

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052581.D
 Acq On : 29 Nov 2018 23:17
 Operator : MD\SY
 Sample : VN1129WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 11:04:24 AM

Quant Time: Nov 30 04:10:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	174927	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1009757	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	876528	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	354446	29.74	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.13%
60) 4-Bromofluorobenzene	12.40	95	396085	29.56	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.53%
63) Toluene-d8	10.09	98	1207577	29.71	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.03%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	178597	17.927	ug/l 100
3) Chloromethane	2.06	50	232828	17.622	ug/l 97
4) Vinyl Chloride	2.19	62	247025	18.524	ug/l 97
5) Bromomethane	2.58	94	149136	19.614	ug/l 97
6) Chloroethane	2.71	64	148758	18.758	ug/l 99
7) Trichlorofluoromethane	3.02	101	311635	18.935	ug/l 98
8) Diethyl Ether	3.41	74	116870	19.231	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.77	101	191150	18.322	ug/l 97
10) 1,1-Dichloroethene	3.74	96	187897	19.155	ug/l 97
11) Methyl Iodide	3.96	142	266091	19.537	ug/l 97
12) Methyl Acetate	4.33	43	156029	18.720	ug/l 100
13) Acrolein	3.61	56	88805	90.705	ug/l 100
14) Acrylonitrile	4.99	53	337638	95.074	ug/l 99
15) Acetone	3.82	58	76480	83.157	ug/l 96
16) Carbon Disulfide	4.06	76	541688	17.442	ug/l 99
17) Allyl chloride	4.33	41	308733	18.047	ug/l 96
18) Methylene Chloride	4.55	84	215944	19.013	ug/l 96
19) trans-1,2-Dichloroethene	5.05	96	202006	19.135	ug/l 94
20) Diisopropyl ether	5.95	45	670870	18.661	ug/l 99
21) 1,1-Dichloroethane	5.85	63	388860	18.978	ug/l 98
22) cis-1,2-Dichloroethene	6.83	96	230681	19.067	ug/l 98
23) tert-Butyl Alcohol	4.78	59	55553	105.156	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	508463	19.758	ug/l 100
25) Chloroform	7.37	83	379545	19.200	ug/l 100
26) Cyclohexane	7.65	56	347891	18.001	ug/l # 98
29) 1,1-Dichloropropene	7.80	75	290434	18.835	ug/l 99
30) 2-Butanone	6.83	43	370401	89.769	ug/l 99
31) 2,2-Dichloropropane	6.83	77	242634	17.092	ug/l 99
32) 1,1,1-Trichloroethane	7.57	97	310626	19.360	ug/l 98
33) Carbon Tetrachloride	7.78	117	266419	18.977	ug/l 100
34) Benzene	8.04	78	881456	19.013	ug/l 100
35) Methacrylonitrile	7.17	41	92989	18.164	ug/l 97
36) 1,2-Dichloroethane	8.13	62	269475	19.182	ug/l 99
37) Trichloroethene	8.84	130	227011	19.310	ug/l 98
38) Methylcyclohexane	9.08	83	342152	17.924	ug/l 97
39) 1,2-Dichloropropane	9.12	63	230442	18.543	ug/l 97
40) Dibromomethane	9.21	93	130653	19.455	ug/l 97

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 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 28

Instrument :
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Manual Integrations
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MMDadoda
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	279779	18.856	ug/l	99
42) Vinyl Acetate	5.90	43	2079551	93.149	ug/l	98
43) Ethyl Acetate	6.93	43	165223	18.831	ug/l #	72
44) Isopropyl Acetate	8.17	43	308951	20.078	ug/l #	80
45) 1,4-Dioxane	9.20	88	36352	431.837	ug/l	95
46) Methyl methacrylate	9.20	41	154646	19.356	ug/l	98
47) n-amyl Acetate	12.07	43	235148	18.431	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	261777	18.196	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	320212	18.269	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	187352	19.681	ug/l	99
51) Ethyl methacrylate	10.43	69	233493	19.529	ug/l	95
52) 1,3-Dichloropropane	10.71	76	325352	19.201	ug/l	99
53) Dibromochloromethane	10.90	129	200347	19.116	ug/l	98
54) 1,2-Dibromoethane	11.01	107	182948	19.667	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	669861	95.716	ug/l	99
56) Bromoform	12.13	173	131627	19.214	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	850279	100.060	ug/l	99
59) 2-Hexanone	10.75	43	546450	94.136	ug/l	98
61) Tetrachloroethene	10.63	164	222169	20.580	ug/l	97
62) Toluene	10.16	91	931571	19.279	ug/l	100
64) Chlorobenzene	11.44	112	567276	19.234	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	198582	19.398	ug/l	99
66) Ethyl Benzene	11.51	91	986725	18.947	ug/l	98
67) m/p-Xylenes	11.62	106	744682	38.382	ug/l	99
68) o-Xylene	11.95	106	365277	19.397	ug/l	99
69) Styrene	11.97	104	579791	19.075	ug/l	100
70) Isopropylbenzene	12.25	105	969699	19.353	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	217057	19.915	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	183198m	19.580	ug/l	
73) Bromobenzene	12.53	156	238728	19.700	ug/l	94
74) n-propylbenzene	12.59	91	1081533	18.526	ug/l	99
75) 2-Chlorotoluene	12.68	91	647068	19.095	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	778445	19.235	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	50144	16.966	ug/l	94
78) 4-Chlorotoluene	12.78	91	629626	18.606	ug/l	100
79) tert-butylbenzene	12.99	119	688118	19.524	ug/l	98
80) 1,2,4-Trimethylbenzene	13.04	105	777403	19.197	ug/l	100
81) sec-Butylbenzene	13.17	105	918865	18.717	ug/l	100
82) p-Isopropyltoluene	13.29	119	780610	18.674	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	401550	18.841	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	390303	18.954	ug/l	99
85) n-Butylbenzene	13.62	91	615562	17.143	ug/l	99
86) Hexachloroethane	13.88	117	128410	18.130	ug/l	98
87) 1,2-Dichlorobenzene	13.65	146	395910	19.520	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	30143	19.743	ug/l	98
89) 1,2,4-Trichlorobenzene	14.91	180	179781	17.992	ug/l	99
90) Hexachlorobutadiene	15.01	225	123559	18.850	ug/l	100
91) Naphthalene	15.14	128	379112	18.788	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	178402	19.373	ug/l	96

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 33 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
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QLast Update : Tue Nov 27 00:48:33 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

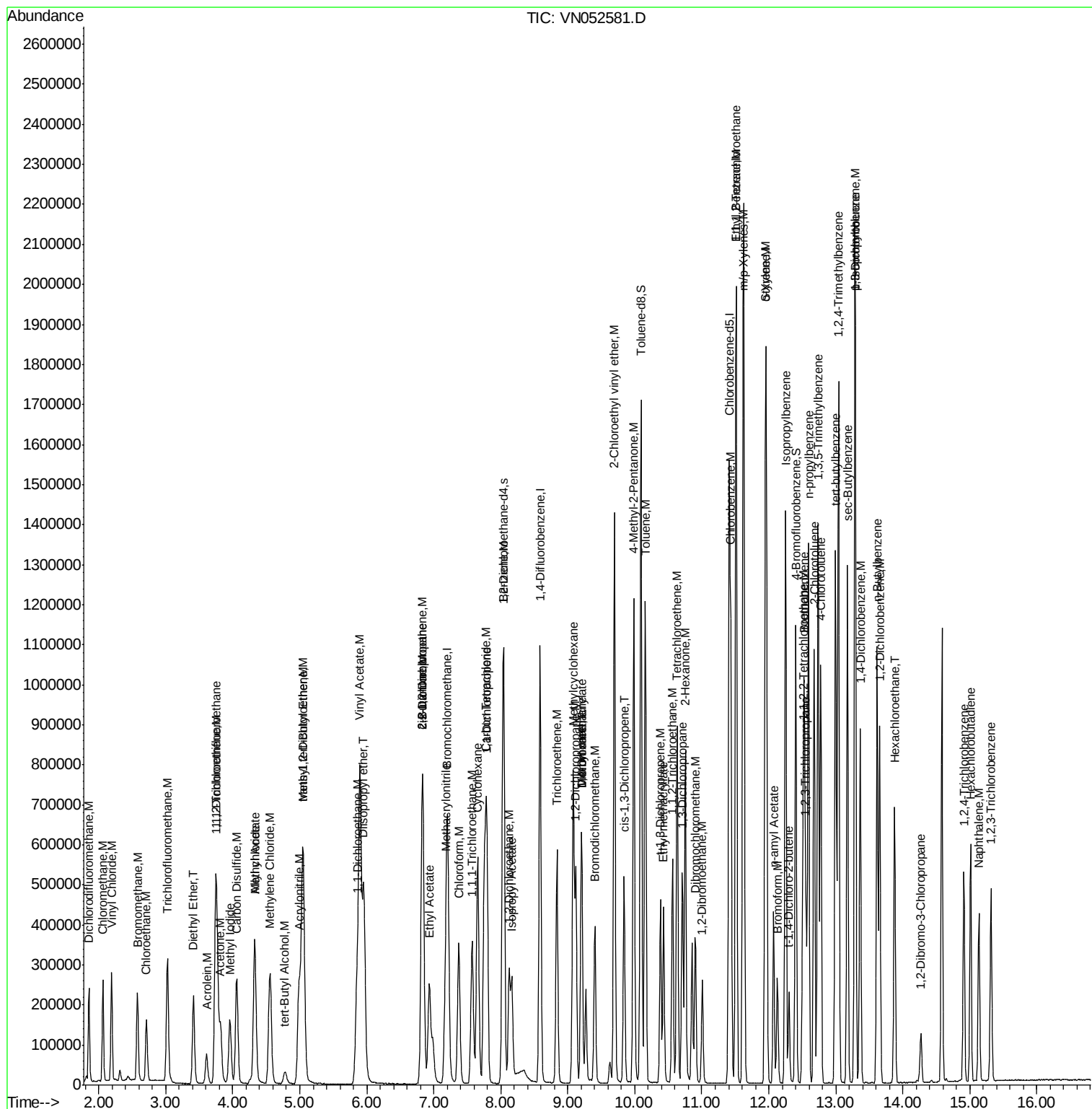
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Data File : VN052581.D
Acq On : 29 Nov 2018 23:17
Operator : MD\SY
Sample : VN1129WBS02
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ALS Vial : 33 Sample Multiplier: 28

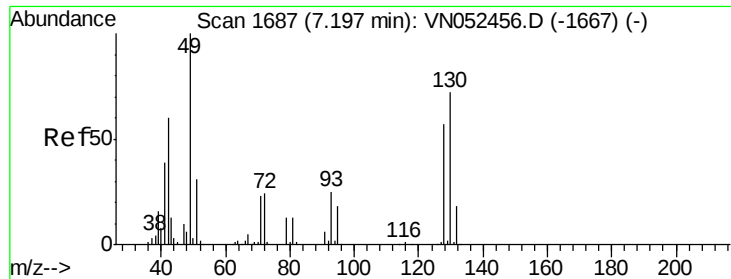
Instrument :
MSVOA_N
Client Sample Id :
VN1129WBS02

Manual Integrations
APPROVED

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11/30/2018 11:04:24 AM

Quant Time: Nov 30 04:10:15 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

Instrument :

MSVOA_N

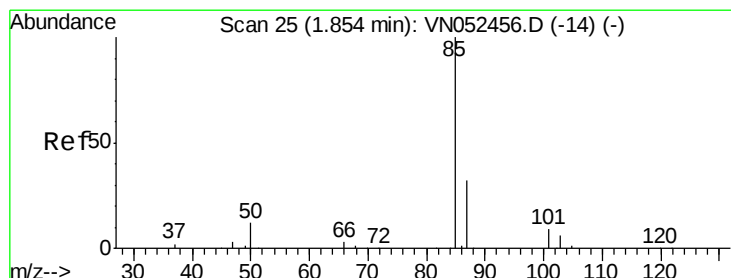
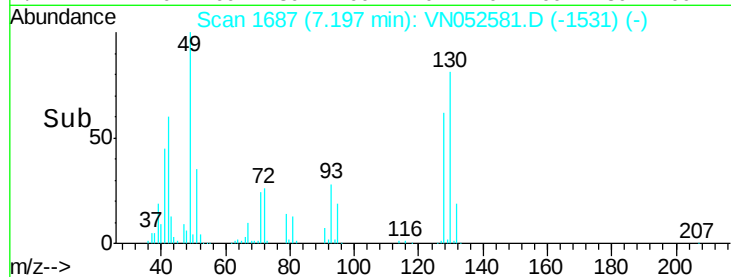
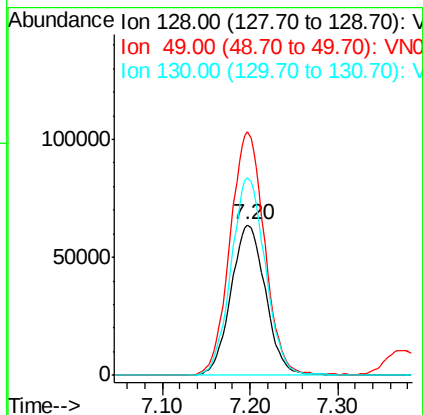
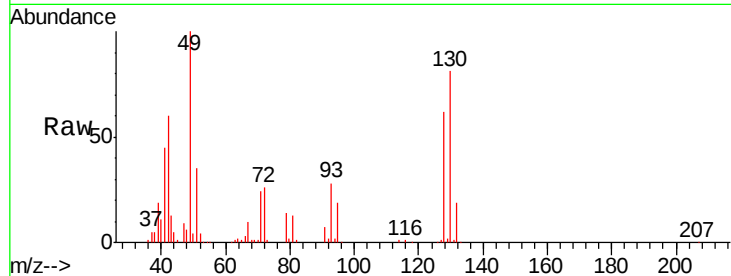
ClientSampleId :

VN1129WBS02

Tgt Ion:	128	Resp:	174927
Ion	Ratio	Lower	Upper
128	100		
49	160.9	0.0	431.8
130	130.4	0.0	317.0

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 17.927 ug/l

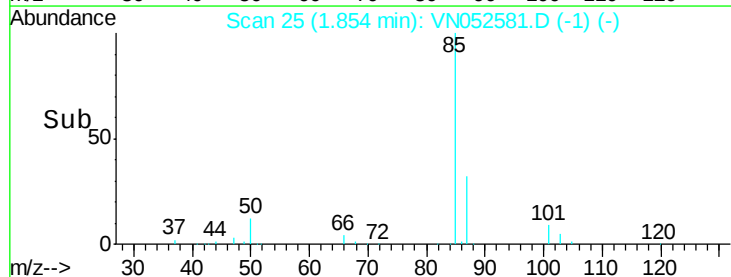
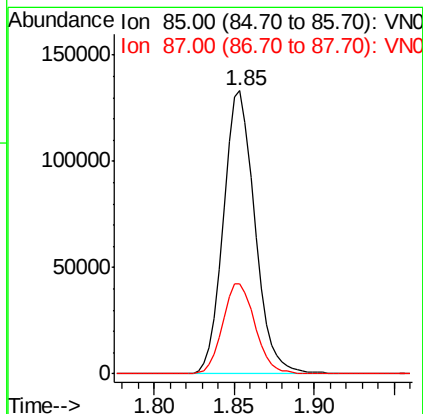
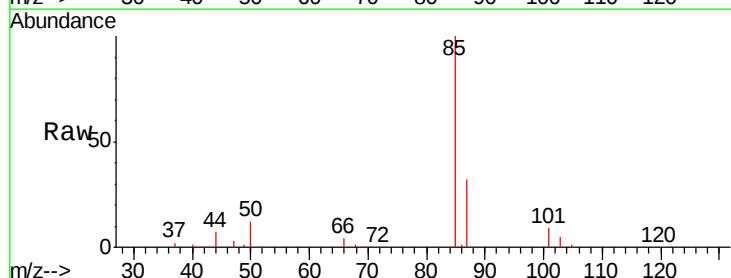
RT: 1.85 min Scan# 25

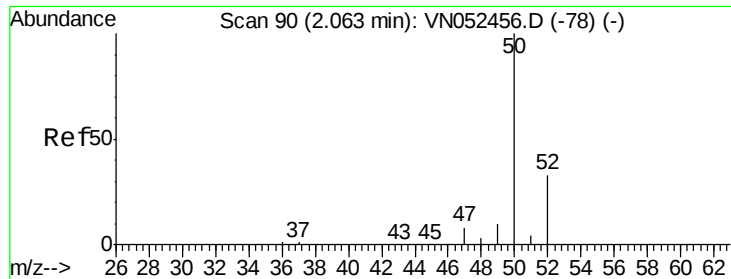
Delta R.T. 0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

Tgt Ion:	85	Resp:	178597
Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.1	48.3





#3

Chloromethane

Concen: 17.622 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBS02

Tgt Ion: 50 Resp: 232828

Ion Ratio Lower Upper

50 100

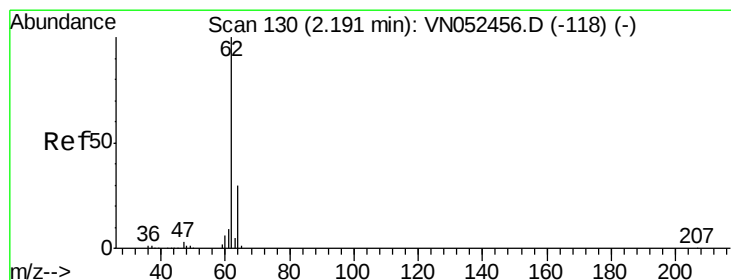
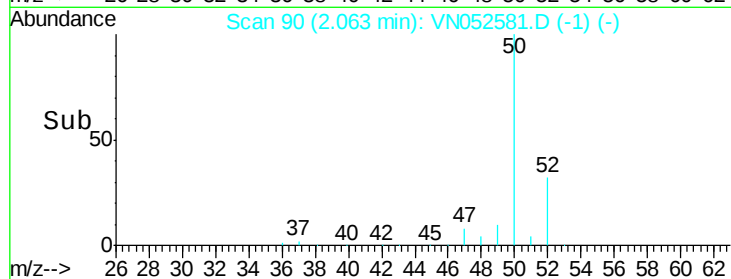
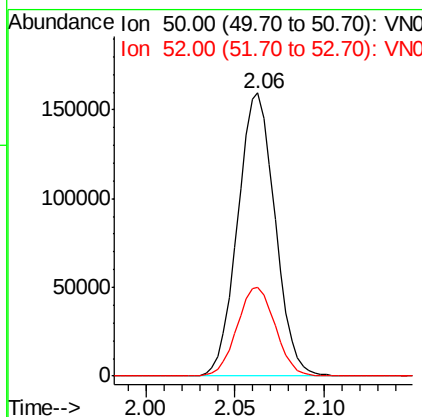
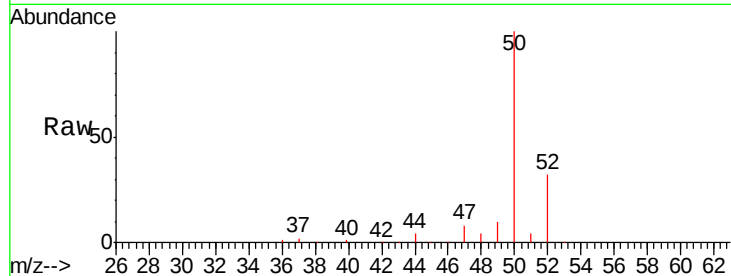
52 31.5 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.524 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN052581.D

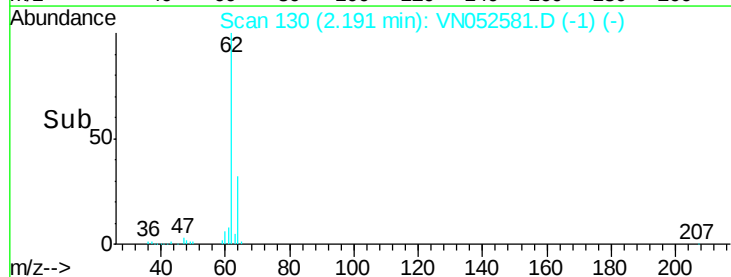
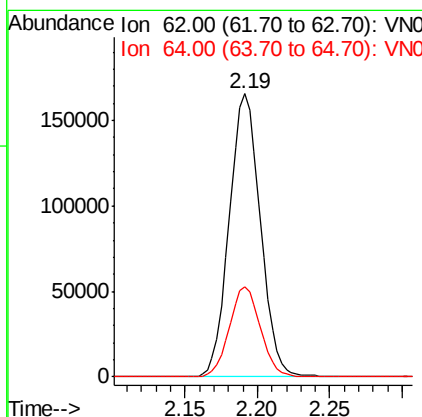
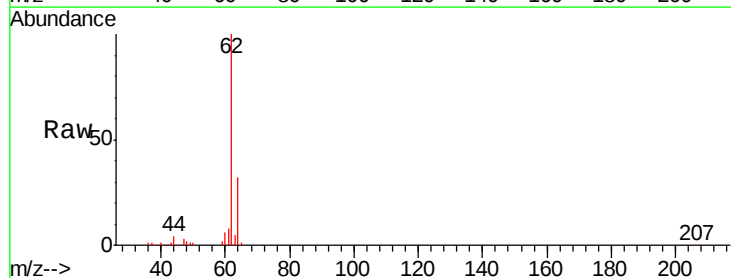
Acq: 29 Nov 2018 23:17

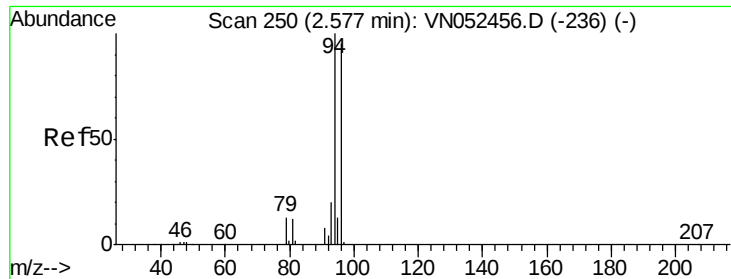
Tgt Ion: 62 Resp: 247025

Ion Ratio Lower Upper

62 100

64 31.8 24.2 36.4





#5

Bromomethane

Concen: 19.614 ug/l

RT: 2.58 min Scan# 250

Delta R.T. -0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBS02

Tgt Ion: 94 Resp: 149136

Ion Ratio Lower Upper

94 100

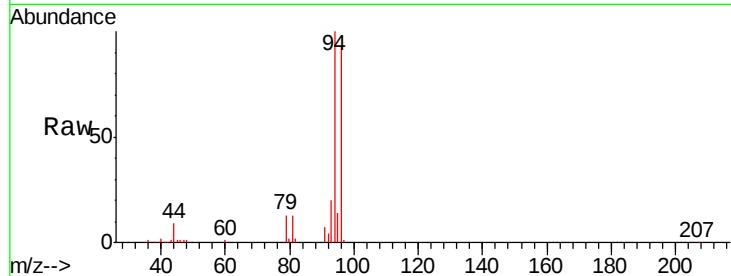
96 92.7 76.2 114.2

Manual Integrations

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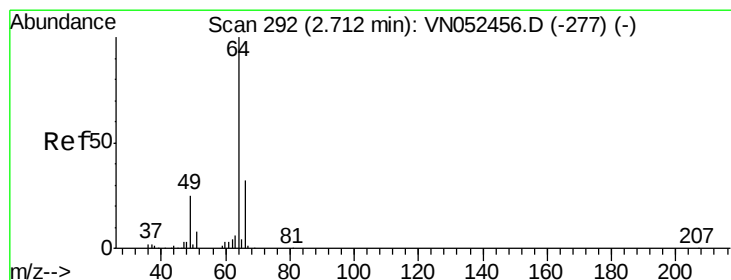
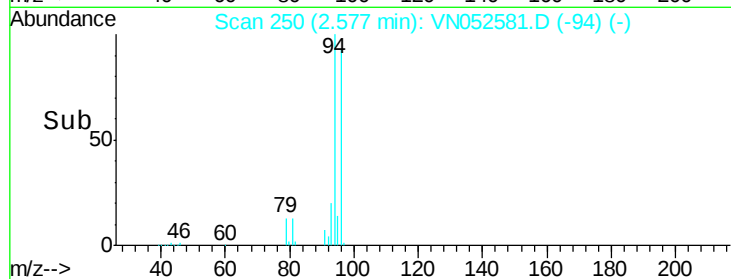
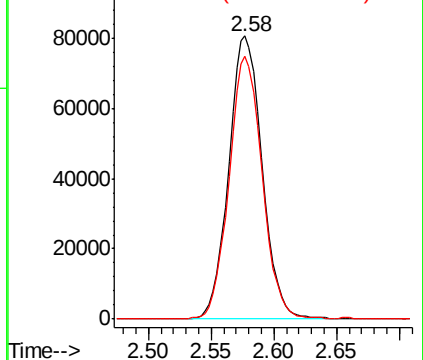
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 18.758 ug/l

RT: 2.71 min Scan# 292

Delta R.T. -0.00 min

Lab File: VN052581.D

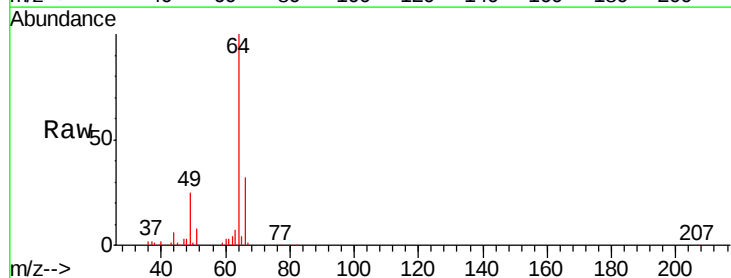
Acq: 29 Nov 2018 23:17

Tgt Ion: 64 Resp: 148758

Ion Ratio Lower Upper

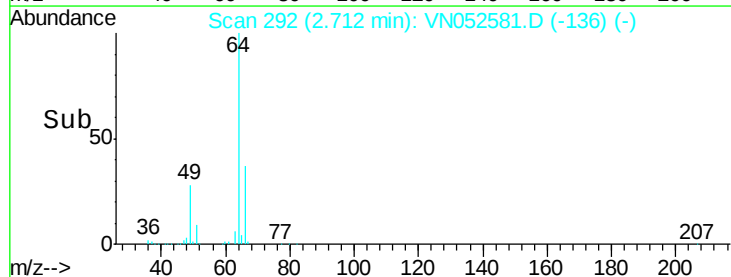
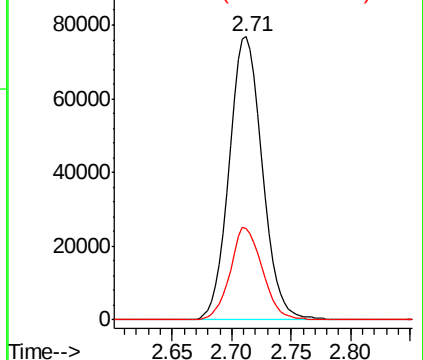
64 100

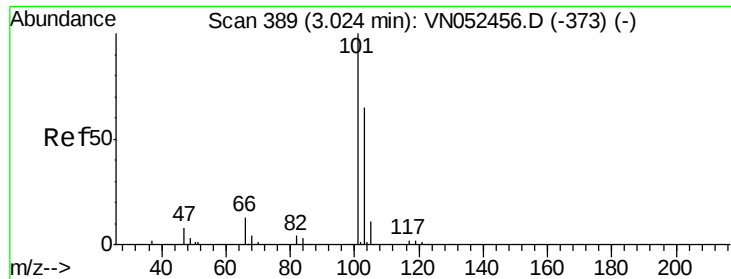
66 32.5 25.6 38.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

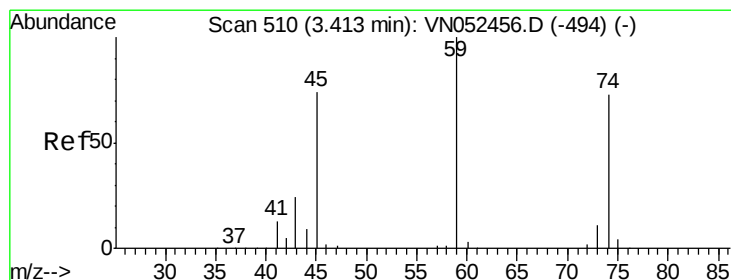
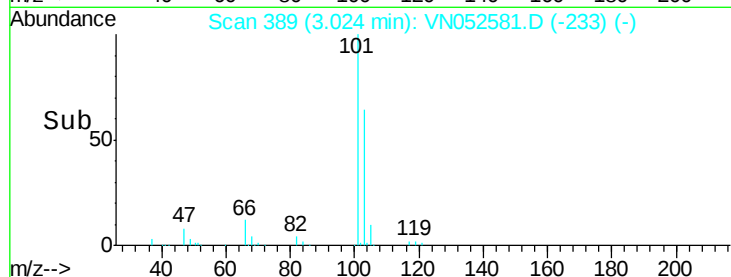
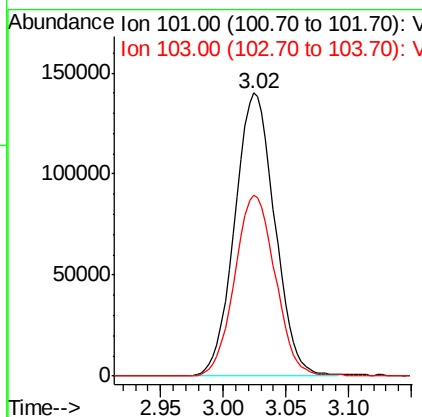
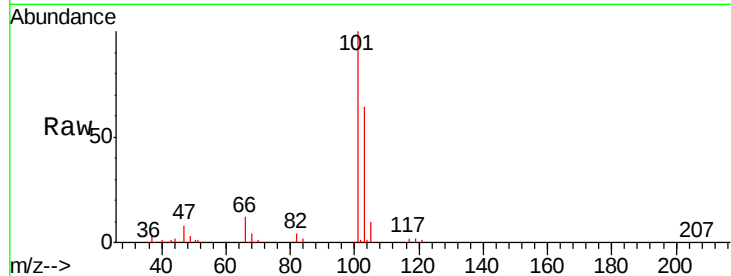
Trichlorofluoromethane
 Concen: 18.935 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS02

Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.1	78.1

Manual Integrations
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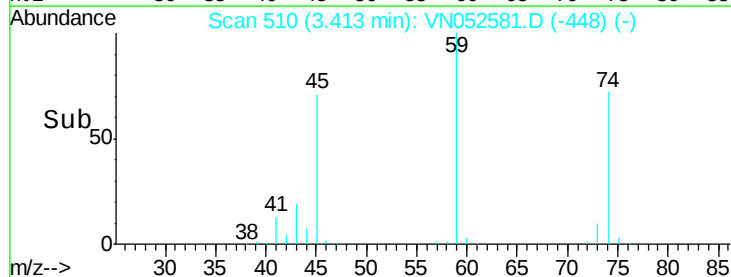
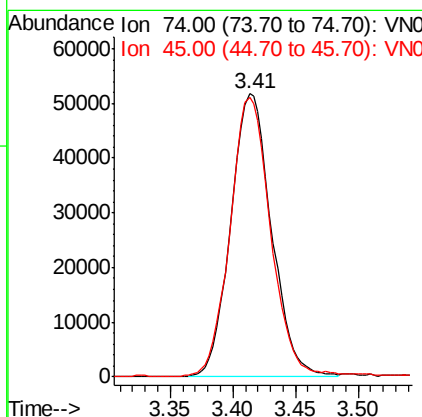
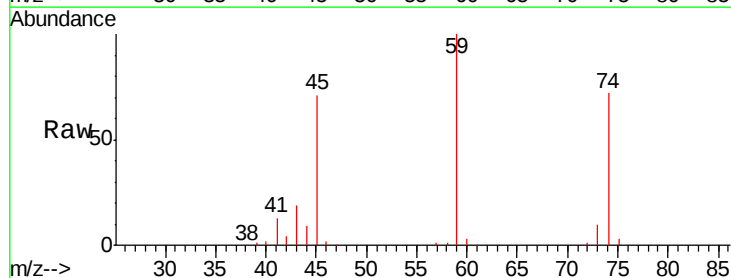
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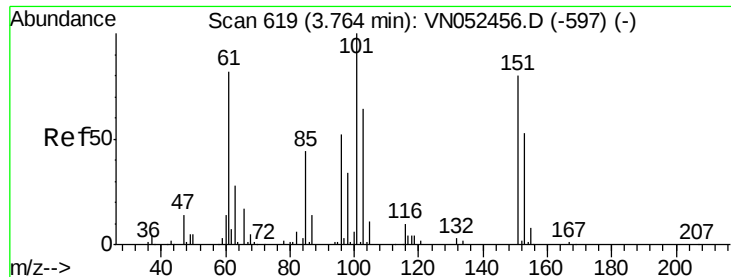


