

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051404.D
 Acq On : 23 Sep 2018 11:31
 Operator : MD\SY
 Sample : VN0923WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

Manual Integrations
 APPROVED

apatel
 9/25/2018 12:10:24 PM

Quant Time: Sep 24 07:03:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	505651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	741053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	656238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311581	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	328755	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
35) Dibromofluoromethane	7.59	113	293150	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	10.09	98	1086729	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.40	95	340610	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	87029	18.448	ug/l	97
3) Chloromethane	2.06	50	153360	20.422	ug/l	98
4) Vinyl Chloride	2.18	62	163919	19.777	ug/l	100
5) Bromomethane	2.57	94	104597	21.092	ug/l	99
6) Chloroethane	2.70	64	104171	20.170	ug/l	98
7) Trichlorofluoromethane	3.02	101	224233	20.654	ug/l	97
8) Diethyl Ether	3.41	74	80338	22.058	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.76	101	108134	17.648	ug/l	98
10) Methyl Iodide	3.96	142	138860	17.242	ug/l	98
11) Tert butyl alcohol	4.78	59	34944	97.749	ug/l #	78
12) 1,1-Dichloroethene	3.74	96	104352	18.548	ug/l	96
13) Acrolein	3.61	56	38416	108.219	ug/l	99
14) Allyl chloride	4.33	41	164472	17.425	ug/l	99
15) Acrylonitrile	4.99	53	184911	95.086	ug/l	98
16) Acetone	3.82	43	132881	77.833	ug/l	98
17) Carbon Disulfide	4.05	76	293003	17.727	ug/l	100
18) Methyl Acetate	4.33	43	91625	18.993	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	279459	19.263	ug/l	99
20) Methylene Chloride	4.55	84	122686	19.573	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	106504	18.506	ug/l	99
22) Diisopropyl ether	5.95	45	376319	20.625	ug/l	98
23) Vinyl Acetate	5.90	43	1165763	97.320	ug/l	99
24) 1,1-Dichloroethane	5.85	63	219467	20.160	ug/l	99
25) 2-Butanone	6.84	43	202267	93.295	ug/l	97
26) 2,2-Dichloropropane	6.83	77	110587	13.013	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	122941	19.468	ug/l	99
28) Bromochloromethane	7.20	49	101138	20.118	ug/l	99
29) Tetrahydrofuran	7.21	42	134706	98.046	ug/l	100
30) Chloroform	7.37	83	221034	20.491	ug/l	98
31) Cyclohexane	7.66	56	187433	18.792	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	188829	20.476	ug/l	100
36) 1,1-Dichloropropene	7.80	75	160026	18.648	ug/l	98
37) Ethyl Acetate	6.93	43	93564	18.963	ug/l	97
38) Carbon Tetrachloride	7.77	117	169470	18.881	ug/l	99

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Quant Time: Sep 24 07:03:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	169185	16.865	ug/l	95
40) Benzene	8.04	78	491474	19.505	ug/l	99
41) Methacrylonitrile	7.17	41	43475	15.926	ug/l	91
42) 1,2-Dichloroethane	8.13	62	159266	19.740	ug/l	100
43) Isopropyl Acetate	8.17	43	167406	18.763	ug/l #	88
44) Trichloroethene	8.84	130	126117	18.844	ug/l	96
45) 1,2-Dichloropropane	9.12	63	135092	19.723	ug/l	99
46) Dibromomethane	9.21	93	76624	19.799	ug/l	98
47) Bromodichloromethane	9.40	83	165987	19.381	ug/l	99
48) Methyl methacrylate	9.20	41	84117	18.910	ug/l	98
49) 1,4-Dioxane	9.20	88	20390	374.019	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	466717	95.116	ug/l	99
52) Toluene	10.16	92	299921	19.153	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	148681	17.196	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	175184	17.471	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	111005	20.058	ug/l	98
56) Ethyl methacrylate	10.43	69	127708	18.874	ug/l	100
57) 1,3-Dichloropropane	10.71	76	182891	19.281	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	309345	97.966	ug/l	99
59) 2-Hexanone	10.75	43	283980	89.276	ug/l	98
60) Dibromochloromethane	10.90	129	124150	19.013	ug/l	99
61) 1,2-Dibromoethane	11.00	107	104002	19.359	ug/l	97
64) Tetrachloroethene	10.63	164	119483	20.062	ug/l	99
65) Chlorobenzene	11.43	112	316175	18.779	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	124537	19.414	ug/l	99
67) Ethyl Benzene	11.51	91	533446	18.800	ug/l	100
68) m/p-Xylenes	11.62	106	412093	37.546	ug/l	99
69) o-Xylene	11.95	106	199295	18.888	ug/l	98
70) Styrene	11.96	104	309411	18.506	ug/l	100
71) Bromoform	12.13	173	82470	18.947	ug/l #	99
73) Isopropylbenzene	12.25	105	526357	20.022	ug/l	99
74) N-amyl acetate	12.07	43	129926	19.697	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	125272	20.434	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	109089m	21.090	ug/l	
77) Bromobenzene	12.53	156	131857	19.813	ug/l	98
78) n-propylbenzene	12.59	91	584091	19.714	ug/l	98
79) 2-Chlorotoluene	12.67	91	357080	20.134	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	436106	20.344	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	27937	16.608	ug/l	97
82) 4-Chlorotoluene	12.77	91	348173	19.669	ug/l	99
83) tert-Butylbenzene	12.99	119	380919	19.964	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	437528	20.255	ug/l	99
85) sec-Butylbenzene	13.17	105	518119	20.072	ug/l	99
86) p-Isopropyltoluene	13.29	119	432832	19.379	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	222029	19.279	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	215299	19.429	ug/l	100
89) n-Butylbenzene	13.61	91	321719	17.517	ug/l	99
90) Hexachloroethane	13.87	117	87322	19.622	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	218532	19.557	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	17657	20.182	ug/l	94

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ClientSampleId :
VN0923WBSD01

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Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	87552	18.776	ug/l	97
94) Hexachlorobutadiene	15.01	225	79330	18.763	ug/l	97
95) Naphthalene	15.13	128	155260	19.290	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	92227	17.198	ug/l	100

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

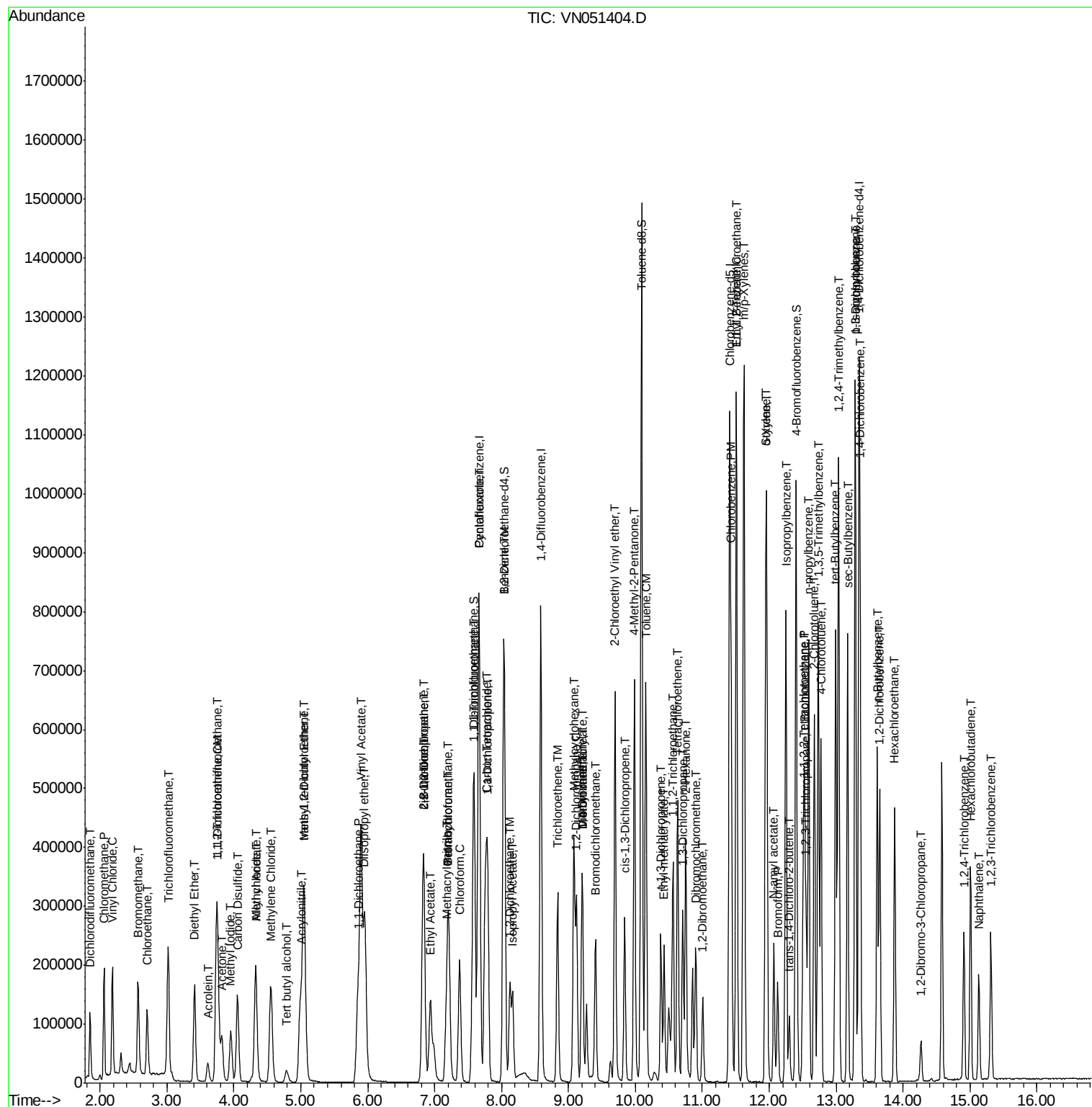
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Data File : VN051404.D
Acq On : 23 Sep 2018 11:31
Operator : MD\SY
Sample : VN0923WBSD01
Misc : 5.00mL/MSVOA_N/WATER
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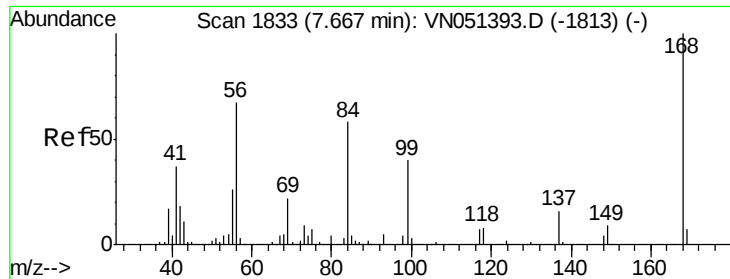
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MSVOA_N
Client Sample ID :
VN0923WBSD01

Manual Integrations
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9/25/2018 12:10:24 PM

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

Tgt Ion: 168 Resp: 505651

Ion Ratio Lower Upper

168 100

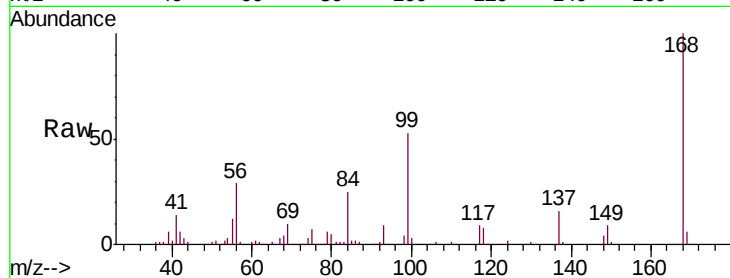
99 53.3 40.2 60.2

Manual Integrations

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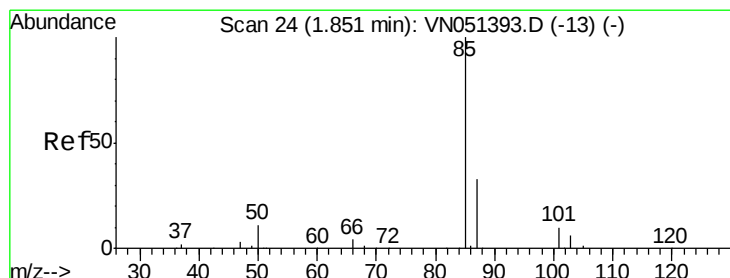
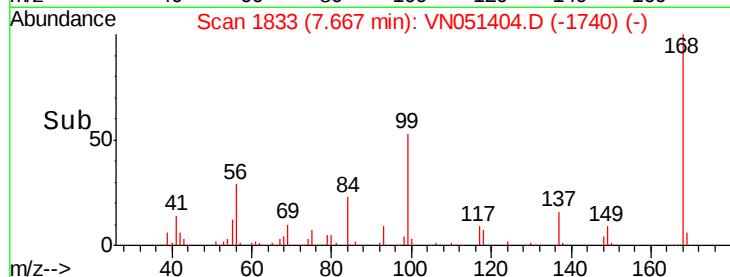
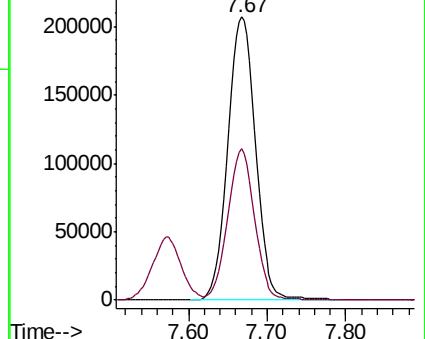
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.448 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051404.D

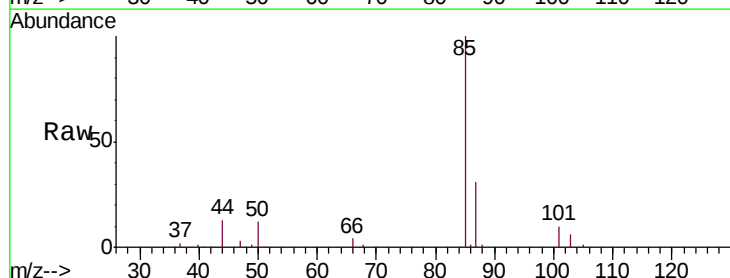
Acq: 23 Sep 2018 11:31

Tgt Ion: 85 Resp: 87029

Ion Ratio Lower Upper

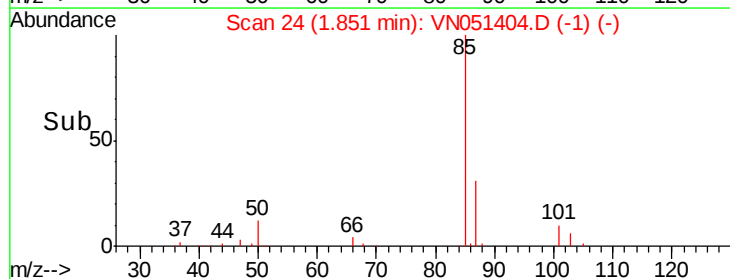
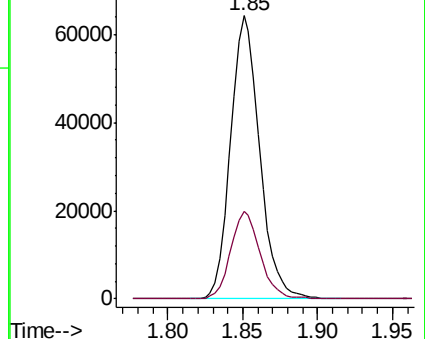
85 100

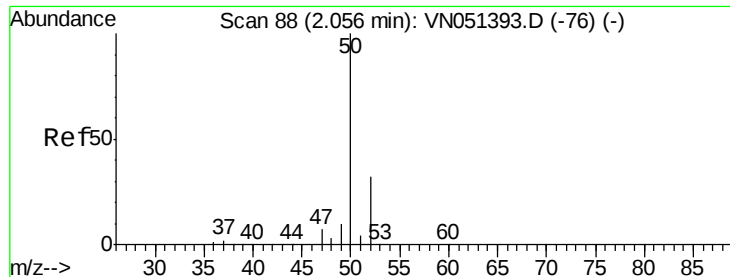
87 30.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 20.422 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampled :

VN0923WBSD01

Tgt Ion: 50 Resp: 153360

Ion Ratio Lower Upper

50 100

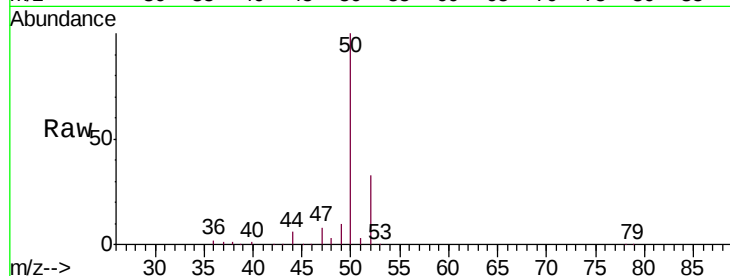
52 33.3 25.7 38.5

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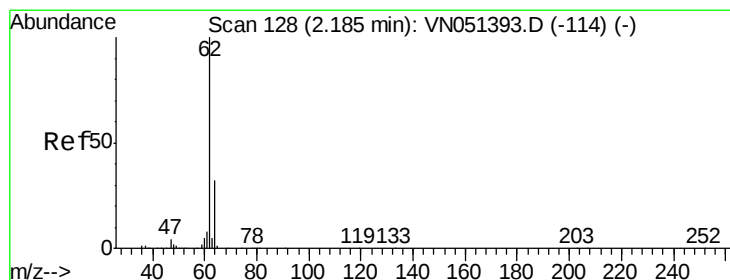
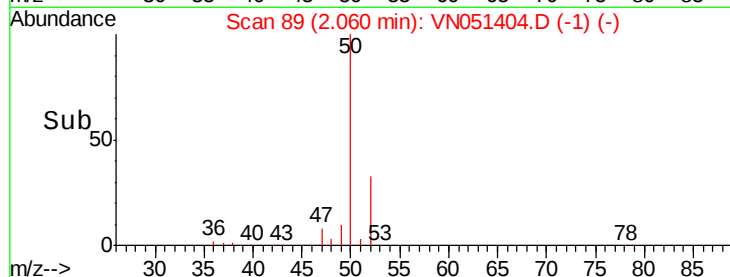
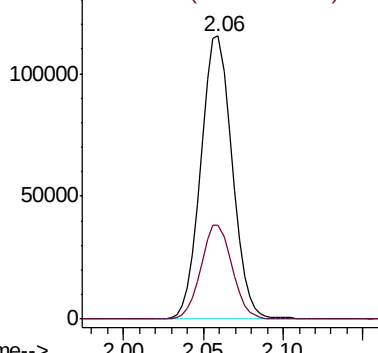
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.777 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN051404.D

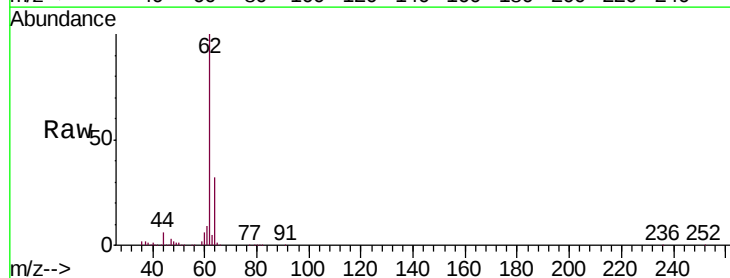
Acq: 23 Sep 2018 11:31

Tgt Ion: 62 Resp: 163919

Ion Ratio Lower Upper

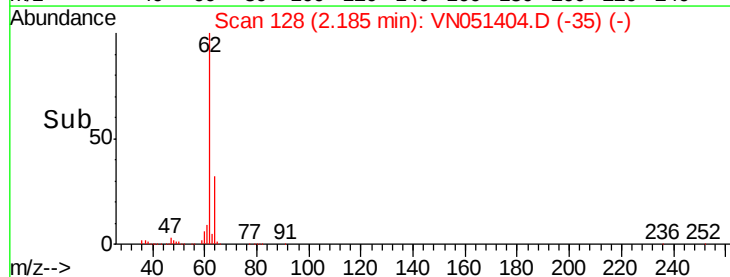
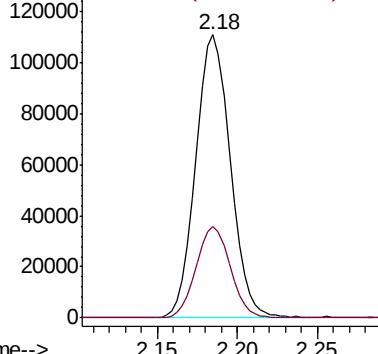
62 100

