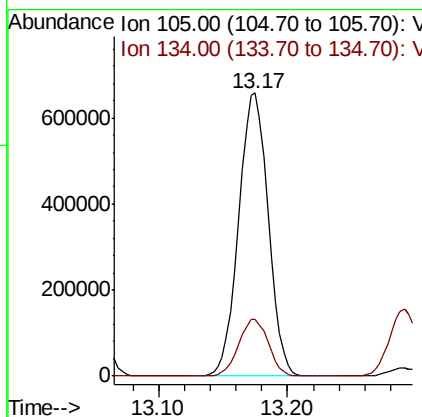
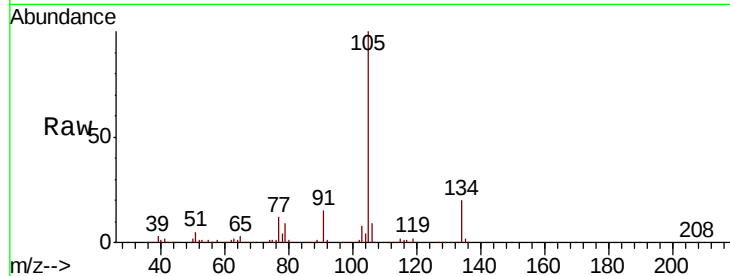
#85
 sec-Butylbenzene
 Concen: 20.201 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. -0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128MBSD01

Tgt Ion:105 Resp: 1048338
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7

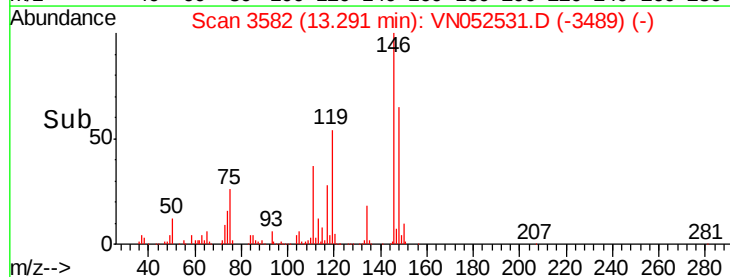
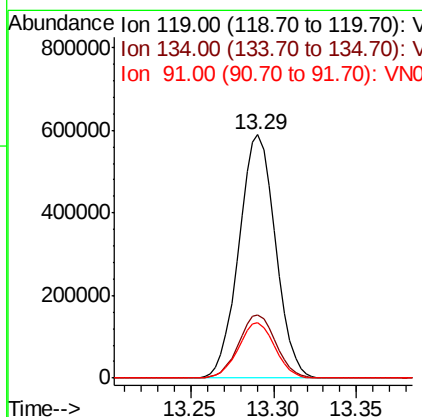
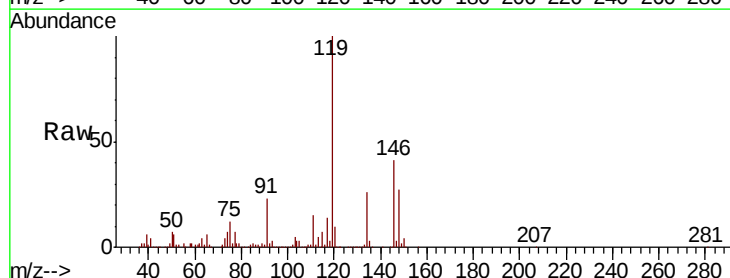
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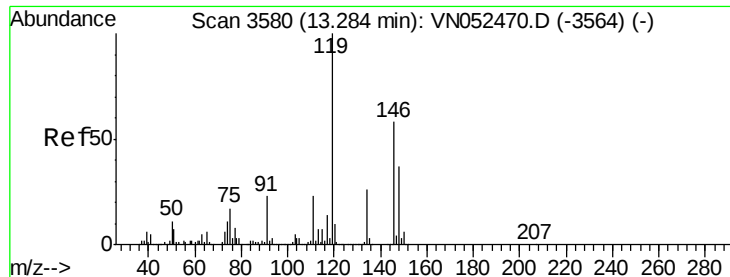
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#86
 p-Isopropyltoluene
 Concen: 20.366 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Tgt Ion:119 Resp: 900190
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.2
 91 22.7 11.4 34.2