#8

Diethyl Ether
 Concen: 19.231 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.0	20.6	185.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.322 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

Instrument :

MSVOA_N

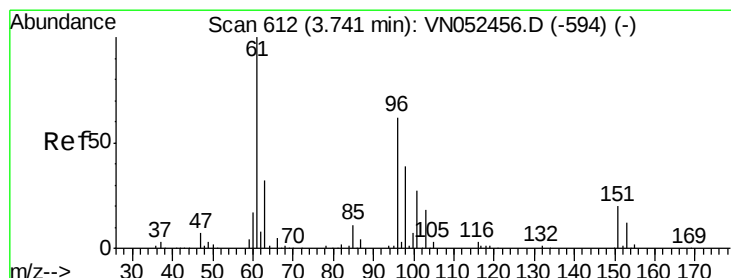
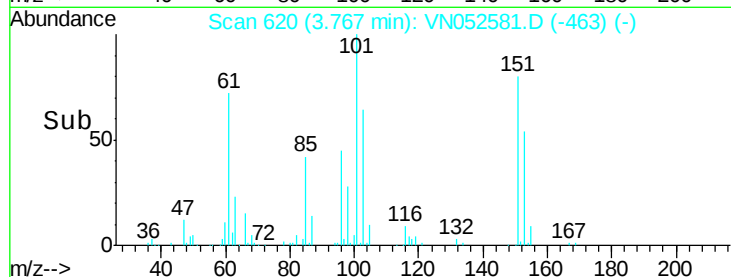
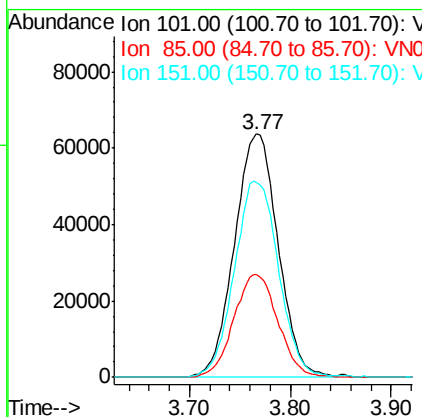
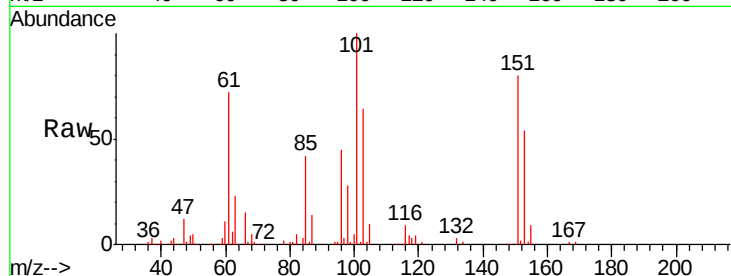
ClientSampleId :

VN1129WBS02

Tgt Ion:	101	Resp:	191150
Ion Ratio		Lower	Upper
101	100		
85	42.8	0.0	82.6
151	81.9	0.0	158.4

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#10

1,1-Dichloroethene

Concen: 19.155 ug/l

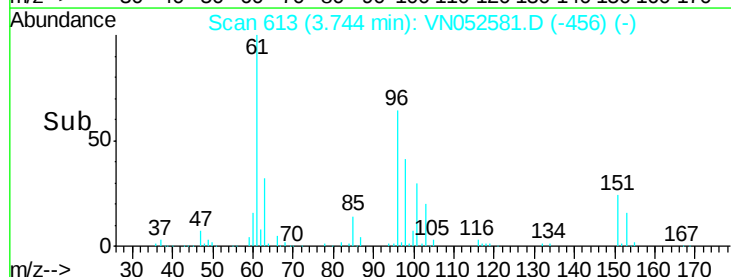
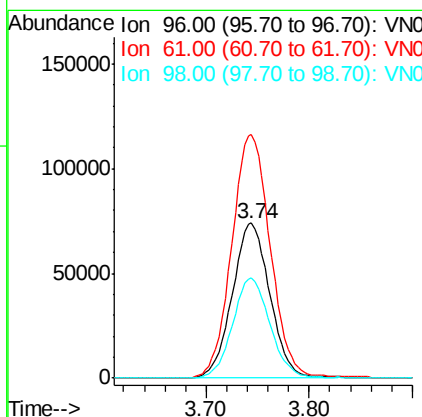
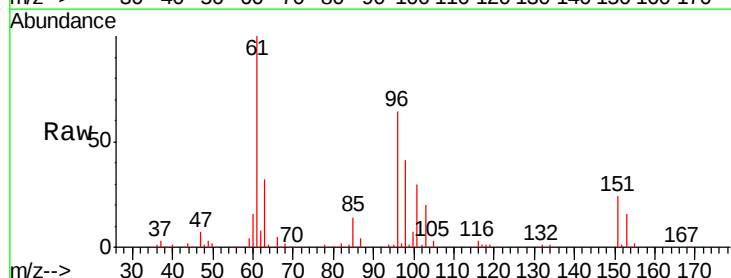
RT: 3.74 min Scan# 613

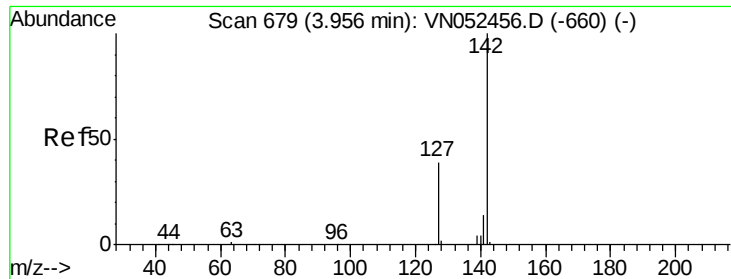
Delta R.T. 0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

Tgt Ion:	96	Resp:	187897
Ion Ratio		Lower	Upper
96	100		
61	156.6	129.4	194.2
98	64.5	50.4	75.6





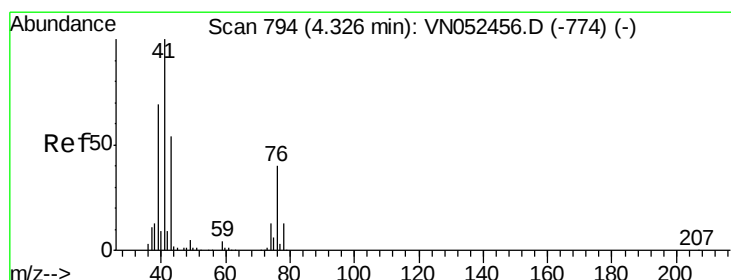
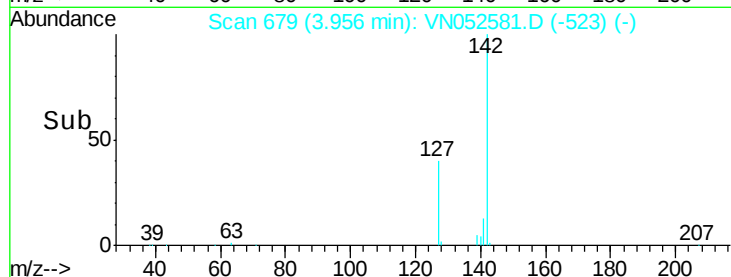
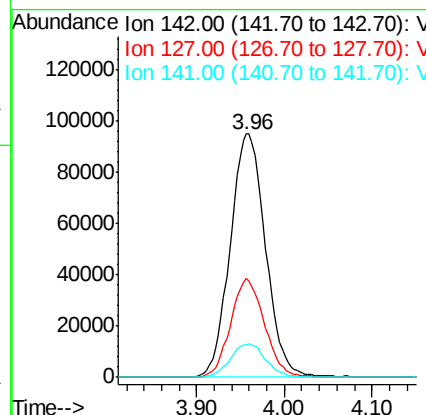
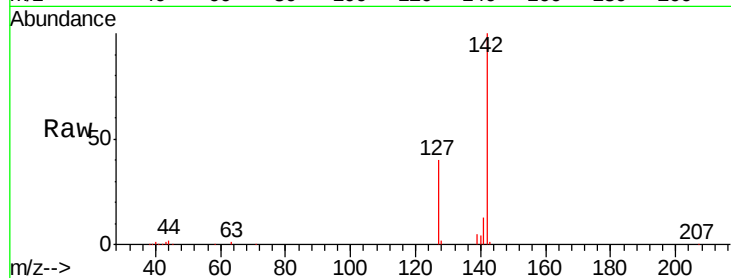
#11
Methyl Iodide
Concen: 19.537 ug/l
RT: 3.96 min Scan# 679
Delta R.T. -0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS02

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.5	19.4	58.1
141	13.5	7.2	21.6

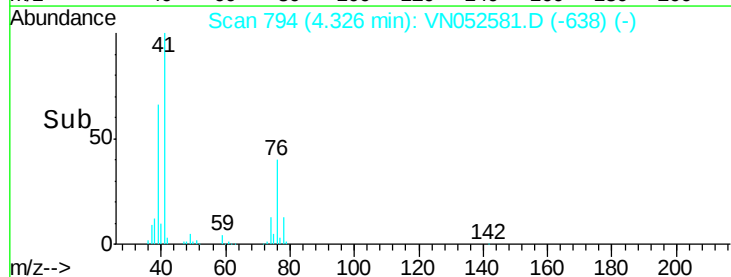
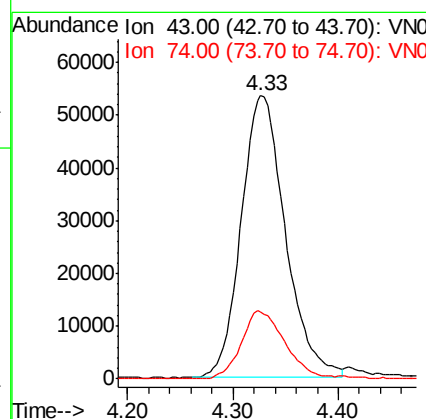
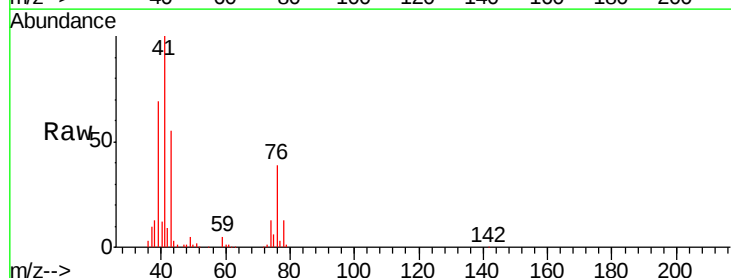
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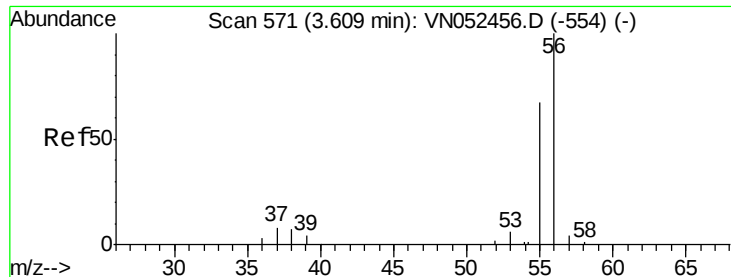
MMDadoda
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#12
Methyl Acetate
Concen: 18.720 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.9	28.3





#13

Acrolein

Concen: 90.705 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBS02

Tgt Ion: 56 Resp: 88805

Ion Ratio Lower Upper

56 100

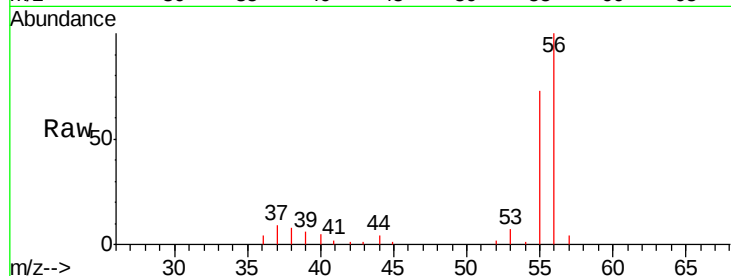
55 70.8 56.7 85.1

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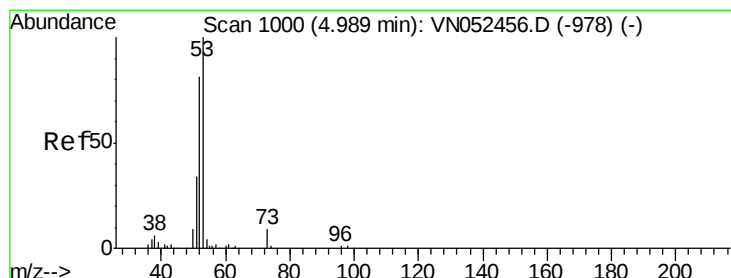
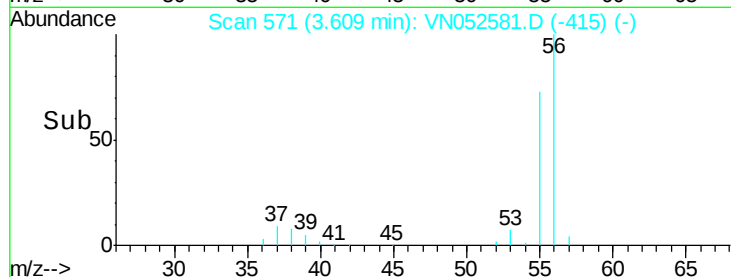
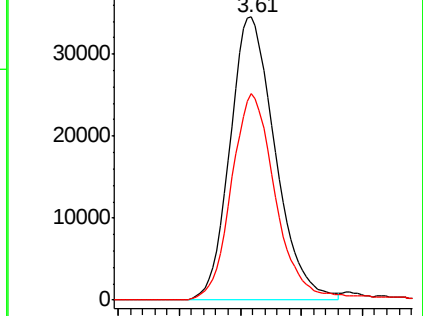
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 95.074 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

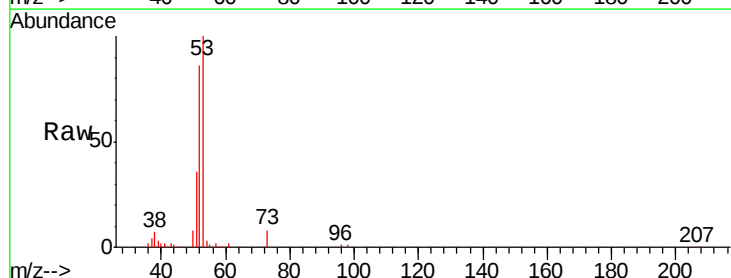
Tgt Ion: 53 Resp: 337638

Ion Ratio Lower Upper

53 100

52 80.9 39.9 119.7

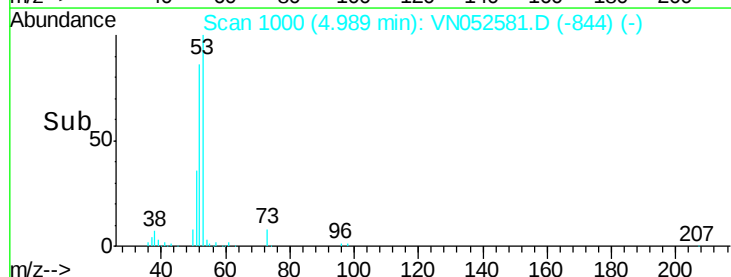
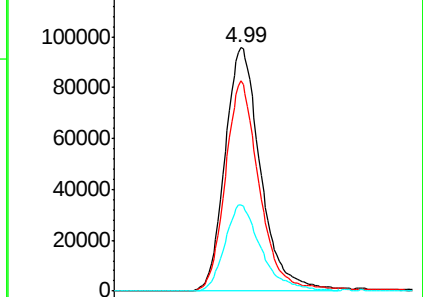
51 36.2 17.6 52.9

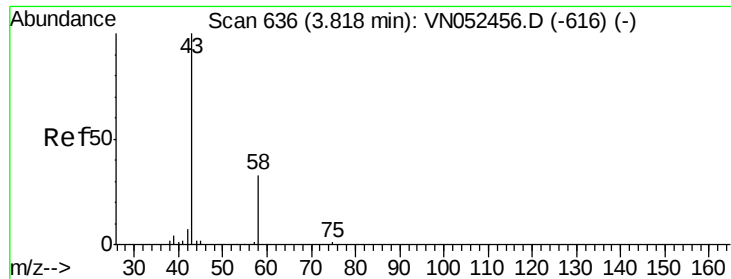


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 83.157 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBS02

Tgt Ion: 58 Resp: 76480

Ion Ratio Lower Upper

58 100

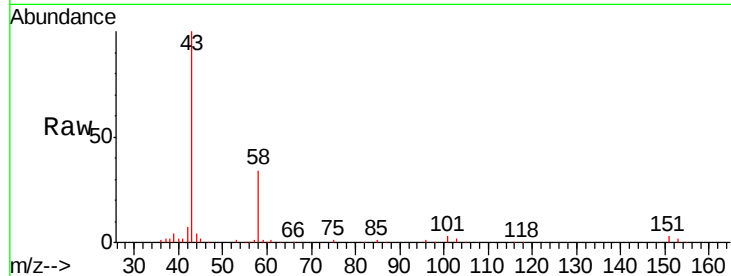
43 296.2 243.6 365.4

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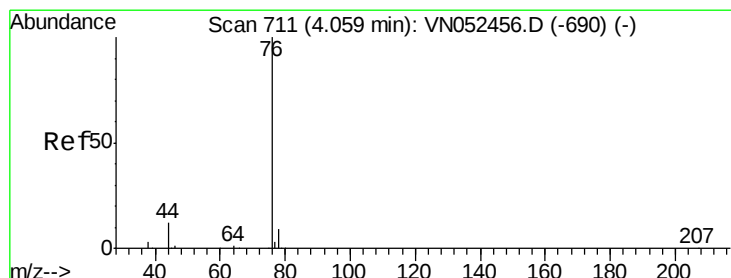
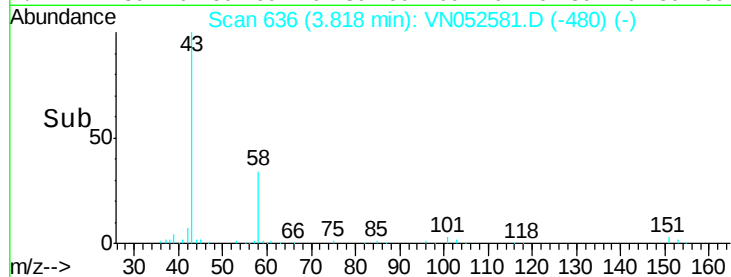
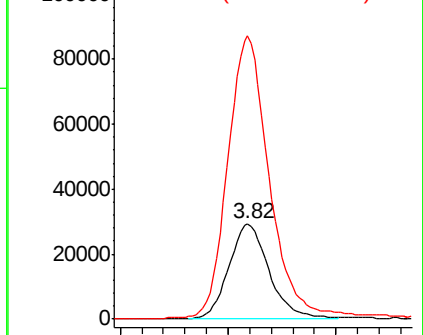
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Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 17.442 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052581.D

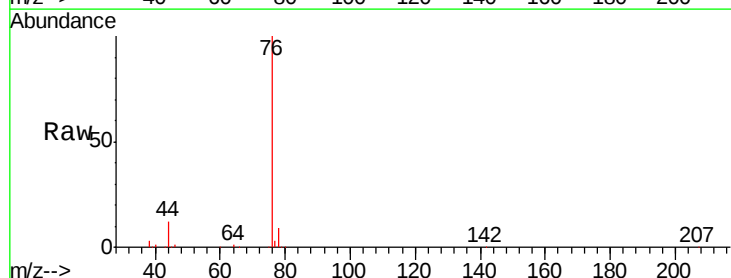
Acq: 29 Nov 2018 23:17

Tgt Ion: 76 Resp: 541688

Ion Ratio Lower Upper

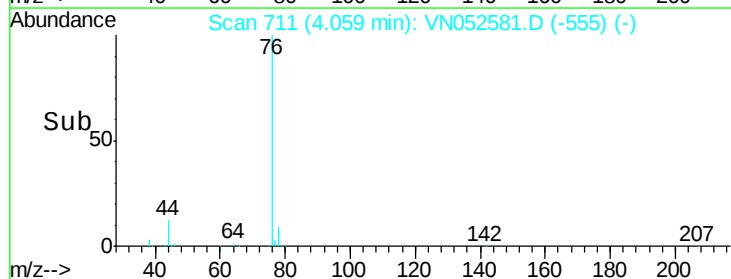
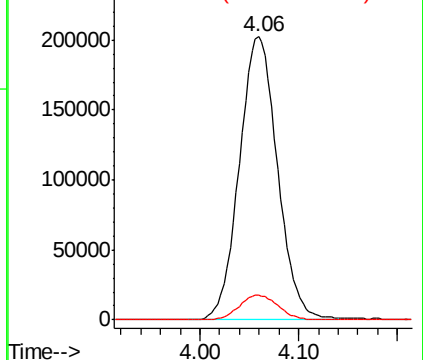
76 100

78 8.7 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





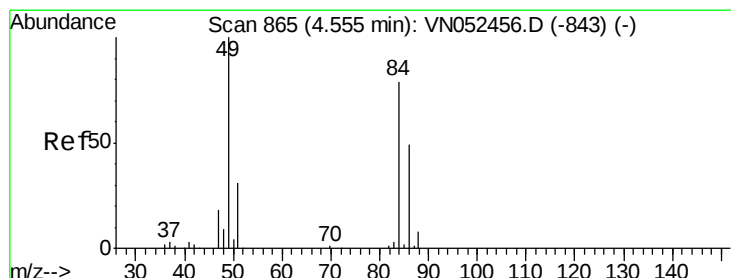
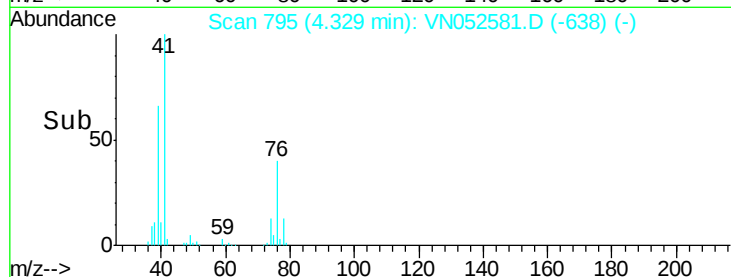
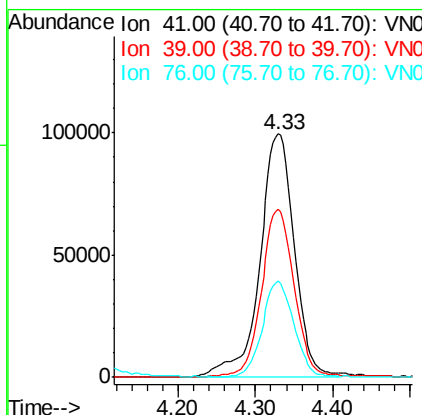
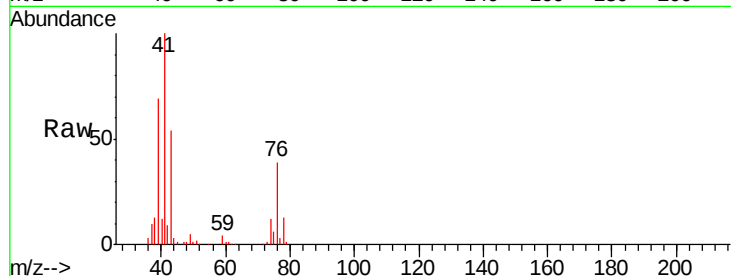
#17
 Allyl chloride
 Concen: 18.047 ug/l
 RT: 4.33 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS02

Tgt Ion:	41	Resp:	308733
Ion	Ratio	Lower	Upper
41	100		
39	68.9	32.8	98.3
76	39.0	18.6	55.8

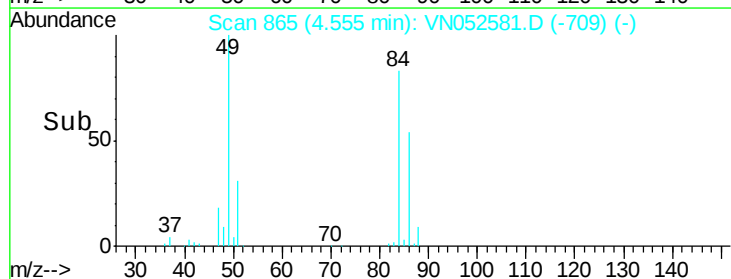
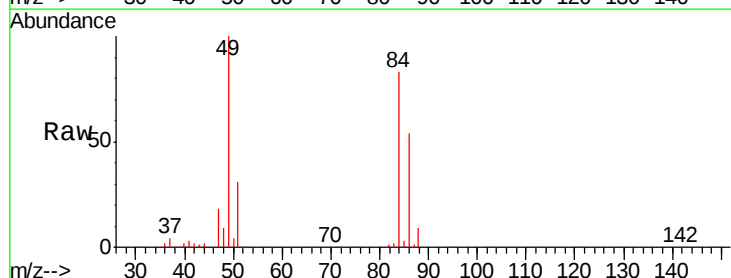
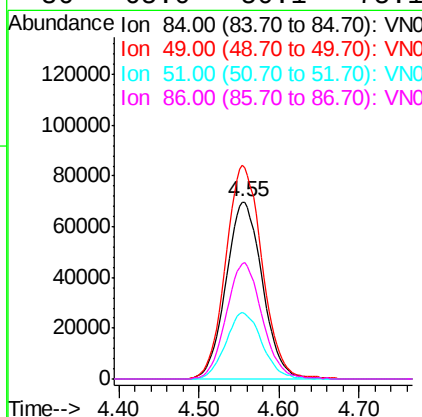
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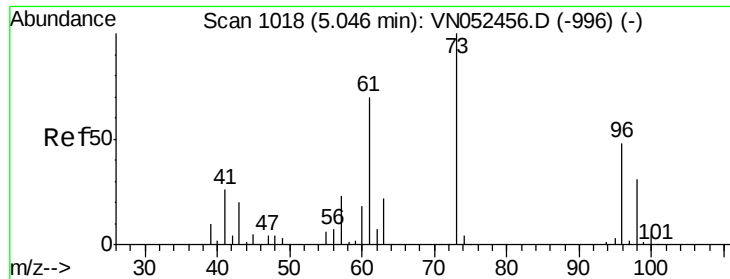
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#18
 Methylene Chloride
 Concen: 19.013 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Tgt Ion:	84	Resp:	215944
Ion	Ratio	Lower	Upper
84	100		
49	120.4	101.4	152.0
51	37.5	31.7	47.5
86	65.0	50.1	75.1





#19

trans-1,2-Dichloroethene

Concen: 19.135 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBS02

Tgt Ion: 96 Resp: 202006
Ion Ratio Lower Upper

96 100

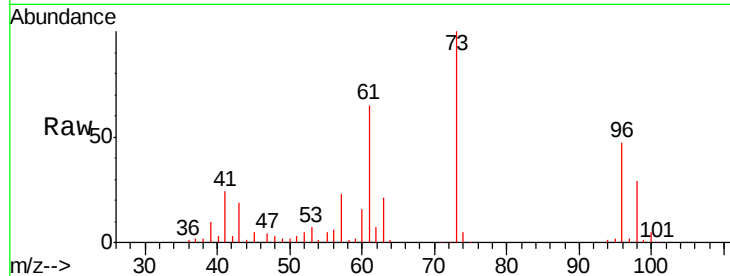
61 139.5 118.2 177.4

98 61.4 51.4 77.2

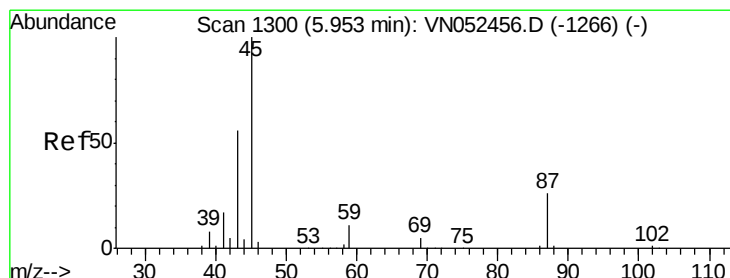
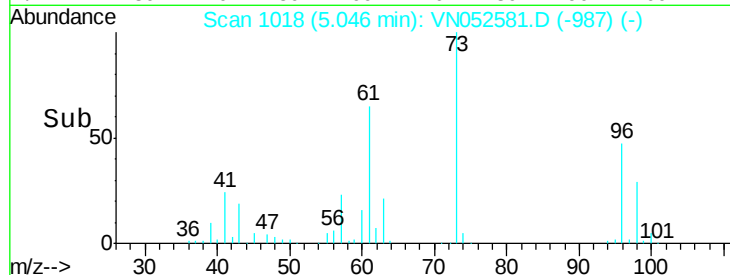
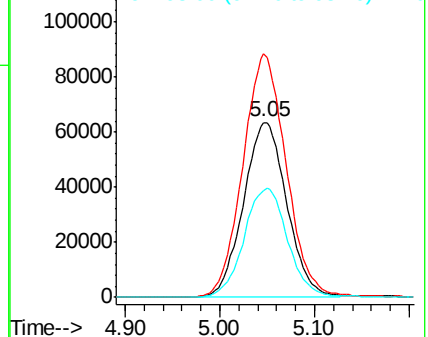
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Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0



#20

Diisopropyl ether

Concen: 18.661 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

Tgt Ion: 45 Resp: 670870
Ion Ratio Lower Upper

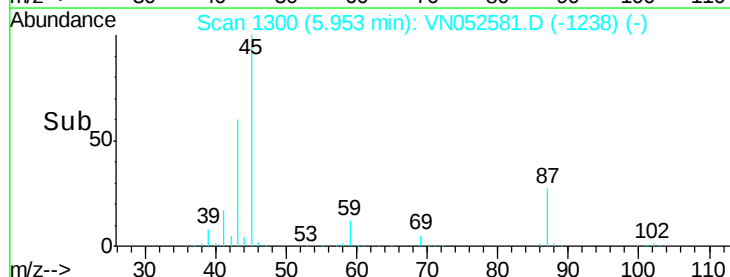
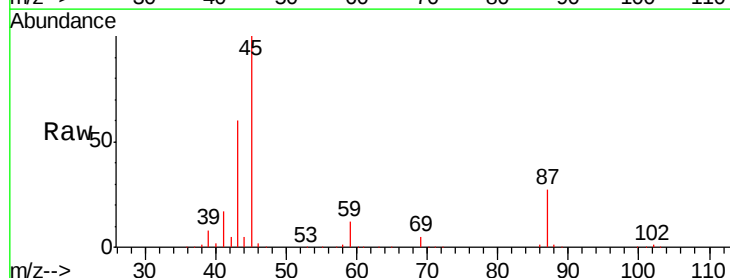
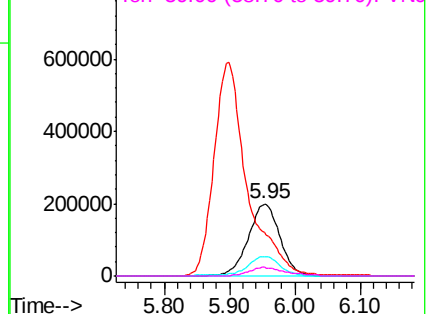
45 100