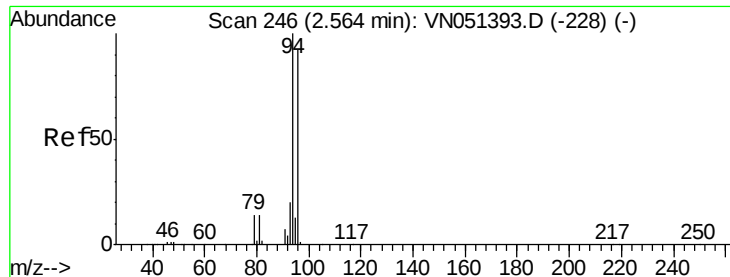
64 32.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 21.092 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051404.D

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VN0923WBSD01

Tgt Ion: 94 Resp: 104597

Ion Ratio Lower Upper

94 100

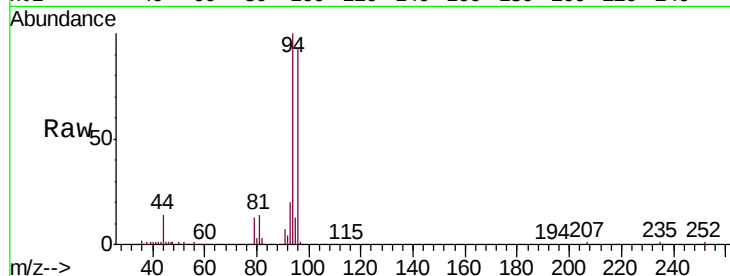
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Manual Integrations

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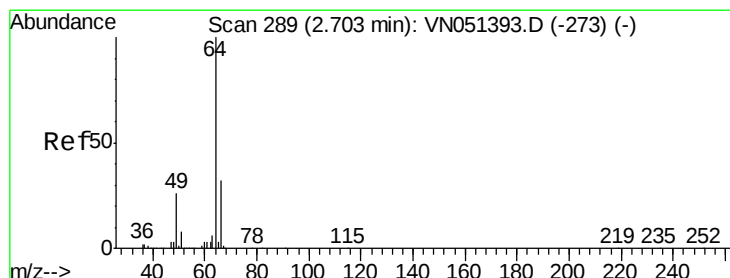
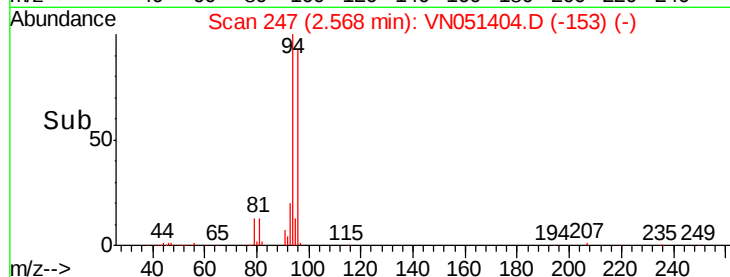
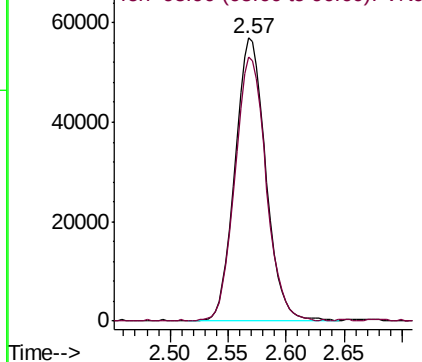
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.170 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN051404.D

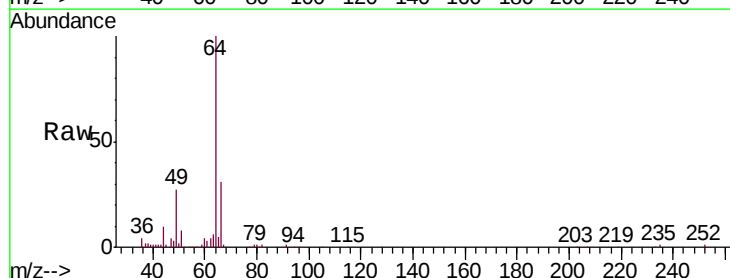
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Tgt Ion: 64 Resp: 104171

Ion Ratio Lower Upper

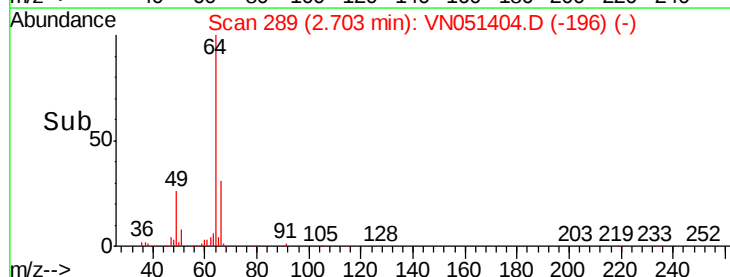
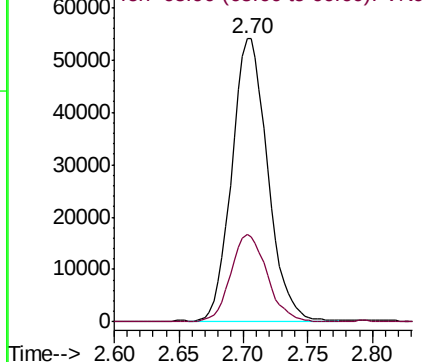
64 100

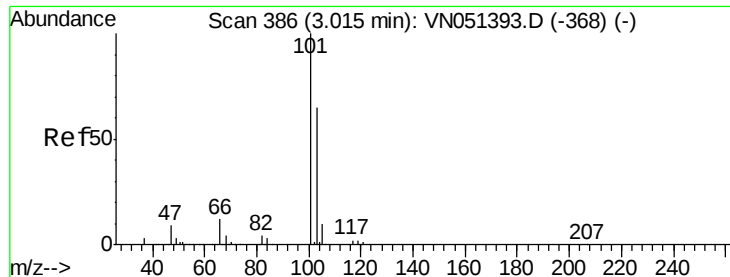
66 31.0 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

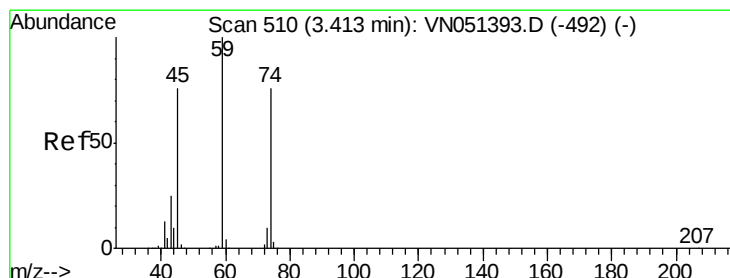
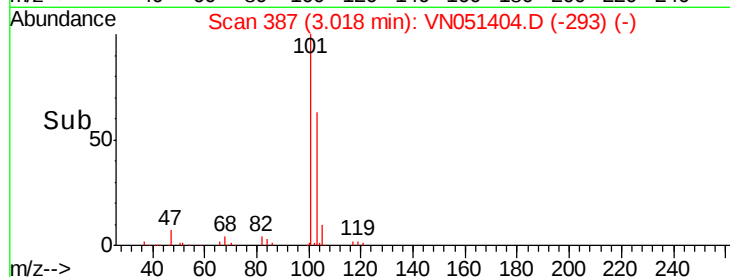
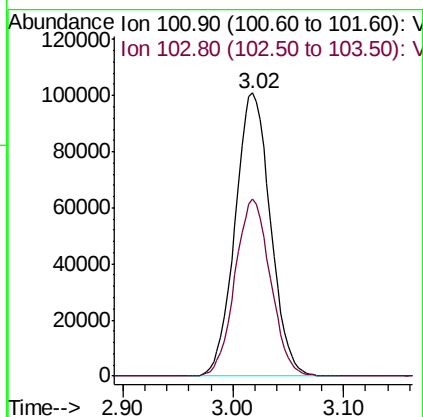
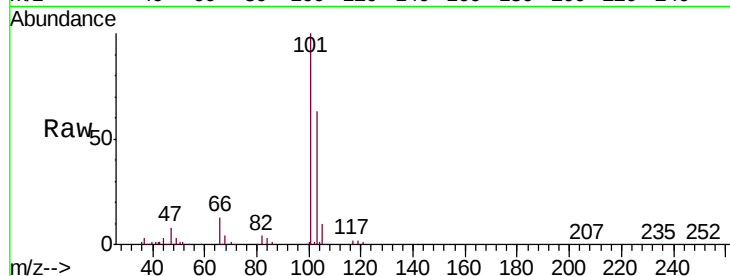
Trichlorofluoromethane
 Concen: 20.654 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN051404.D
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Instrument :
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 VN0923WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	224233		
103	62.7	51.8	77.8	

Manual Integrations
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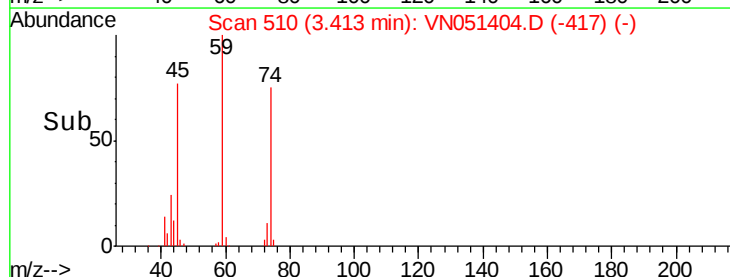
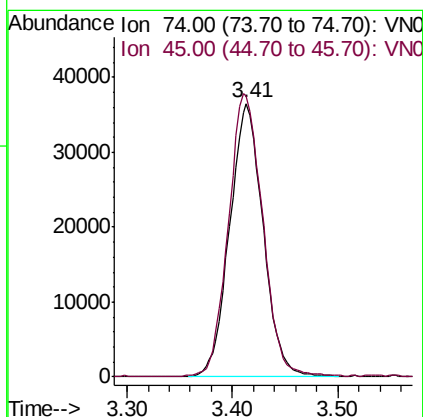
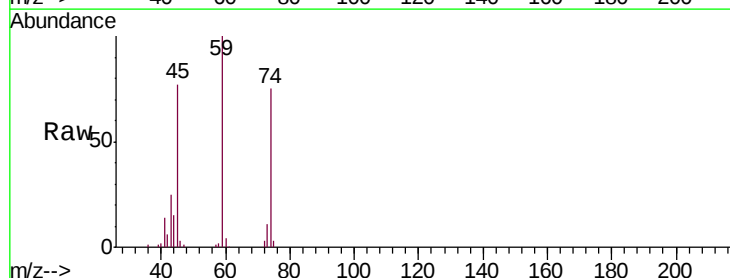
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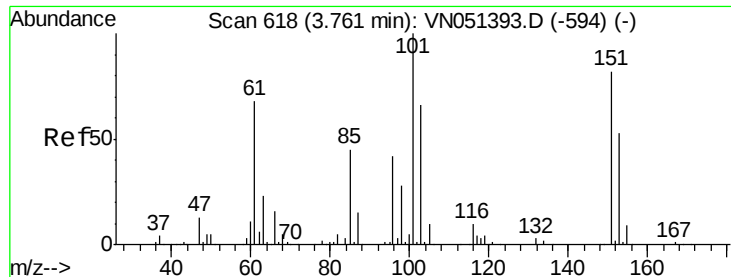


#8

Diethyl Ether
 Concen: 22.058 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	80338		
45	106.3	50.2	150.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.648 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

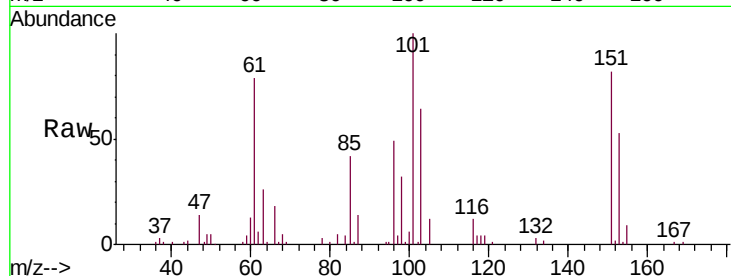
ClientSampleId :

VN0923WBSD01

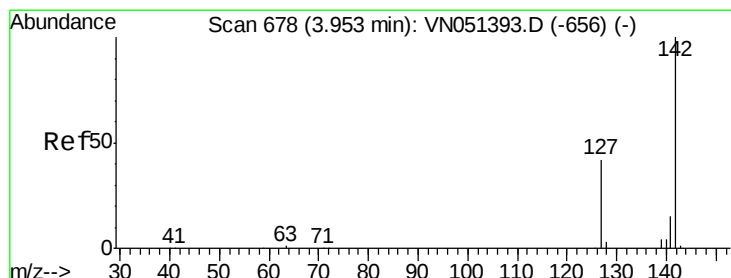
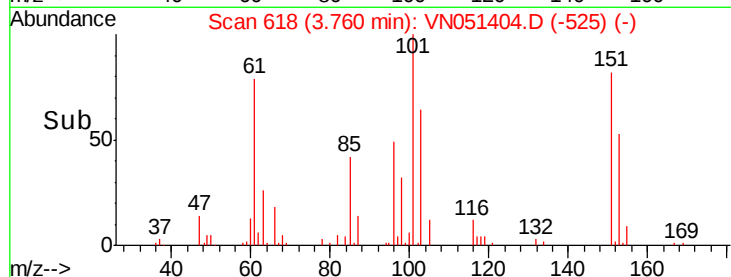
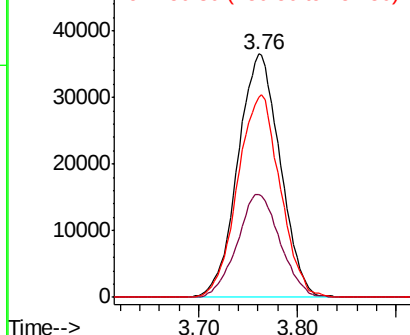
Tgt Ion:	101	Resp:	108134
Ion Ratio	Lower	Upper	
101	100		
85	43.1	33.9	50.9
151	83.8	65.2	97.8

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



#10

Methyl Iodide

Concen: 17.242 ug/l

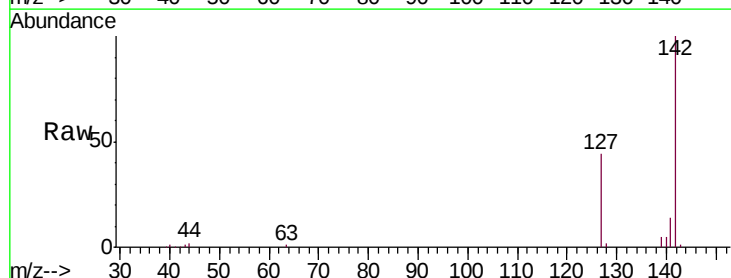
RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

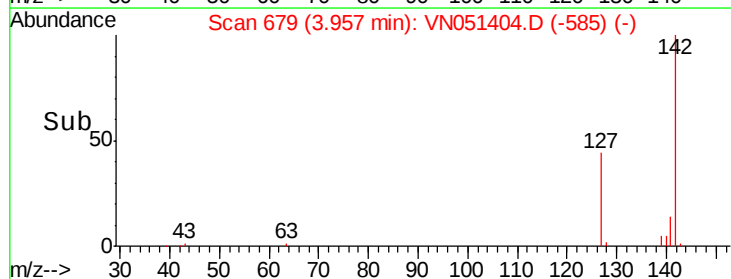
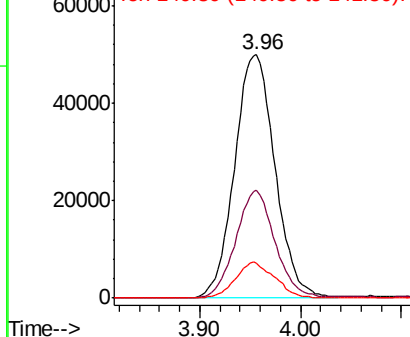
Lab File: VN051404.D

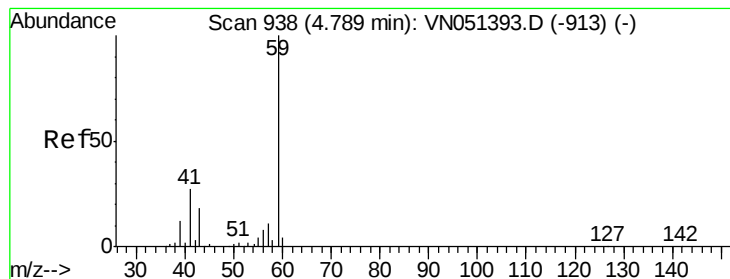
Acq: 23 Sep 2018 11:31

Tgt Ion:	142	Resp:	138860
Ion Ratio	Lower	Upper	
142	100		
127	43.0	33.2	49.8
141	14.5	11.5	17.3



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





#11

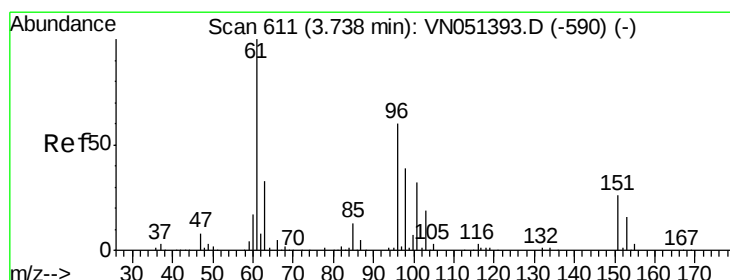
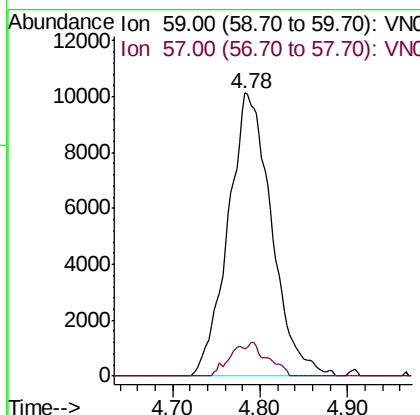
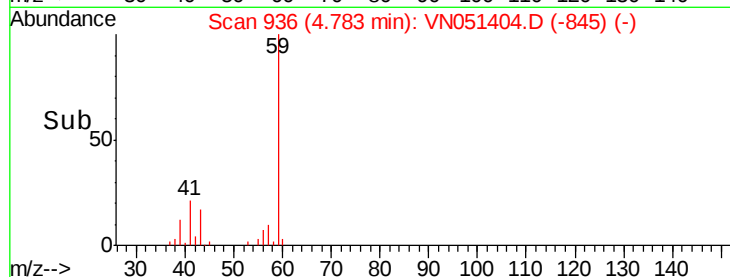
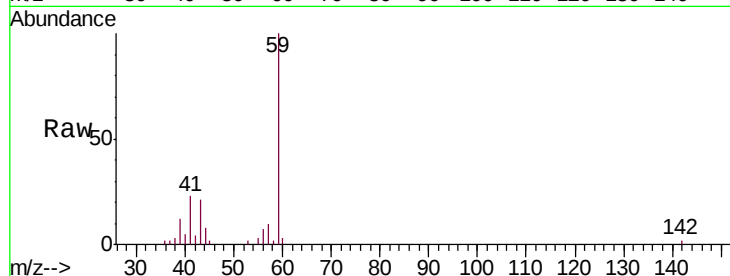
Tert butyl alcohol
 Concen: 97.749 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

Tgt Ion: 59 Resp: 34944
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.2 9.2#