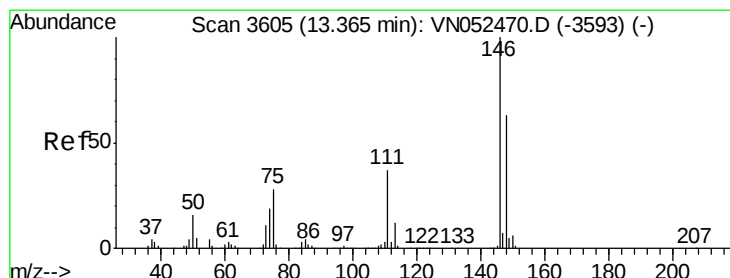
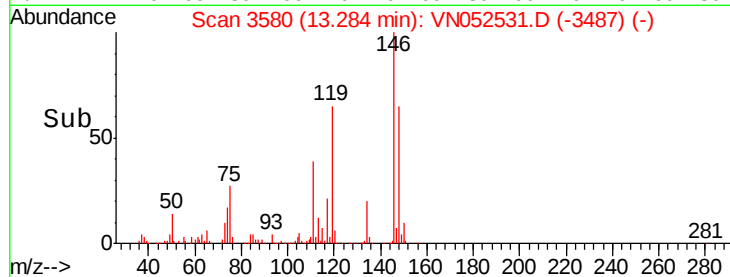
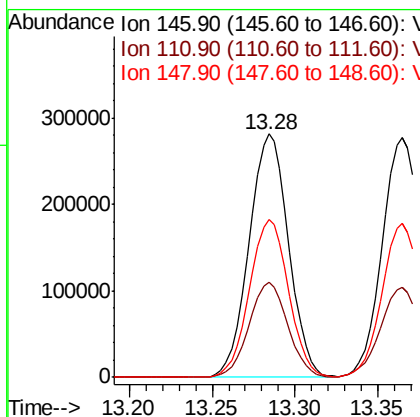
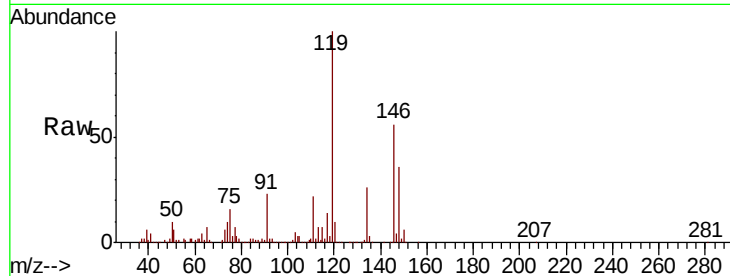
#87
 1,3-Dichlorobenzene
 Concen: 20.120 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128MBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.4	58.4
148	64.4	31.8	95.4

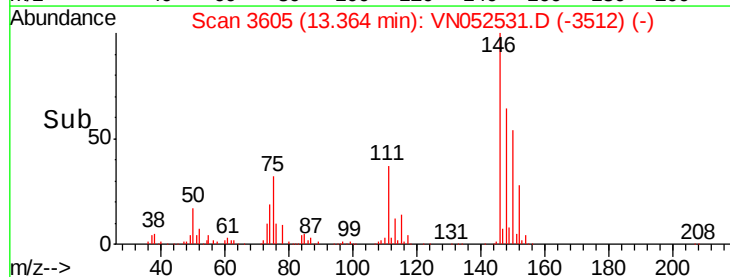
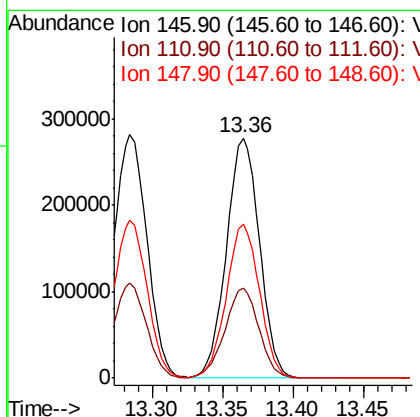
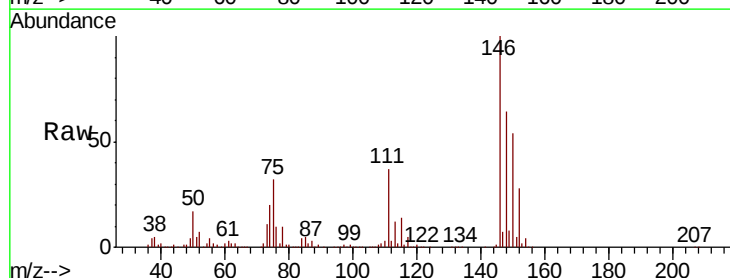
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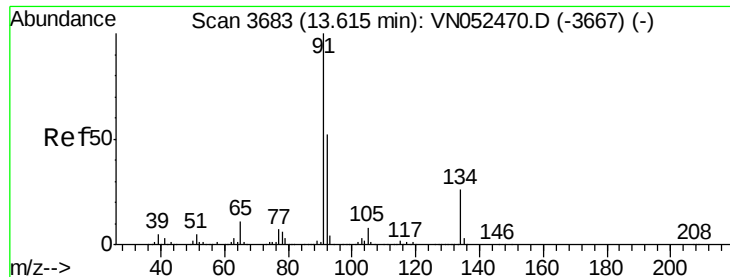
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#88
 1,4-Dichlorobenzene
 Concen: 19.912 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.6	56.0
148	64.7	31.9	95.9