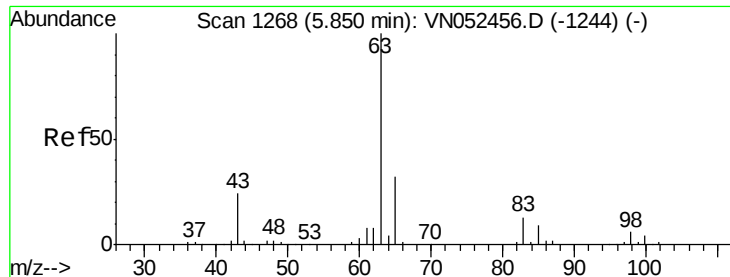
43 59.1 47.8 71.8

87 27.0 21.3 31.9

59 11.6 8.9 13.3

Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





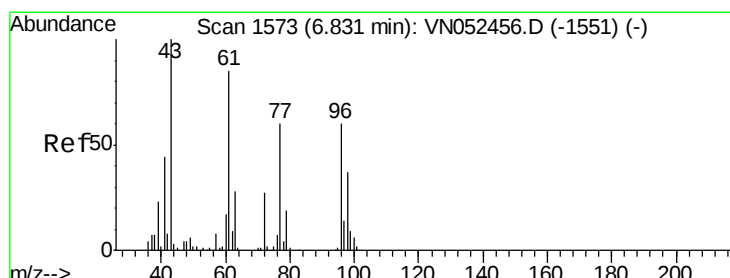
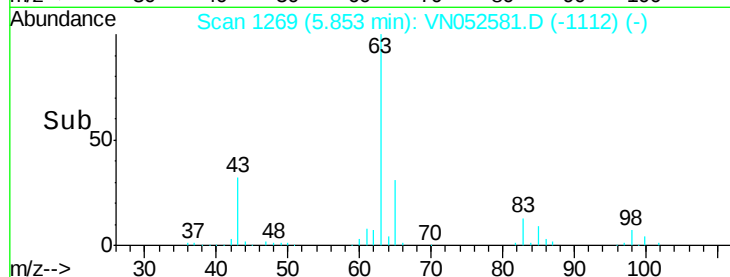
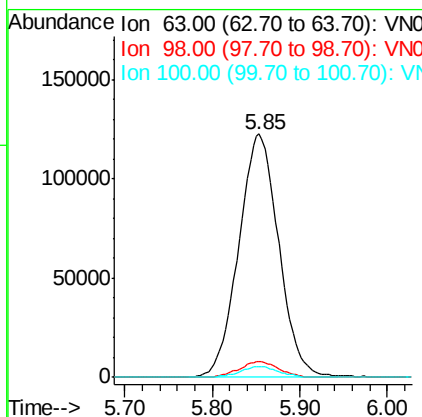
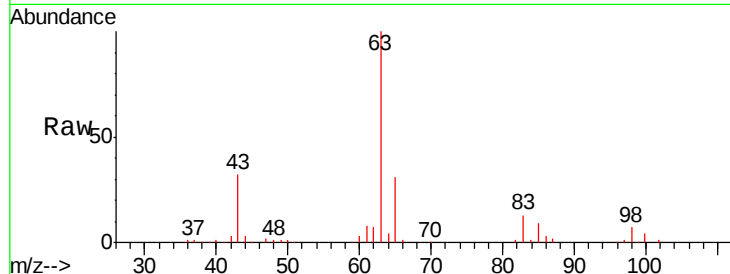
#21
 1,1-Dichloroethane
 Concen: 18.978 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS02

Tgt Ion	Ratio	Resp Lower	Resp Upper
63	100		
98	6.6	3.0	9.2
100	4.4	1.8	5.5

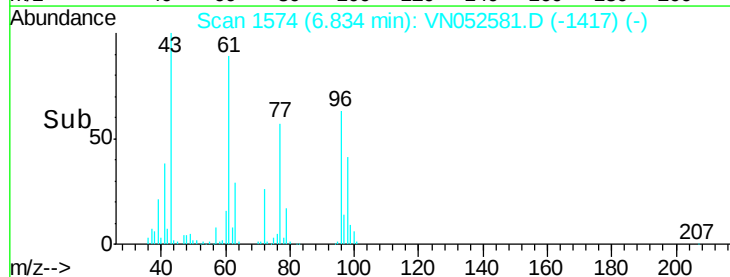
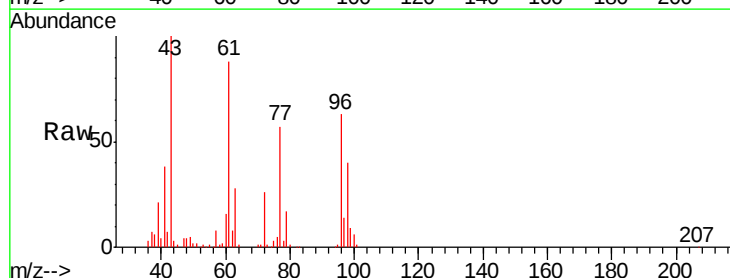
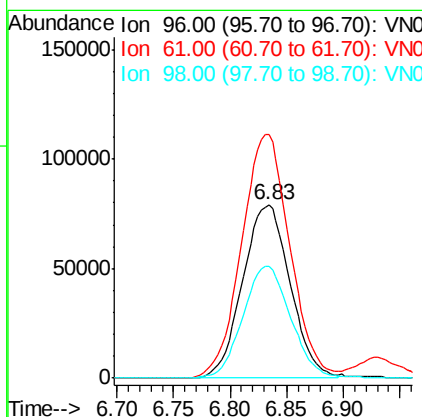
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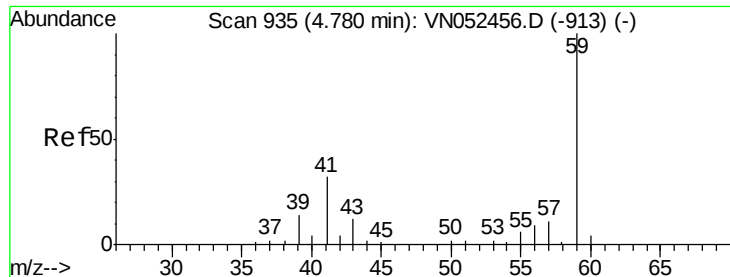
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#22
 cis-1,2-Dichloroethene
 Concen: 19.067 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
96	100		
61	142.9	116.7	175.1
98	65.0	50.8	76.2





#23

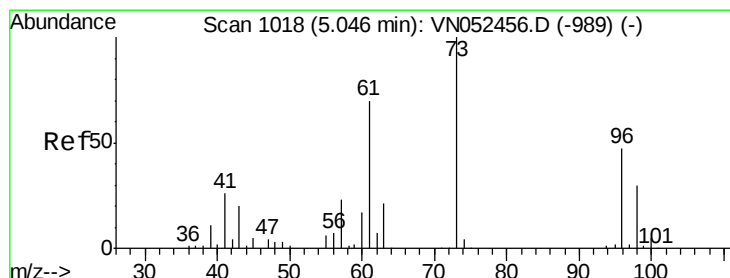
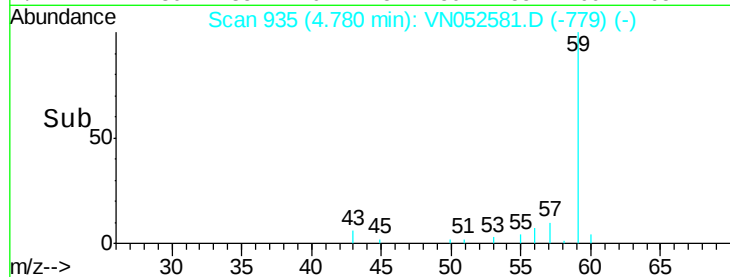
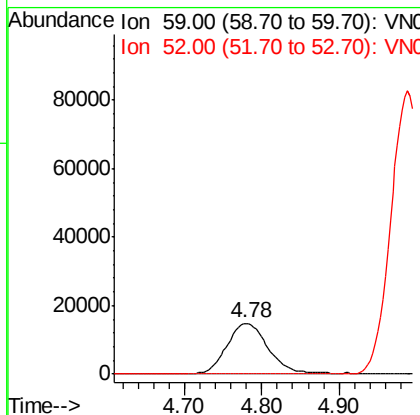
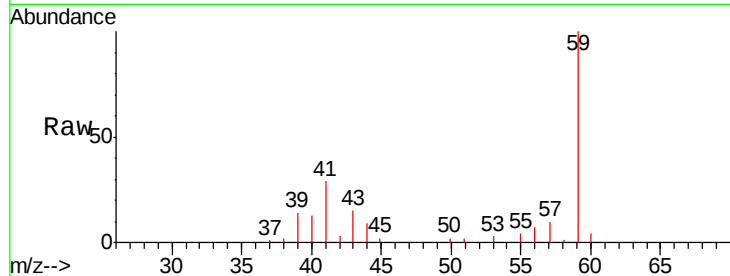
tert-Butyl Alcohol
 Concen: 105.156 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS02

Tgt Ion	Ratio	Lower	Upper
59	100		
52	0.5	0.0	0.0#

Manual Integrations
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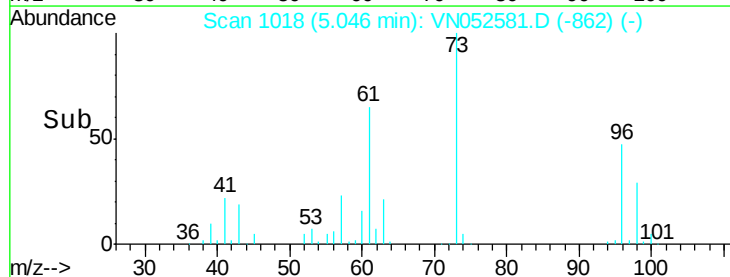
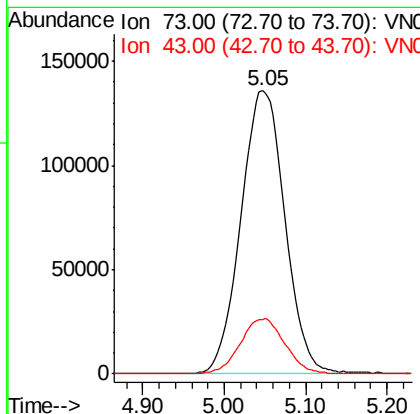
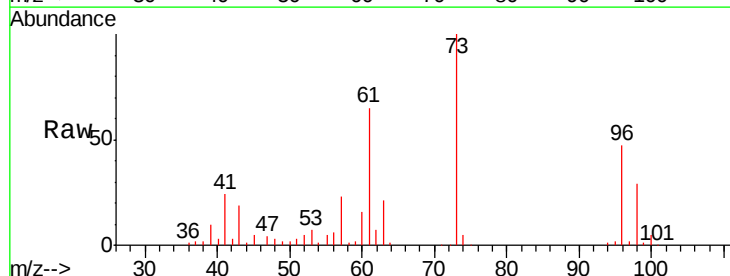
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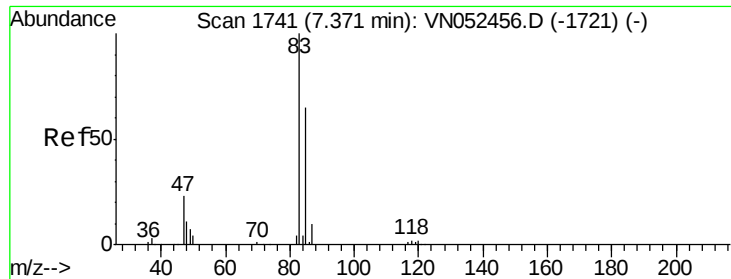


#24

Methyl tert-Butyl Ether
 Concen: 19.758 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Tgt Ion	Ratio	Lower	Upper
73	100		
43	19.9	15.8	23.8





#25

Chloroform

Concen: 19.200 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBS02

Tgt Ion: 83 Resp: 379545

Ion Ratio Lower Upper

83 100

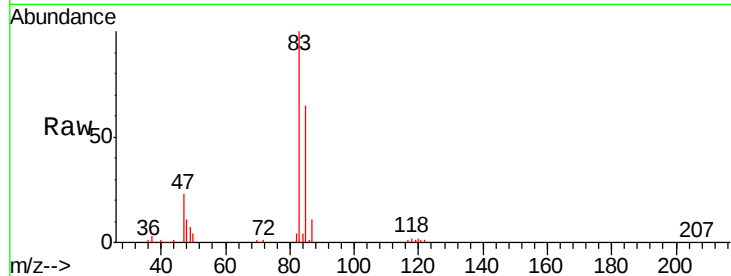
85 64.9 51.7 77.5

Manual Integrations

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Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

7.37

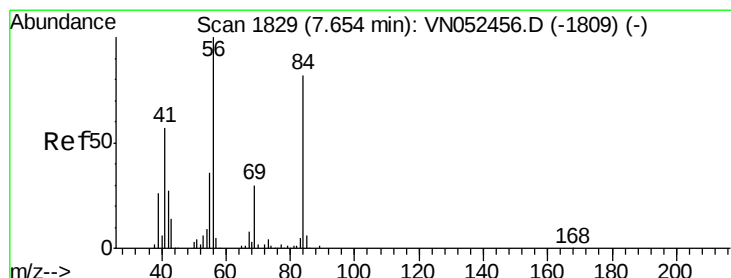
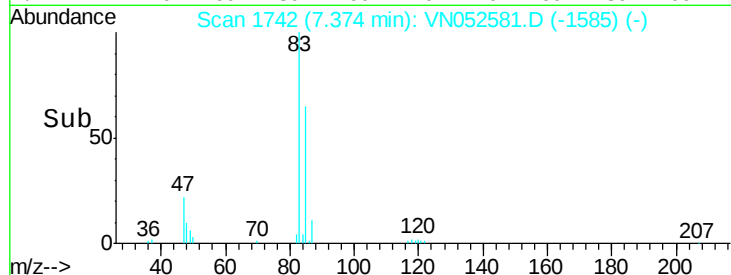
150000

100000

50000

0

Time-->



#26

Cyclohexane

Concen: 18.001 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

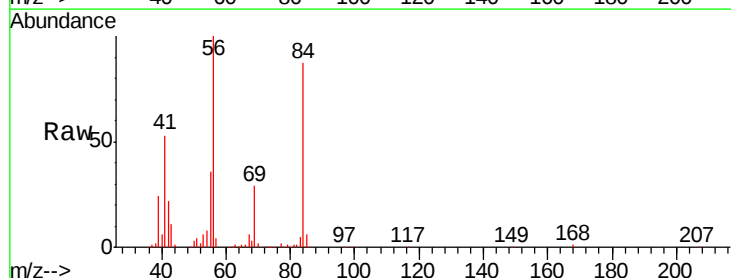
Tgt Ion: 56 Resp: 347891

Ion Ratio Lower Upper

56 100

89 0.0 0.5 0.7#

84 84.2 66.2 99.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 89.00 (88.70 to 89.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

200000

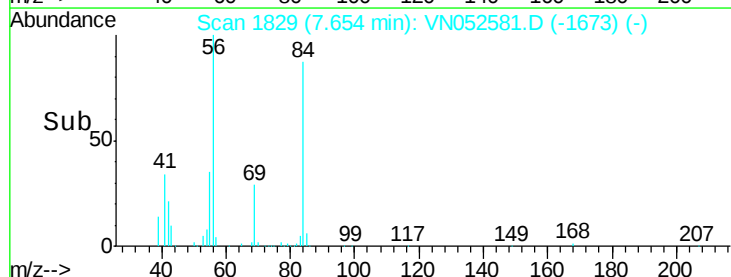
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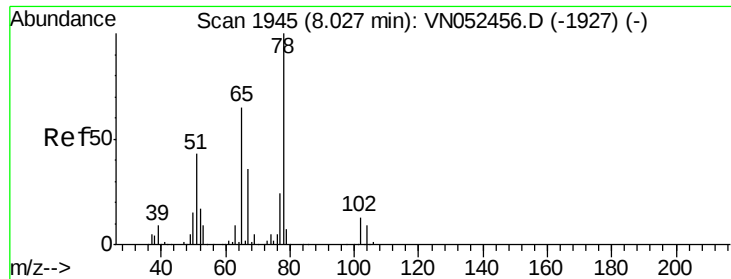
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50000

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Time-->





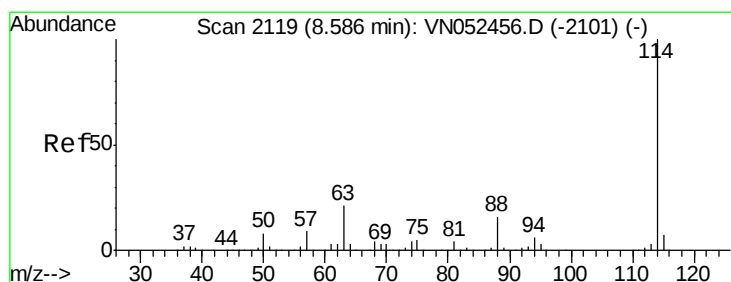
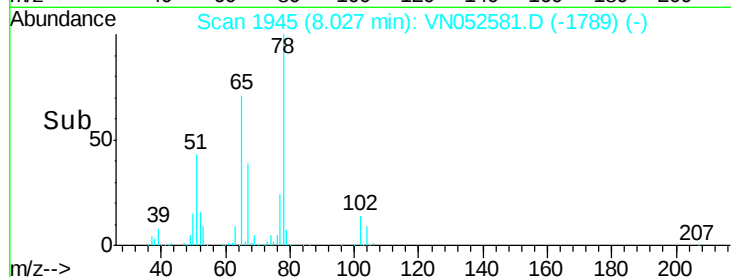
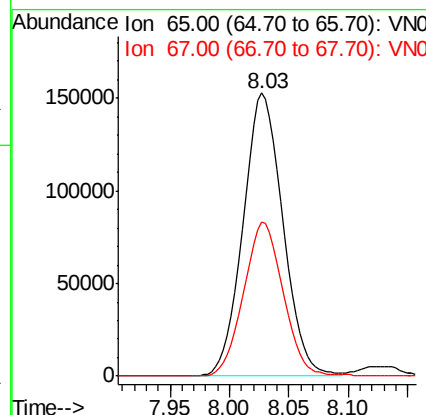
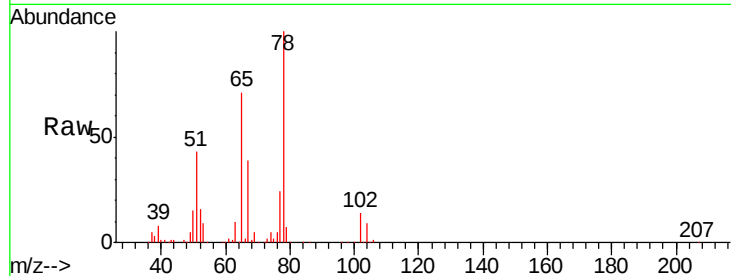
#27
 1,2-Dichloroethane-d4
 Concen: 18.001 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS02

Tgt Ion: 65 Resp: 354446
 Ion Ratio Lower Upper
 65 100
 67 53.8 44.6 66.8

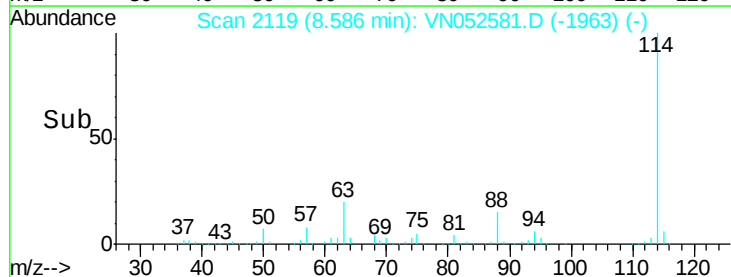
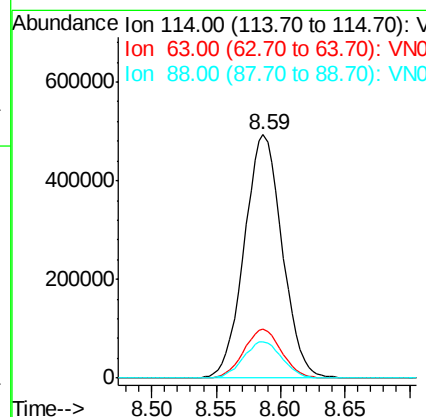
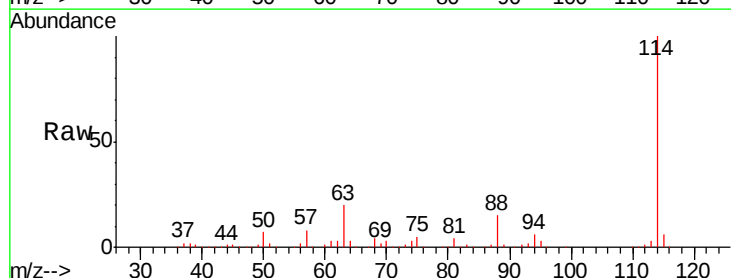
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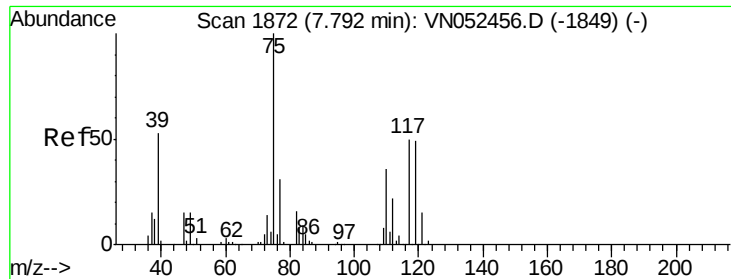
MMDadoda
 11/30/2018 11:04:24 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Tgt Ion: 114 Resp: 1009757
 Ion Ratio Lower Upper
 114 100
 63 20.2 16.9 25.3
 88 15.1 12.8 19.2





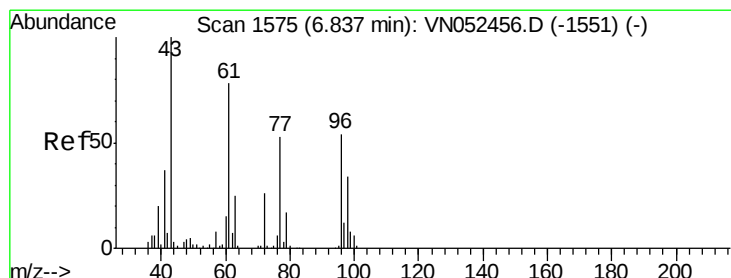
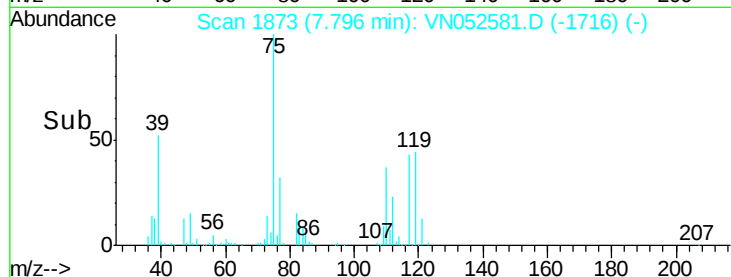
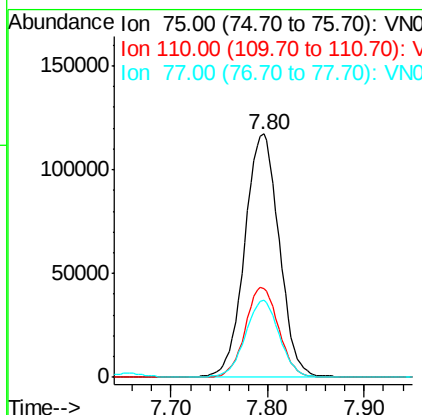
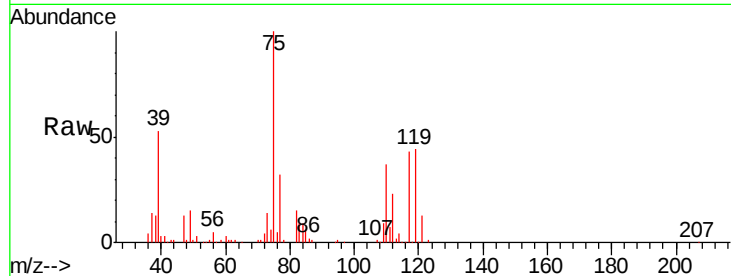
#29
 1,1-Dichloropropene
 Concen: 18.835 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS02

Tgt Ion	Ratio	Resp Lower	Resp Upper
75	100		
110	35.7	0.0	70.2
77	31.3	0.0	62.6

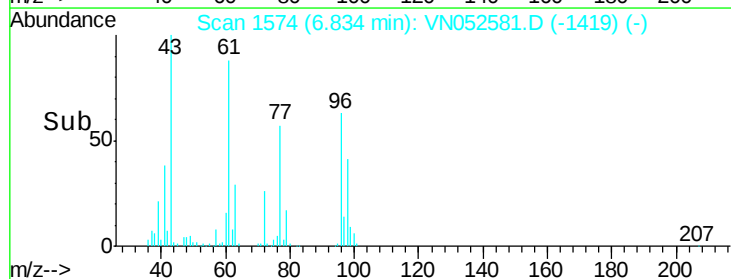
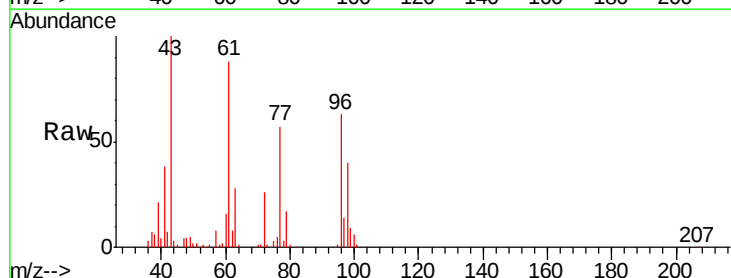
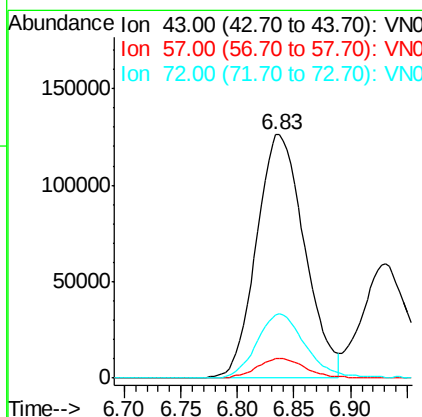
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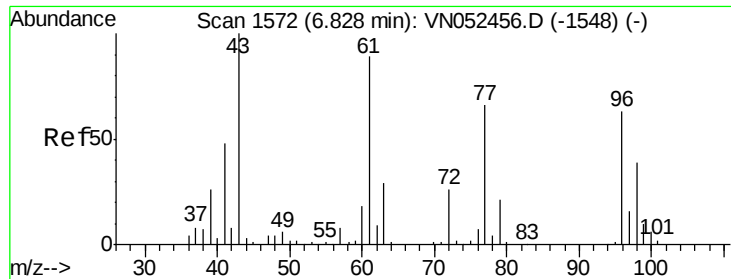
MMDadoda
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#30
 2-Butanone
 Concen: 89.769 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
43	100		
57	8.3	6.2	9.4
72	26.9	21.0	31.6





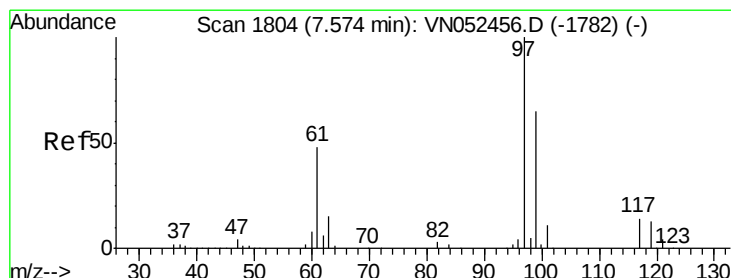
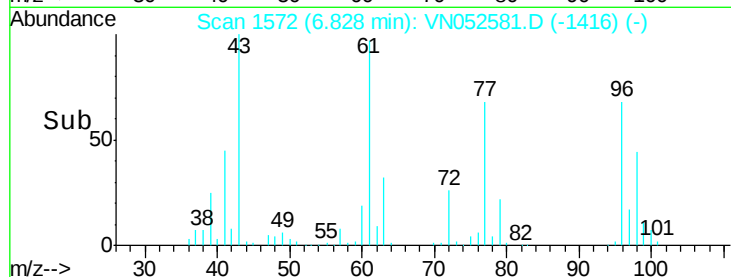
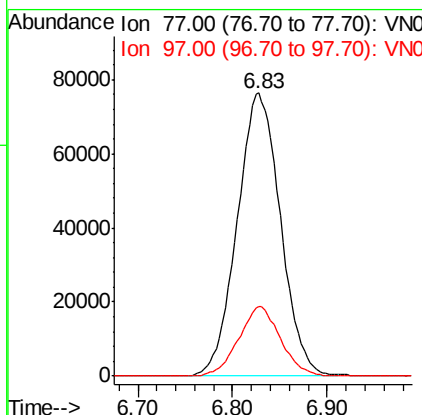
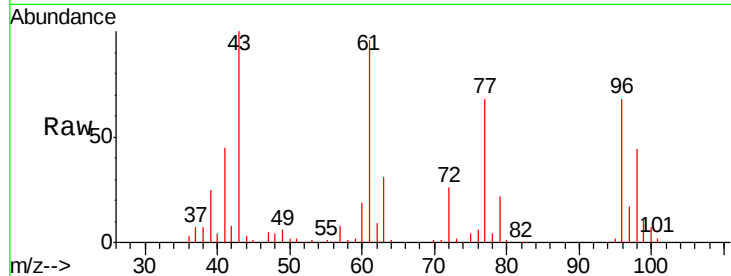
#31
 2,2-Dichloropropane
 Concen: 17.092 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS02

Tgt Ion: 77 Resp: 242634
 Ion Ratio Lower Upper
 77 100
 97 23.8 18.7 28.1

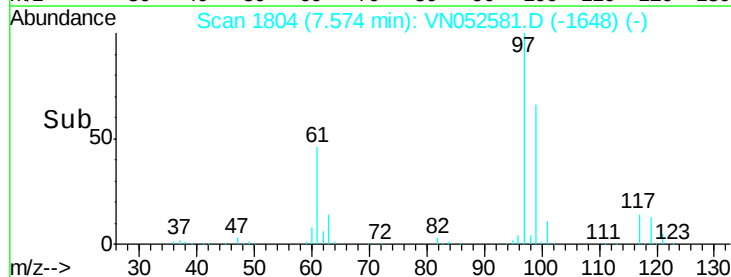
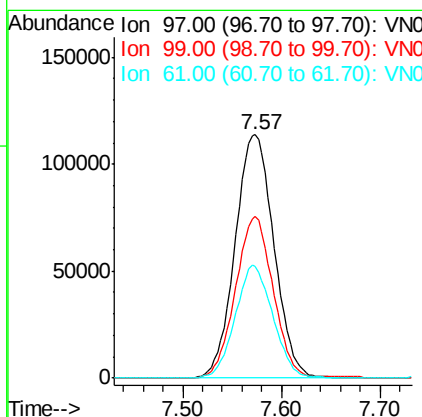
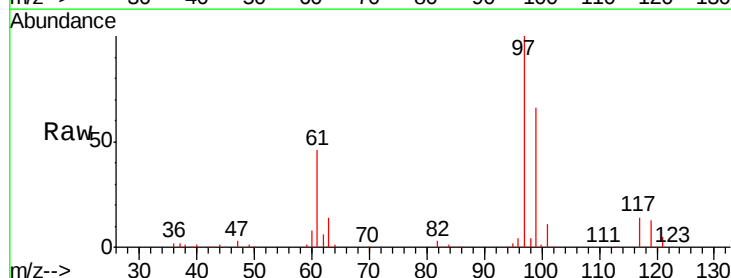
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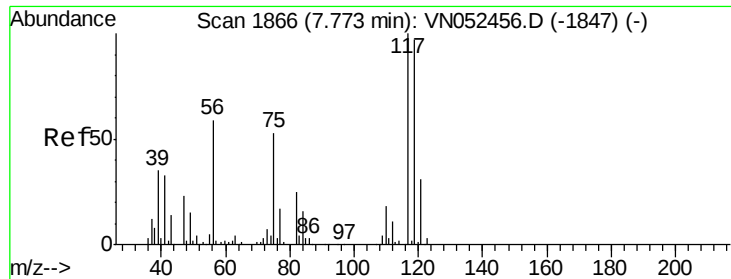
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#32
 1,1,1-Trichloroethane
 Concen: 19.360 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Tgt Ion: 97 Resp: 310626
 Ion Ratio Lower Upper
 97 100
 99 64.3 50.9 76.3
 61 44.9 38.1 57.1