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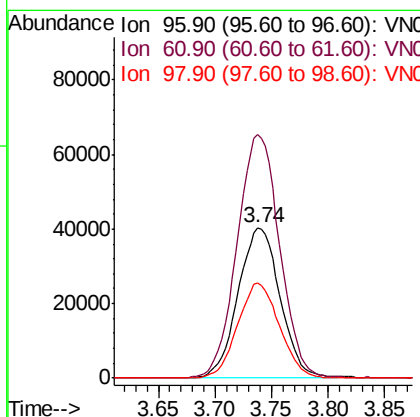
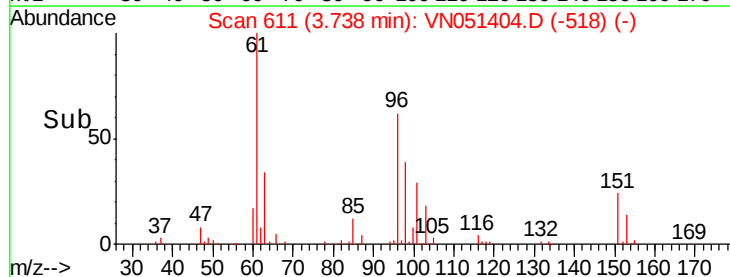
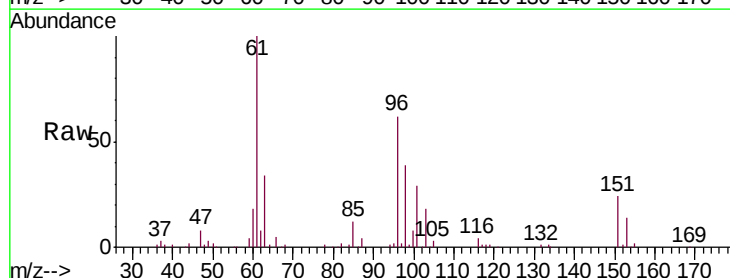
apatel
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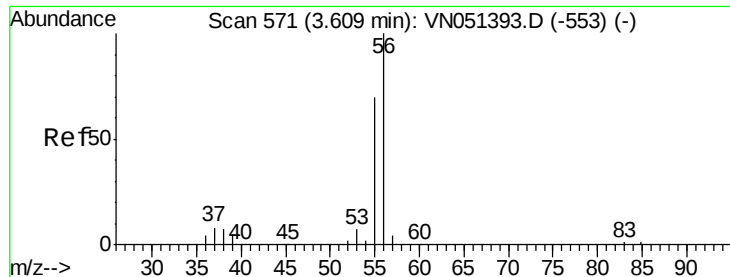


#12

1,1-Dichloroethene
 Concen: 18.548 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion: 96 Resp: 104352
 Ion Ratio Lower Upper
 96 100
 61 161.0 133.6 200.4
 98 63.1 52.2 78.2





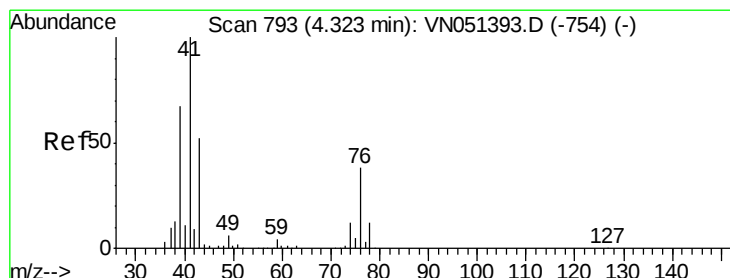
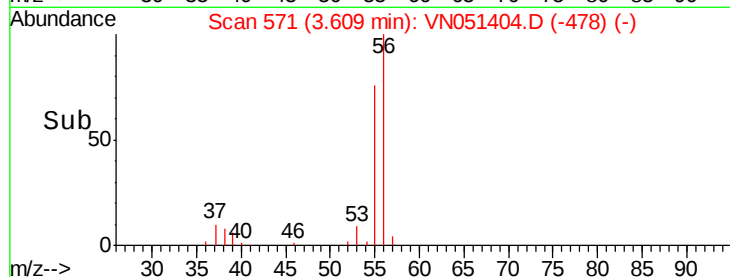
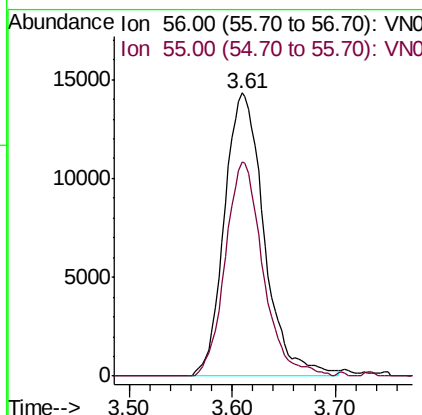
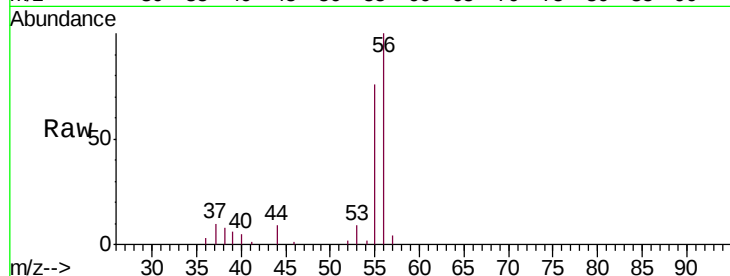
#13
Acrolein
Concen: 108.219 ug/l
RT: 3.61 min Scan# 571
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
55	71.7	57.8	86.8

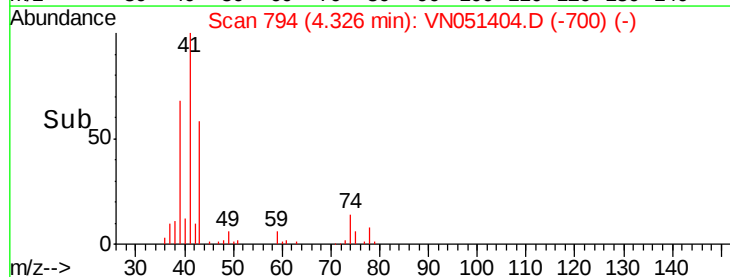
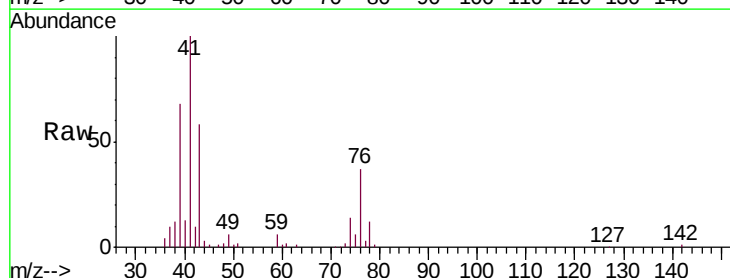
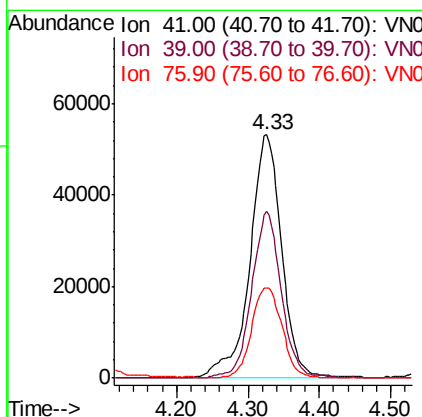
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#14
Allyl chloride
Concen: 17.425 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.9	51.4	77.2
76	35.6	28.1	42.1





#15

Acrylonitrile

Concen: 95.086 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

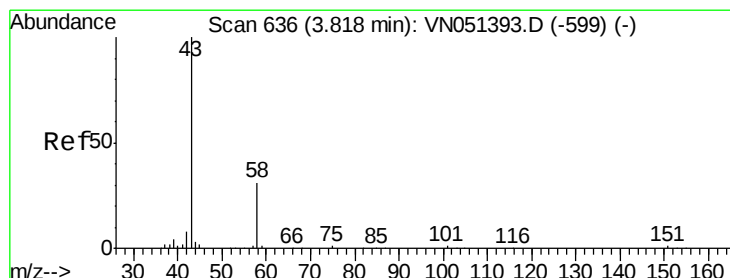
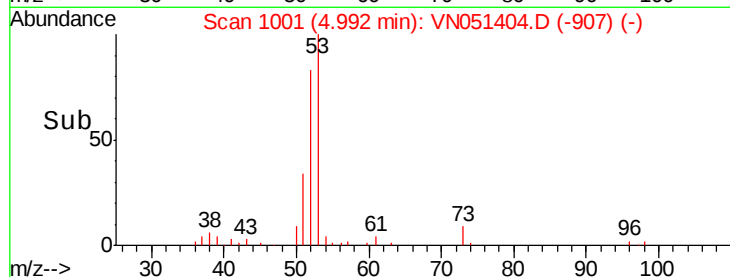
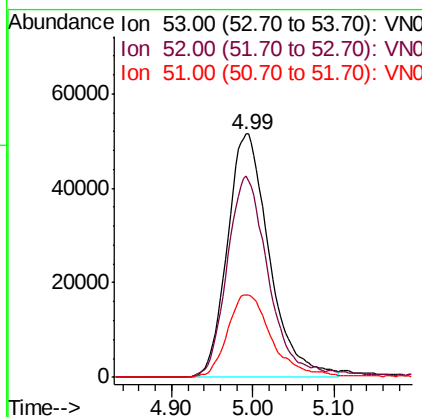
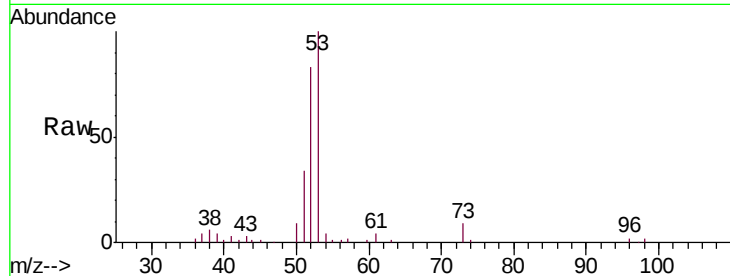
ClientSampleId :

VN0923WBSD01

Tgt Ion:	53	Resp:	184911
Ion	Ratio	Lower	Upper
53	100		
52	80.6	66.2	99.2
51	35.7	28.6	42.8

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#16

Acetone

Concen: 77.833 ug/l

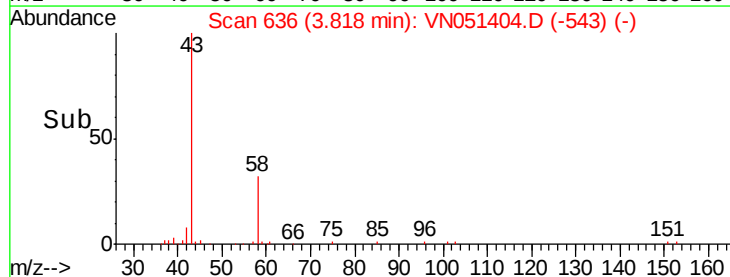
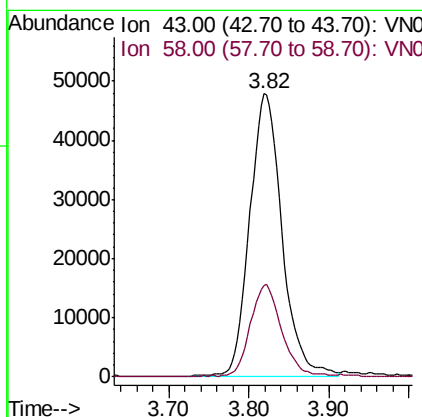
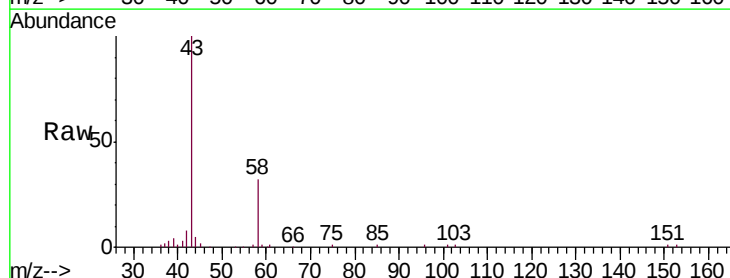
RT: 3.82 min Scan# 636

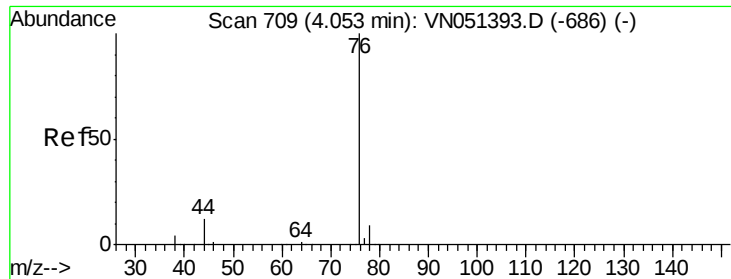
Delta R.T. 0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Tgt Ion:	43	Resp:	132881
Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.0	37.4





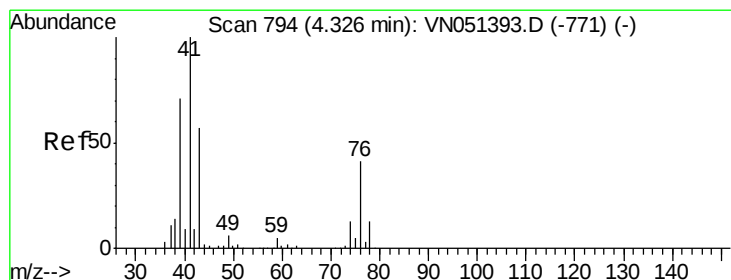
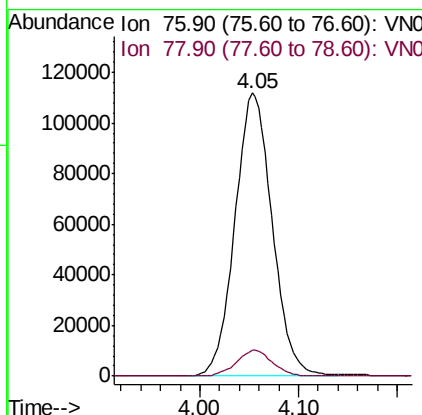
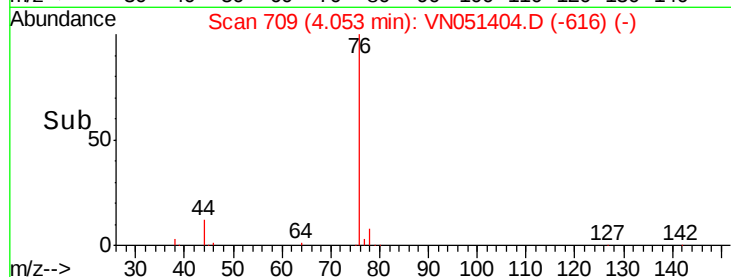
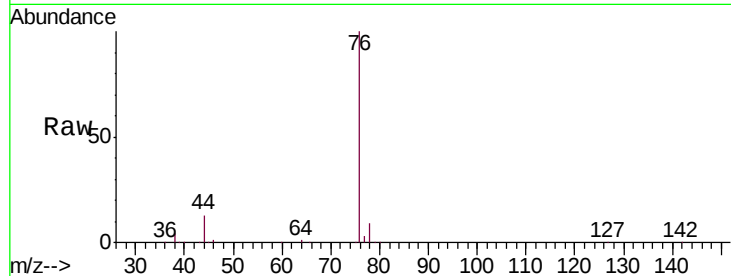
#17
Carbon Disulfide
Concen: 17.727 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion: 76 Resp: 293003
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

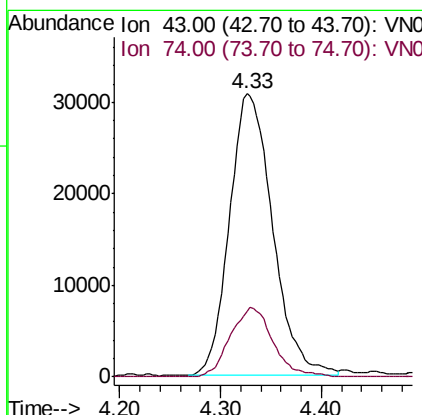
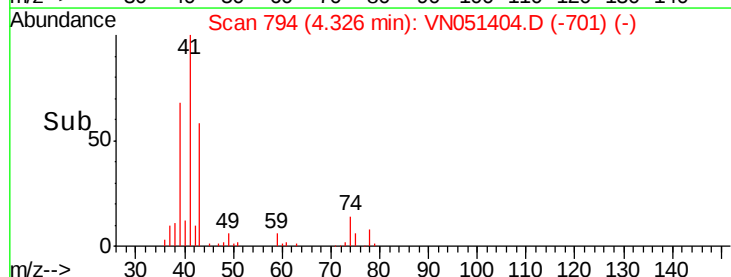
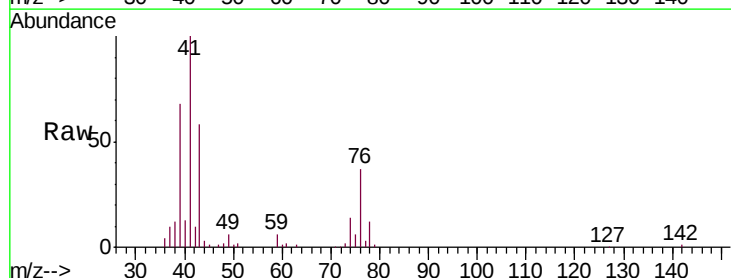
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#18
Methyl Acetate
Concen: 18.993 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion: 43 Resp: 91625
Ion Ratio Lower Upper
43 100
74 24.4 18.8 28.2





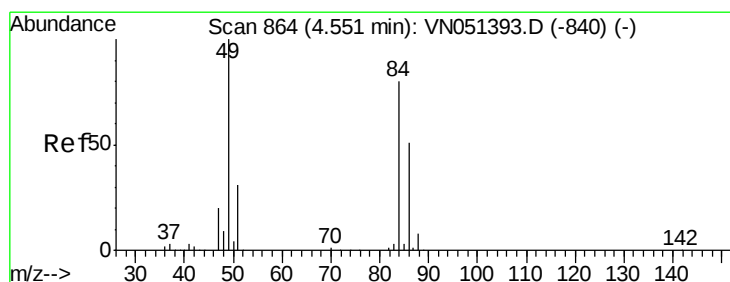
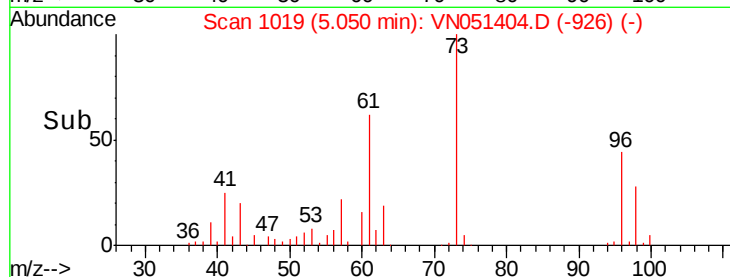
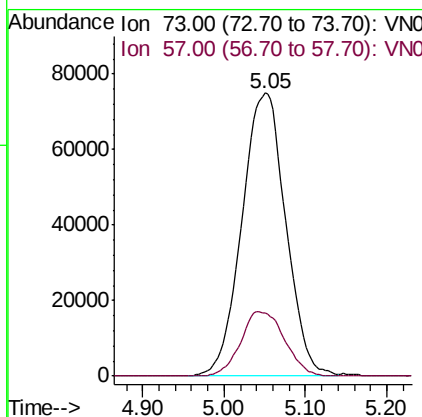
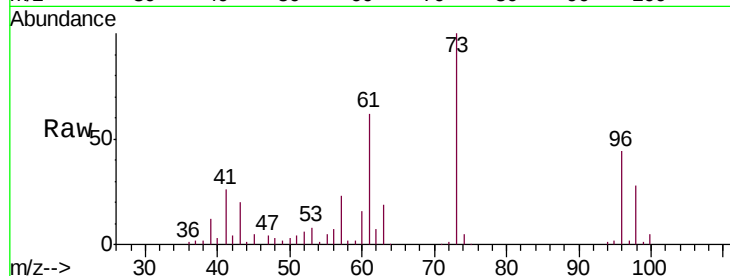
#19
Methyl tert-butyl Ether
Concen: 19.263 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion: 73 Resp: 279459
Ion Ratio Lower Upper
73 100
57 22.5 18.3 27.5