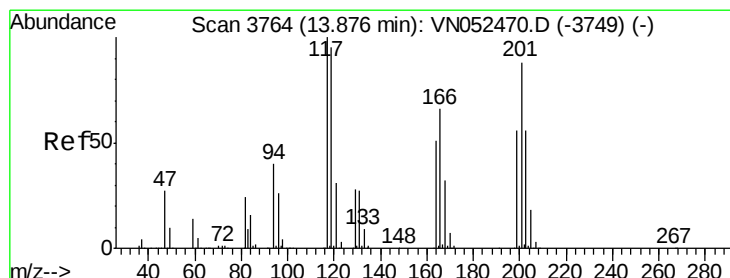
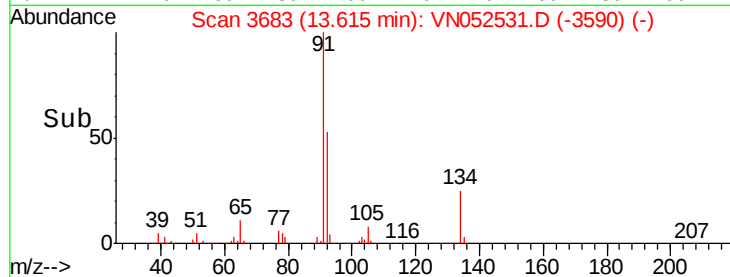
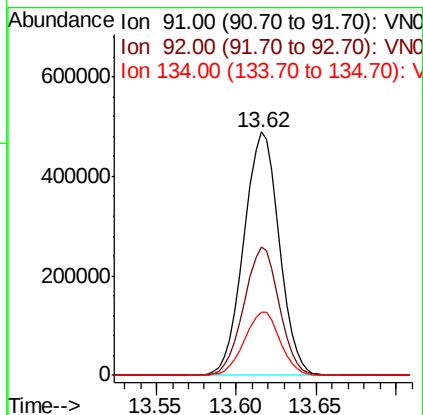
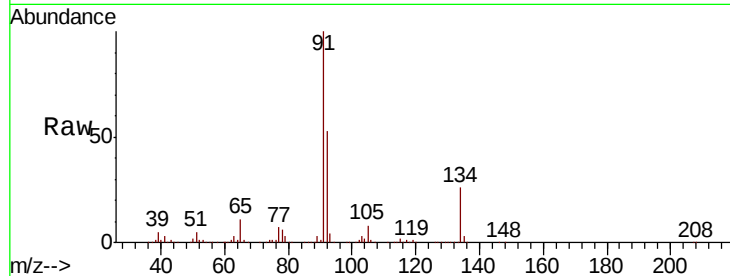
#89
n-Butylbenzene
Concen: 20.053 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.1	78.3
134	26.2	13.0	38.9