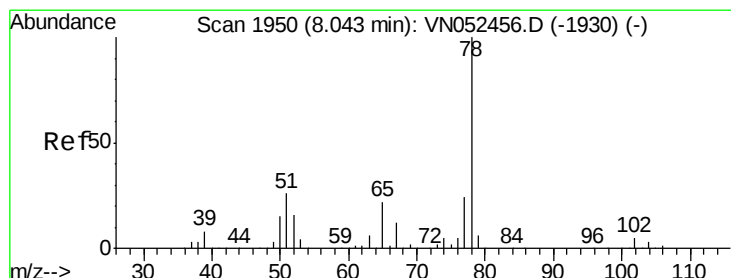
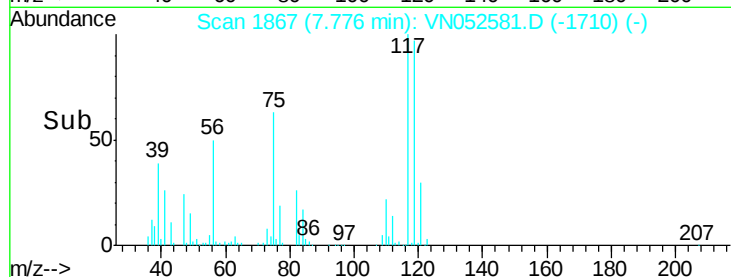
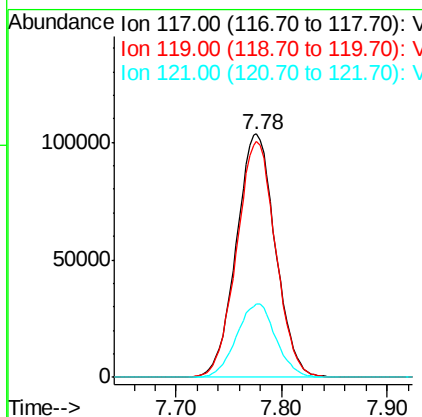
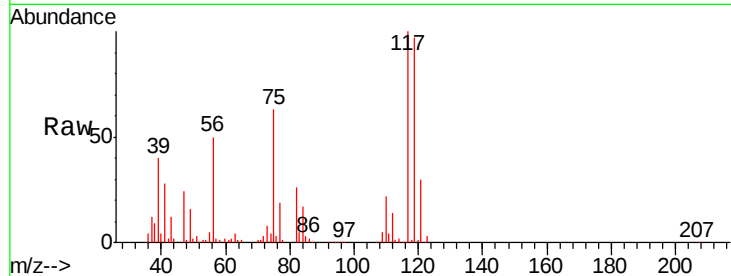
#33
Carbon Tetrachloride
Concen: 18.977 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	266419		
119	96.7	77.3	115.9	
121	30.3	24.9	37.3	

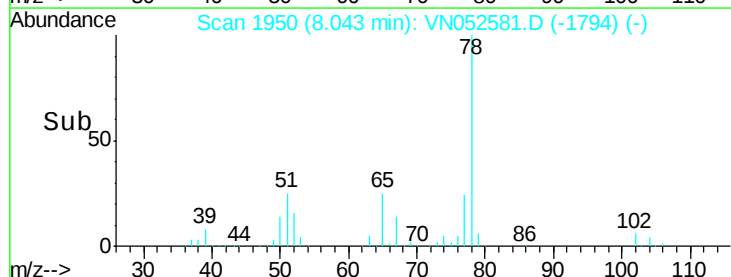
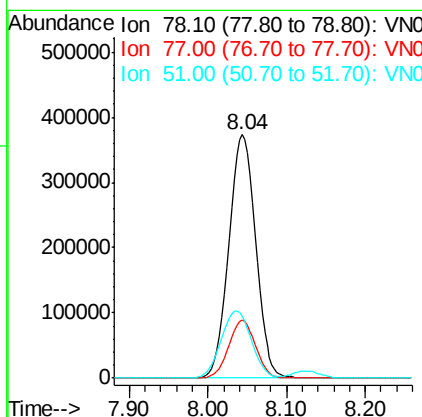
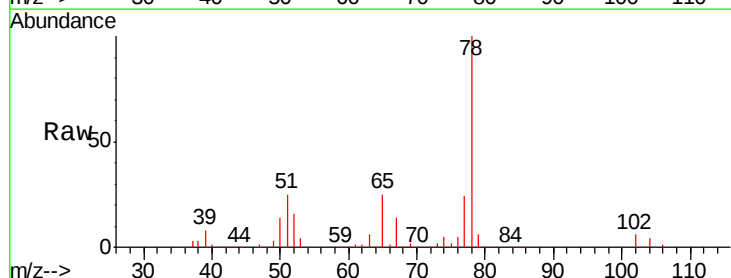
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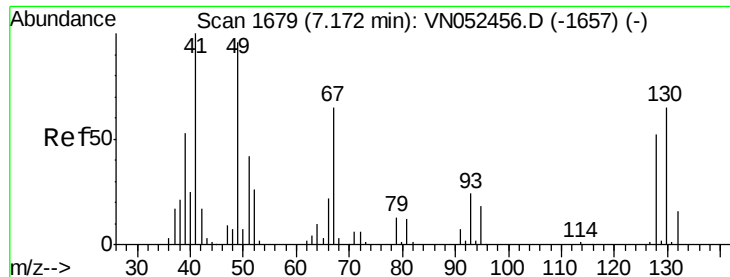
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#34
Benzene
Concen: 19.013 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	881456		
77	24.1	19.0	28.6	
51	25.4	20.5	30.7	





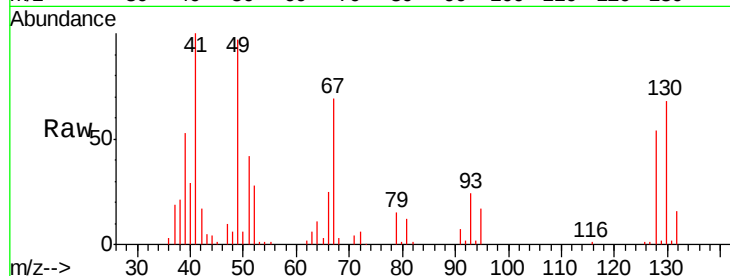
#35
Methacrylonitrile
Concen: 18.164 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS02

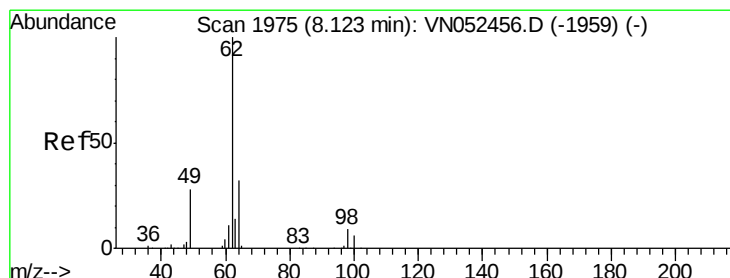
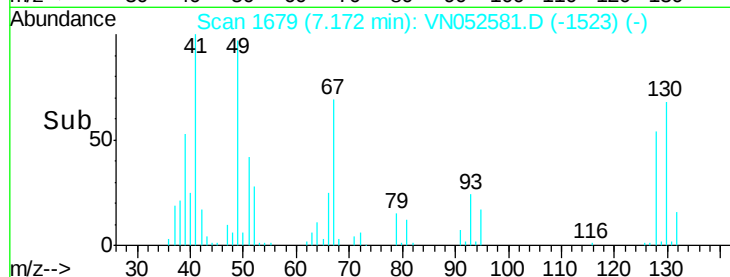
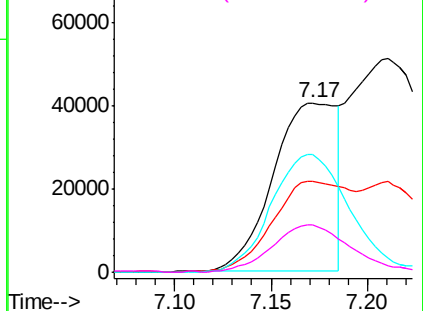
Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.2	26.6	79.7
67	69.6	32.3	96.9
52	27.3	13.0	38.9

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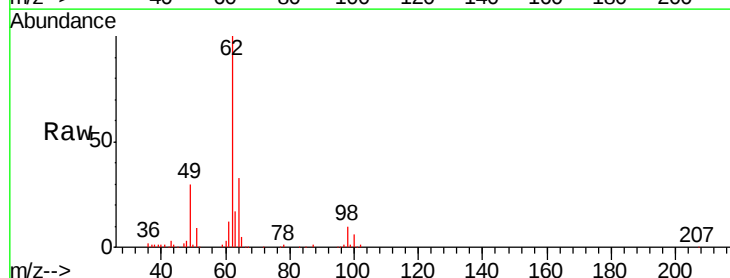


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

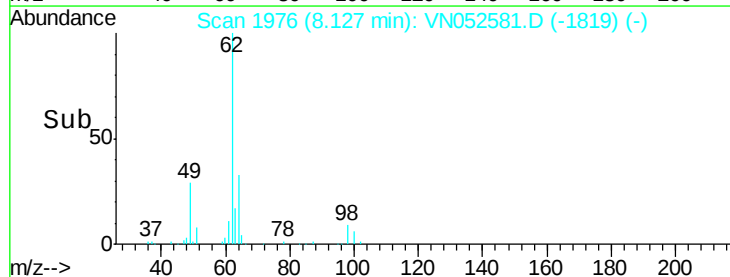
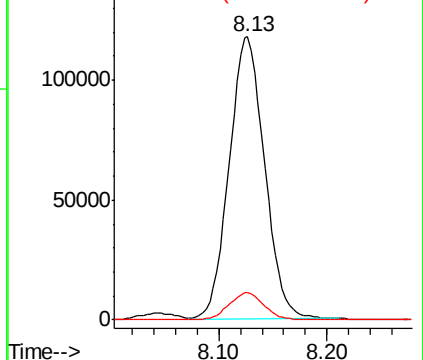


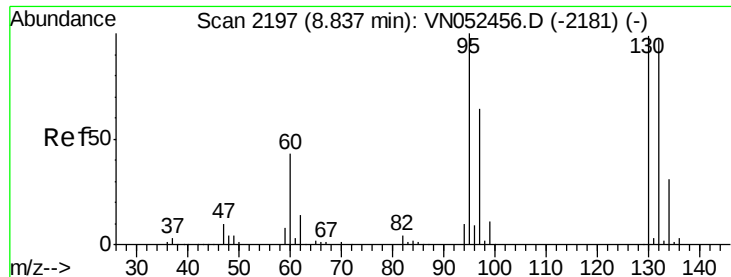
#36
1,2-Dichloroethane
Concen: 19.182 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.4	11.2



Abundance Ion 62.00 (61.70 to 62.70): VNC
Ion 98.00 (97.70 to 98.70): VNC





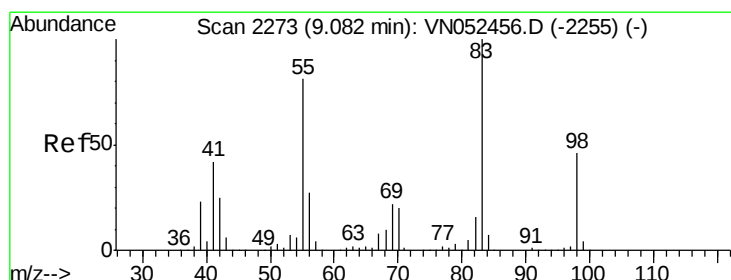
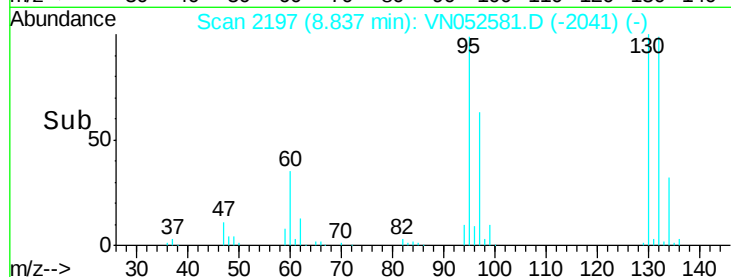
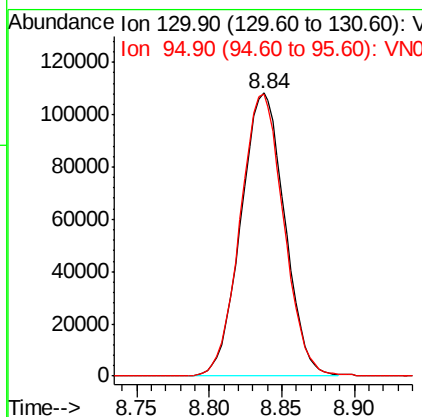
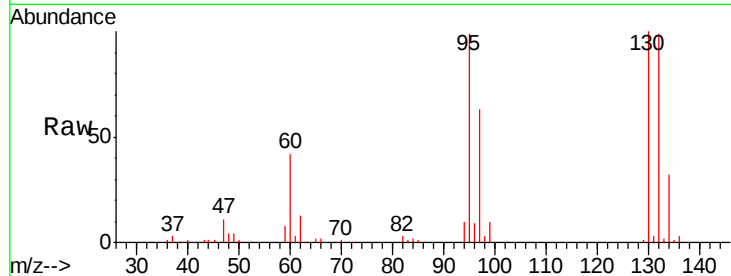
#37
 Trichloroethene
 Concen: 19.310 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS02

Tgt Ion:130 Resp: 227011
 Ion Ratio Lower Upper
 130 100
 95 99.5 81.0 121.4

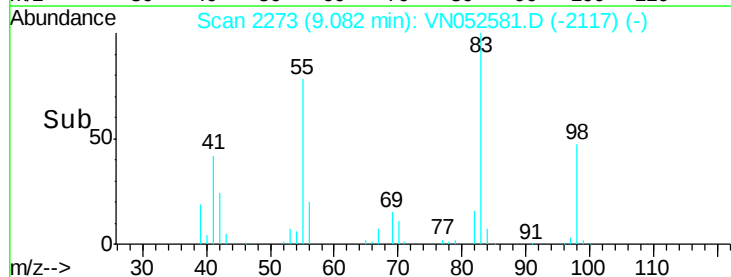
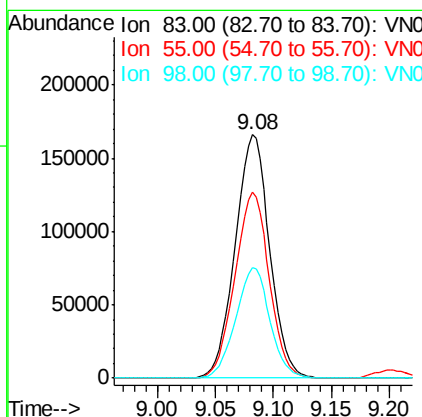
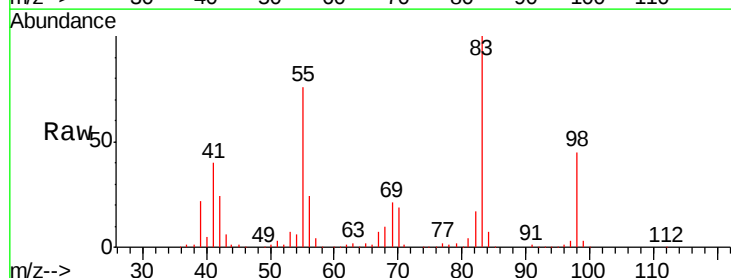
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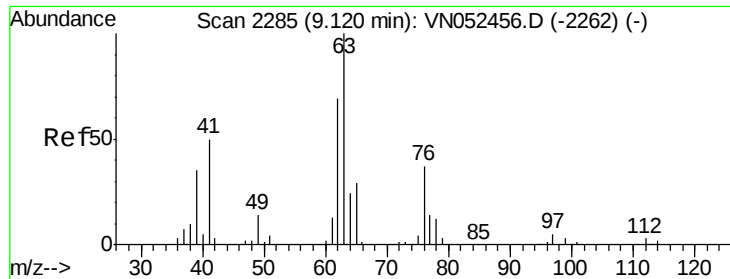
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#38
 Methylcyclohexane
 Concen: 17.924 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Tgt Ion: 83 Resp: 342152
 Ion Ratio Lower Upper
 83 100
 55 76.0 39.8 119.4
 98 45.0 22.9 68.5





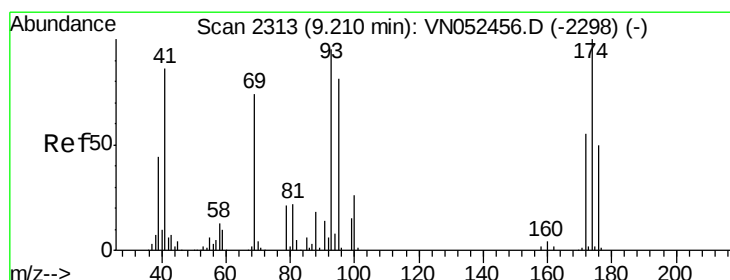
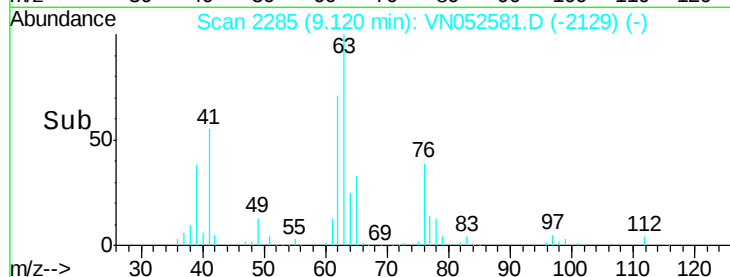
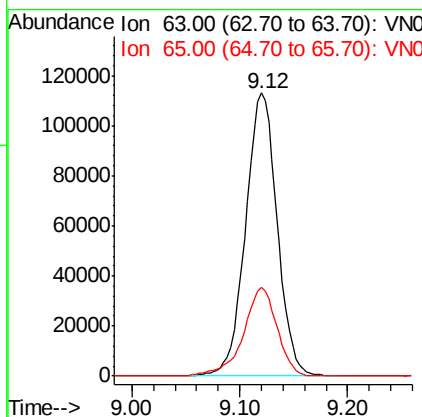
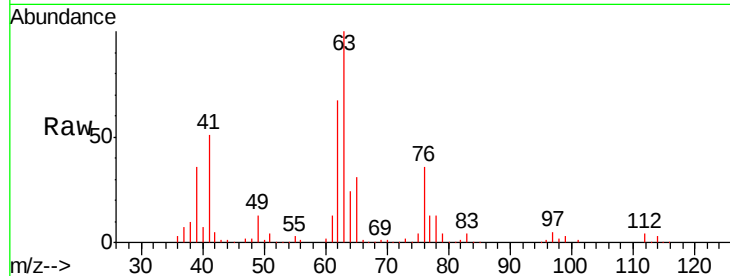
#39
 1,2-Dichloropropane
 Concen: 18.543 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS02

Tgt Ion: 63 Resp: 230442
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.6 35.4

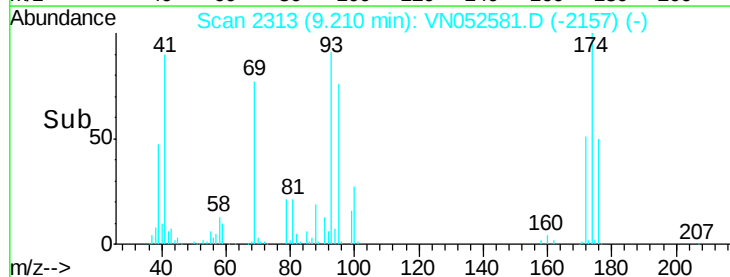
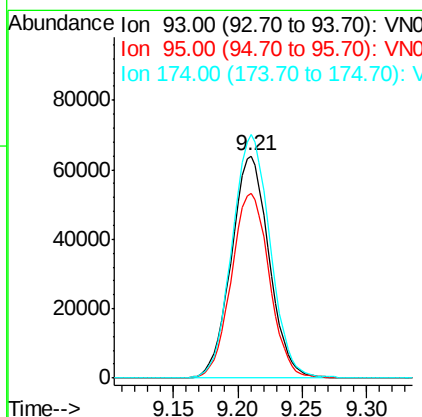
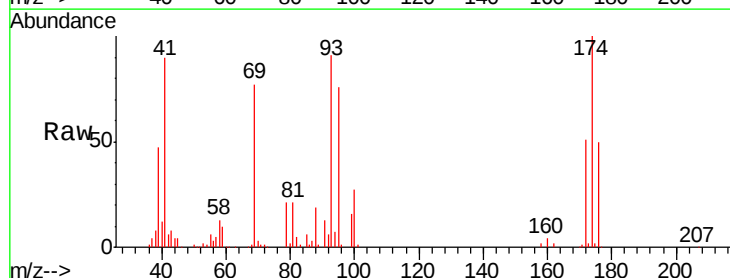
Manual Integrations
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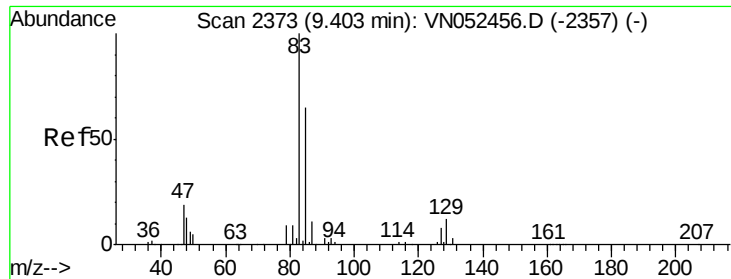
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 11/30/2018 11:04:24 AM



#40
 Dibromomethane
 Concen: 19.455 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Tgt Ion: 93 Resp: 130653
 Ion Ratio Lower Upper
 93 100
 95 83.7 0.0 168.4
 174 110.3 0.0 210.0





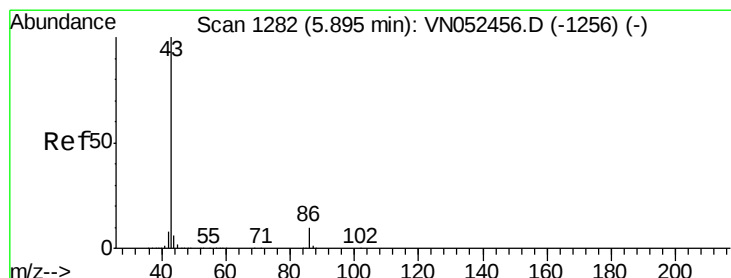
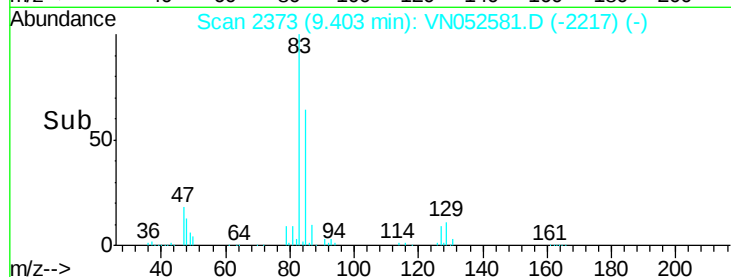
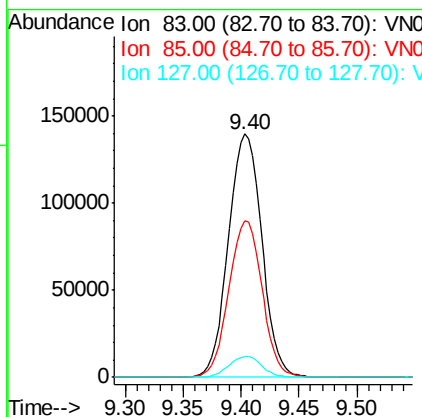
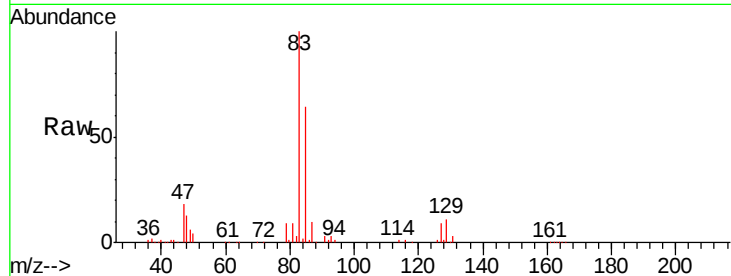
#41
Bromodichloromethane
Concen: 18.856 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.4	78.6
127	8.6	6.6	9.8

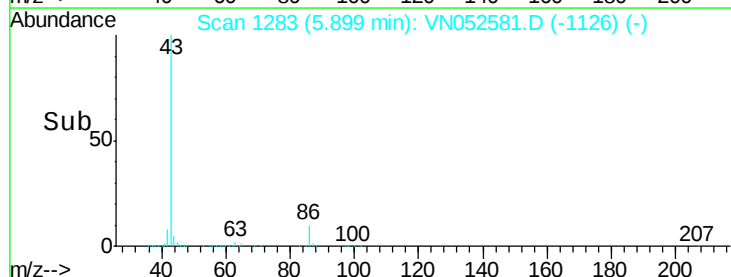
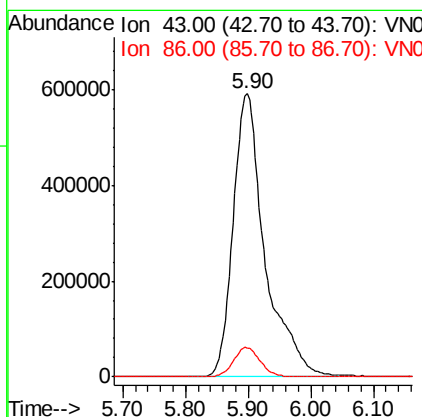
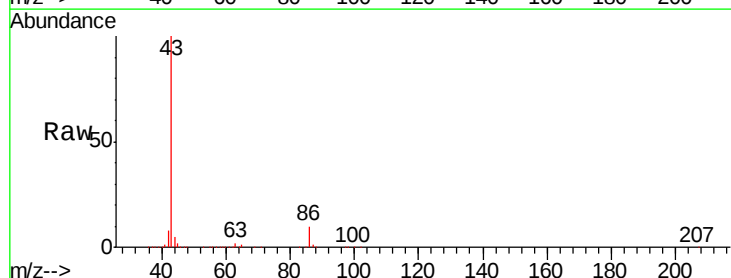
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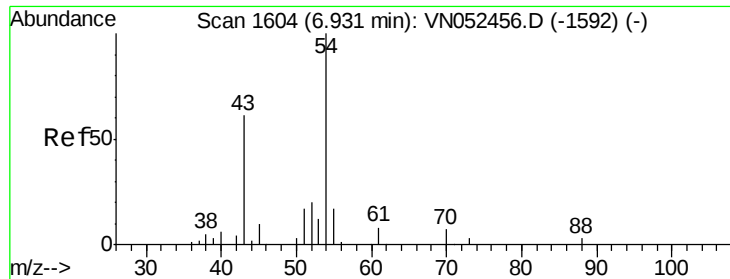
MMDadoda
11/30/2018 11:04:24 AM



#42
Vinyl Acetate
Concen: 93.149 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Tgt Ion	Ratio	Lower	Upper
43	100		
86	8.8	6.5	9.7





#43

Ethyl Acetate

Concen: 18.831 ug/l

RT: 6.93 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBS02

Tgt Ion: 43 Resp: 165223

Ion Ratio Lower Upper

43 100

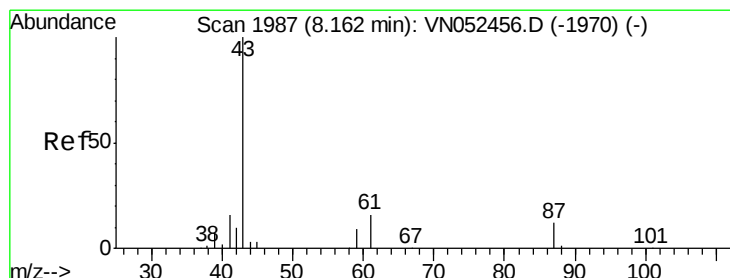
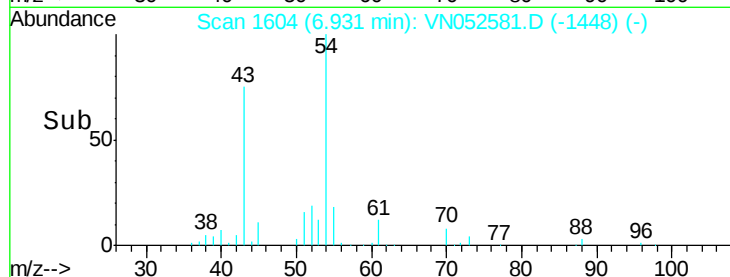
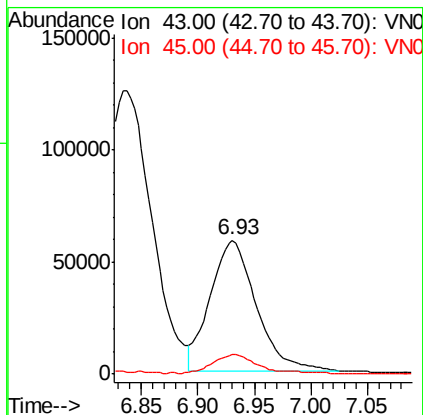
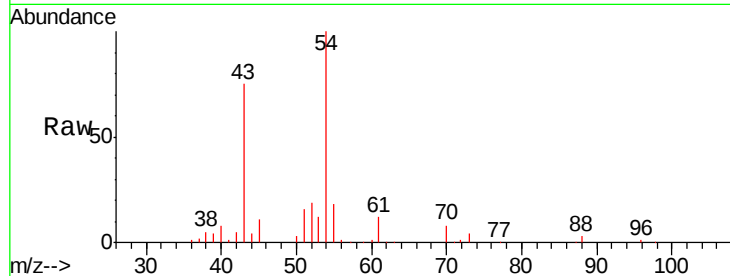
45 12.4 1.0 1.6#

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11/30/2018 11:04:24 AM



#44

Isopropyl Acetate

Concen: 20.078 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052581.D

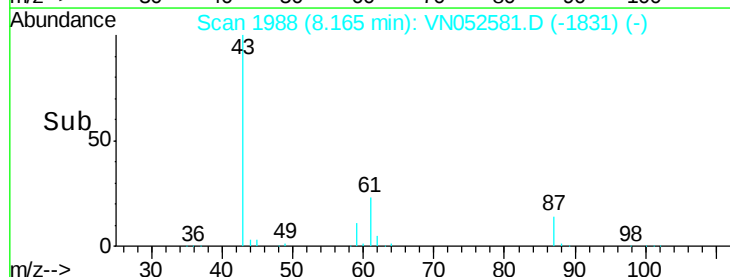
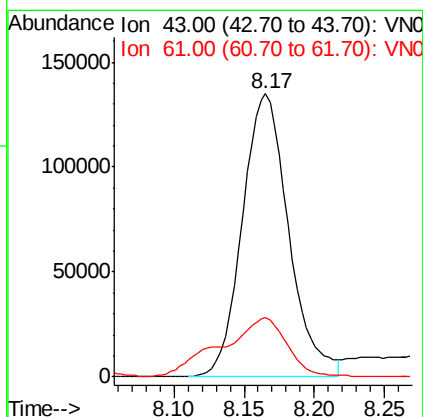
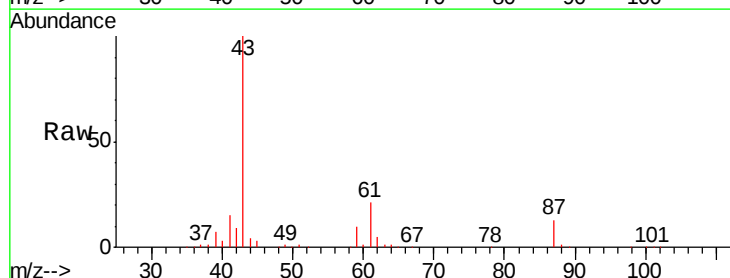
Acq: 29 Nov 2018 23:17