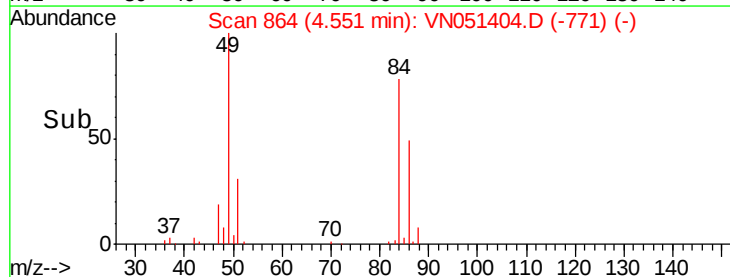
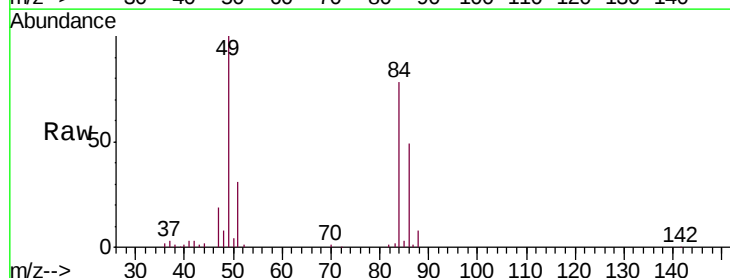
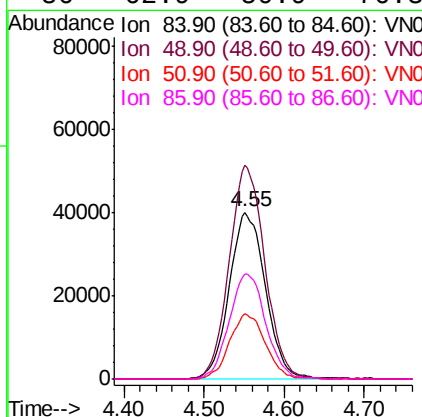
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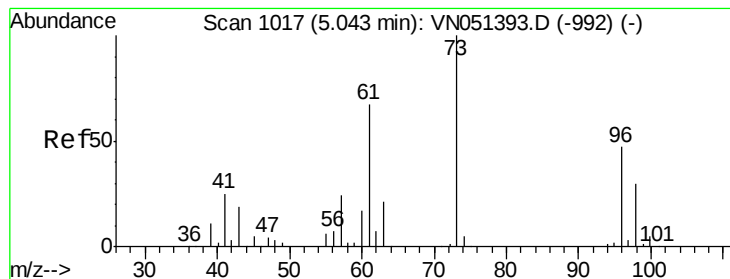
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#20
Methylene Chloride
Concen: 19.573 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion: 84 Resp: 122686
Ion Ratio Lower Upper
84 100
49 127.9 99.9 149.9
51 39.2 31.4 47.2
86 62.9 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 18.506 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

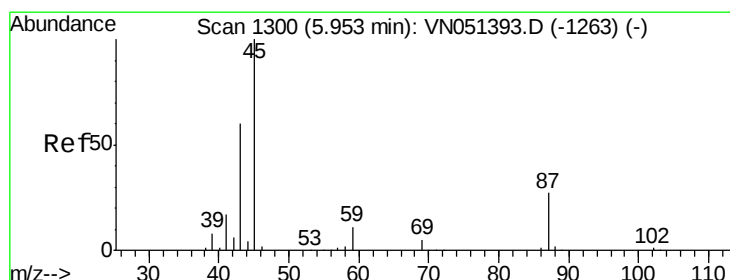
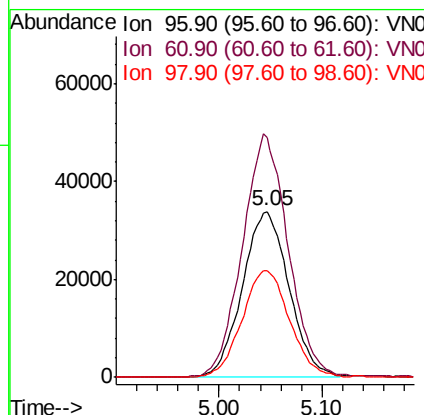
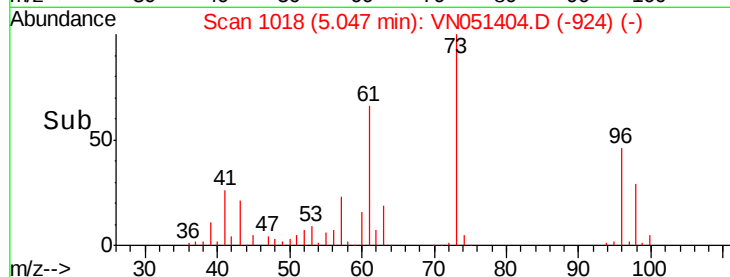
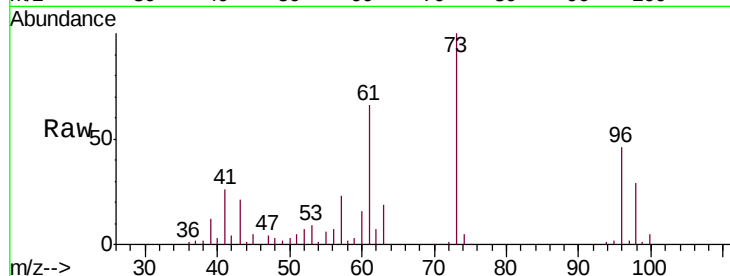
ClientSampleId :

VN0923WBSD01

Tgt Ion:	96	Resp:	106504
Ion	Ratio	Lower	Upper
96	100		
61	144.0	113.4	170.2
98	64.5	51.1	76.7

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#22

Diisopropyl ether

Concen: 20.625 ug/l

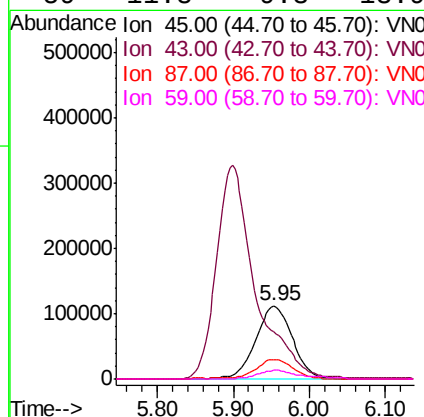
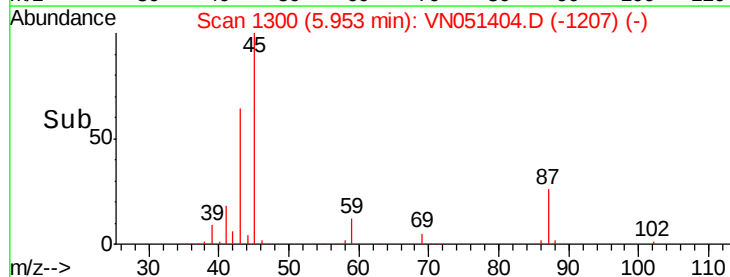
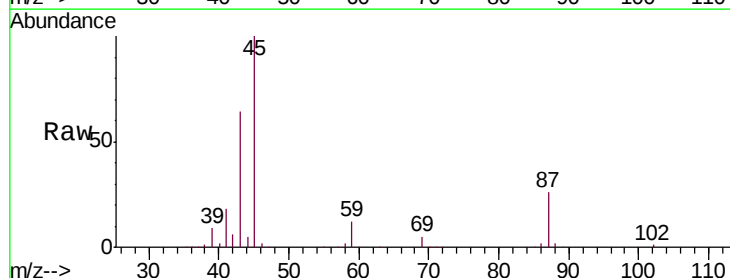
RT: 5.95 min Scan# 1300

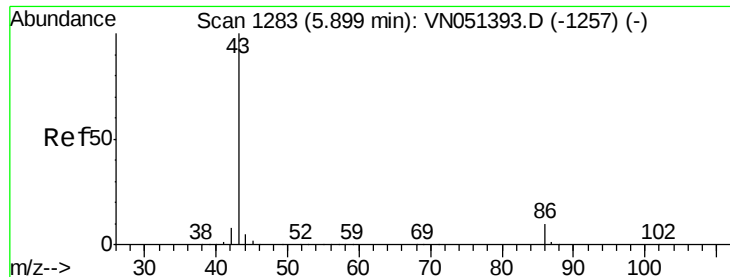
Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Tgt Ion:	45	Resp:	376319
Ion	Ratio	Lower	Upper
45	100		
43	61.2	47.7	71.5
87	25.9	22.0	33.0
59	11.8	9.3	13.9





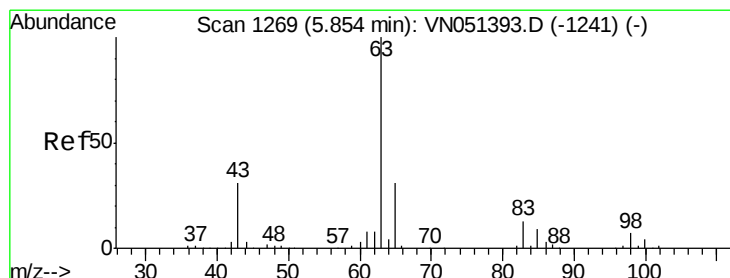
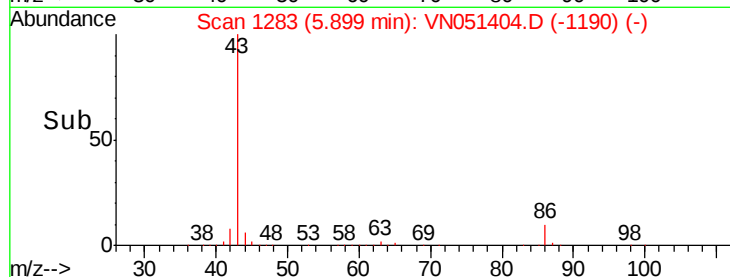
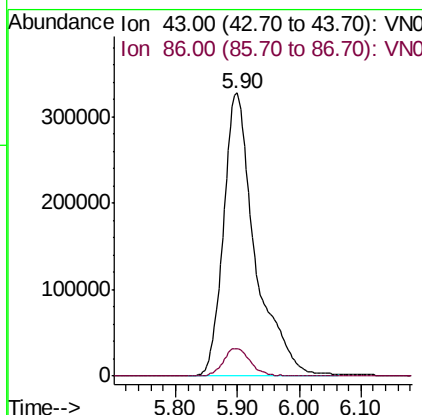
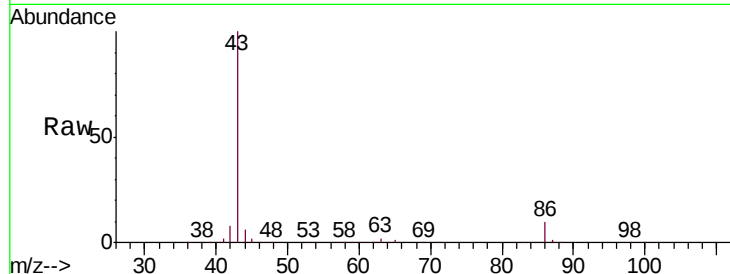
#23
 Vinyl Acetate
 Concen: 97.320 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Instrument :
 MSVOA_N
 ClientSampled :
 VN0923WBSD01

Tgt Ion: 43 Resp: 1165763
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.2 12.2

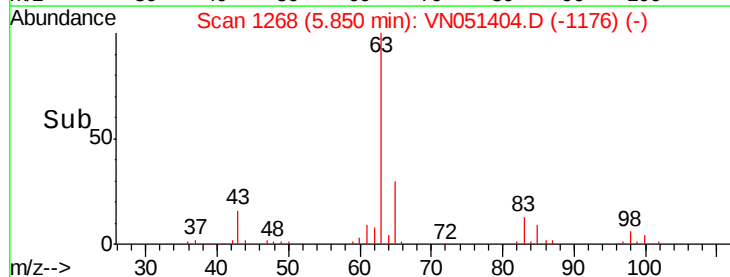
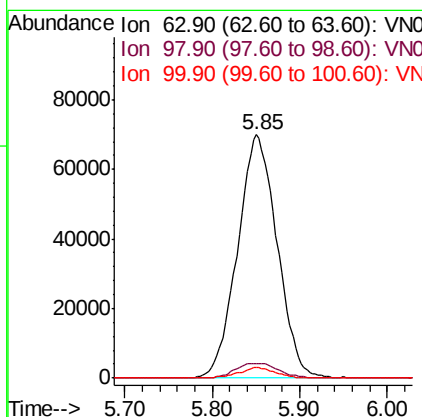
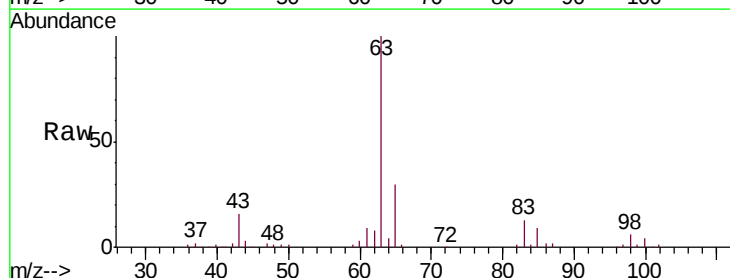
Manual Integrations
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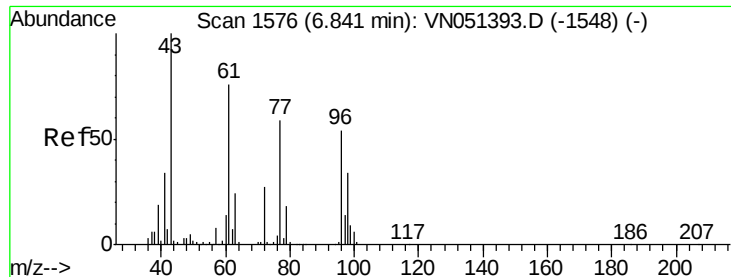
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#24
 1,1-Dichloroethane
 Concen: 20.160 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion: 63 Resp: 219467
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.4 10.1
 100 4.3 2.2 6.6





#25

2-Butanone

Concen: 93.295 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleID :

VN0923WBSD01

Tgt Ion: 43 Resp: 202267

Ion Ratio Lower Upper

43 100

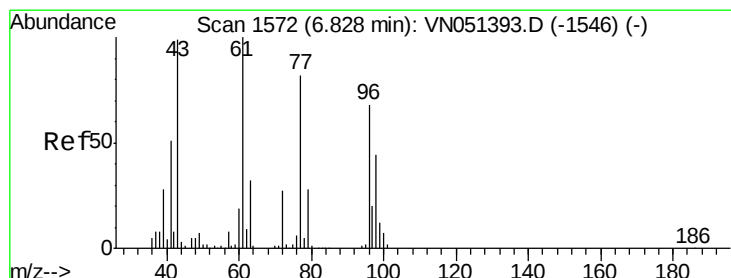
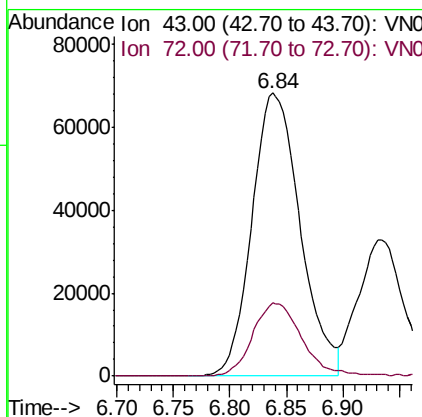
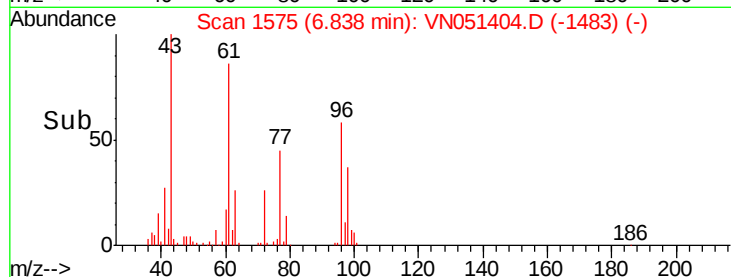
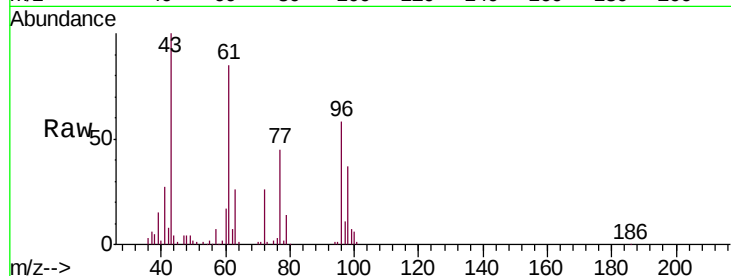
72 25.8 21.8 32.6

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#26

2,2-Dichloropropane

Concen: 13.013 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN051404.D

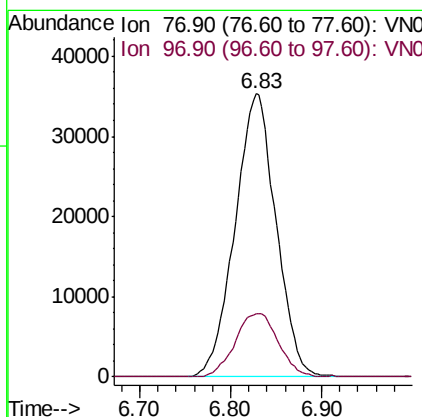
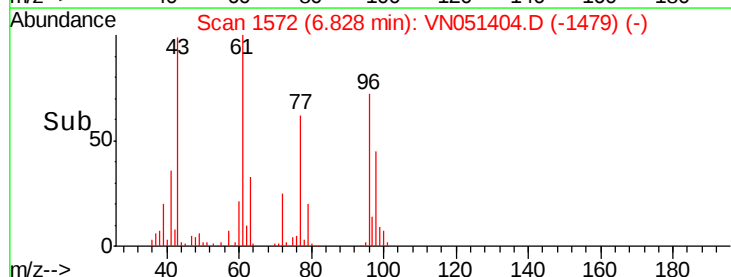
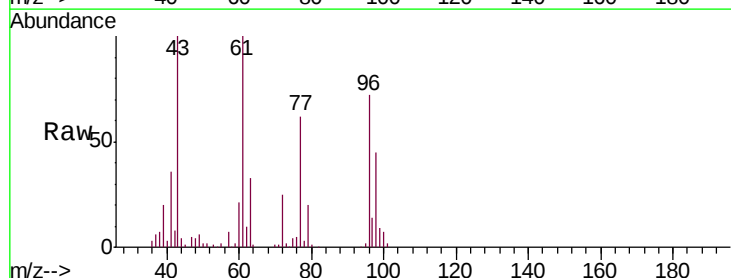
Acq: 23 Sep 2018 11:31

Tgt Ion: 77 Resp: 110587

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 19.468 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