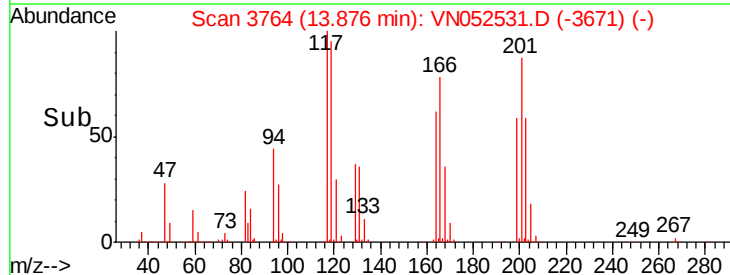
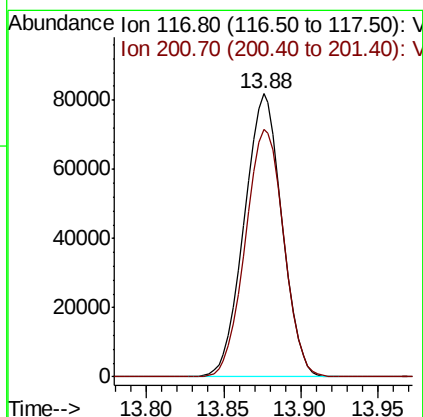
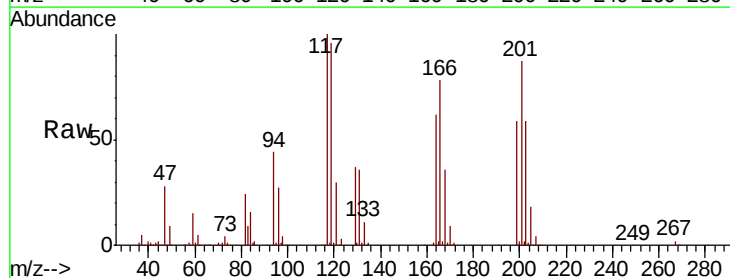
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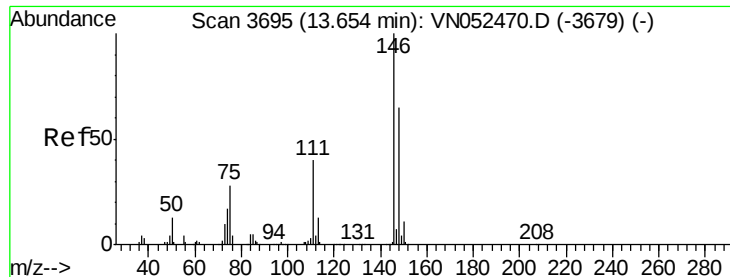
MMDadoda
11/29/2018 9:34:42 AM



#90
Hexachloroethane
Concen: 18.602 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.1	43.6	130.9





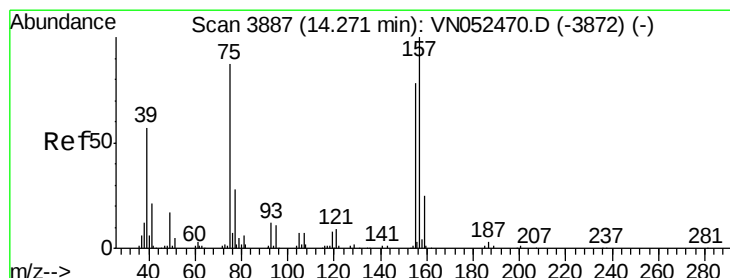
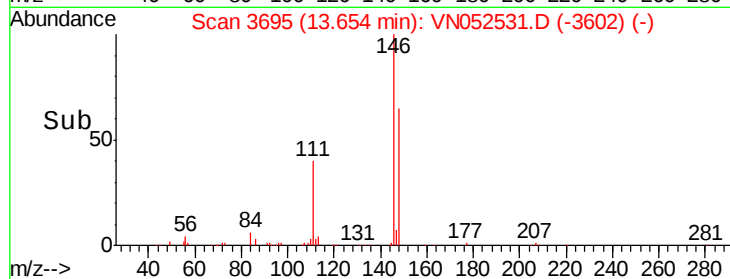
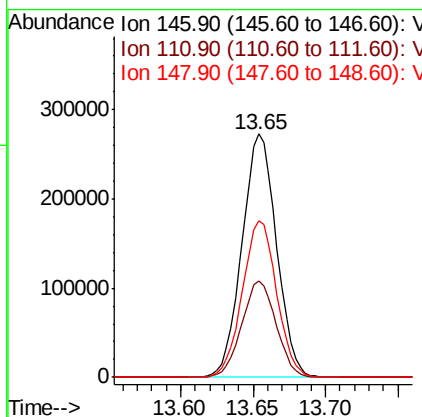
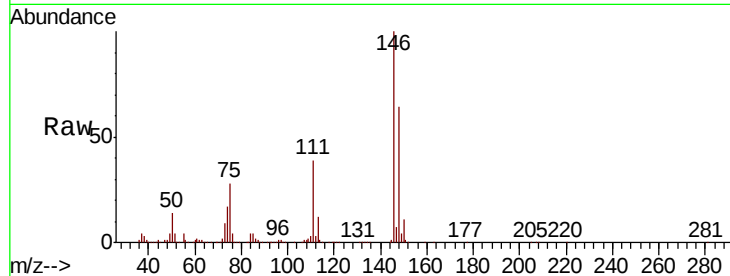
#91
 1,2-Dichlorobenzene
 Concen: 20.401 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128MBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.0	60.0
148	64.0	32.0	96.2