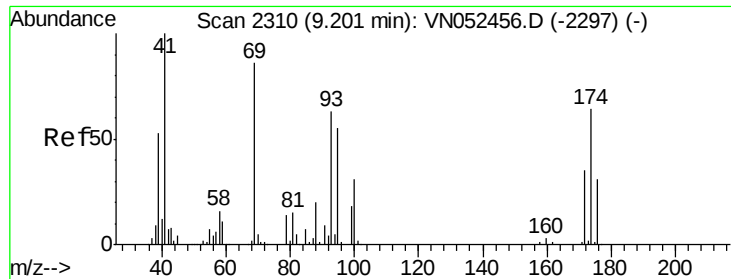
Tgt Ion: 43 Resp: 308951

Ion Ratio Lower Upper

43 100

61 29.1 16.0 24.0#





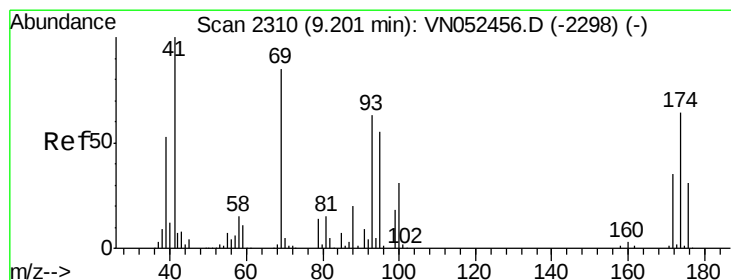
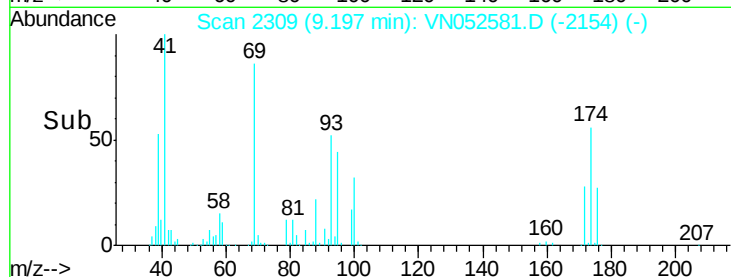
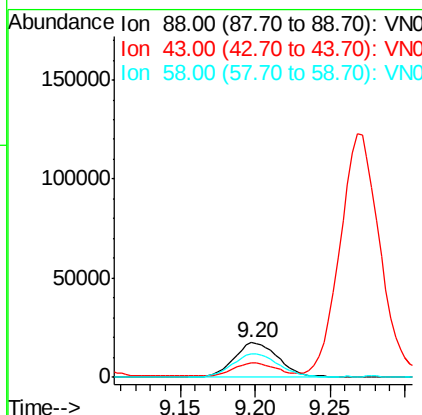
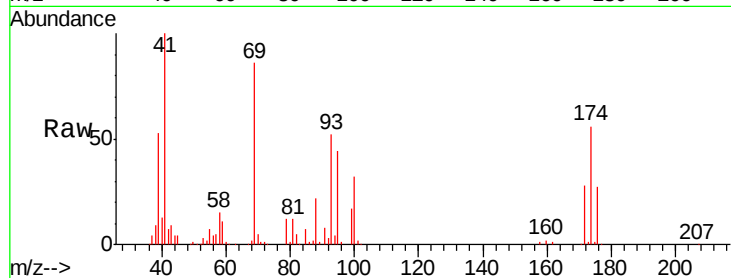
#45
 1,4-Dioxane
 Concen: 431.837 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.2	29.5	44.3
58	70.7	61.5	92.3

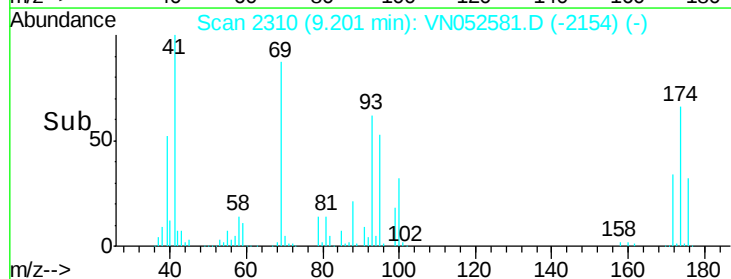
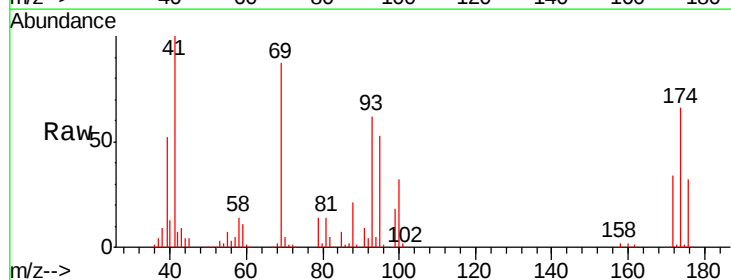
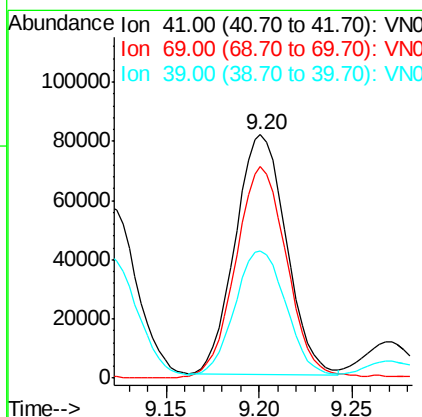
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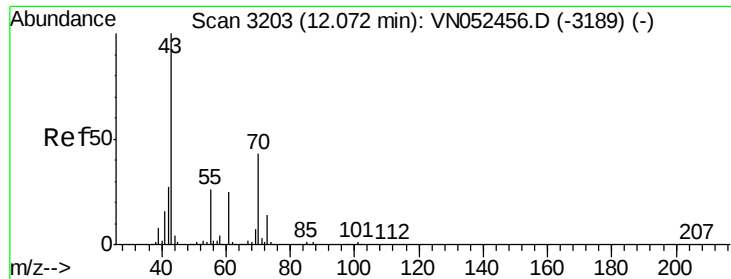
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#46
 Methyl methacrylate
 Concen: 19.356 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Tgt Ion	Ratio	Lower	Upper
41	100		
69	87.6	42.5	127.6
39	51.8	26.3	78.9





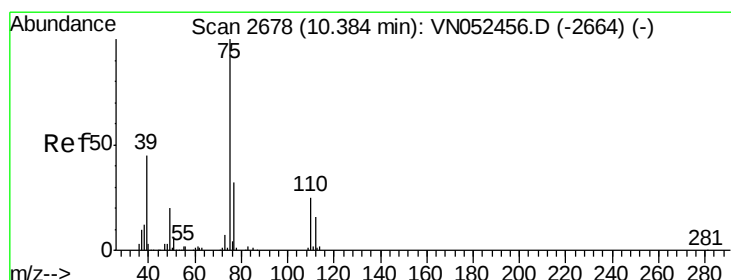
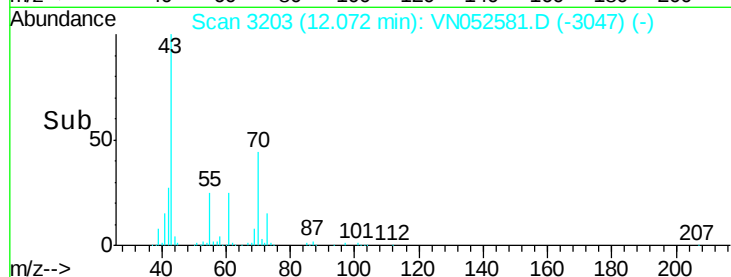
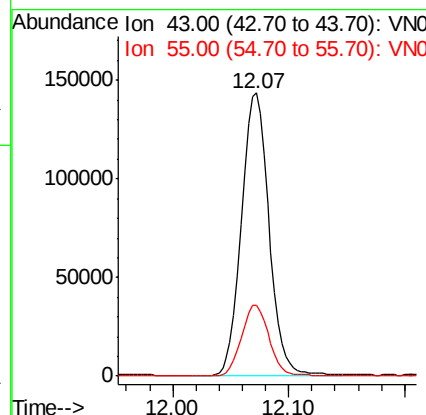
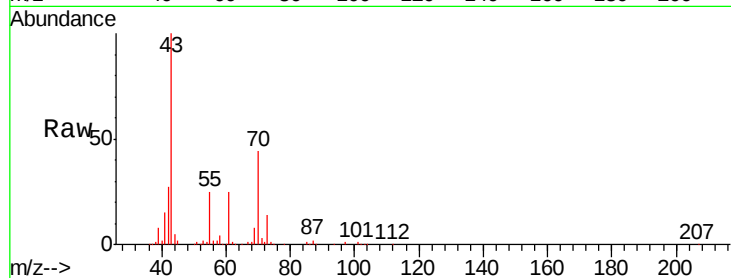
#47
n-amyl Acetate
Concen: 18.431 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. -0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS02

Tgt Ion: 43 Resp: 235148
Ion Ratio Lower Upper
43 100
55 25.3 21.1 31.7

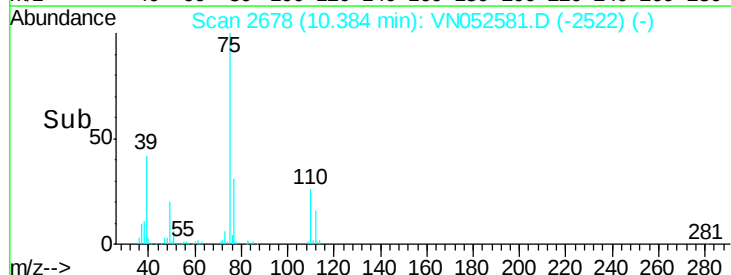
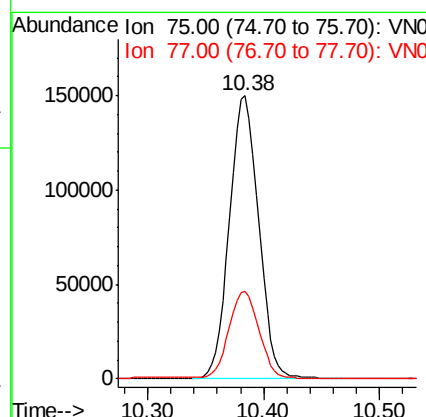
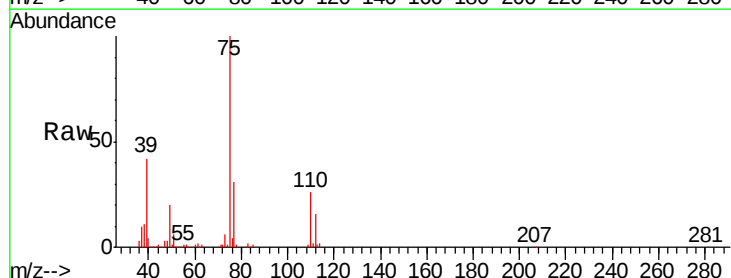
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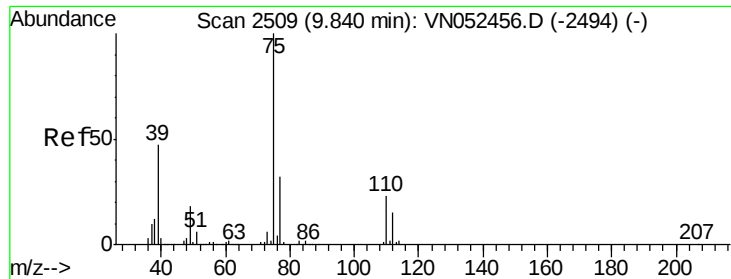
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#48
t-1,3-Dichloropropene
Concen: 18.196 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Tgt Ion: 75 Resp: 261777
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4





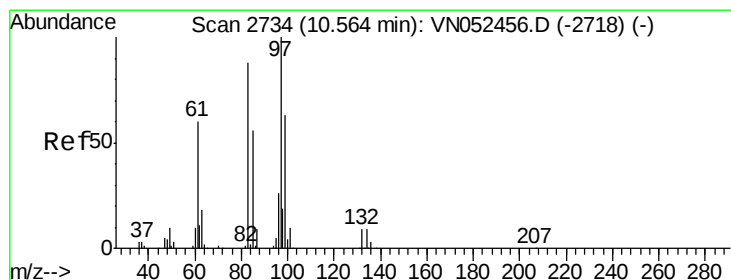
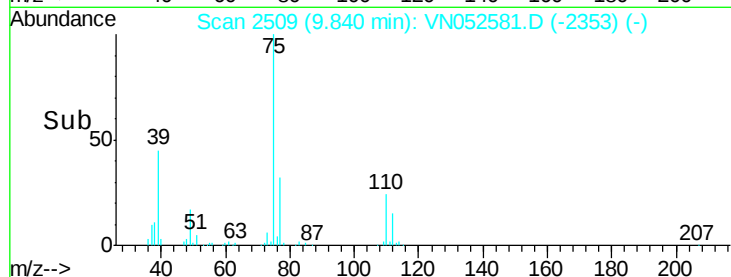
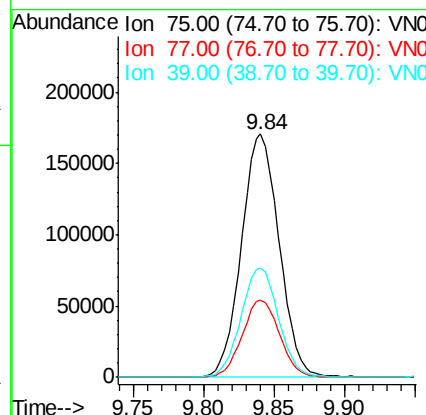
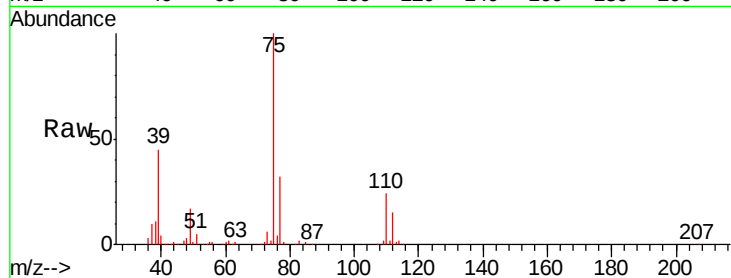
#49
 cis-1,3-Dichloropropene
 Concen: 18.269 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.0
39	45.0	37.3	55.9

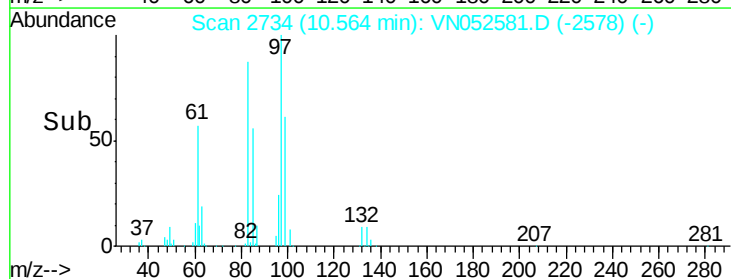
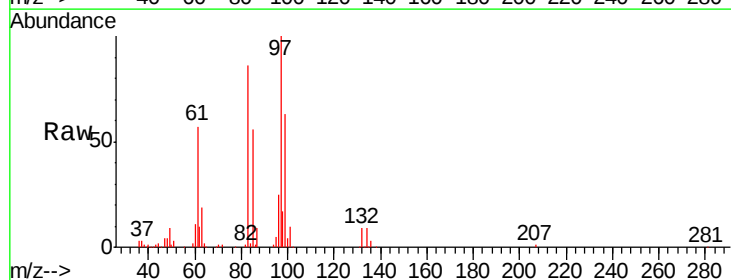
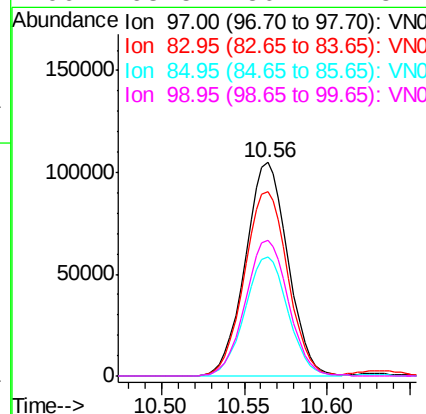
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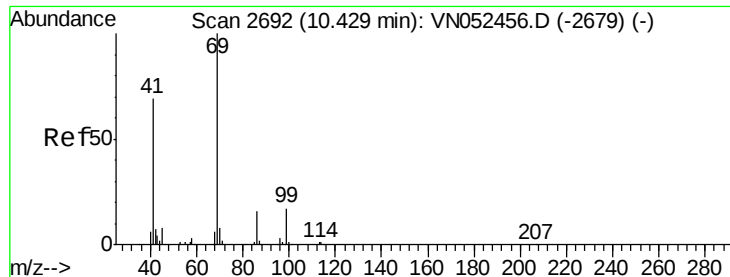
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#50
 1,1,2-Trichloroethane
 Concen: 19.681 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.5	70.4	105.6
85	55.8	45.0	67.6
99	63.5	50.2	75.2





#51

Ethyl methacrylate

Concen: 19.529 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

Instrument :

MSVOA_N

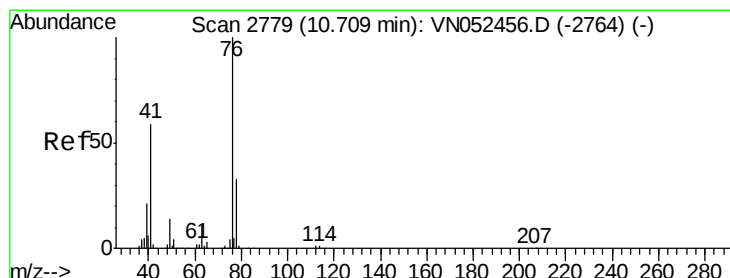
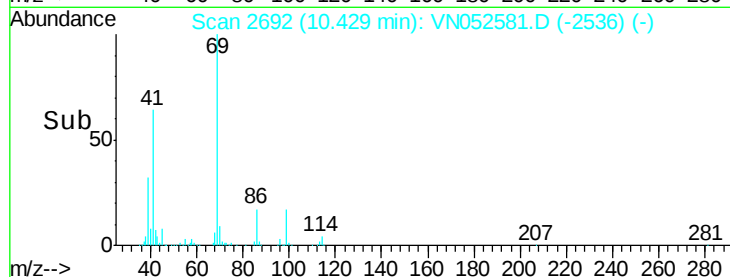
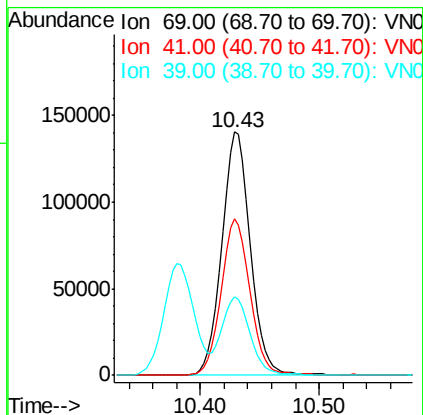
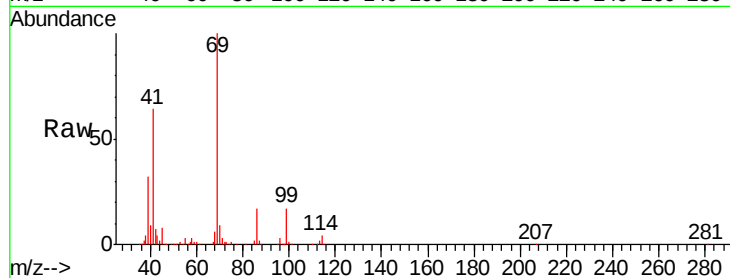
ClientSampleId :

VN1129WBS02

Tgt Ion:	69	Resp:	233493
Ion	Ratio	Lower	Upper
69	100		
41	64.0	34.4	103.3
39	31.8	16.4	49.2

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#52

1,3-Dichloropropane

Concen: 19.201 ug/l

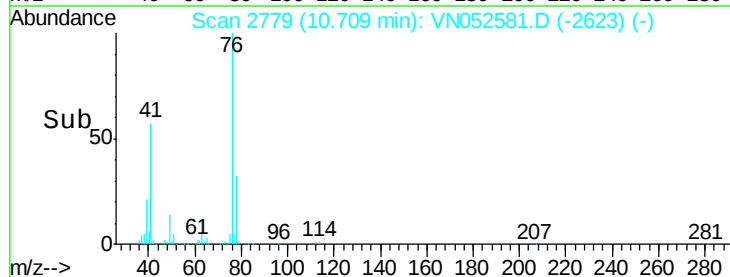
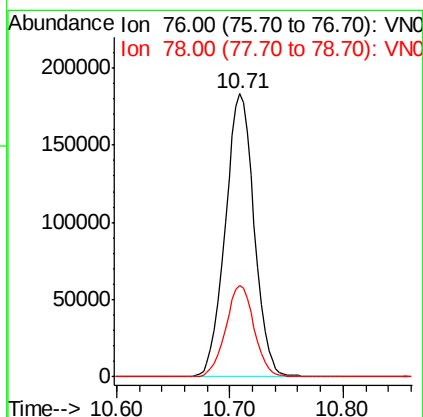
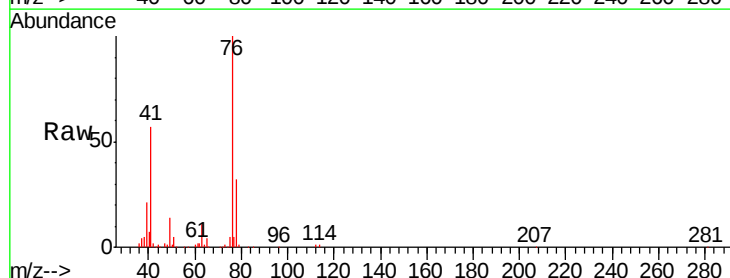
RT: 10.71 min Scan# 2779

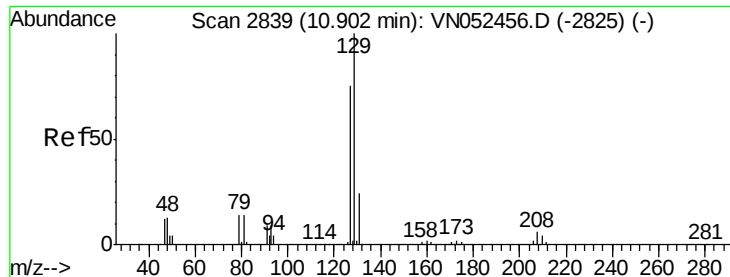
Delta R.T. 0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

Tgt Ion:	76	Resp:	325352
Ion	Ratio	Lower	Upper
76	100		
78	31.8	0.0	64.8





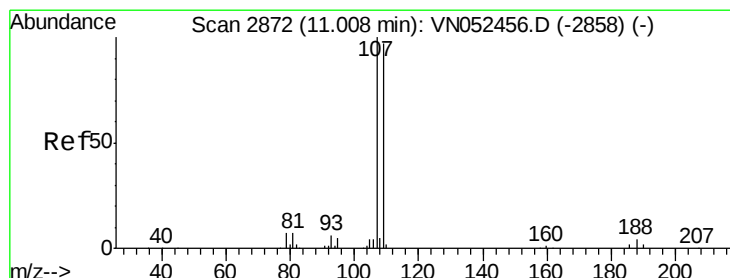
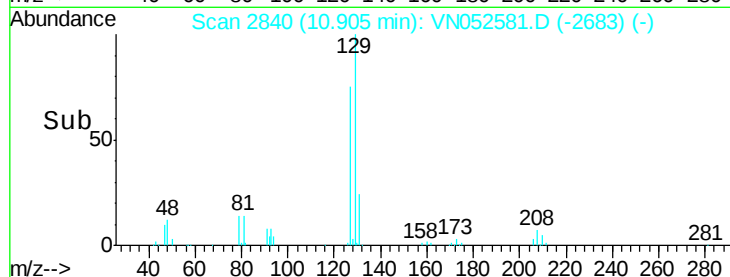
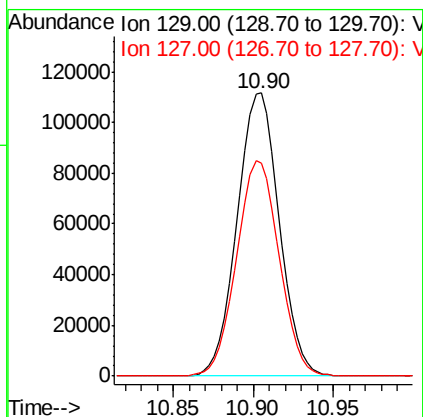
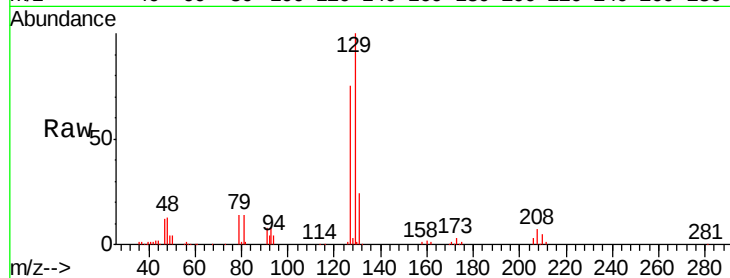
#53
Dibromochloromethane
Concen: 19.116 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS02

Tgt Ion:129 Resp: 200347
Ion Ratio Lower Upper
129 100
127 77.1 37.6 112.8

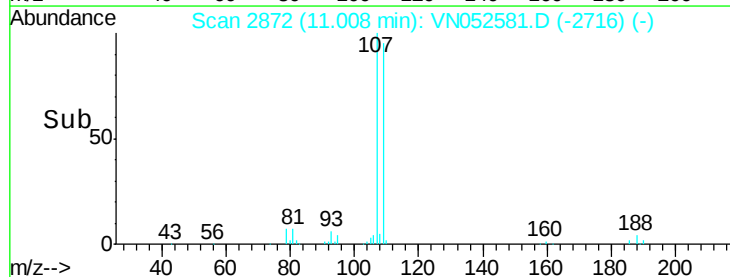
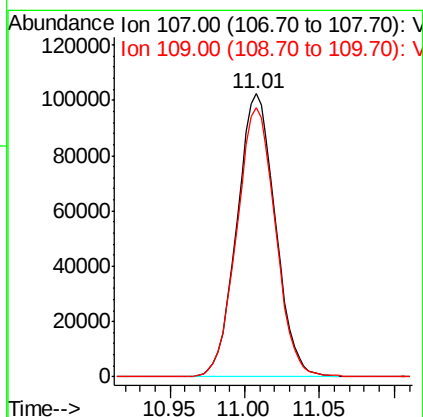
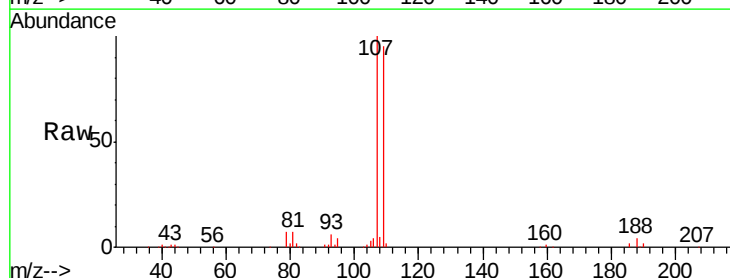
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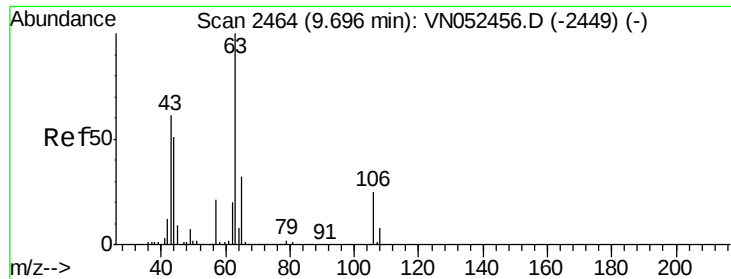
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#54
1,2-Dibromoethane
Concen: 19.667 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. -0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Tgt Ion:107 Resp: 182948
Ion Ratio Lower Upper
107 100
109 95.8 77.1 115.7





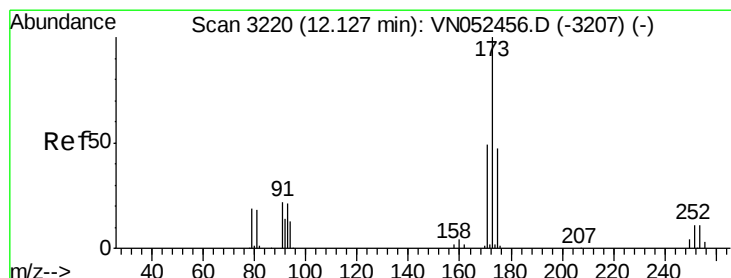
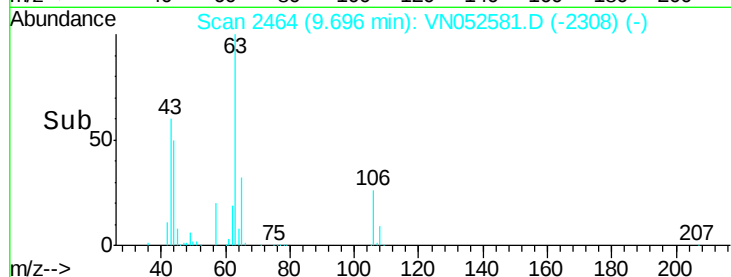
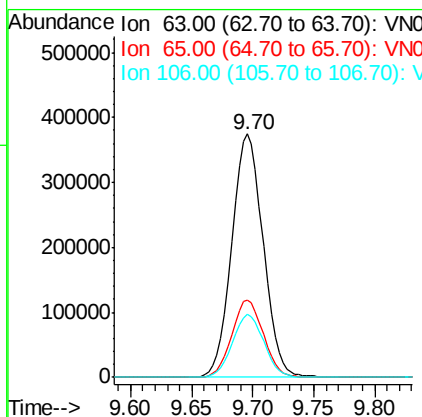
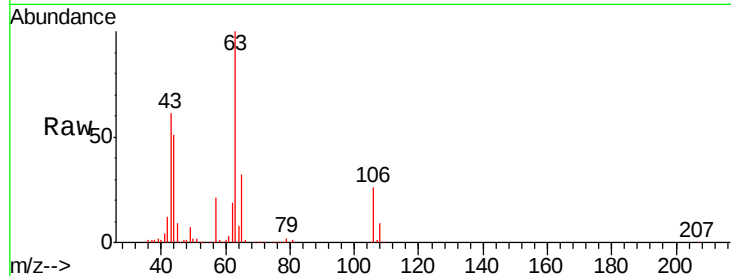
#55
 2-Chloroethyl vinyl ether
 Concen: 95.716 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS02

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.4	38.2
106	26.0	20.4	30.6

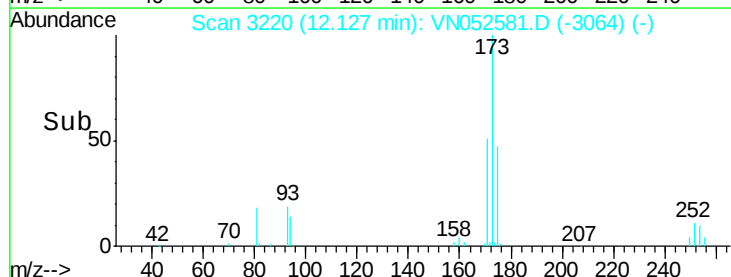
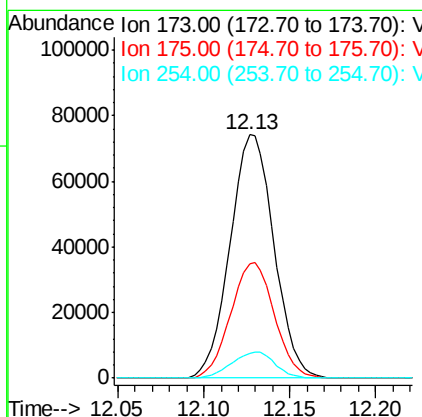
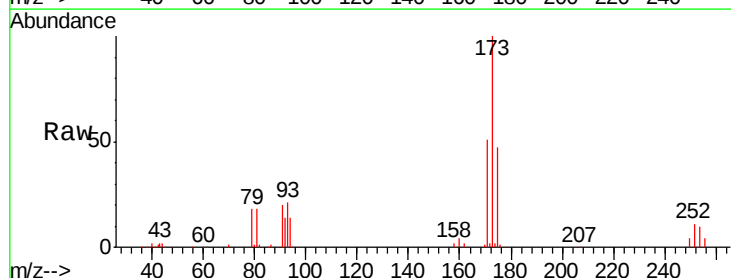
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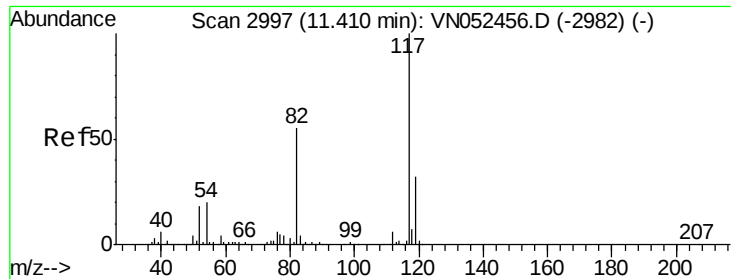
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#56
 Bromoform
 Concen: 19.214 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.2	38.7	58.1
254	10.5	8.4	12.6