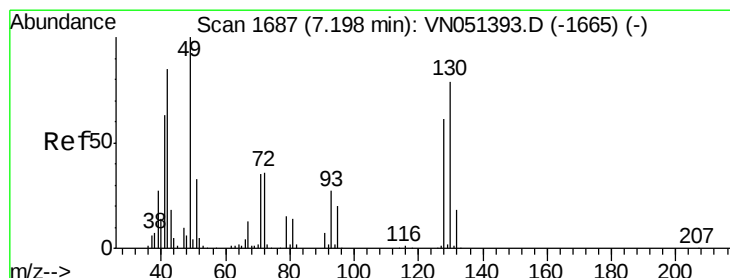
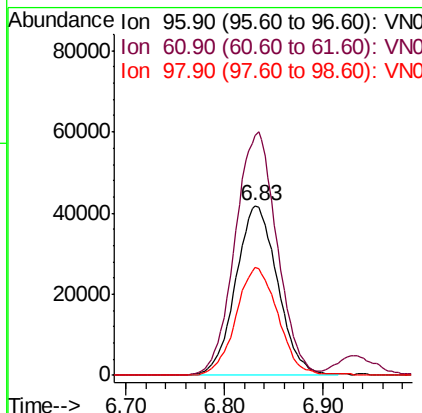
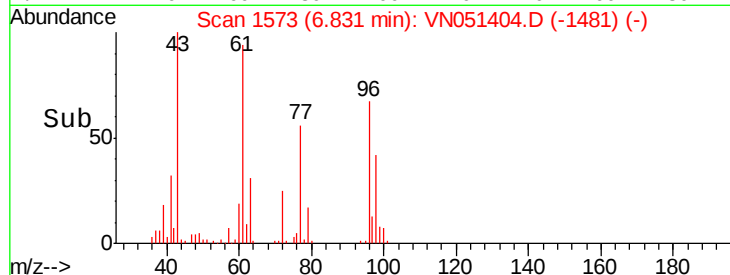
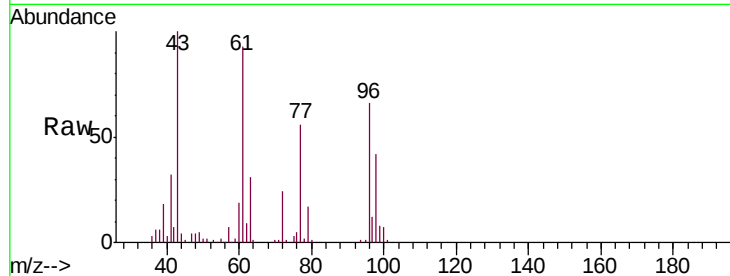
ClientSampleId :

VN0923WBSD01

Tgt Ion:	96	Resp:	122941
Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	291.4
98	63.5	0.0	128.4

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#28

Bromochloromethane

Concen: 20.118 ug/l

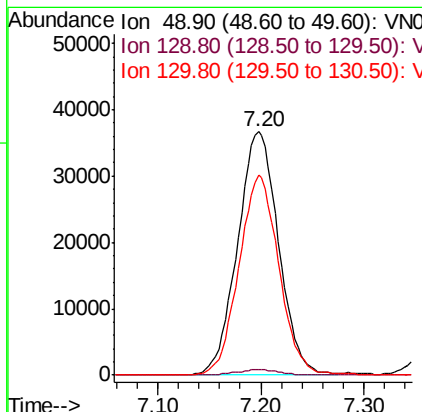
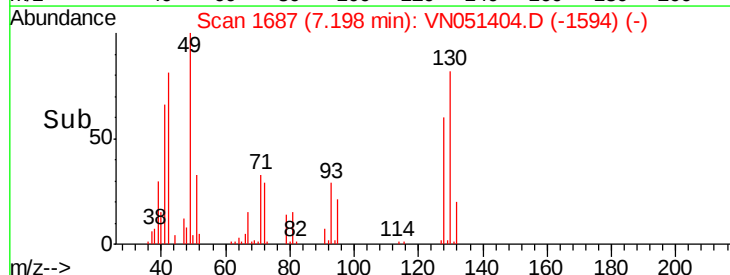
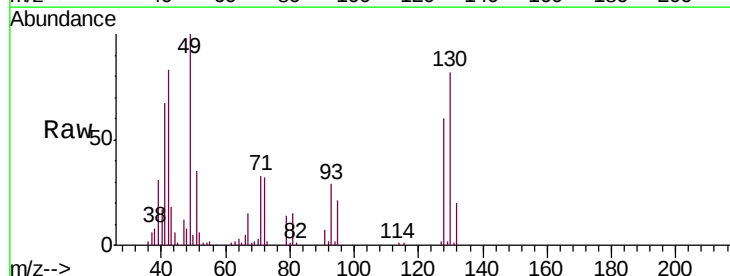
RT: 7.20 min Scan# 1687

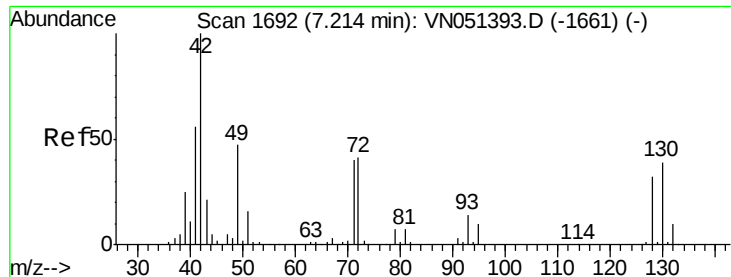
Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Tgt Ion:	49	Resp:	101138
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	80.0	63.0	94.4





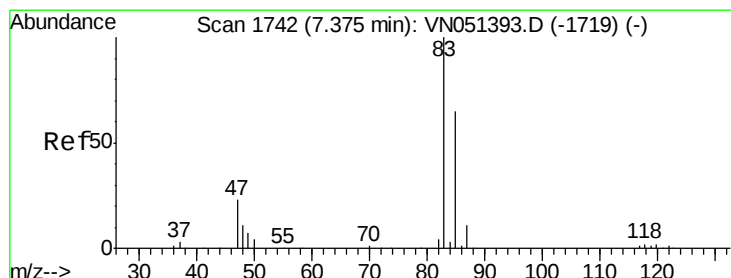
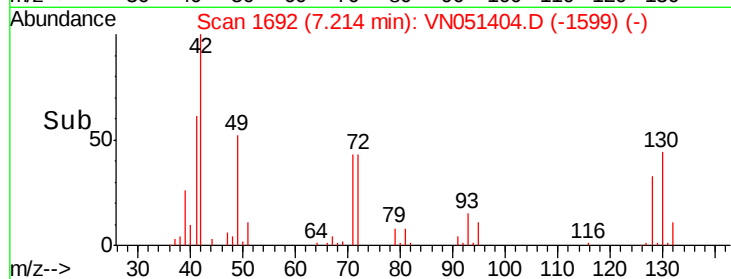
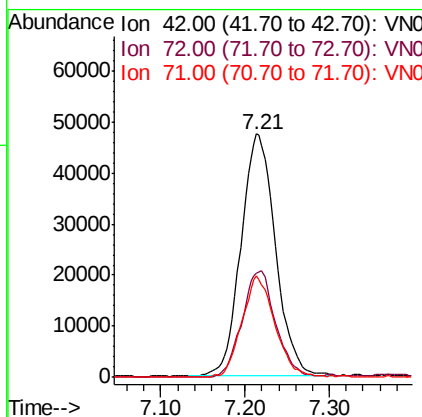
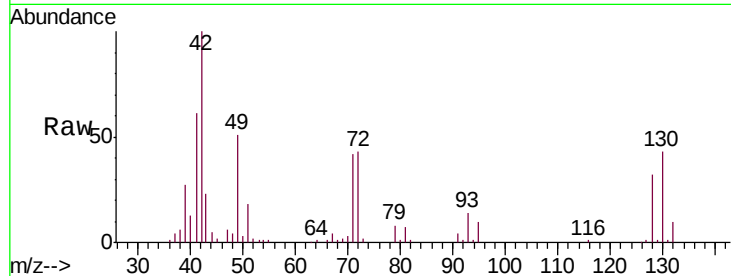
#29
Tetrahydrofuran
Concen: 98.046 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.3	51.5
71	40.0	32.2	48.4

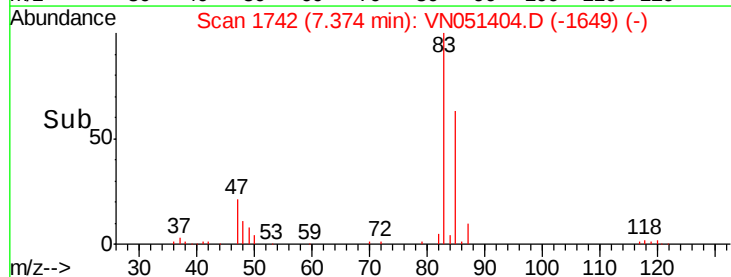
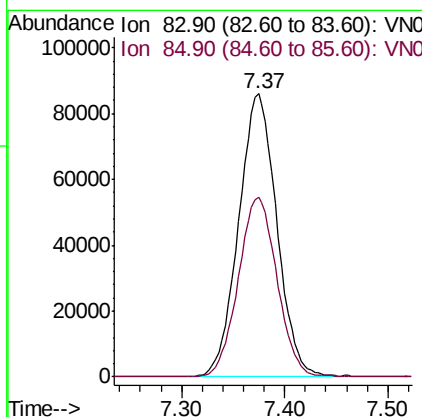
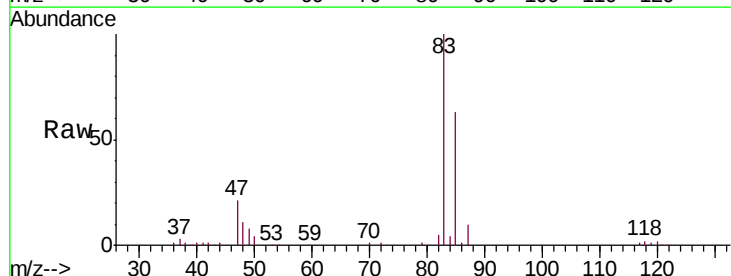
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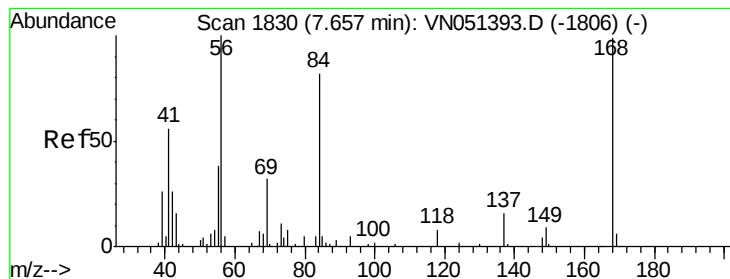
apatel
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#30
Chloroform
Concen: 20.491 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.8	77.6





#31

Cyclohexane

Concen: 18.792 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampled :

VN0923WBSD01

Tgt Ion: 56 Resp: 187433

Ion Ratio Lower Upper

56 100

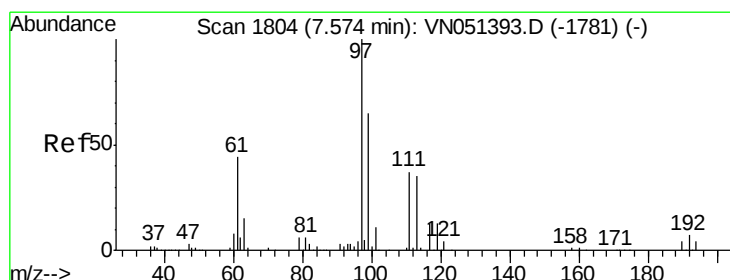
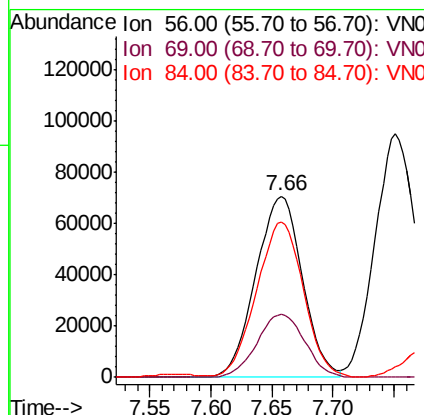
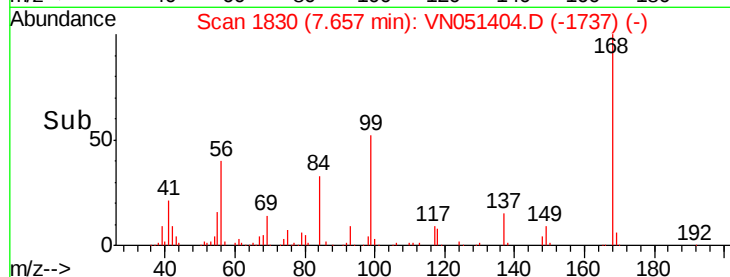
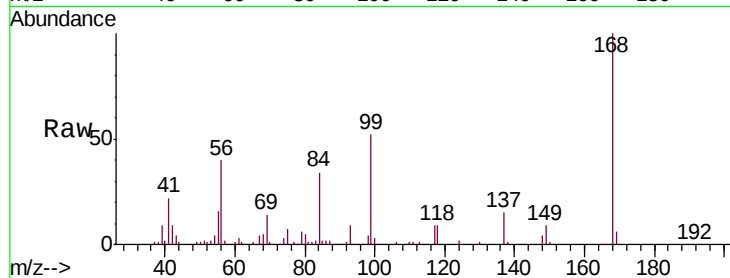
69 34.8 25.8 38.6

84 84.5 66.0 99.0

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#32

1,1,1-Trichloroethane

Concen: 20.476 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

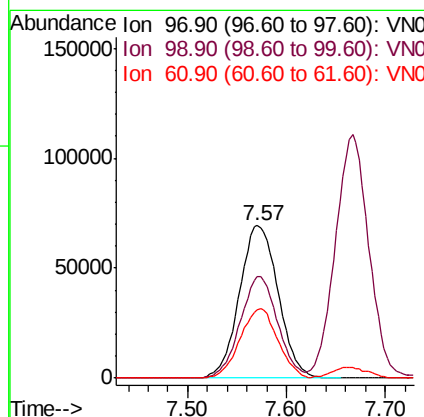
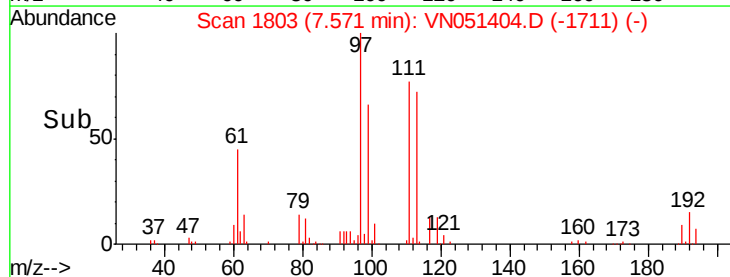
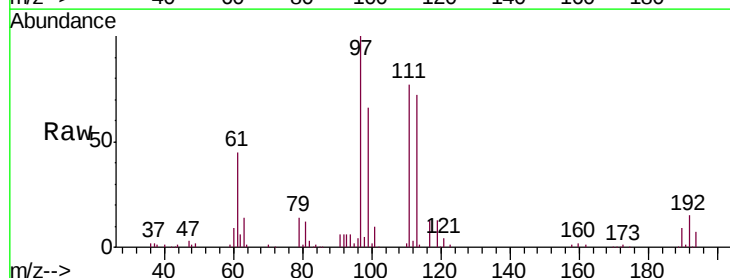
Tgt Ion: 97 Resp: 188829

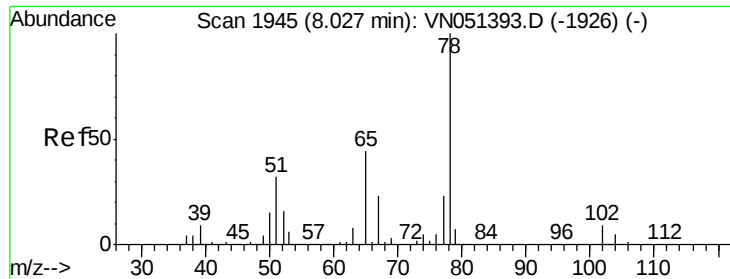
Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

61 44.3 35.8 53.8





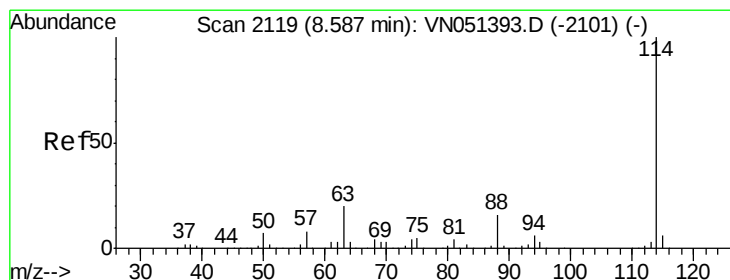
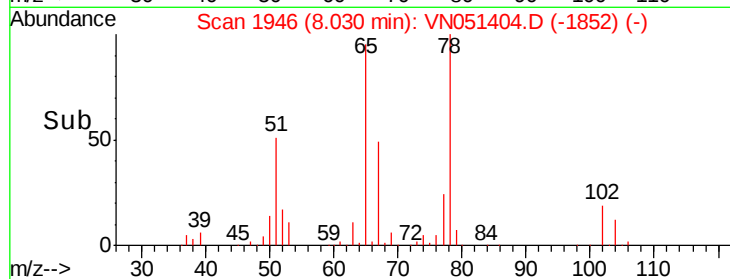
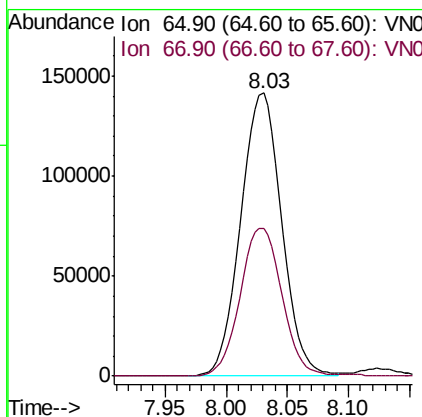
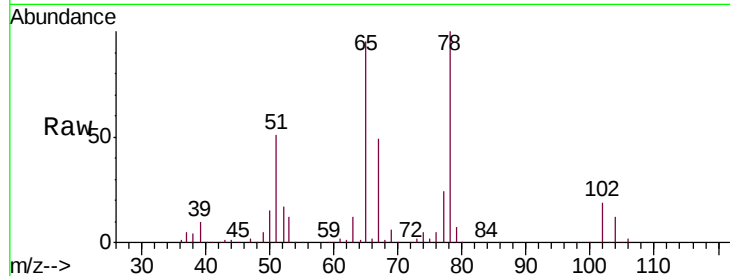
#33
 1,2-Dichloroethane-d4
 Concen: 51.902 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

Tgt Ion: 65 Resp: 328755
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.8

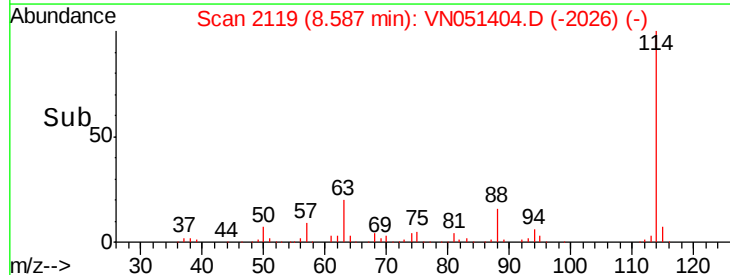
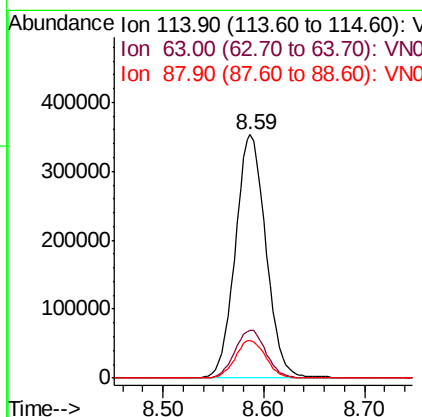
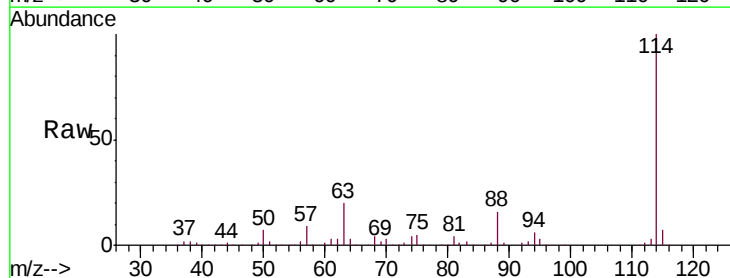
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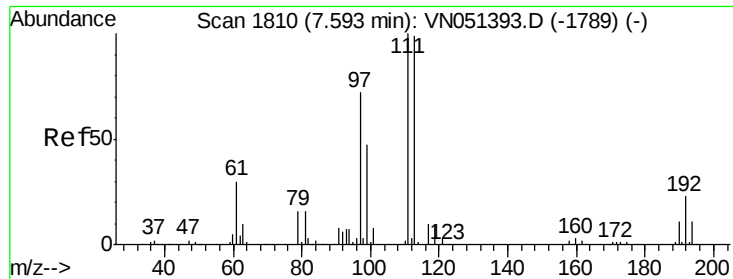
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion: 114 Resp: 741053
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.2
 88 15.6 0.0 31.4