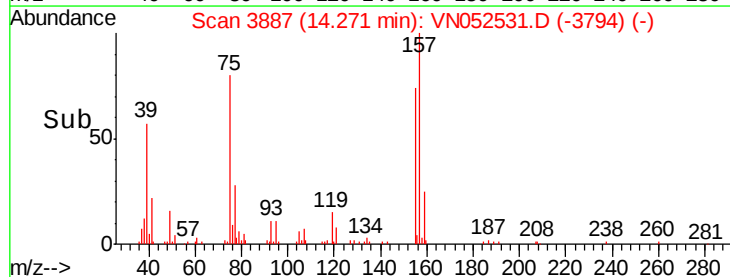
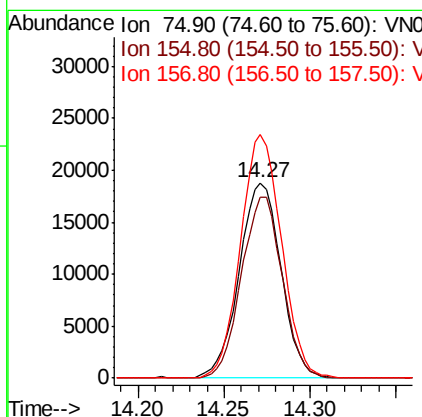
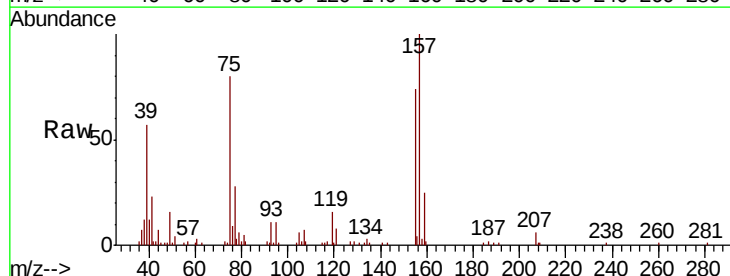
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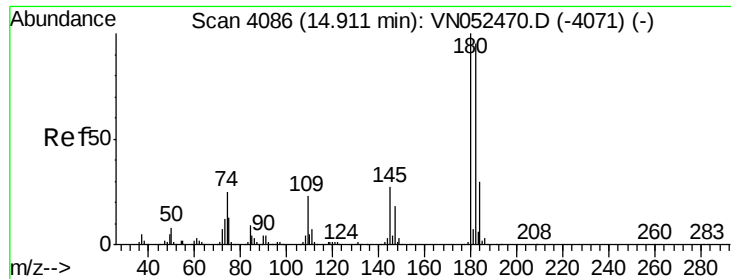
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 11/29/2018 9:34:42 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.193 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN052531.D
 Acq: 28 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.5	45.3	135.9
157	122.1	58.1	174.2