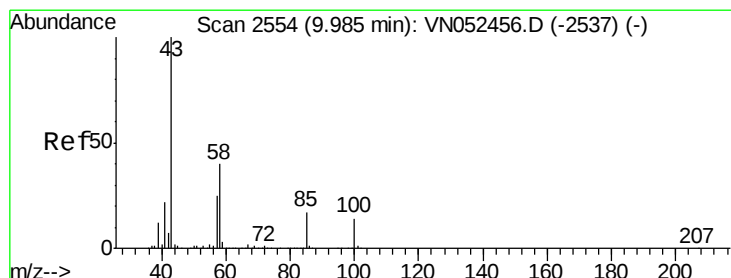
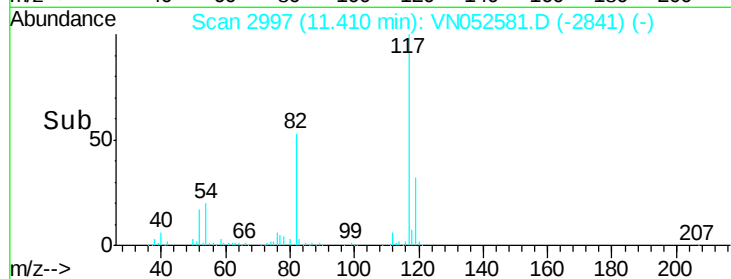
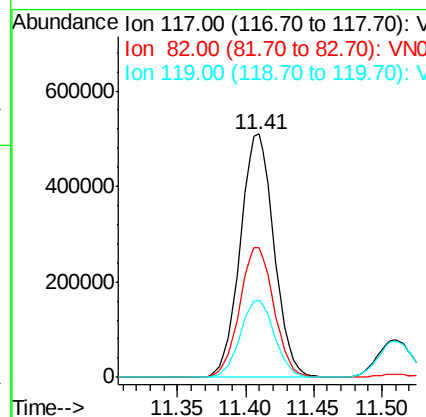
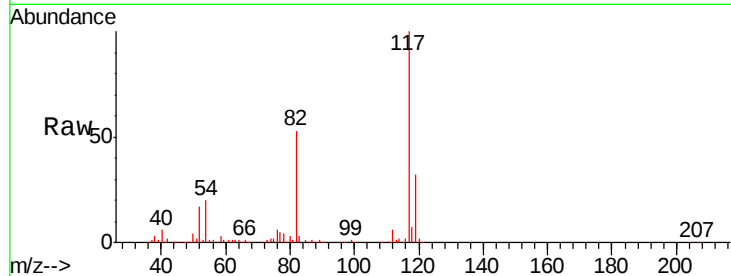
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	876528		
82	54.2	44.2	66.2	
119	32.1	25.4	38.2	

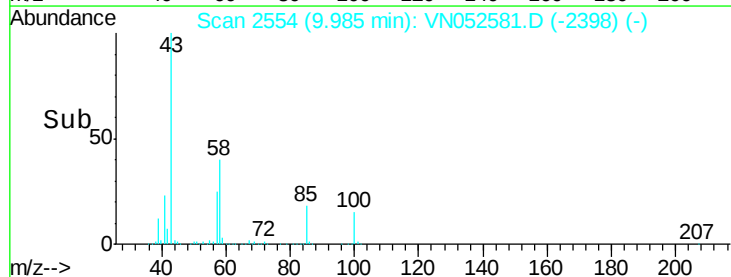
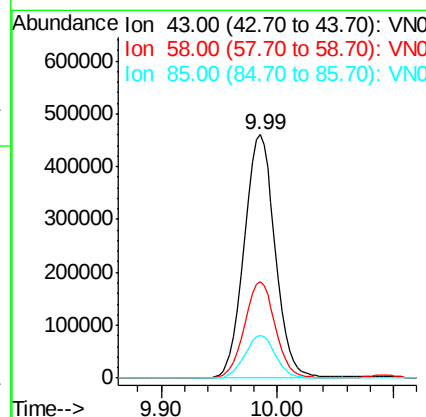
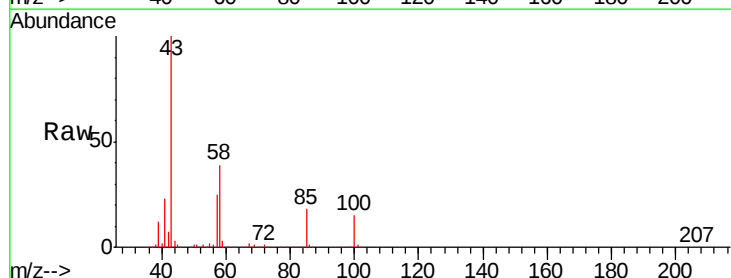
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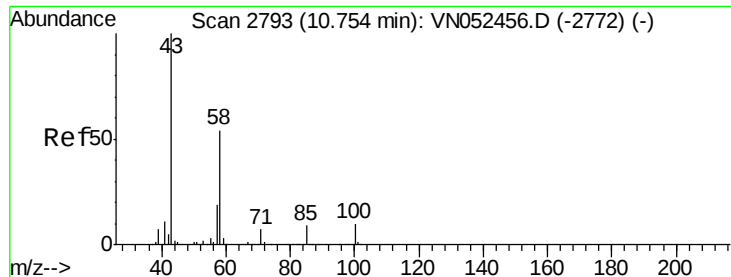
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 100.060 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	850279		
58	39.7	31.6	47.4	
85	17.6	13.3	19.9	





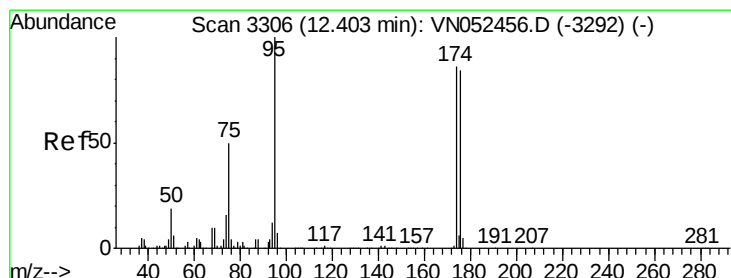
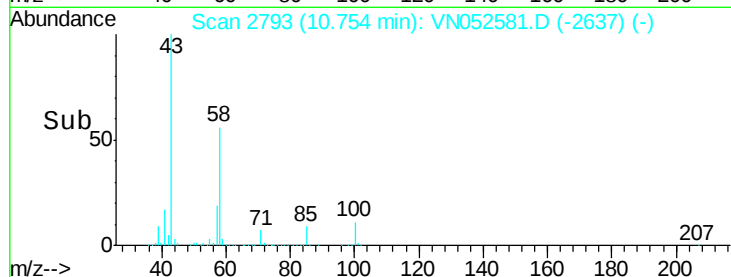
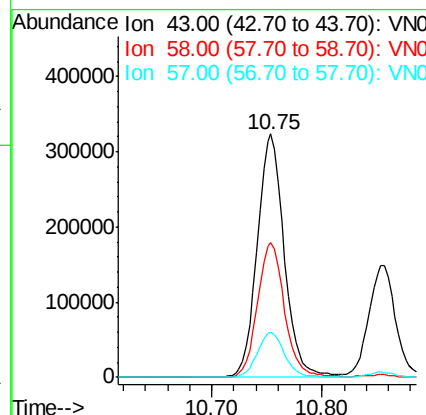
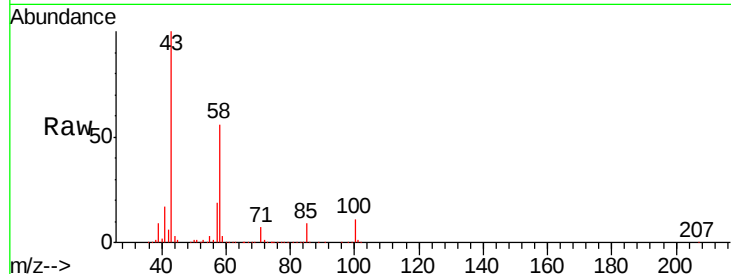
#59
2-Hexanone
Concen: 94.136 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	55.7	43.2	64.8
57	18.9	14.9	22.3

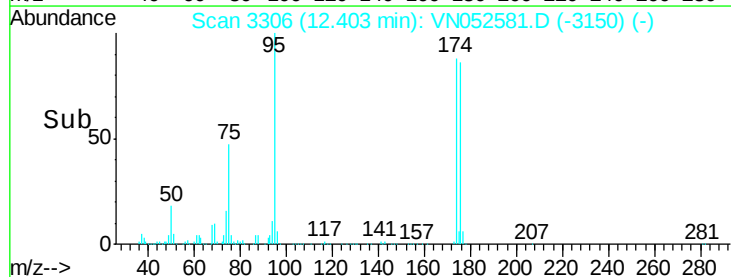
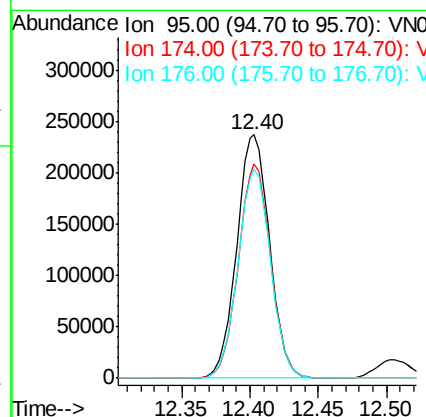
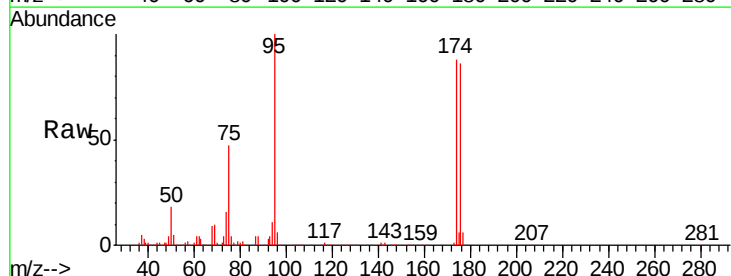
Manual Integrations
APPROVED

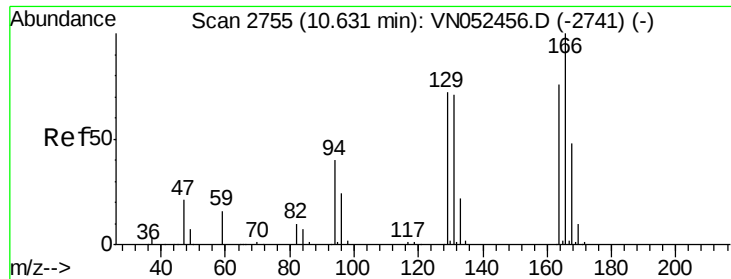
MMDadoda
11/30/2018 11:04:24 AM



#60
4-Bromofluorobenzene
Concen: 94.136 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.6	67.9	101.9
176	85.5	66.4	99.6





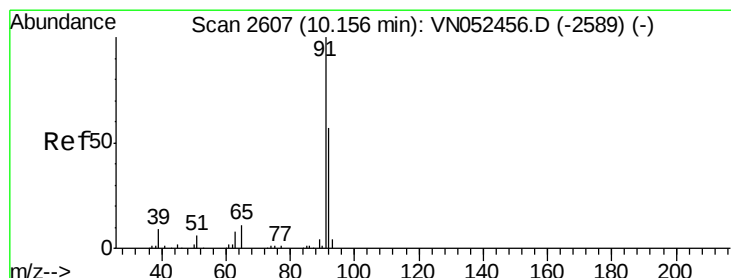
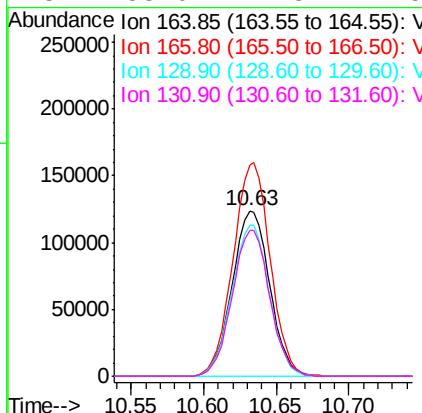
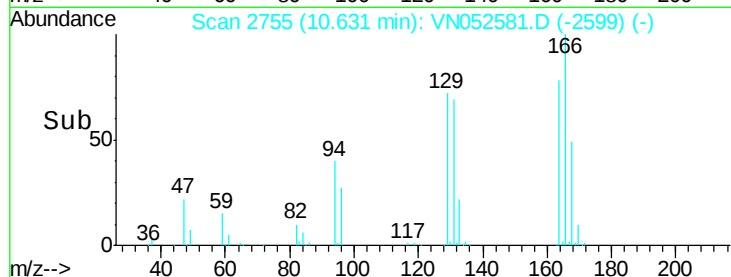
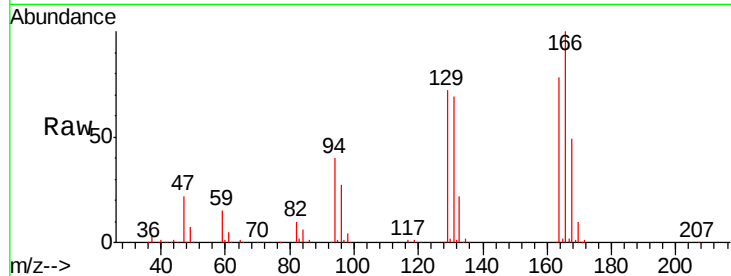
#61
Tetrachloroethene
Concen: 20.580 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	104.6	157.0
129	91.5	75.3	112.9
131	88.0	74.3	111.5

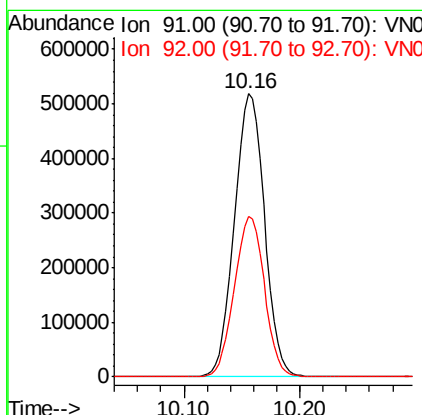
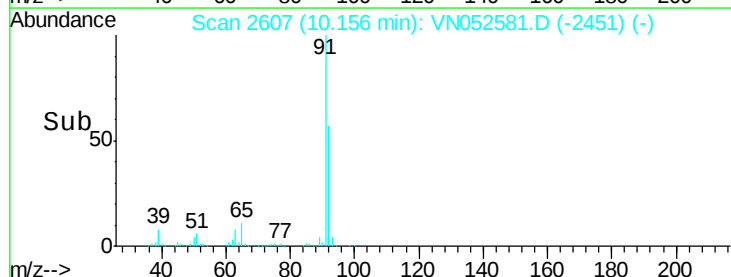
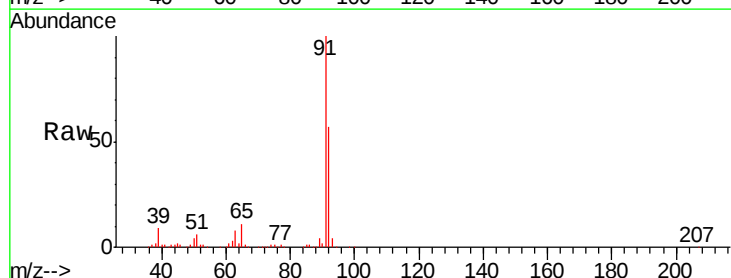
Manual Integrations
APPROVED

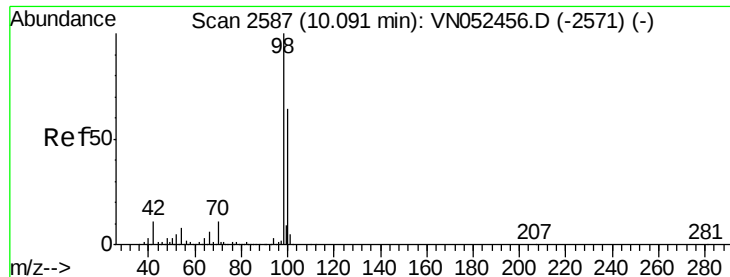
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11/30/2018 11:04:24 AM



#62
Toluene
Concen: 19.279 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.8	45.4	68.2





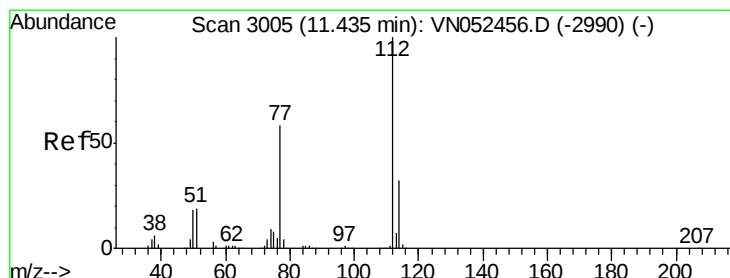
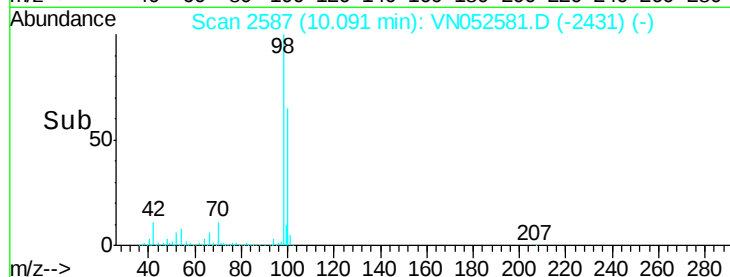
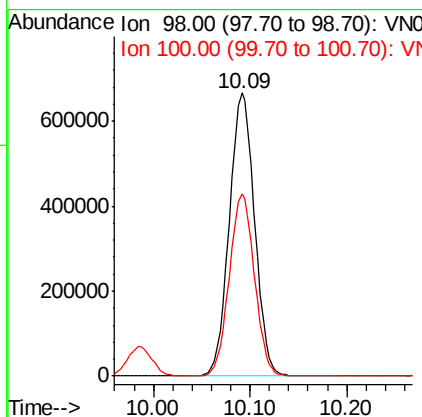
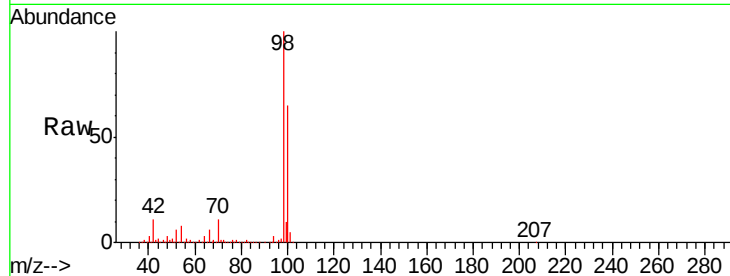
#63
Toluene-d8
Concen: 19.279 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS02

Tgt Ion: 98 Resp: 1207577
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7

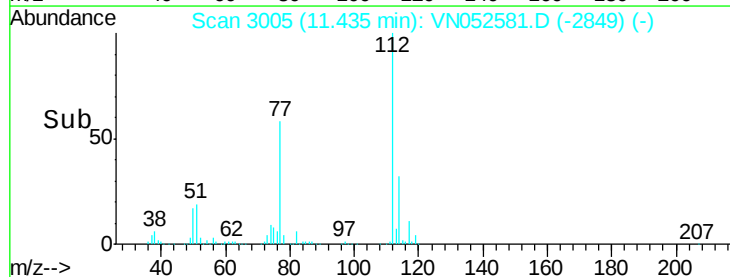
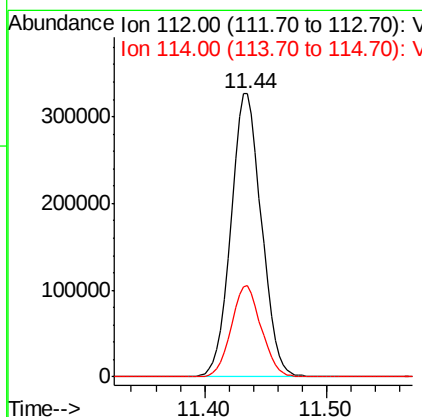
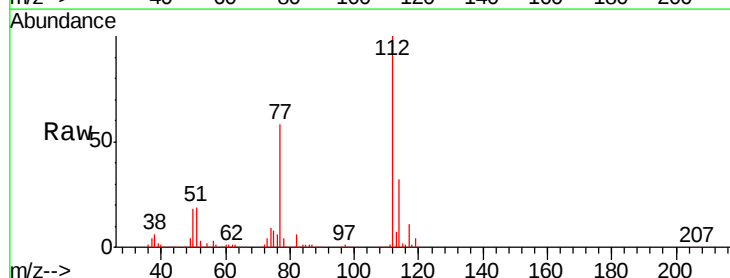
Manual Integrations
APPROVED

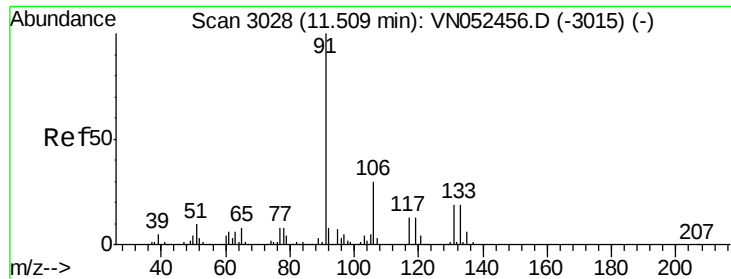
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#64
Chlorobenzene
Concen: 19.234 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Tgt Ion: 112 Resp: 567276
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4





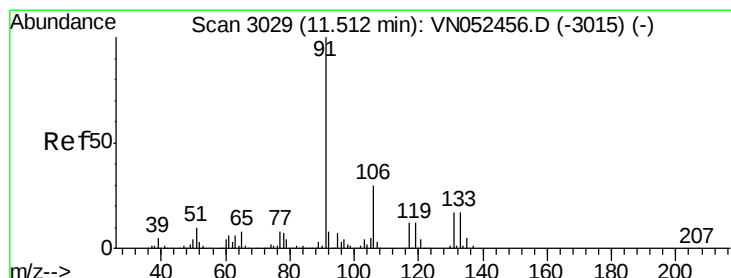
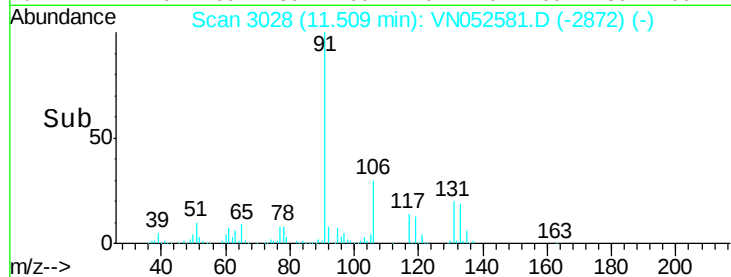
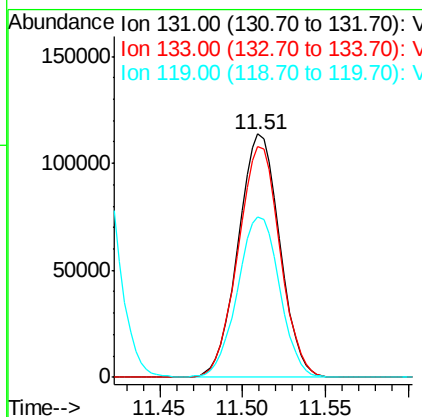
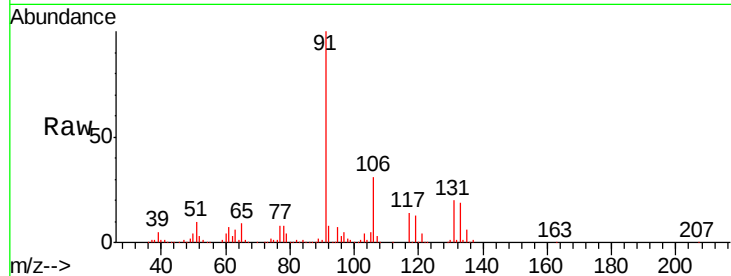
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.398 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. -0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	198582		
133	95.8	0.0	193.4	
119	66.9	0.0	133.0	

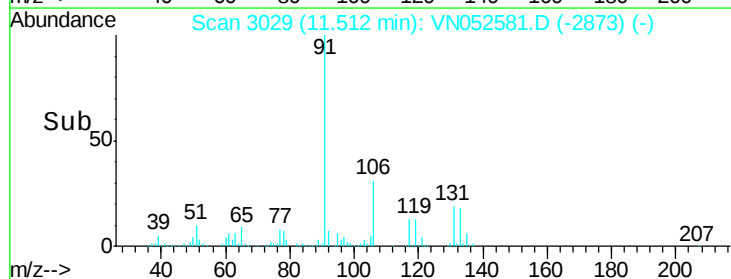
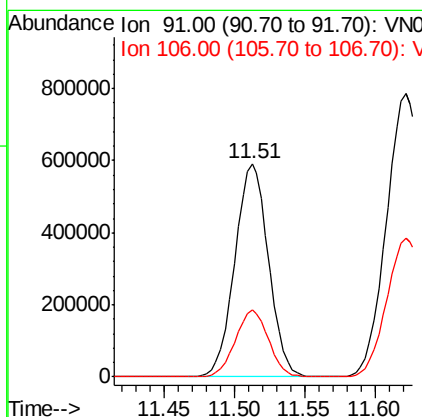
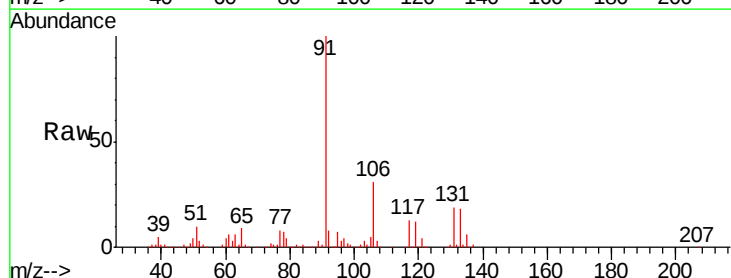
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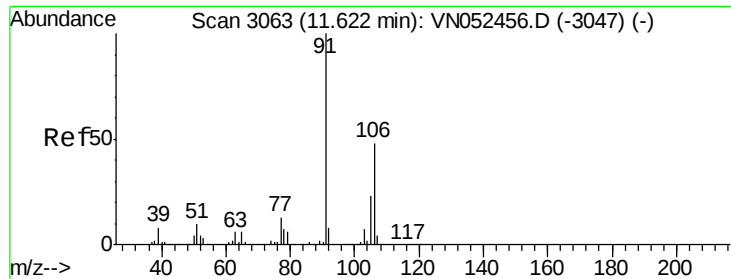
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#66
 Ethyl Benzene
 Concen: 18.947 ug/l
 RT: 11.51 min Scan# 3029
 Delta R.T. -0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	986725		
106	31.2	24.3	36.5	





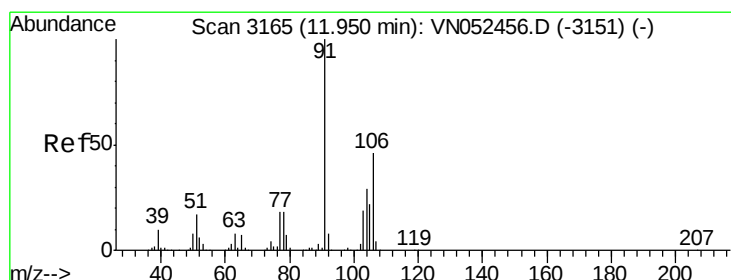
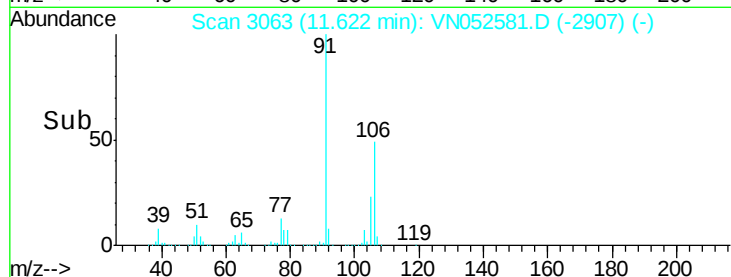
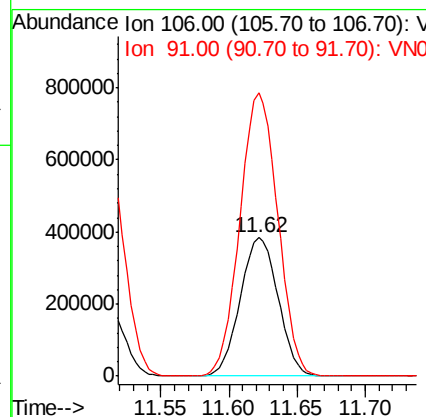
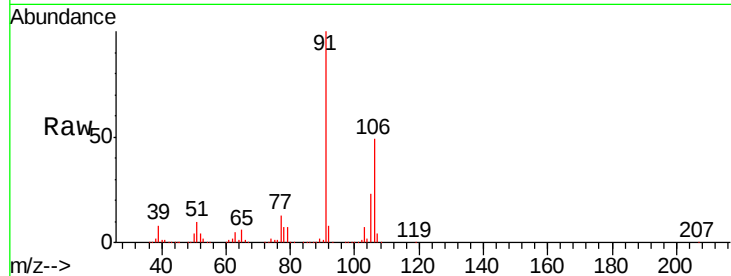
#67
m/p-Xylenes
Concen: 38.382 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS02

Tgt Ion:106 Resp: 744682
Ion Ratio Lower Upper
106 100
91 203.5 163.9 245.9

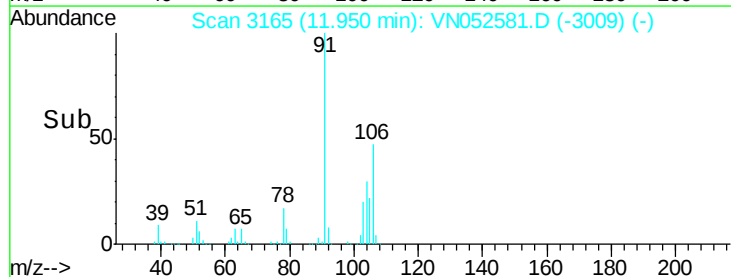
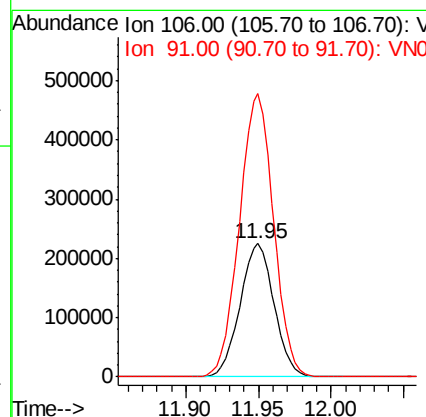
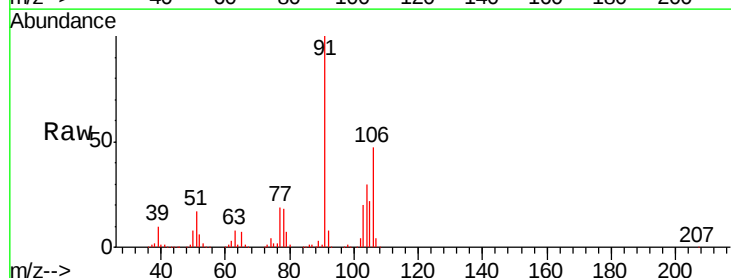
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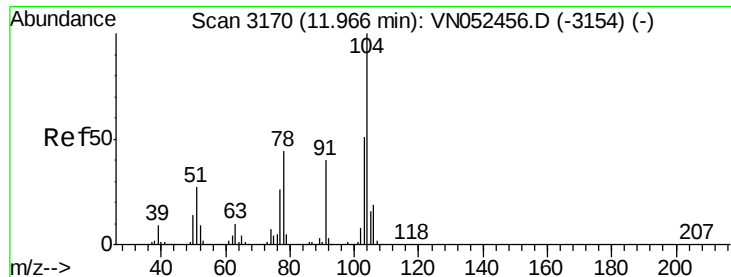
MMDadoda
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#68
o-Xylene
Concen: 19.397 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Tgt Ion:106 Resp: 365277
Ion Ratio Lower Upper
106 100
91 214.0 107.8 323.4