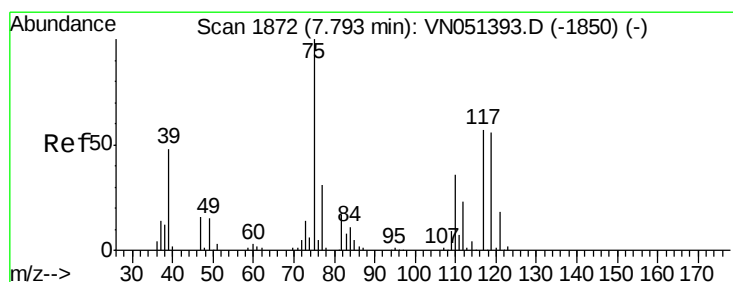
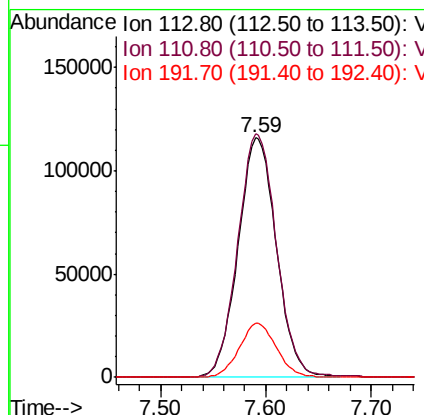
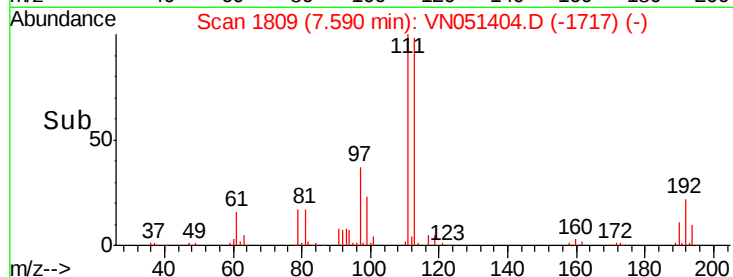
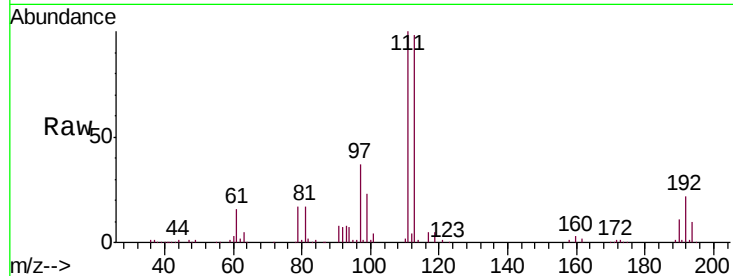
#35
Dibromofluoromethane
Concen: 49.470 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	293150		
111	102.9	82.6	123.8	
192	21.9	18.0	27.0	

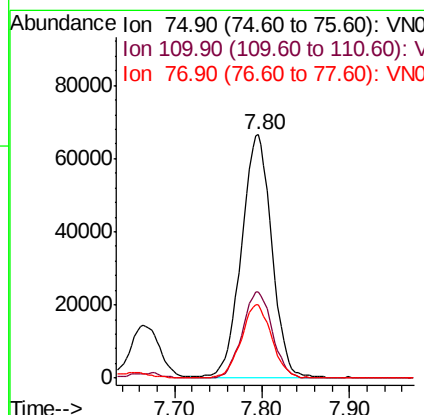
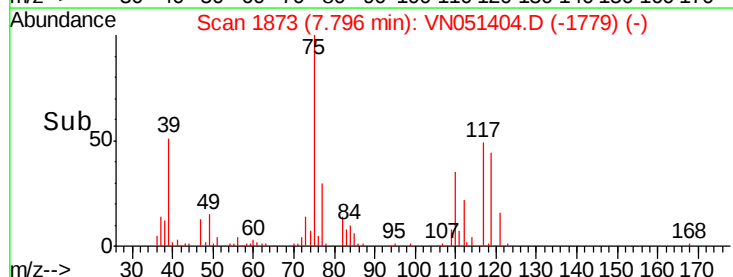
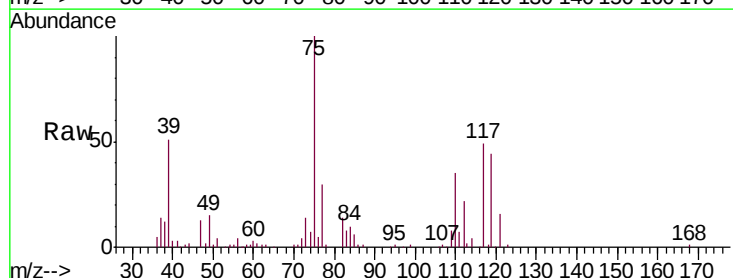
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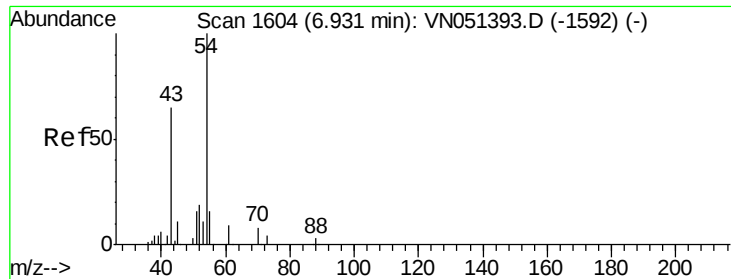
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#36
1,1-Dichloropropene
Concen: 18.648 ug/l
RT: 7.80 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	160026		
110	34.9	18.1	54.3	
77	30.6	25.6	38.4	





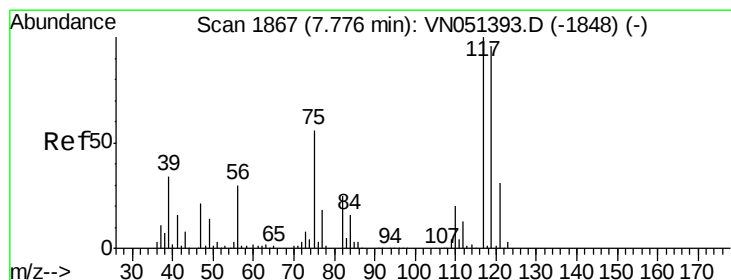
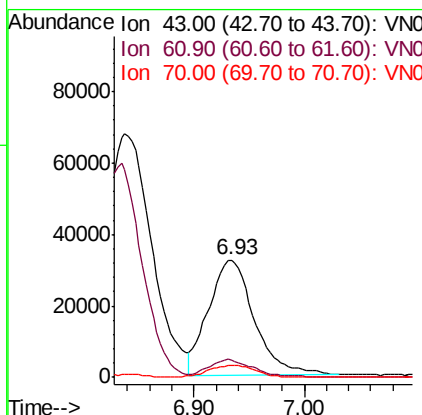
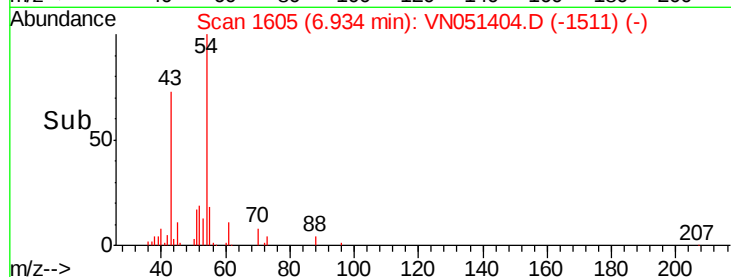
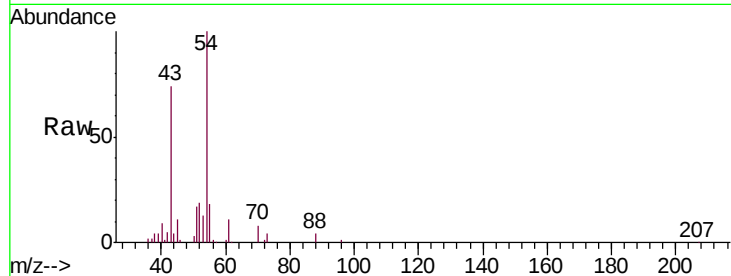
#37
Ethyl Acetate
Concen: 18.963 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.5	17.3
70	10.8	7.9	11.9

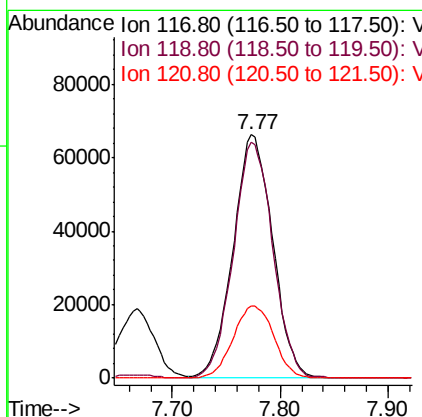
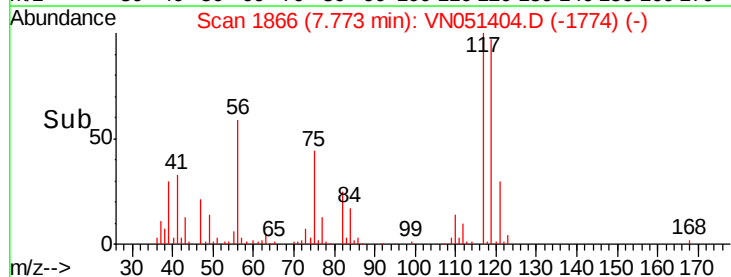
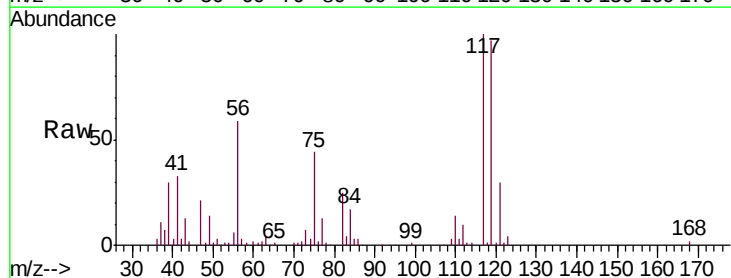
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#38
Carbon Tetrachloride
Concen: 18.881 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.9	115.3
121	29.7	24.6	37.0





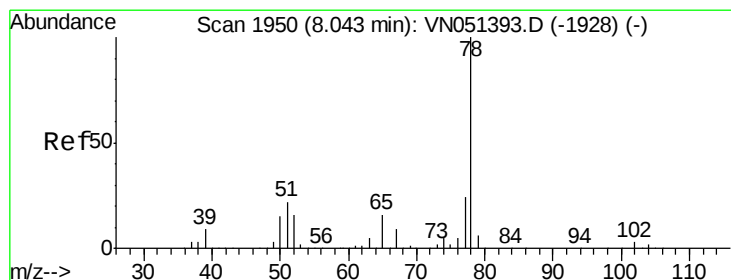
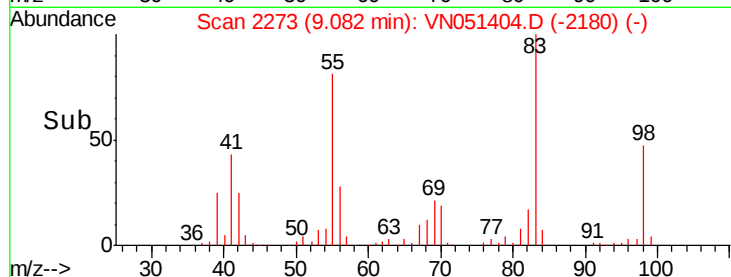
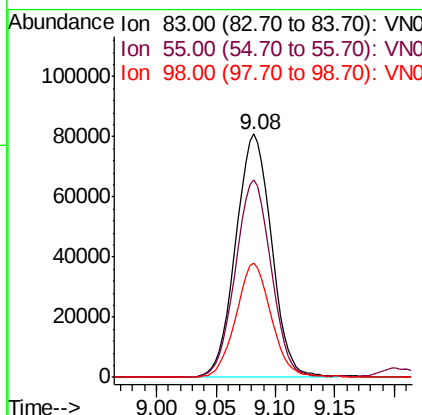
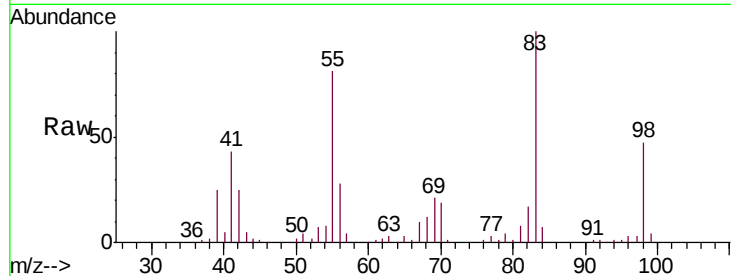
#39
Methylcyclohexane
Concen: 16.865 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Instrument :
MSVOA_N
ClientSampled :
VN0923WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	169185		
55	81.2	61.0	91.4	
98	46.7	35.6	53.4	

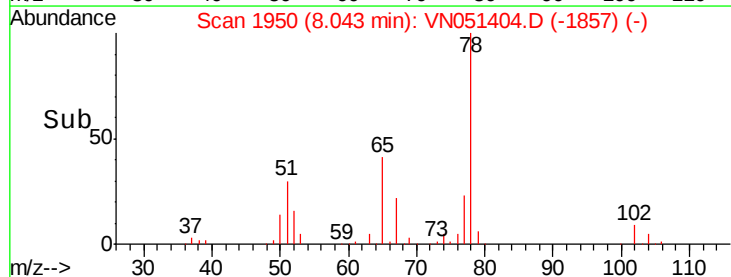
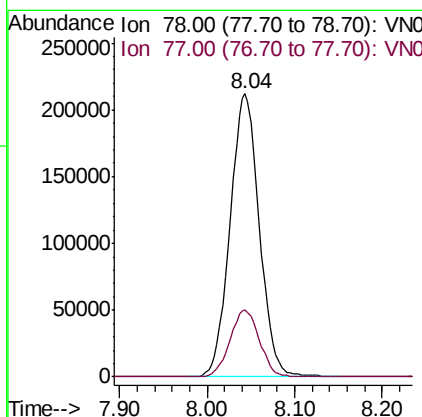
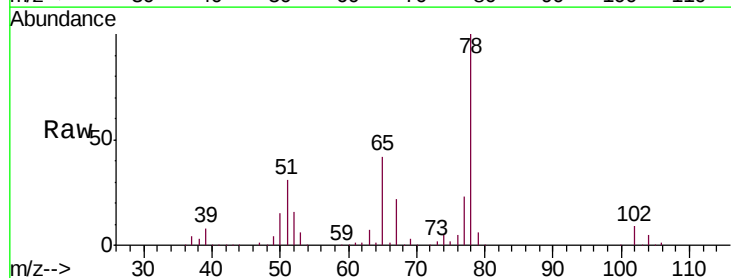
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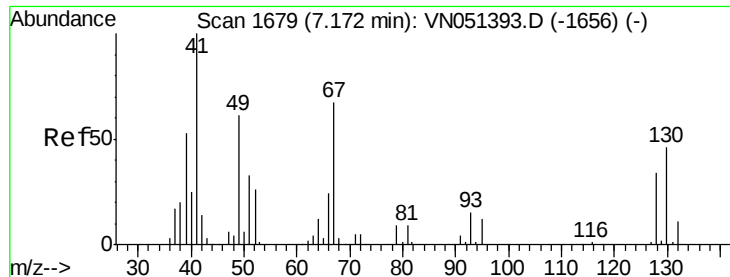
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#40
Benzene
Concen: 19.505 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	491474		
77	23.5	19.2	28.8	





#41

Methacrylonitrile

Concen: 15.926 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

Tgt Ion: 41 Resp: 43475
Ion Ratio Lower Upper

41 100

39 64.4 51.4 77.2

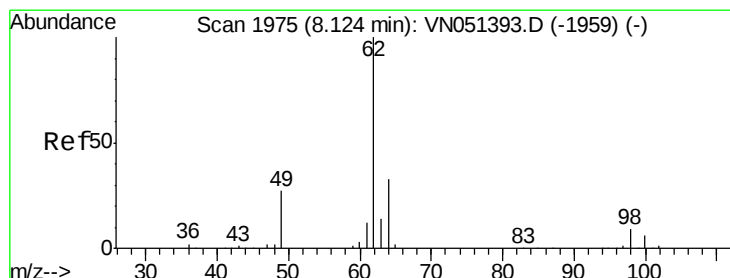
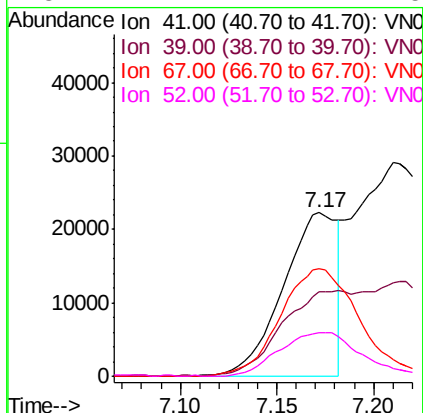
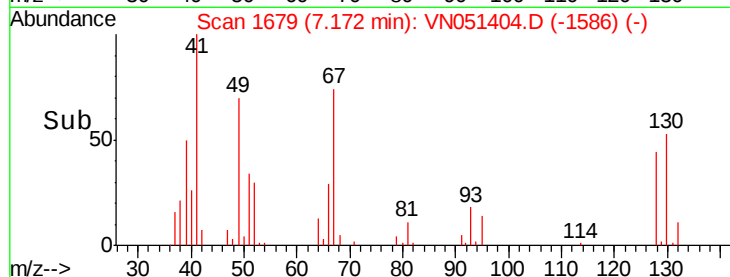
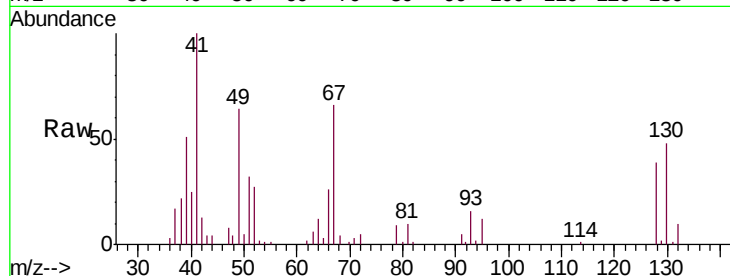
67 96.7 66.8 100.2

52 41.1 27.7 41.5

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.740 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

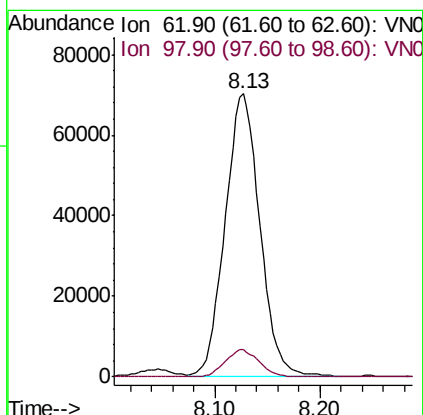
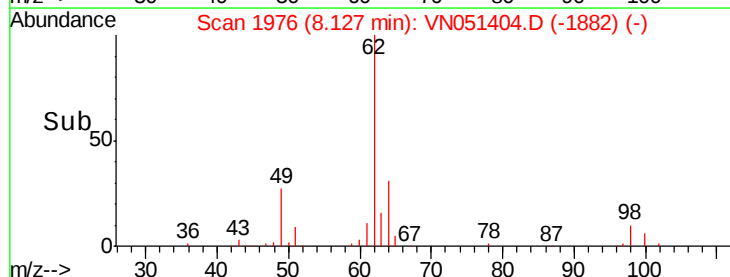
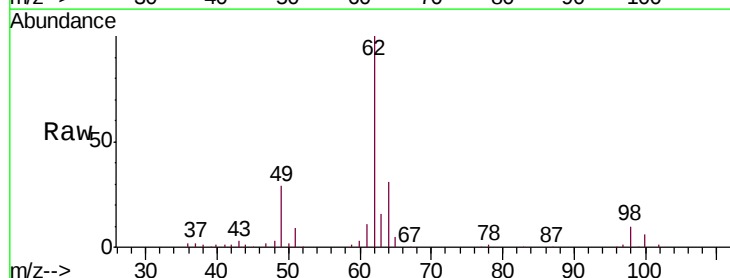
Lab File: VN051404.D