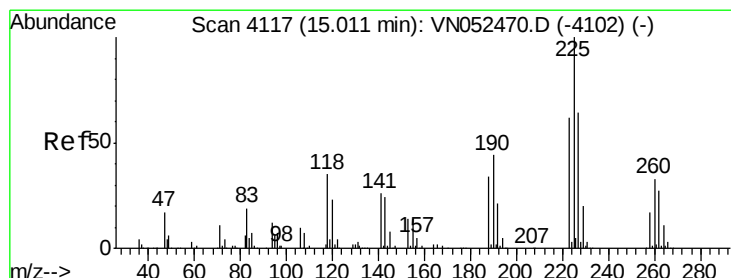
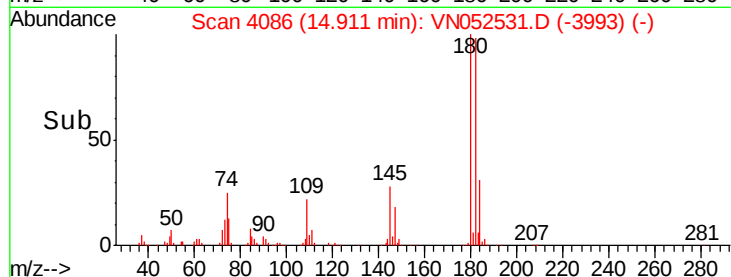
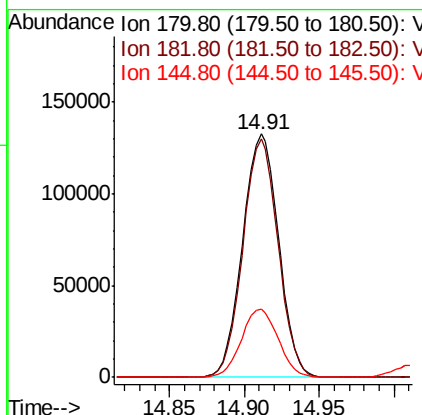
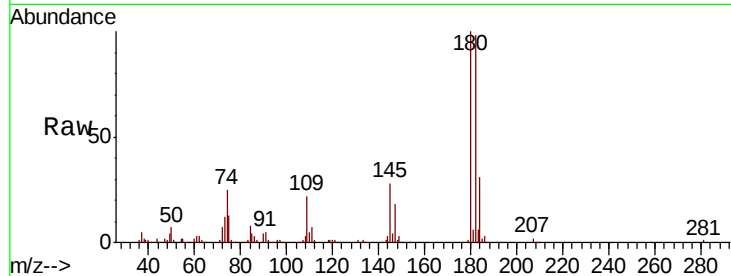
#93
1,2,4-Trichlorobenzene
Concen: 20.145 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	222563		
182	95.7	47.8	143.4	
145	28.7	14.1	42.3	

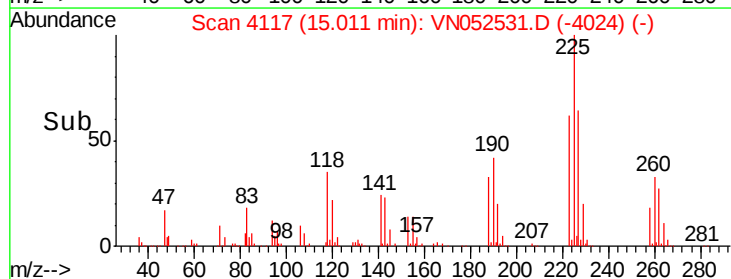
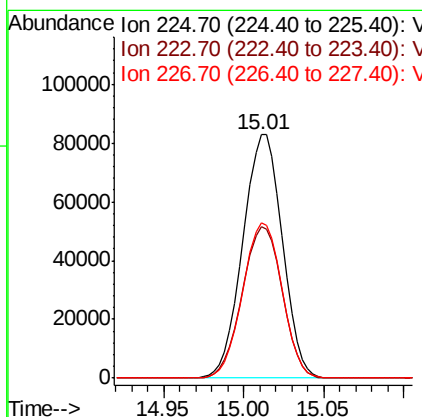
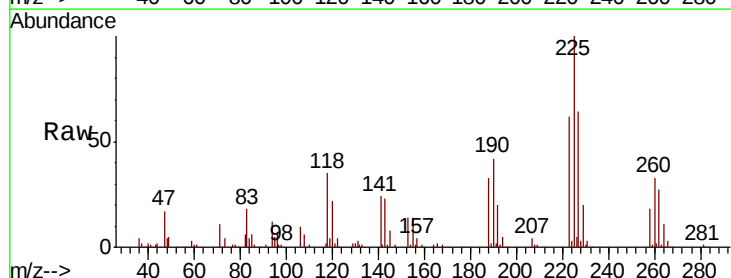
Manual Integrations
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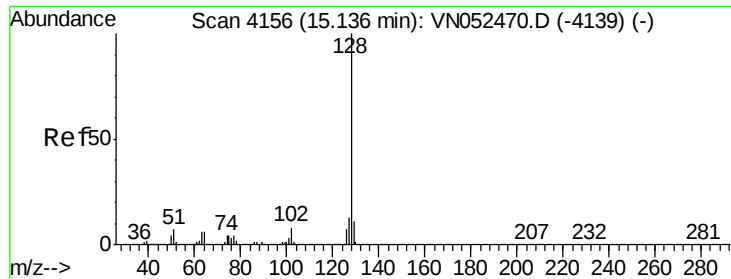
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11/29/2018 9:34:42 AM