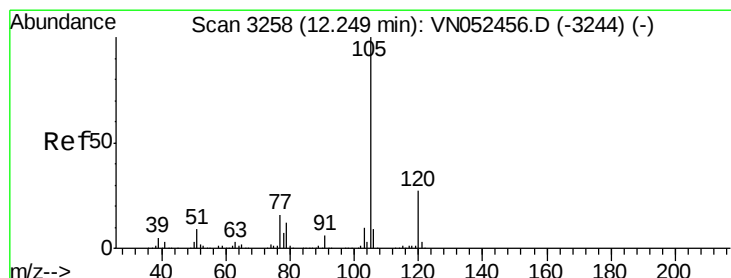
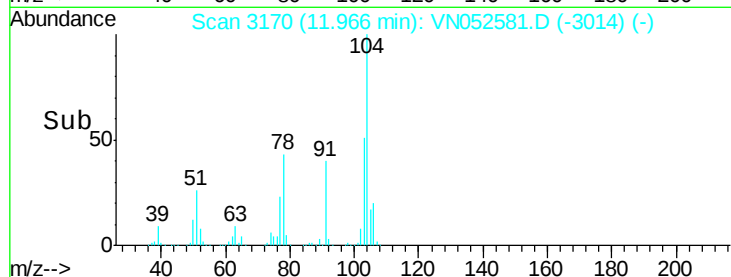
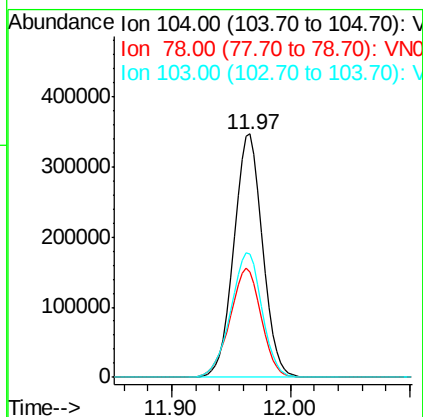
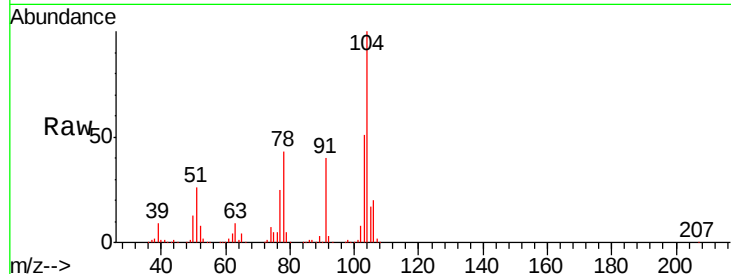
#69
Styrene
Concen: 19.075 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	579791		
78	48.9	39.3	58.9	
103	55.9	44.6	66.8	

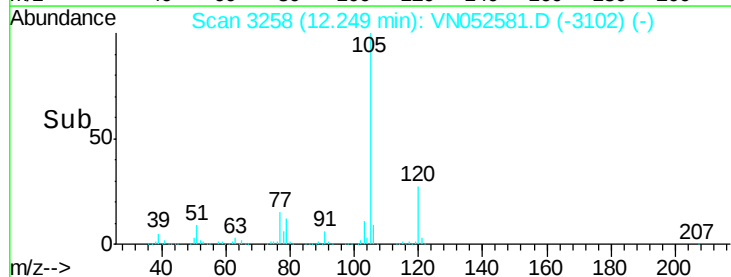
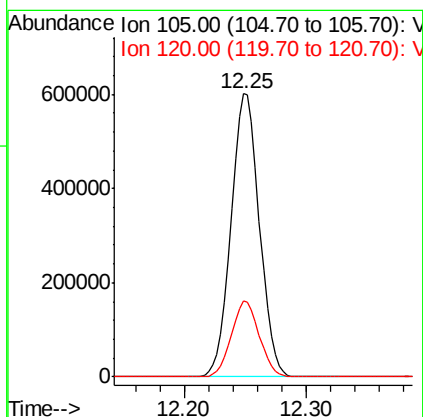
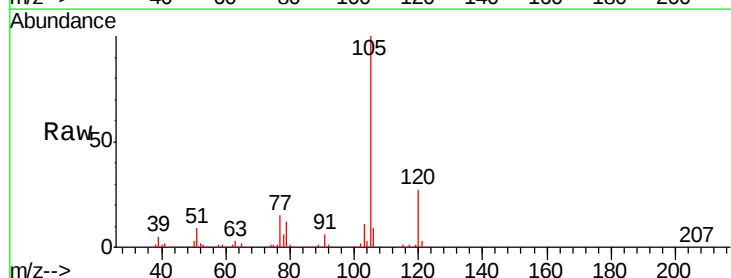
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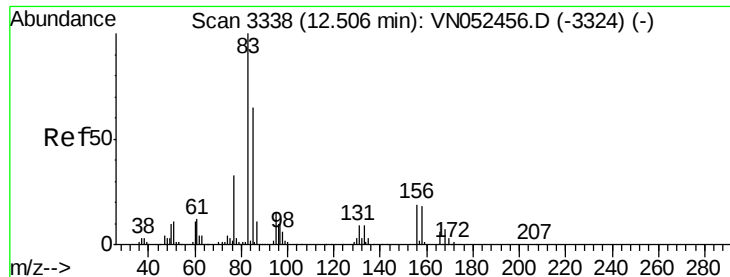
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#70
Isopropylbenzene
Concen: 19.353 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	969699		
120	26.5	18.6	34.6	





#71

1,1,2,2-Tetrachloroethane

Concen: 19.915 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBS02

Tgt Ion: 83 Resp: 217057
Ion Ratio Lower Upper

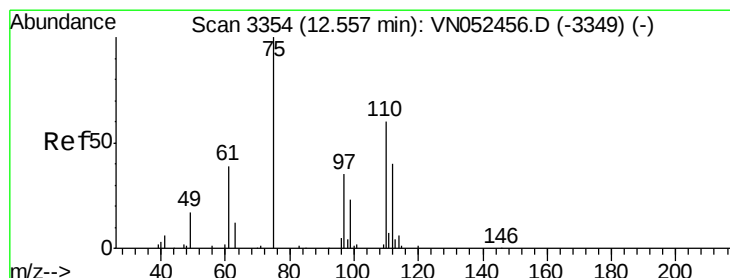
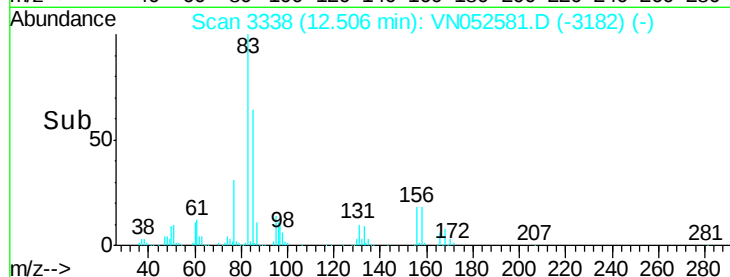
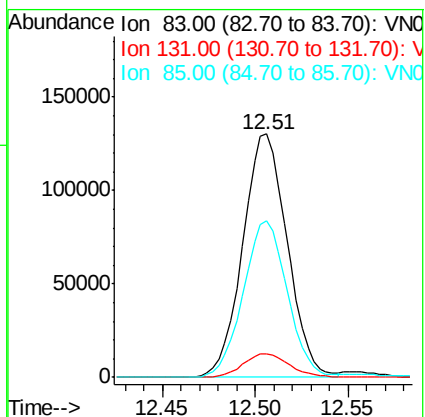
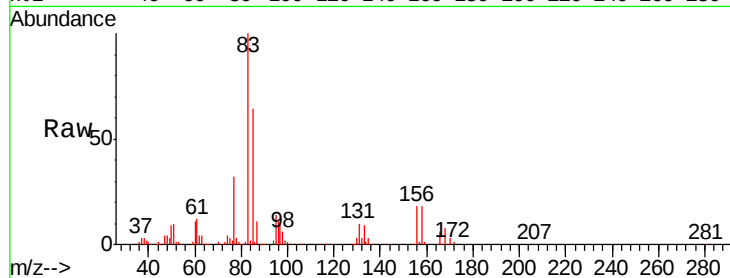
83 100

131 10.1 4.9 14.6

85 63.5 32.2 96.6

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#72

1,2,3-Trichloropropane

Concen: 19.580 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

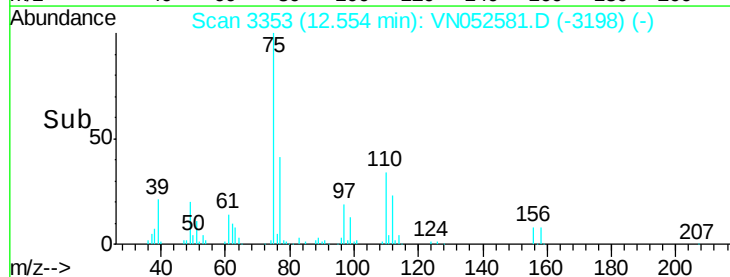
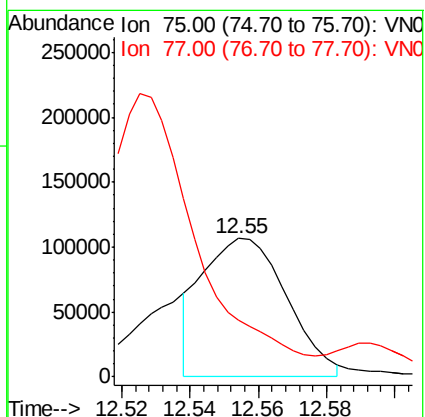
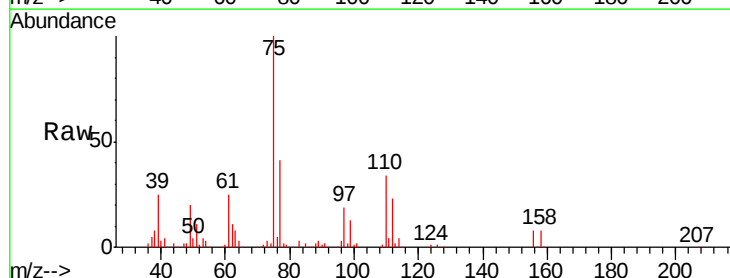
Lab File: VN052581.D

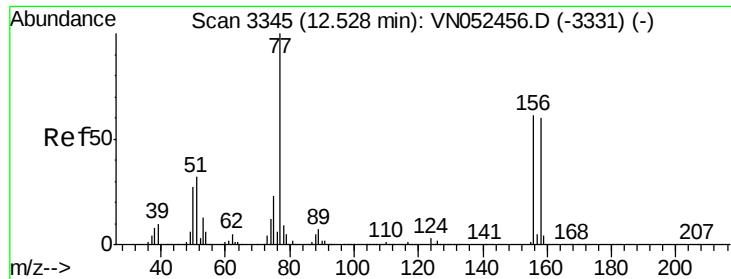
Acq: 29 Nov 2018 23:17

Tgt Ion: 75 Resp: 183198
Ion Ratio Lower Upper

75 100

77 234.4 0.0 514.8





#73

Bromobenzene

Concen: 19.700 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

Instrument :

MSVOA_N

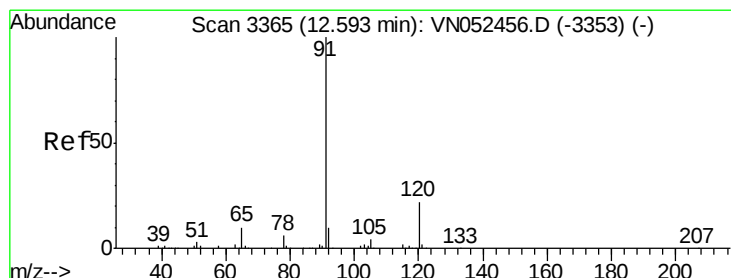
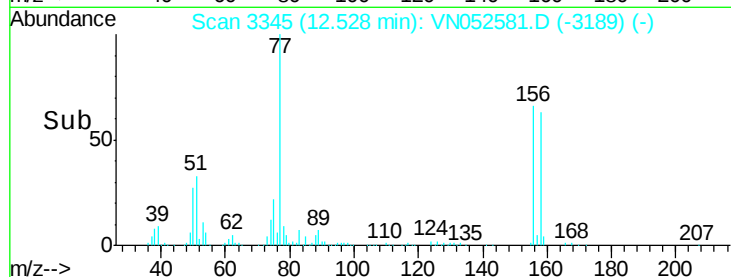
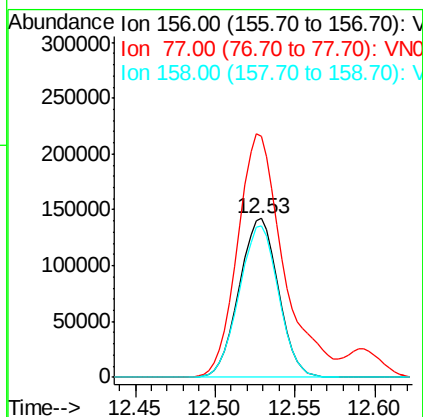
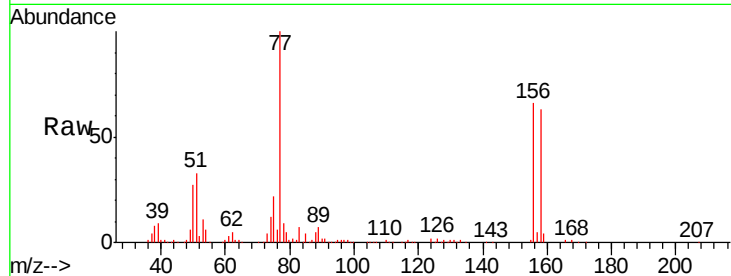
ClientSampleId :

VN1129WBS02

Tgt Ion:	156	Resp:	238728
Ion Ratio	Lower	Upper	
156	100		
77	179.9	0.0	382.6
158	96.0	0.0	196.8

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#74

n-propylbenzene

Concen: 18.526 ug/l

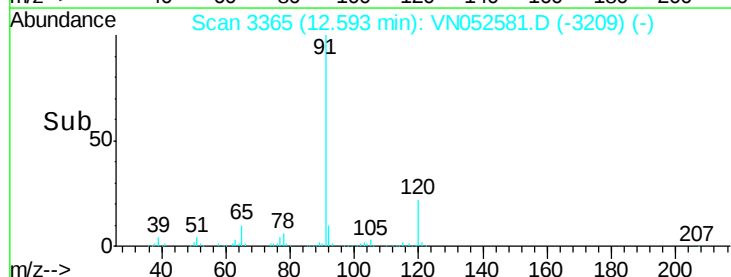
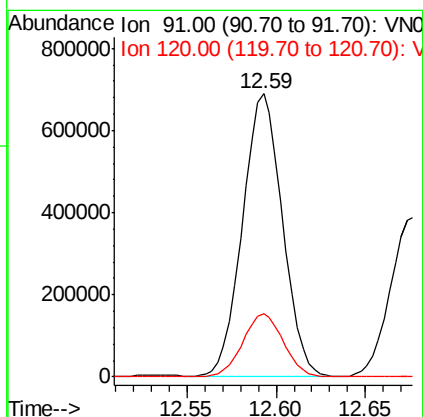
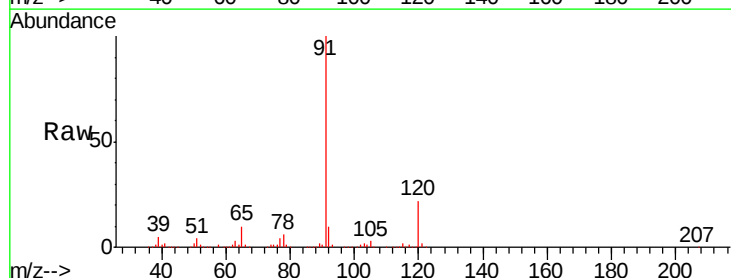
RT: 12.59 min Scan# 3365

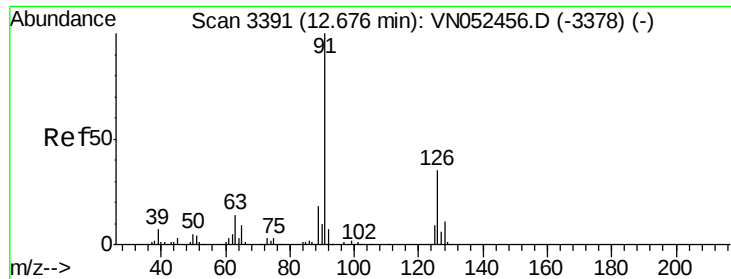
Delta R.T. -0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

Tgt Ion:	91	Resp:	1081533
Ion Ratio	Lower	Upper	
91	100		
120	22.7	0.0	44.6





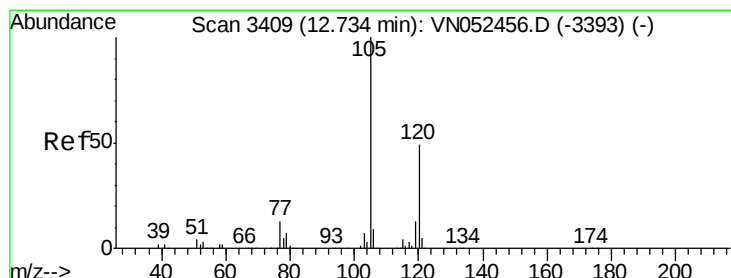
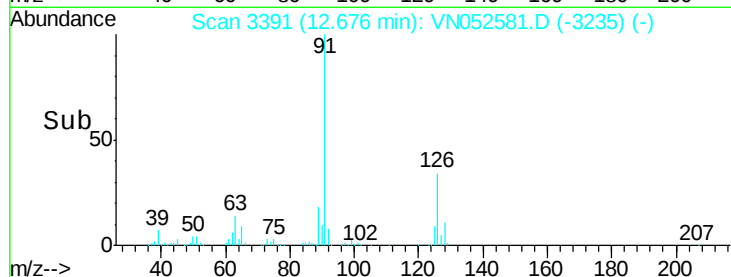
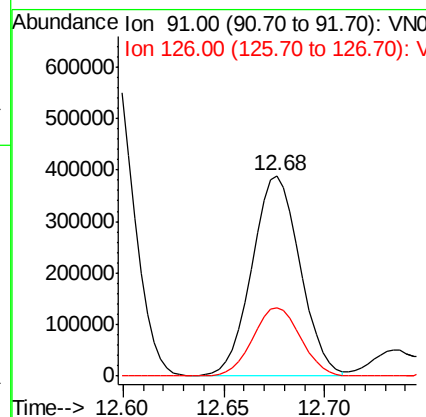
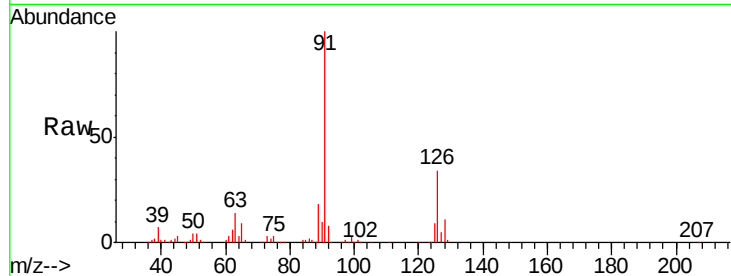
#75
2-Chlorotoluene
Concen: 19.095 ug/l
RT: 12.68 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS02

Tgt Ion: 91 Resp: 647068
Ion Ratio Lower Upper
91 100
126 34.4 0.0 68.4

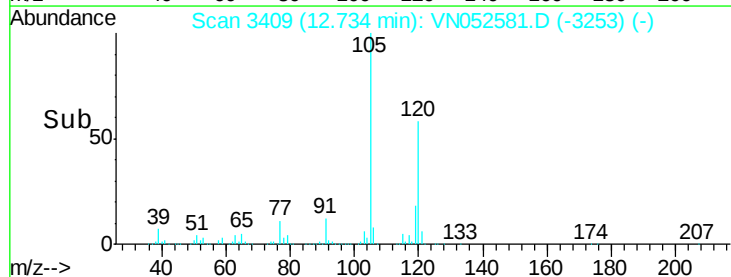
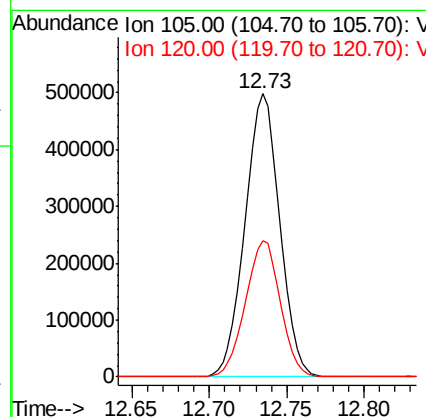
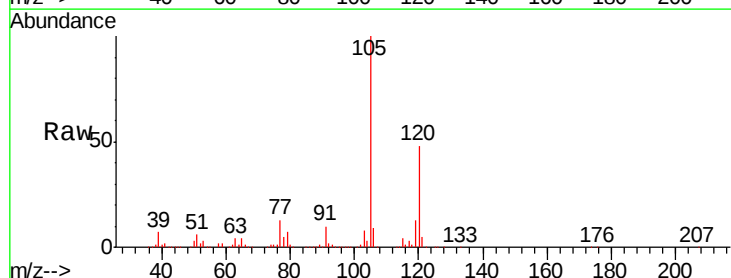
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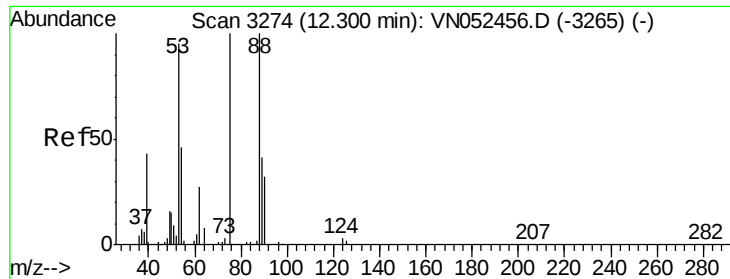
MMDadoda
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#76
1,3,5-Trimethylbenzene
Concen: 19.235 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Tgt Ion: 105 Resp: 778445
Ion Ratio Lower Upper
105 100
120 48.5 0.0 97.4





#77

t-1,4-Dichloro-2-butene

Concen: 16.966 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

Instrument :

MSVOA_N

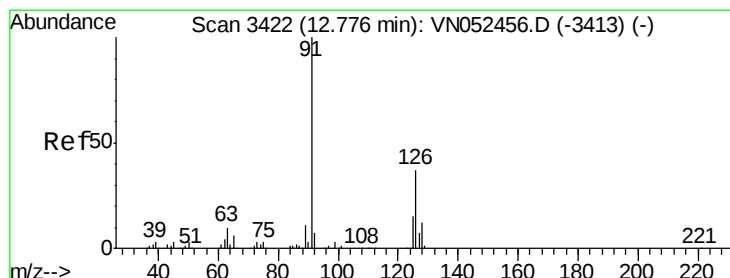
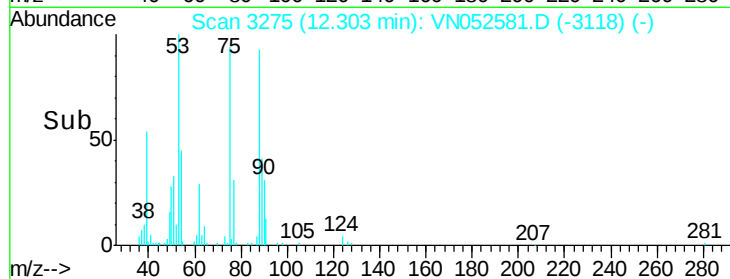
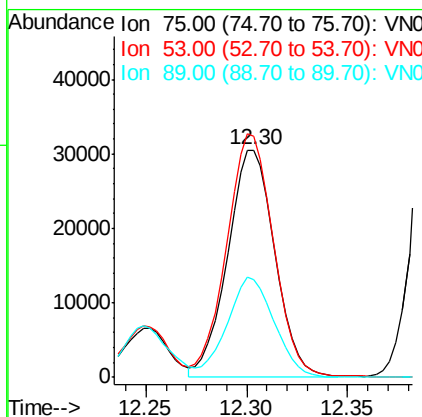
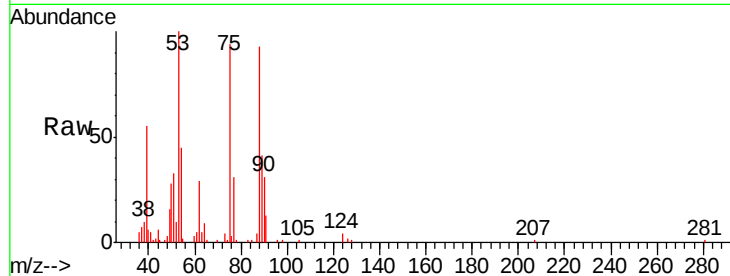
ClientSampleId :

VN1129WBS02

Tgt Ion:	75	Resp:	50144
Ion	Ratio	Lower	Upper
75	100		
53	106.1	48.5	145.6
89	43.4	21.7	65.1

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#78

4-Chlorotoluene

Concen: 18.606 ug/l

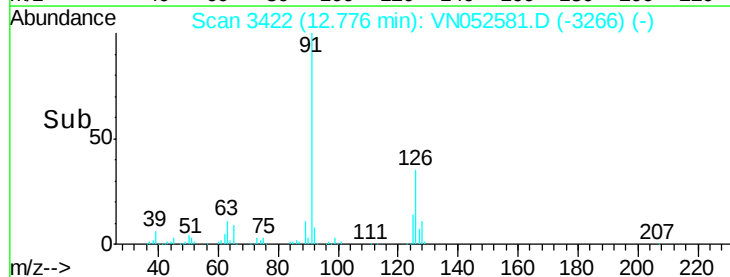
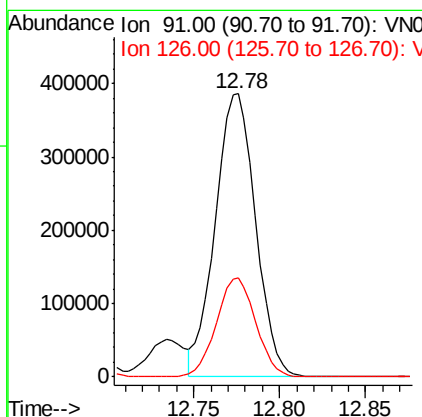
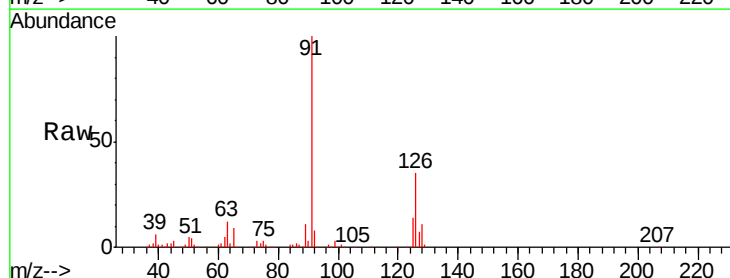
RT: 12.78 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

Tgt Ion:	91	Resp:	629626
Ion	Ratio	Lower	Upper
91	100		
126	34.2	0.0	68.2





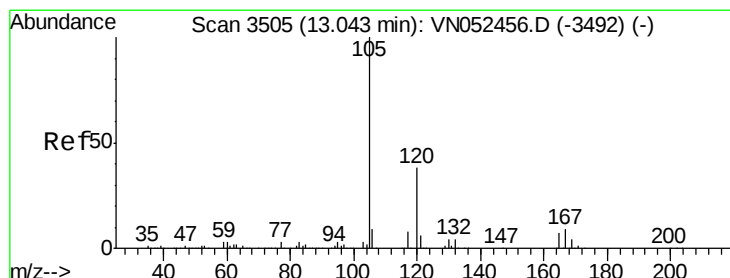
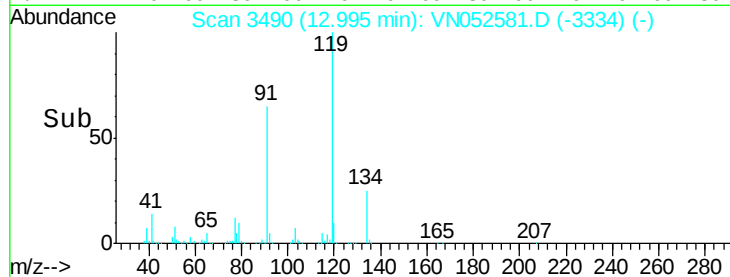
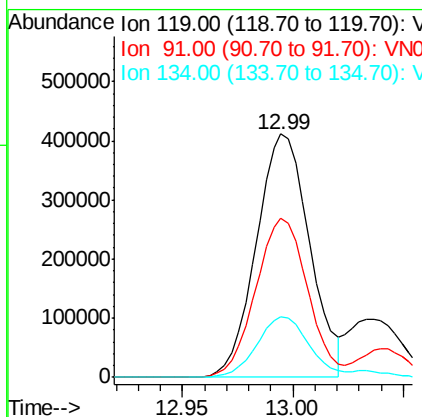
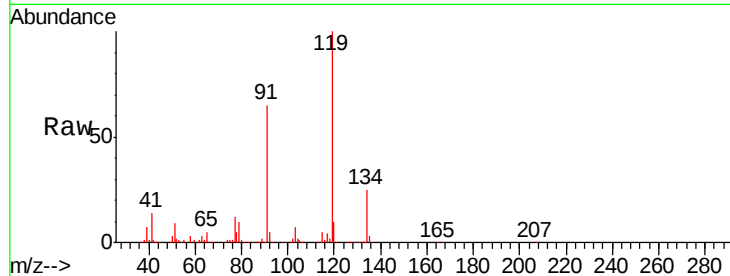
#79
tert-butylbenzene
Concen: 19.524 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	688118		
91	63.9	0.0	129.8	
134	24.3	0.0	52.2	