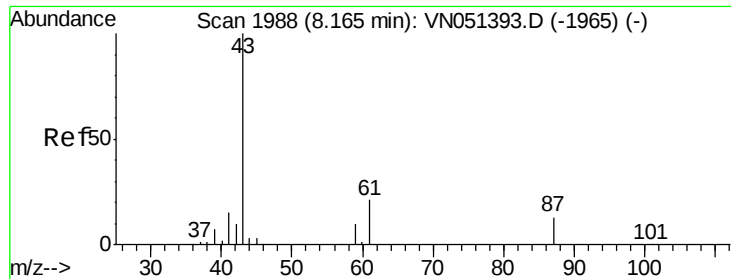
Acq: 23 Sep 2018 11:31

Tgt Ion: 62 Resp: 159266
Ion Ratio Lower Upper

62 100

98 9.5 0.0 18.6





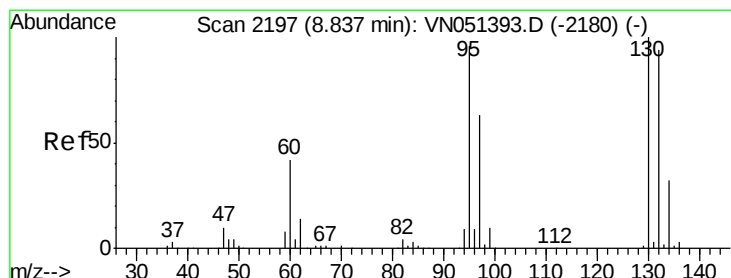
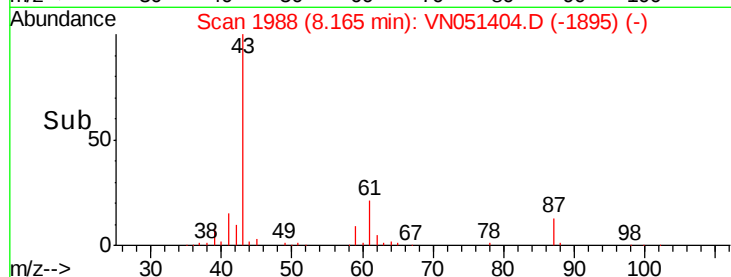
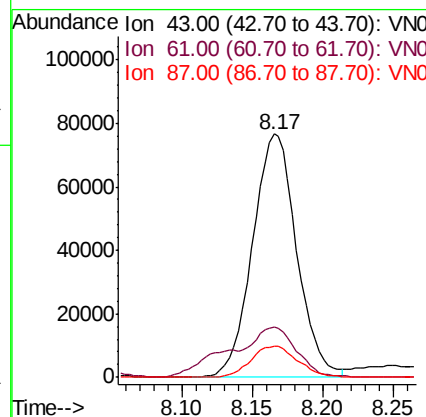
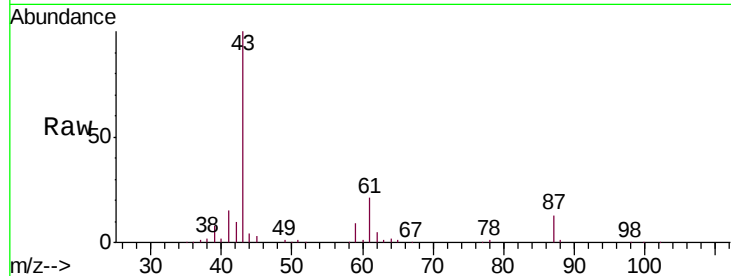
#43
Isopropyl Acetate
Concen: 18.763 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	30.5	16.8	25.2#
87	13.5	10.7	16.1

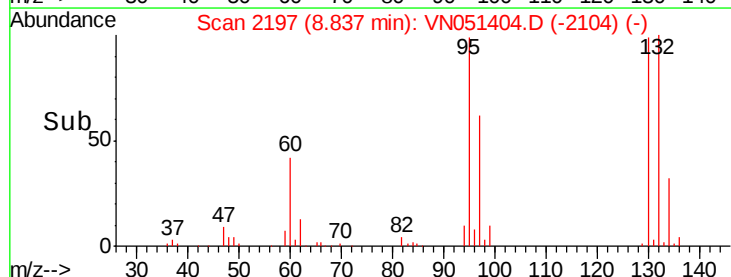
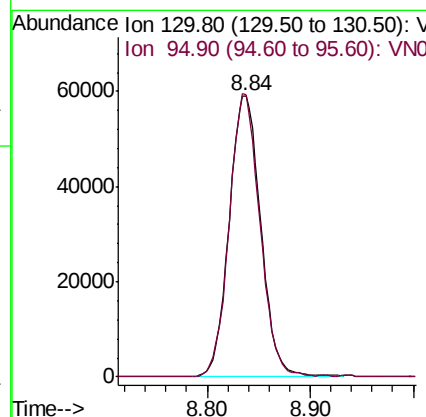
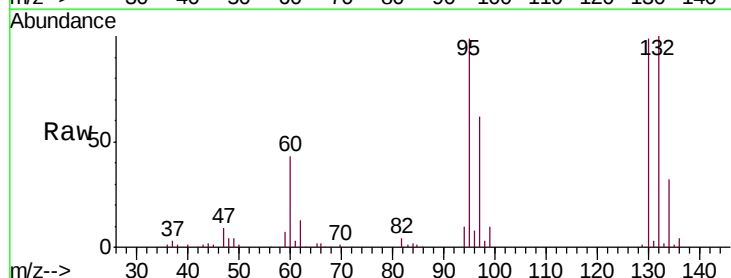
Manual Integrations
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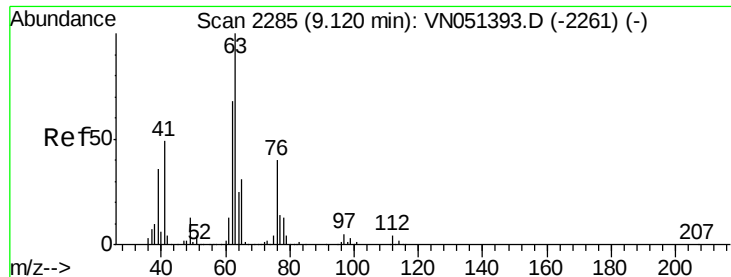
apatel
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#44
Trichloroethene
Concen: 18.844 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	192.2





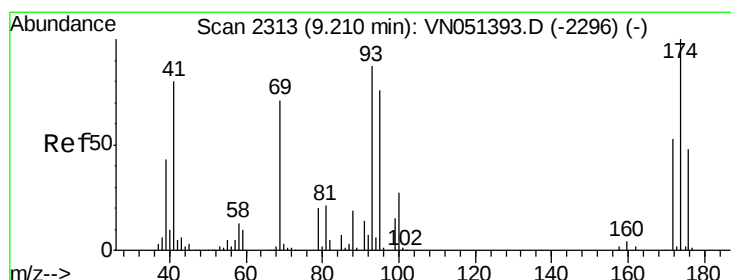
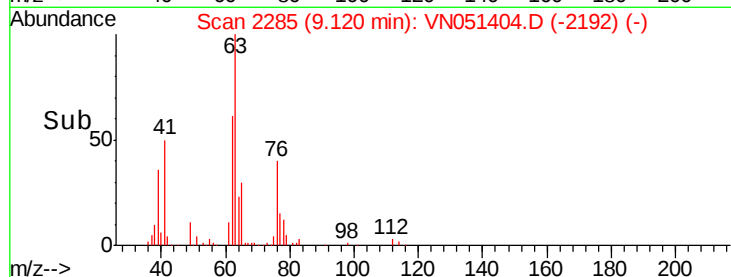
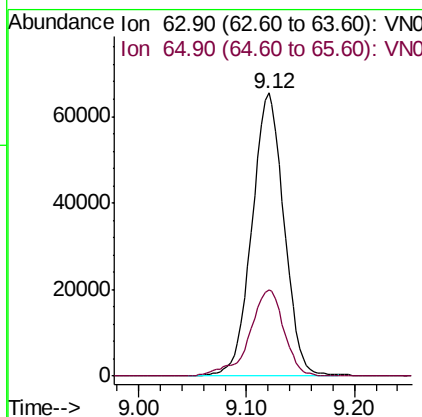
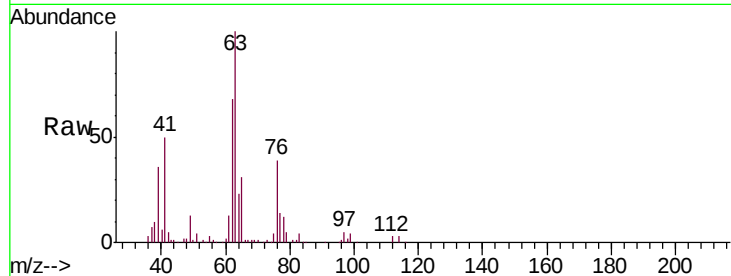
#45
 1,2-Dichloropropane
 Concen: 19.723 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Instrument :
 MSVOA_N
 ClientSampled :
 VN0923WBSD01

Tgt Ion: 63 Resp: 135092
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.9 37.3

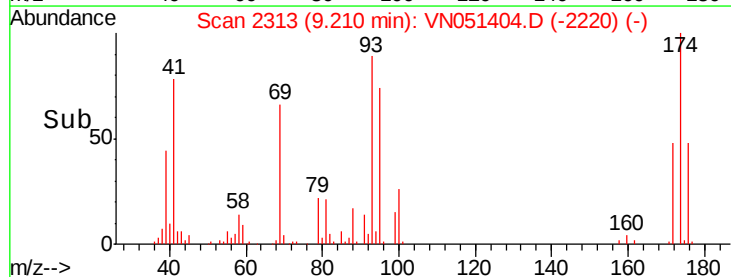
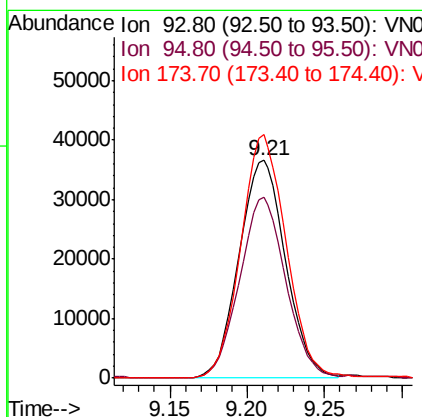
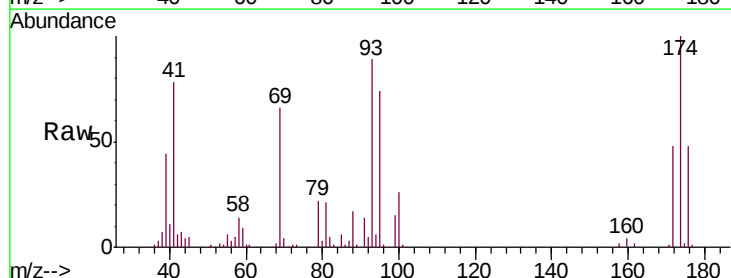
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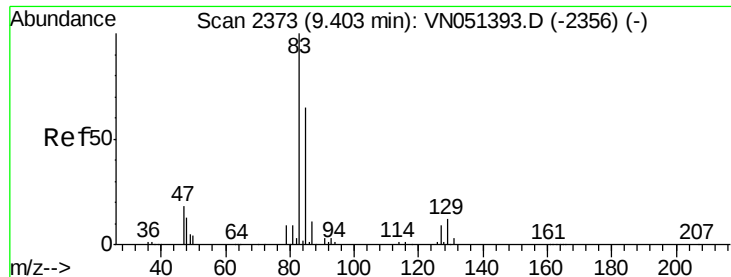
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#46
 Dibromomethane
 Concen: 19.799 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion: 93 Resp: 76624
 Ion Ratio Lower Upper
 93 100
 95 82.4 67.6 101.4
 174 109.3 89.6 134.4





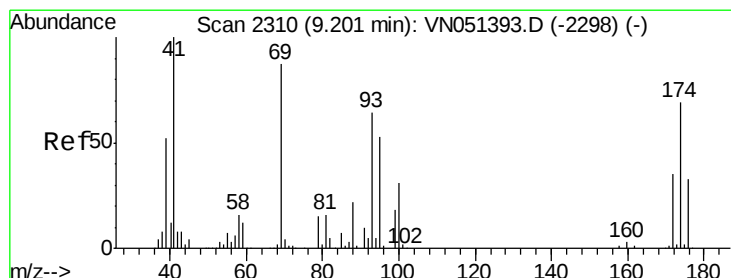
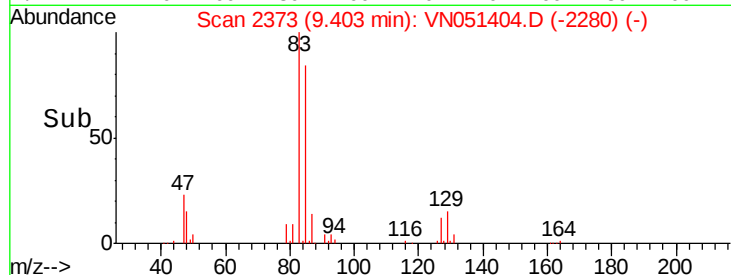
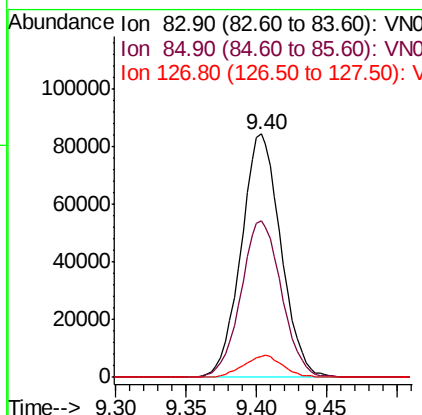
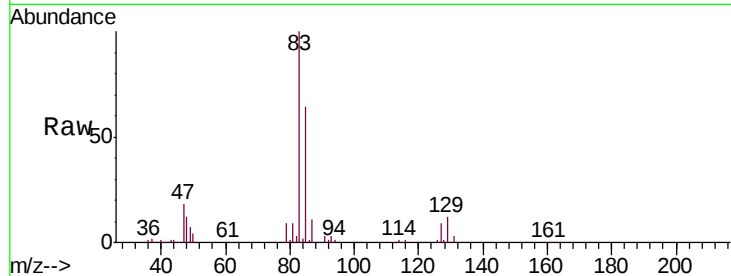
#47
Bromodichloromethane
Concen: 19.381 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.6
127	8.8	7.4	11.2

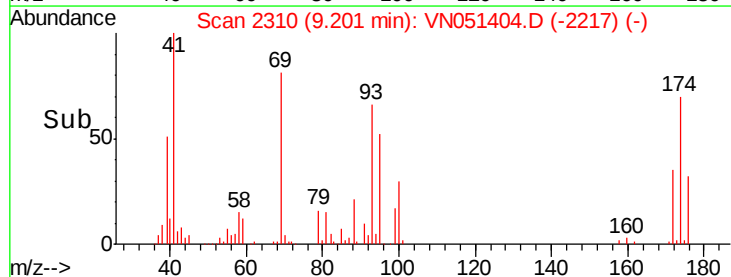
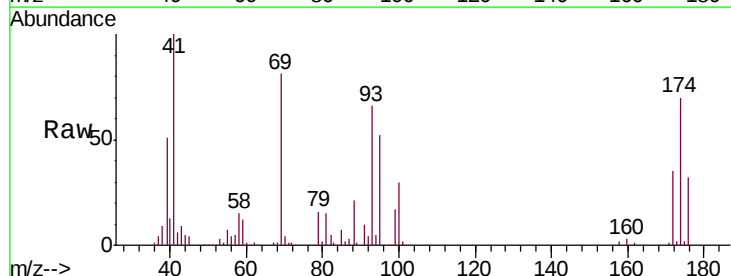
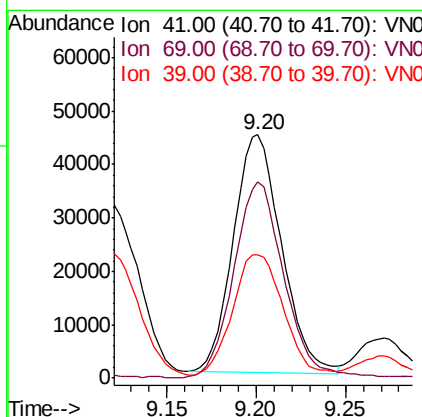
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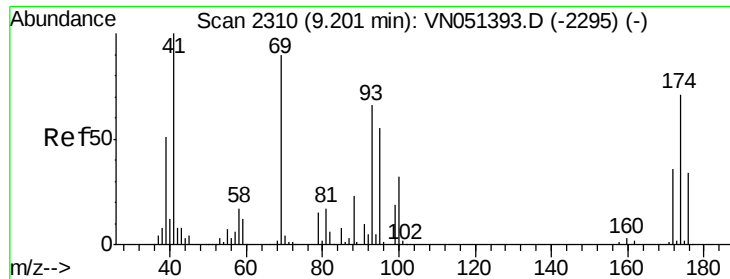
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#48
Methyl methacrylate
Concen: 18.910 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
41	100		
69	86.1	70.4	105.6
39	54.0	43.8	65.8





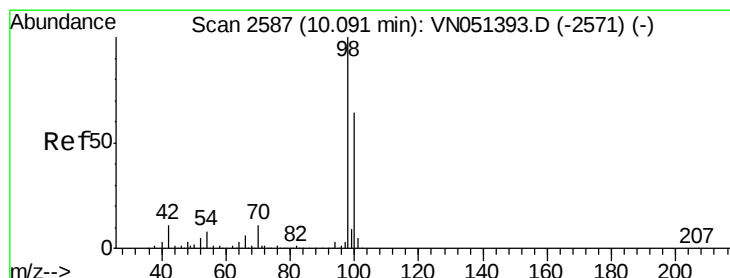
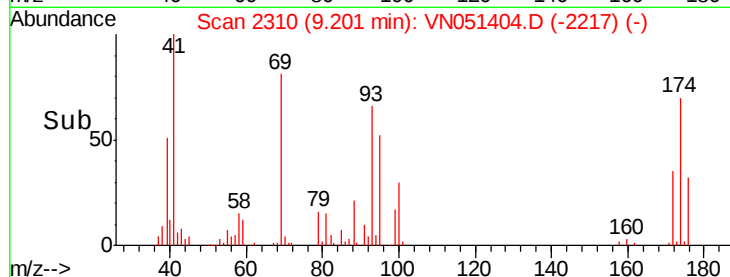
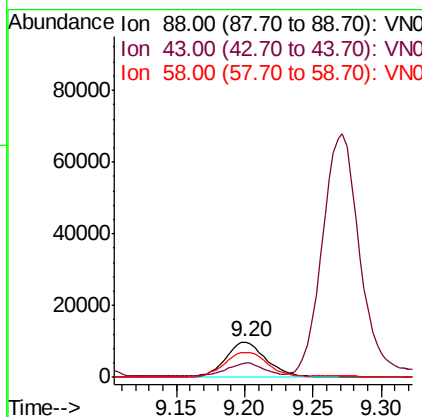
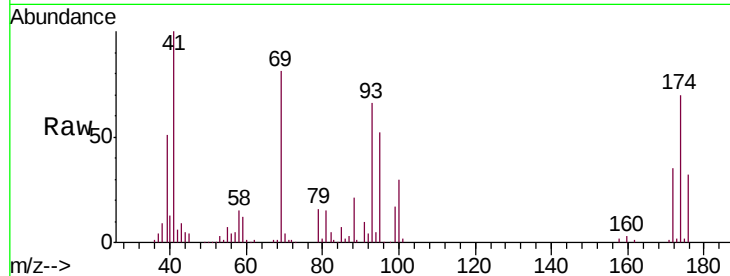
#49
1,4-Dioxane
Concen: 374.019 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