#94
Hexachlorobutadiene
Concen: 19.649 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	139923		
223	63.0	31.4	94.2	
227	63.5	32.5	97.4	





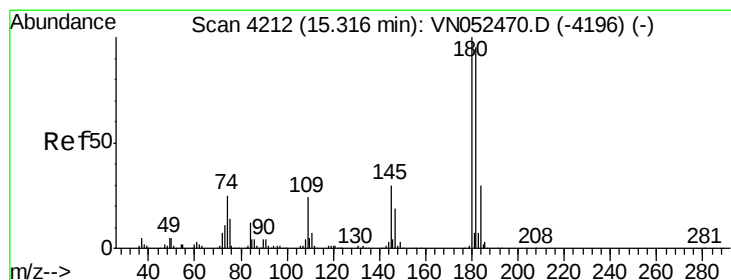
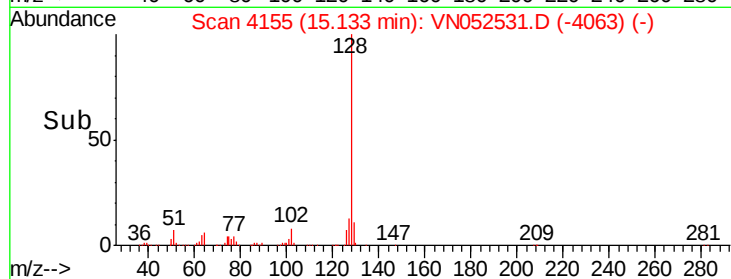
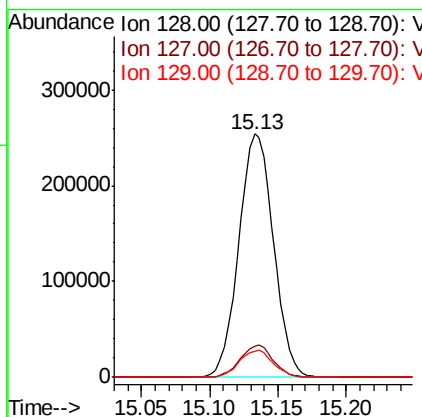
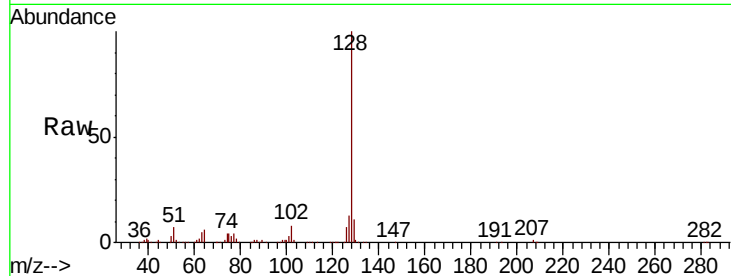
#95
Naphthalene
Concen: 19.661 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	448148		
127	12.8	10.2	15.2	
129	10.9	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.974 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN052531.D
Acq: 28 Nov 2018 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	203382		
182	96.3	47.8	143.3	
145	30.1	15.2	45.5	