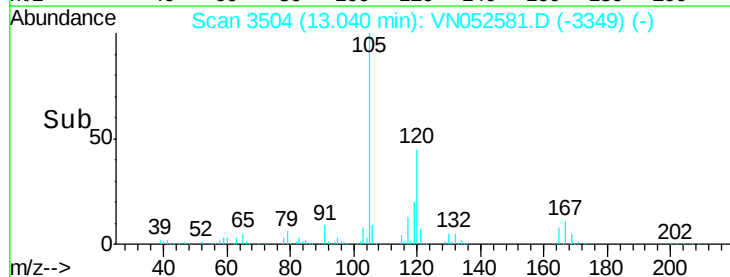
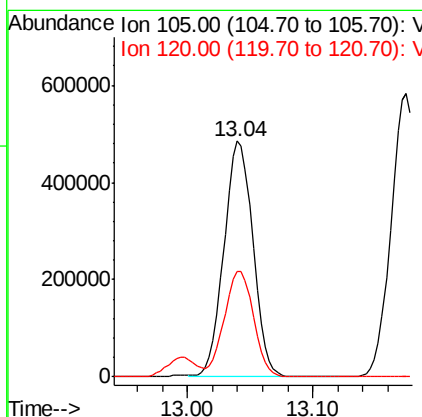
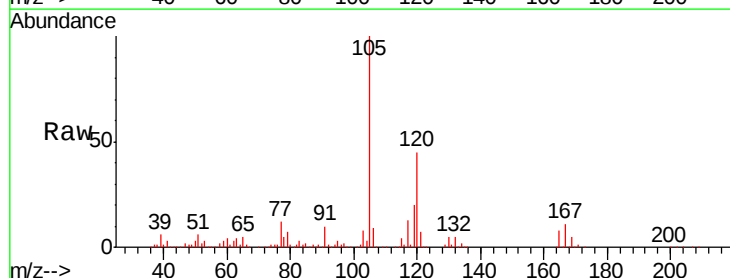
Manual Integrations
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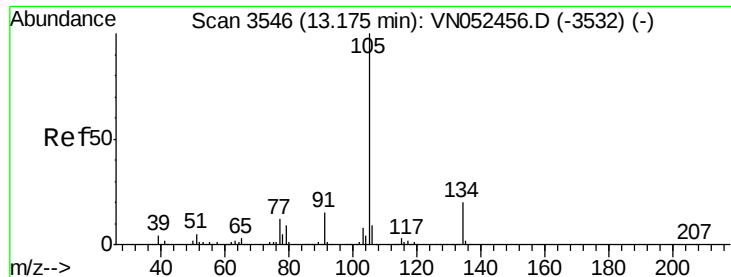
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#80
1,2,4-Trimethylbenzene
Concen: 19.197 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	777403		
120	45.2	0.0	91.0	





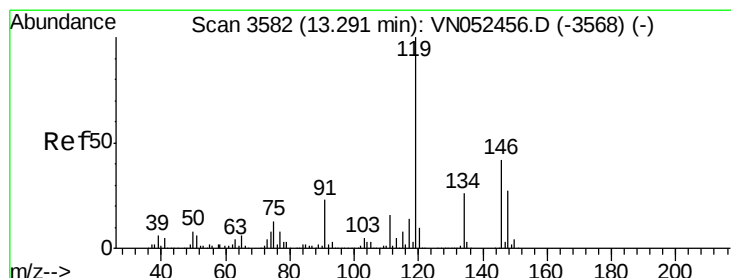
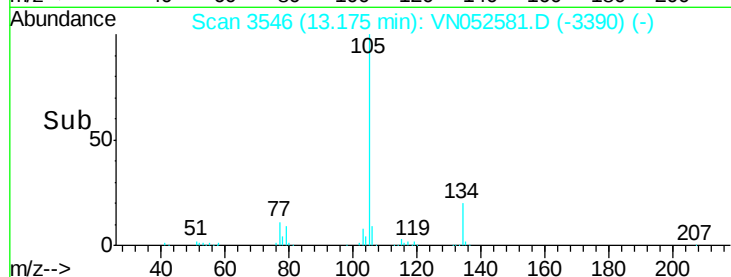
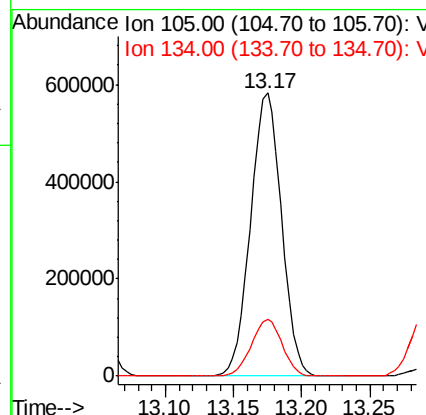
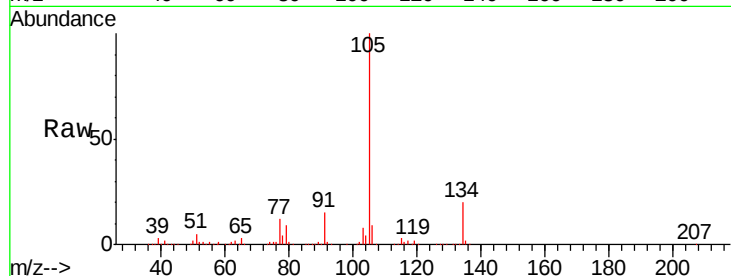
#81
 sec-Butylbenzene
 Concen: 18.717 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. -0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	918865		
134	20.1	0.0	40.4	

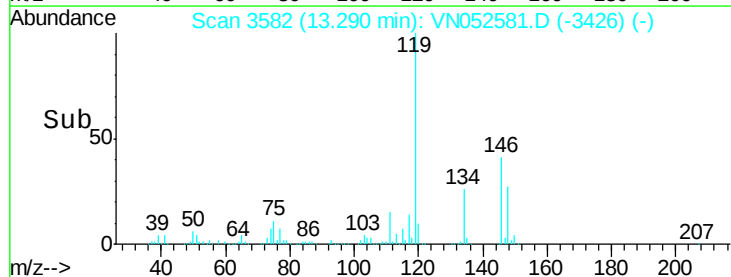
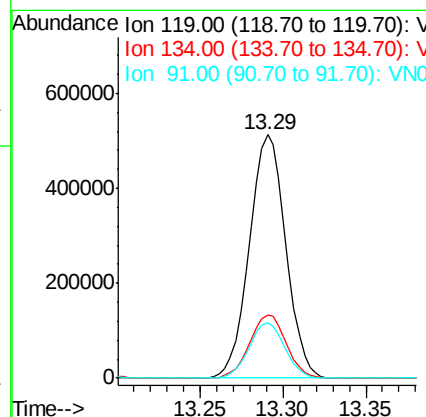
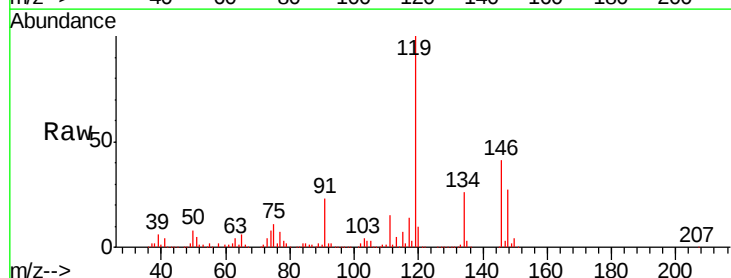
Manual Integrations
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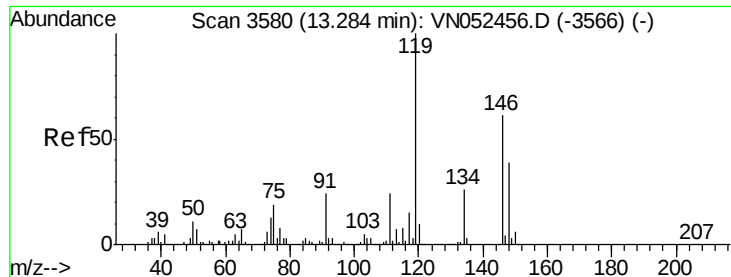
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#82
 p-Isopropyltoluene
 Concen: 18.674 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	780610		
134	26.2	0.0	52.6	
91	22.5	0.0	46.2	





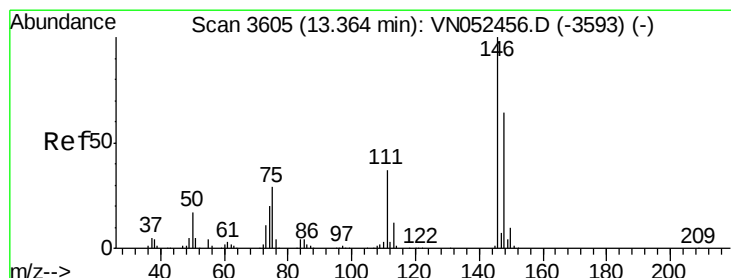
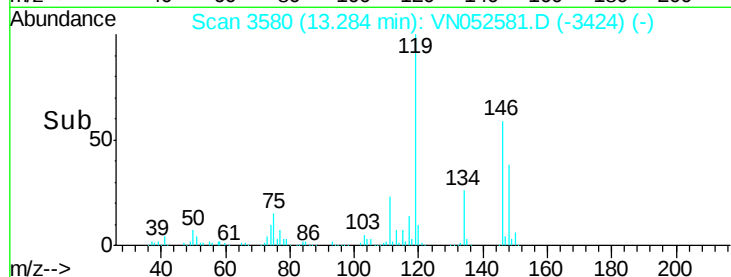
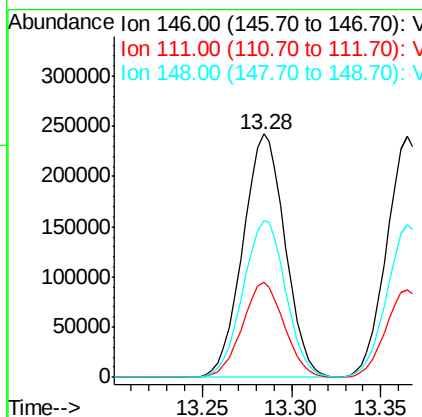
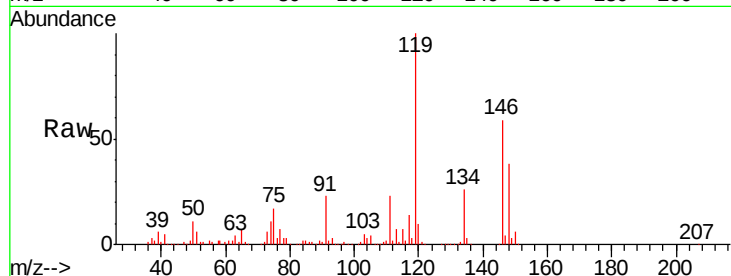
#83
 1,3-Dichlorobenzene
 Concen: 18.841 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.7	59.0
148	64.9	32.3	96.8

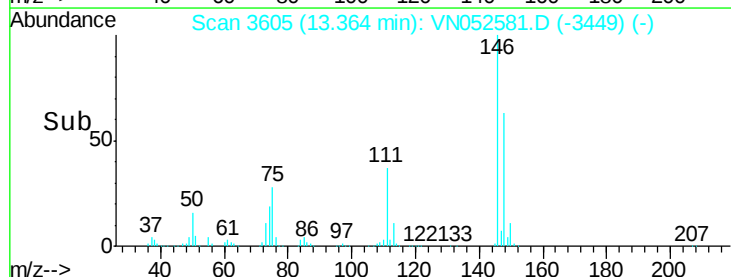
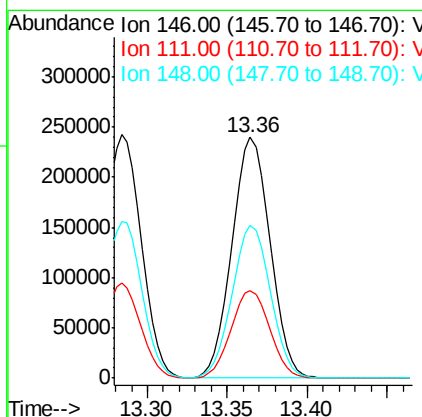
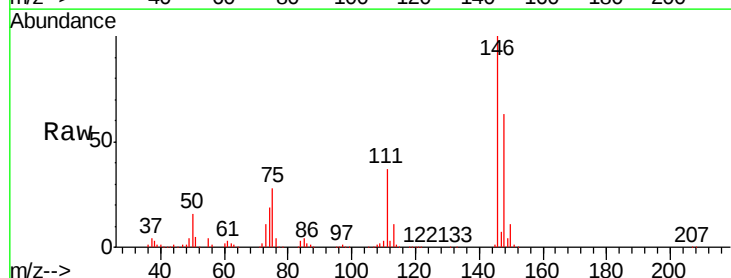
Manual Integrations
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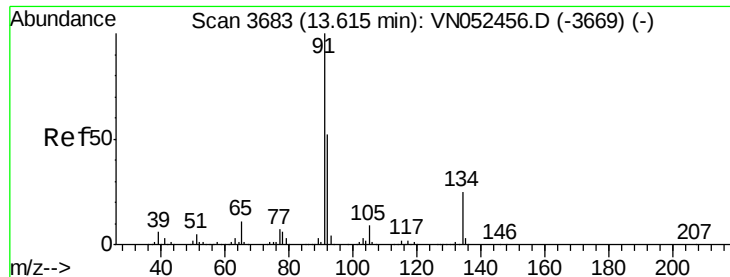
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#84
 1,4-Dichlorobenzene
 Concen: 18.954 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.8	56.3
148	63.7	32.5	97.4





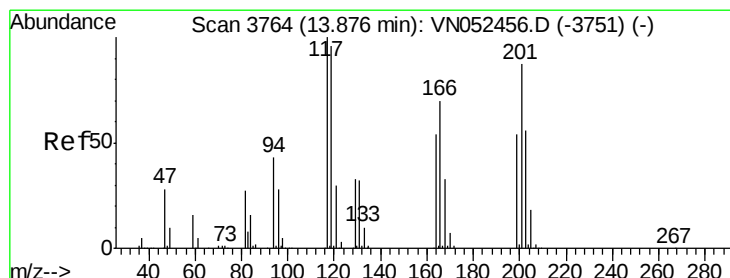
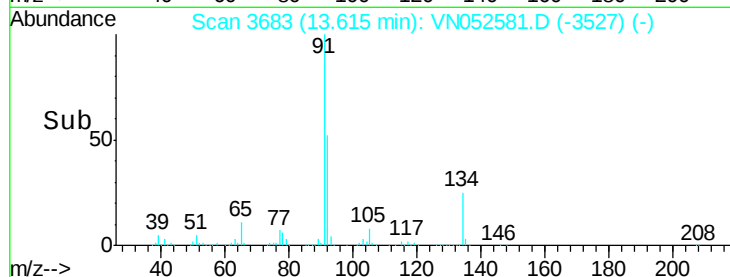
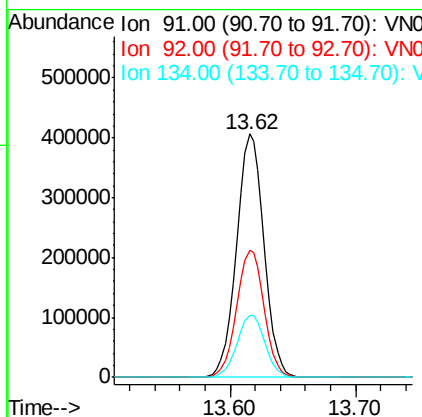
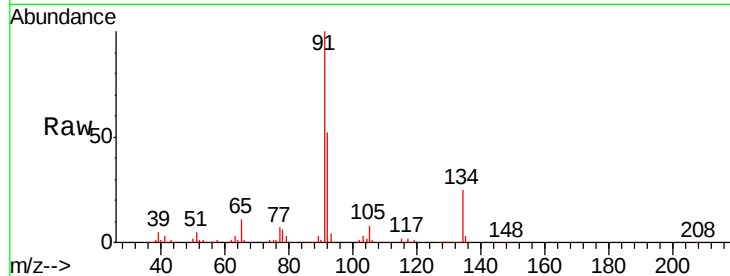
#85
n-Butylbenzene
Concen: 17.143 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS02

Tgt Ion: 91 Resp: 615562
Ion Ratio Lower Upper
91 100
92 52.2 0.0 104.2
134 26.0 0.0 50.6

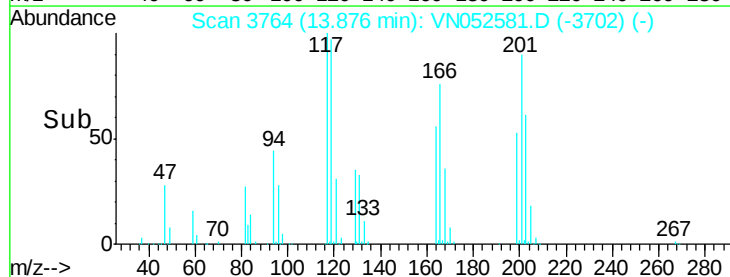
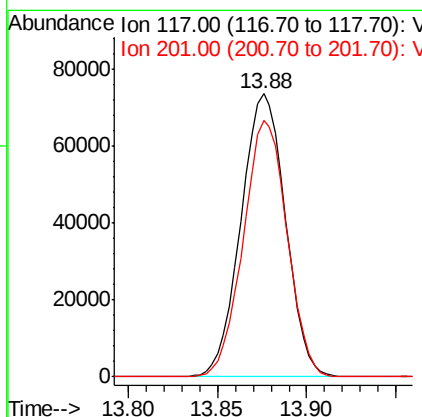
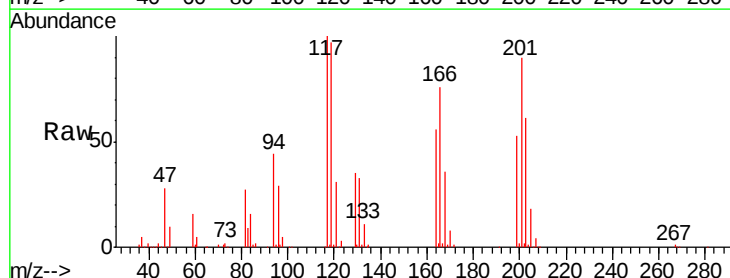
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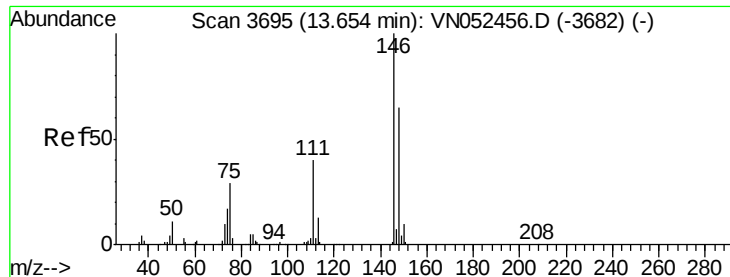
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#86
Hexachloroethane
Concen: 18.130 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN052581.D
Acq: 29 Nov 2018 23:17

Tgt Ion: 117 Resp: 128410
Ion Ratio Lower Upper
117 100
201 89.0 43.8 131.3





#87

1,2-Dichlorobenzene

Concen: 19.520 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

Instrument :

MSVOA_N

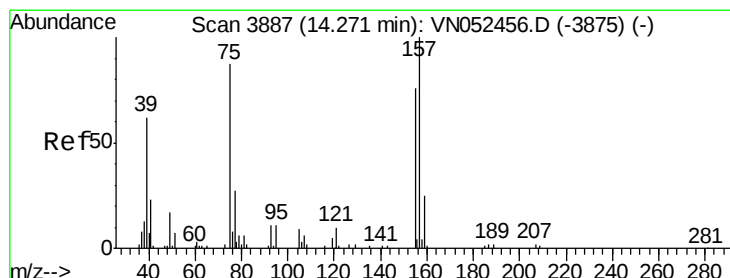
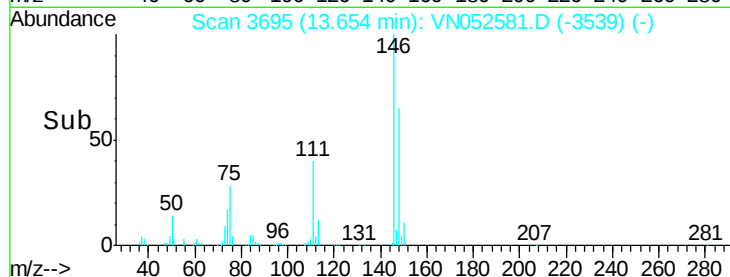
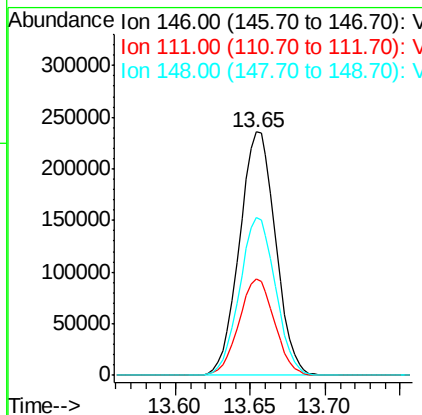
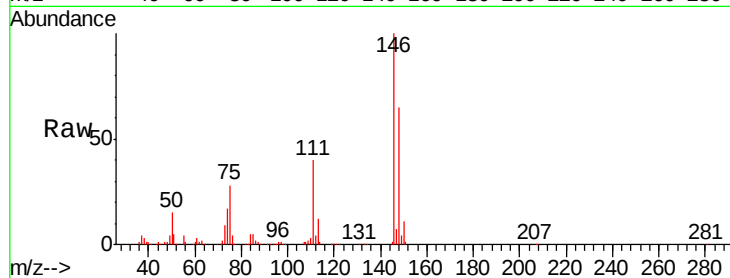
ClientSampleId :

VN1129WBS02

Tgt Ion:	146	Resp:	395910
Ion Ratio	Lower	Upper	
146	100		
111	39.0	20.3	60.8
148	64.3	32.1	96.5

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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.743 ug/l

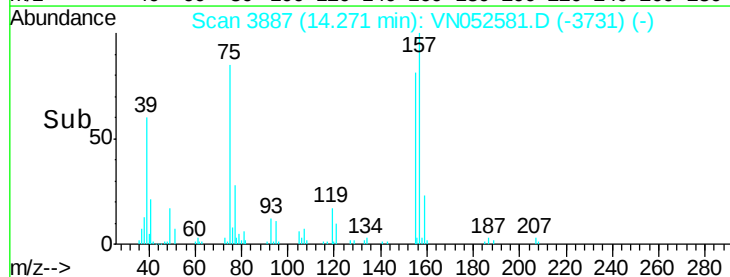
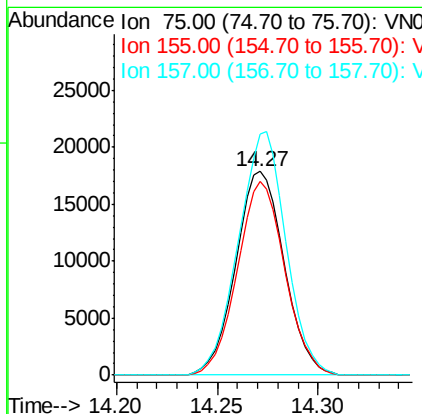
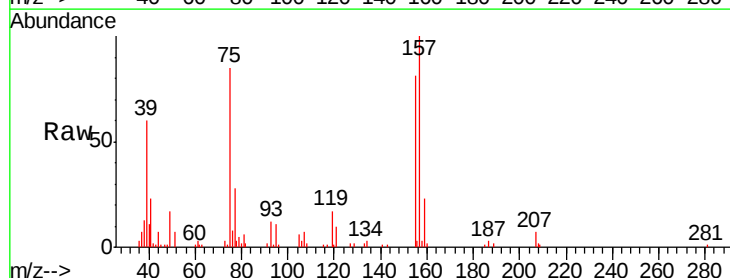
RT: 14.27 min Scan# 3887

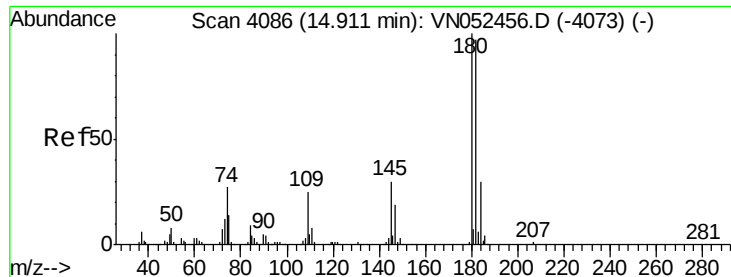
Delta R.T. -0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

Tgt Ion:	75	Resp:	30143
Ion Ratio	Lower	Upper	
75	100		
155	93.0	72.2	108.2
157	117.0	94.2	141.2





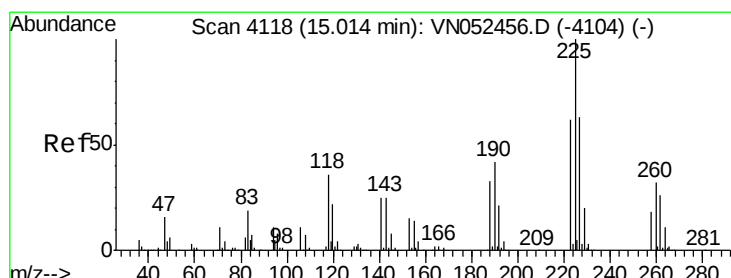
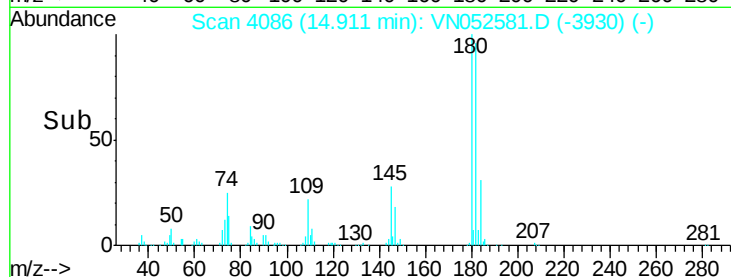
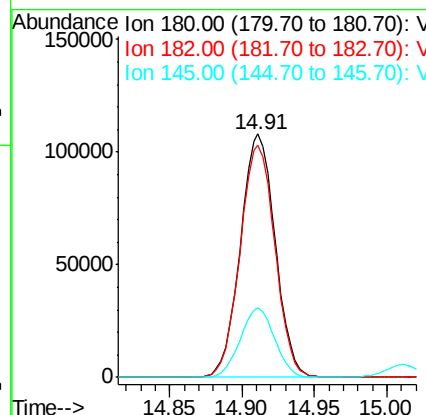
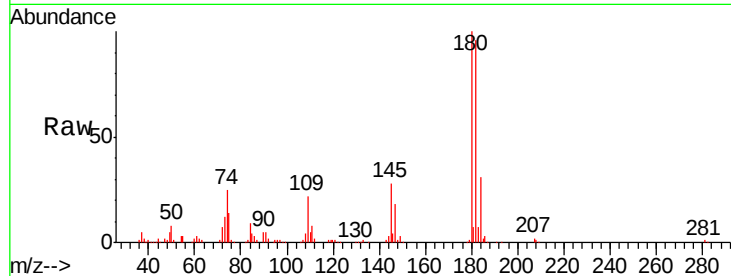
#89
 1,2,4-Trichlorobenzene
 Concen: 17.992 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	179781		
182	95.7	76.6	114.8	
145	28.2	23.6	35.4	

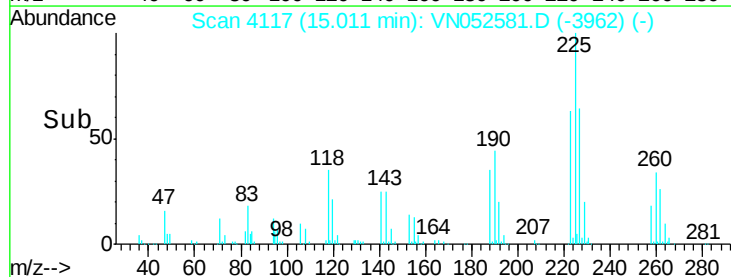
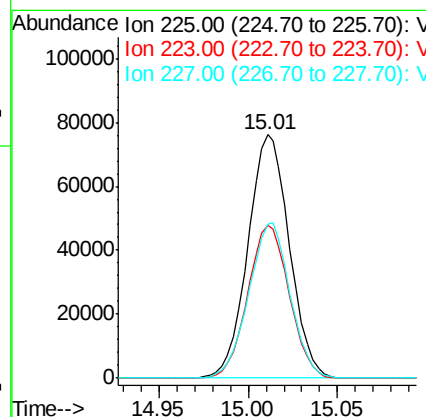
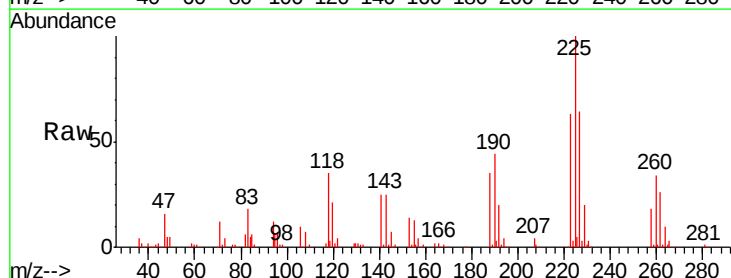
Manual Integrations
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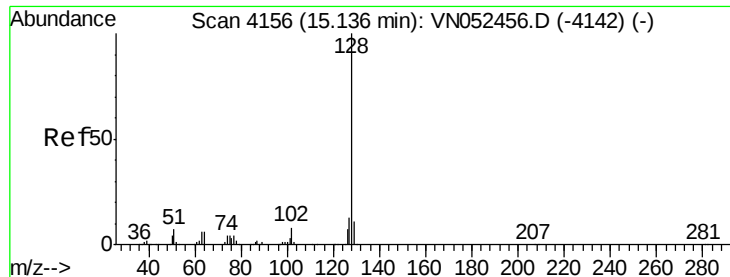
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#90
 Hexachlorobutadiene
 Concen: 18.850 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN052581.D
 Acq: 29 Nov 2018 23:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	123559		
223	62.8	0.0	125.6	
227	63.7	0.0	127.8	





#91

Naphthalene

Concen: 18.788 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

Instrument :

MSVOA_N

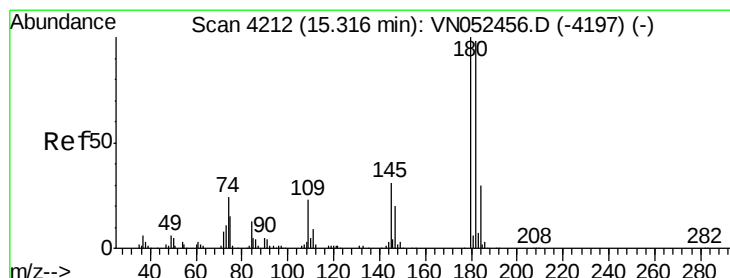
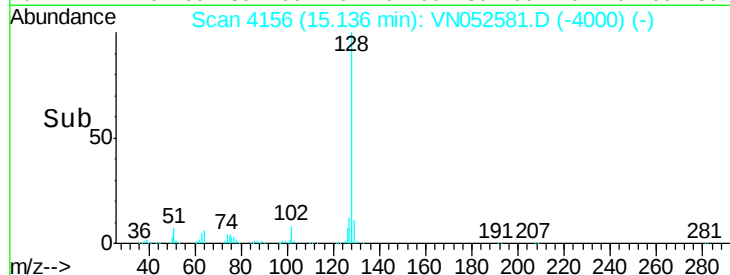
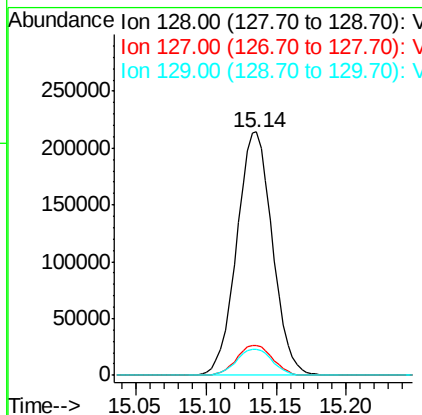
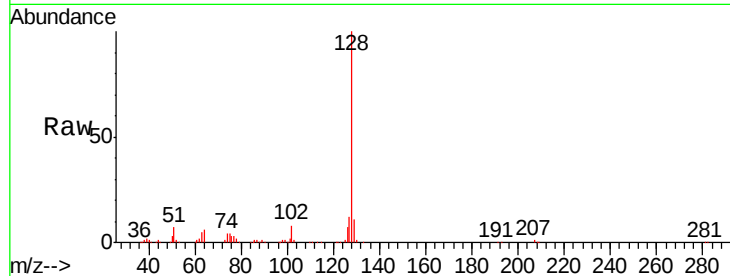
ClientSampleId :

VN1129WBS02

Tgt Ion:	128	Resp:	379112
Ion Ratio	Lower	Upper	
128	100		
127	12.5	9.9	14.9
129	11.0	8.5	12.7

Manual Integrations
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#92

1,2,3-Trichlorobenzene

Concen: 19.373 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052581.D

Acq: 29 Nov 2018 23:17

Tgt Ion:	180	Resp:	178402
Ion Ratio	Lower	Upper	
180	100		
182	93.9	0.0	196.2
145	29.7	0.0	62.2