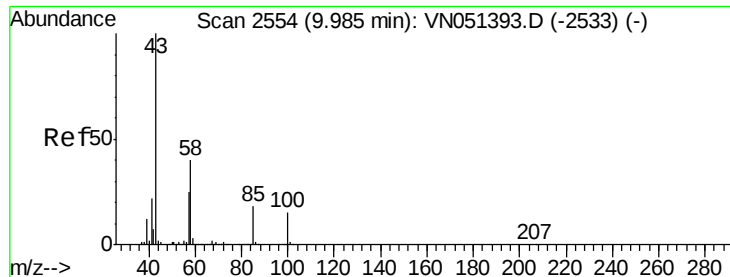
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.7	25.9	38.9
58	76.5	57.0	85.4

Manual Integrations
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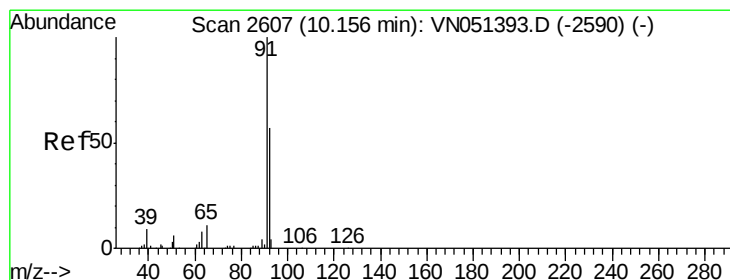
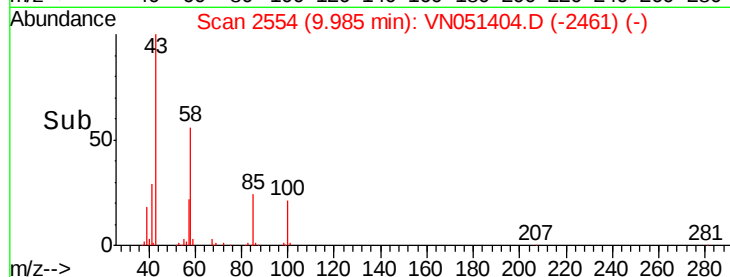
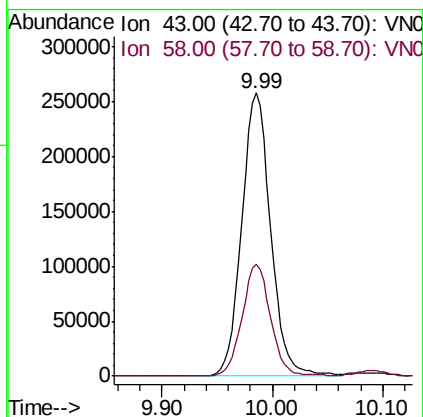
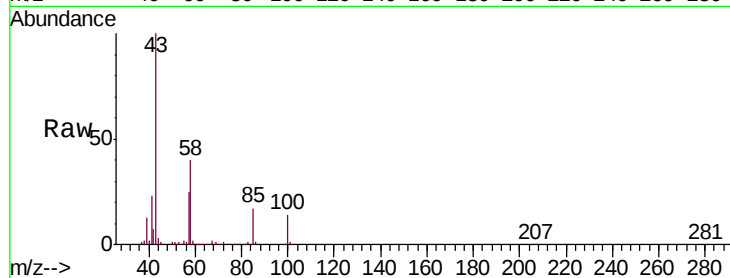
#51
4-Methyl-2-Pentanone
Concen: 95.116 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.0	31.5	47.3

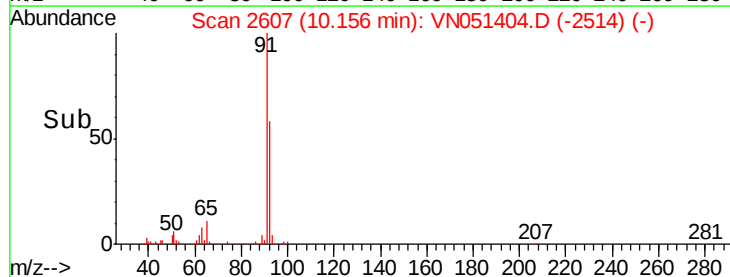
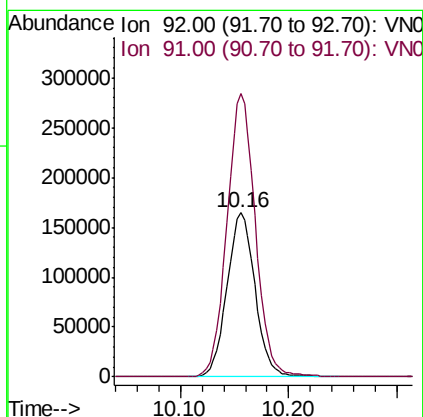
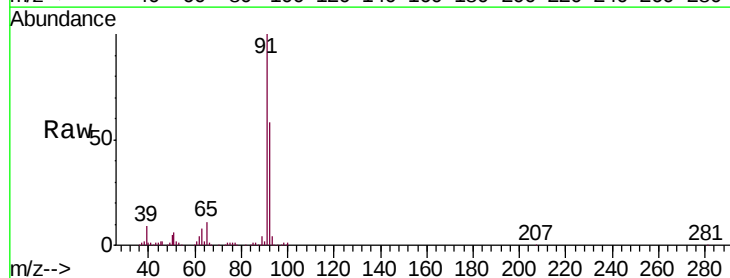
Manual Integrations
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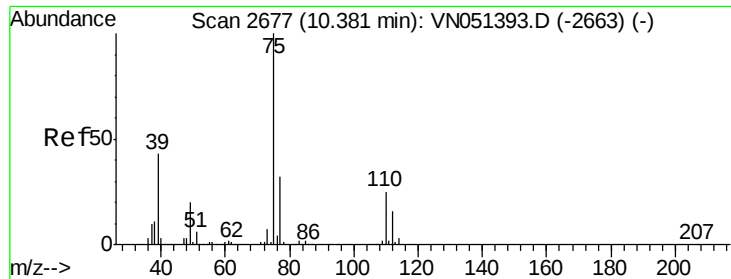
apatel
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#52
Toluene
Concen: 19.153 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.2	142.2	213.4





#53

t-1,3-Dichloropropene

Concen: 17.196 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampled :

VN0923WBSD01

Tgt Ion: 75 Resp: 148681

Ion Ratio Lower Upper

75 100

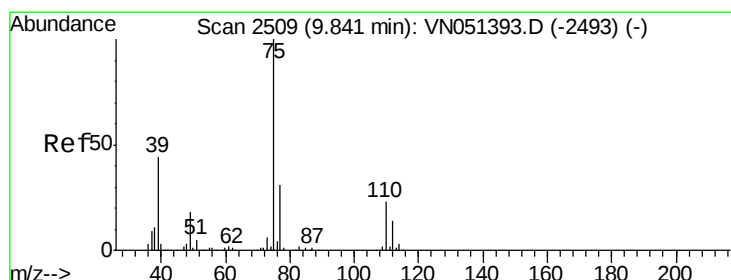
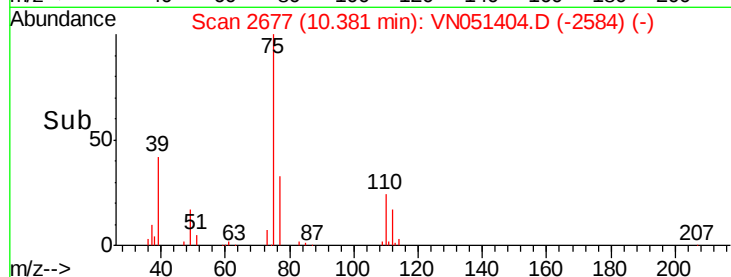
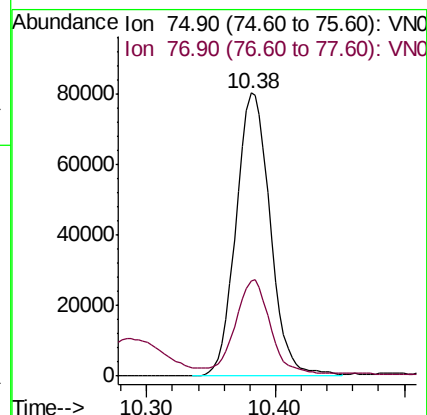
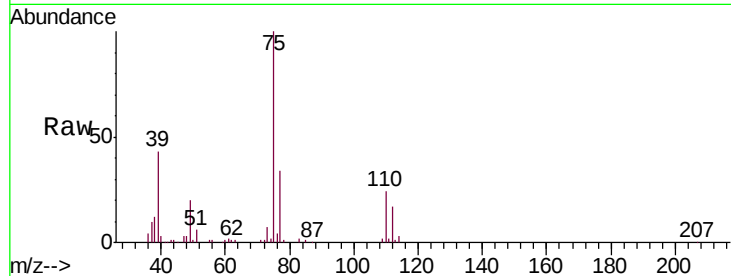
77 32.7 25.8 38.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 17.471 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

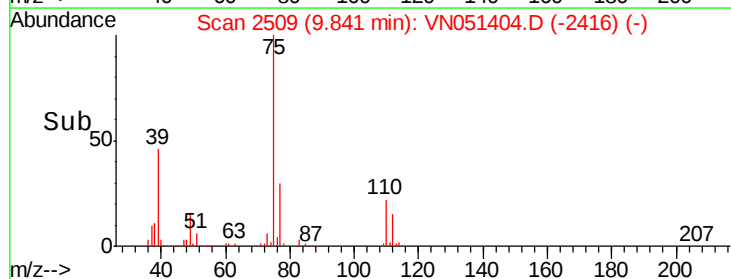
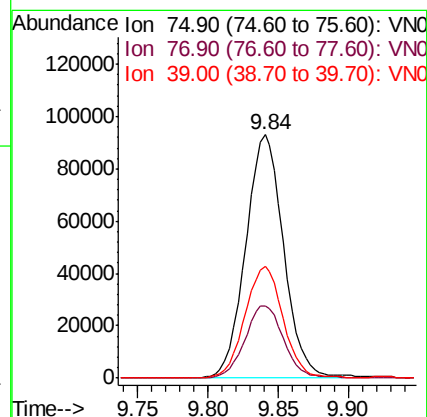
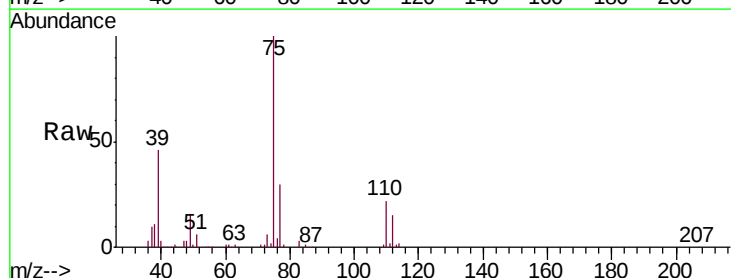
Tgt Ion: 75 Resp: 175184

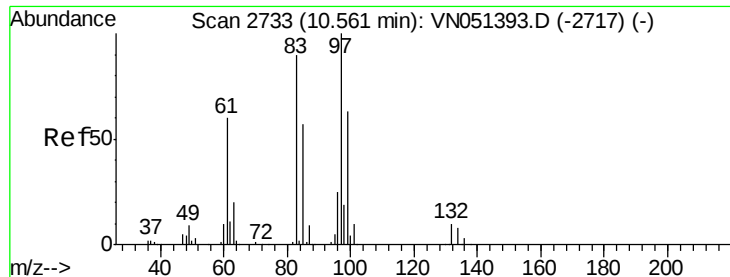
Ion Ratio Lower Upper

75 100

77 29.9 25.2 37.8

39 45.8 35.4 53.2





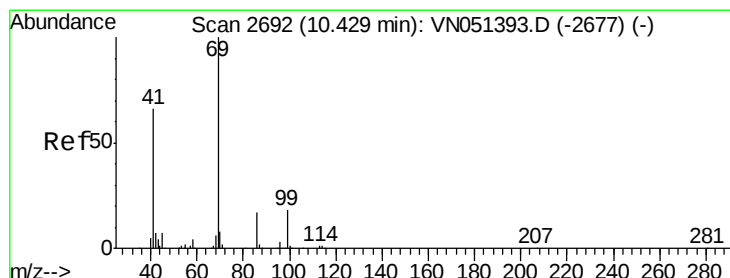
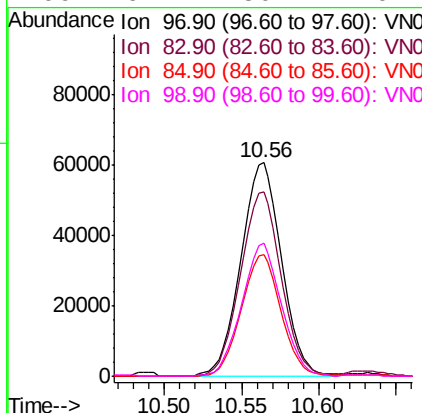
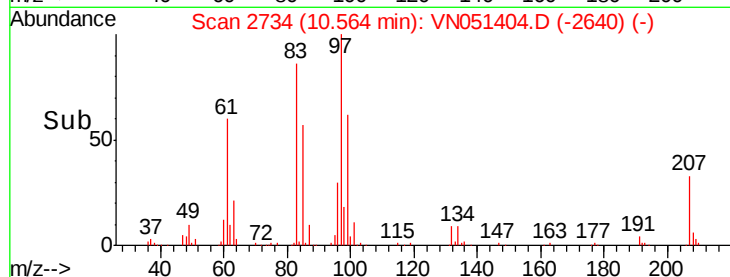
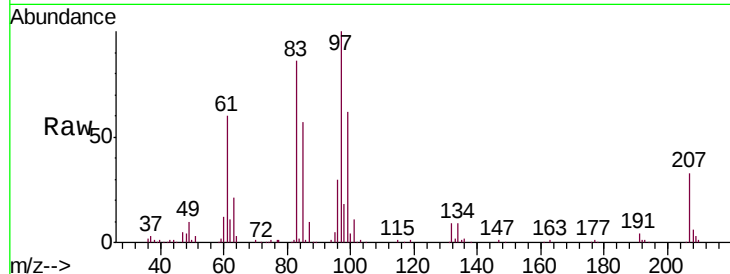
#55
 1,1,2-Trichloroethane
 Concen: 20.058 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

Tgt Ion:	97	Resp:	111005
Ion	Ratio	Lower	Upper
97	100		
83	86.3	72.0	108.0
85	56.9	45.2	67.8
99	62.1	50.7	76.1

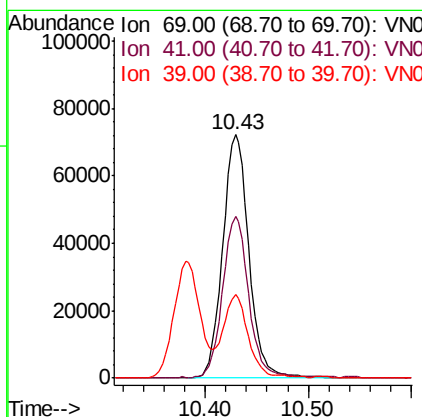
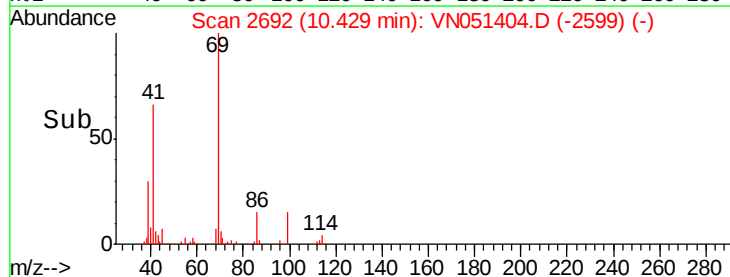
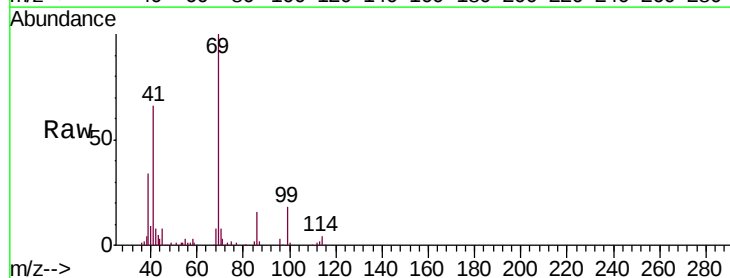
Manual Integrations
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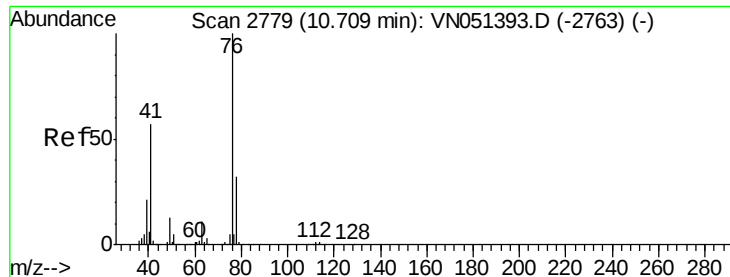
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#56
 Ethyl methacrylate
 Concen: 18.874 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion:	69	Resp:	127708
Ion	Ratio	Lower	Upper
69	100		
41	65.5	52.4	78.6
39	33.1	26.3	39.5





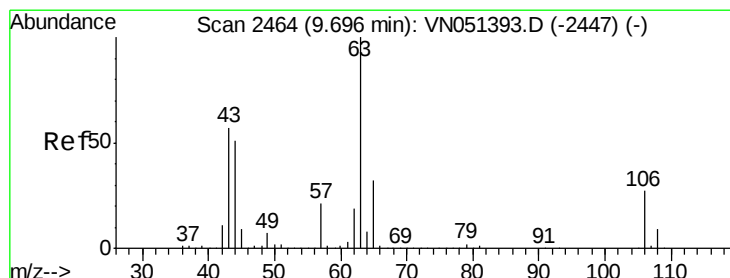
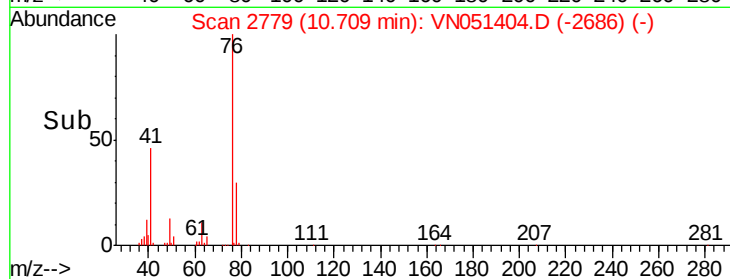
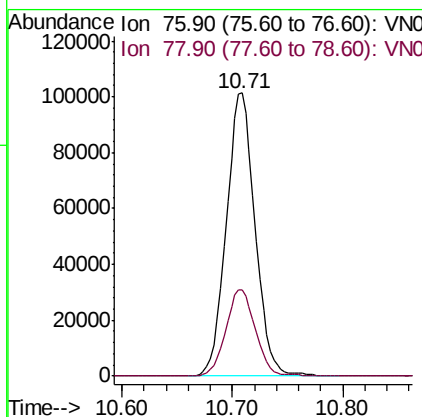
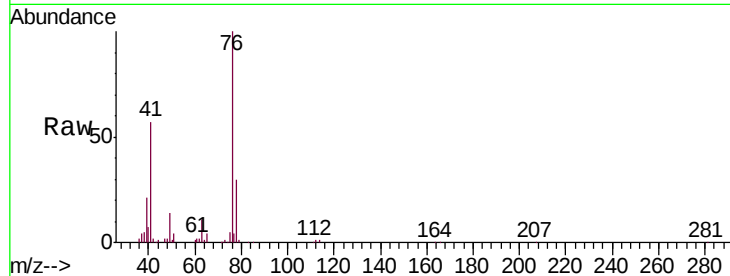
#57
 1,3-Dichloropropane
 Concen: 19.281 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Instrument :
 MSVOA_N
 ClientSampled :
 VN0923WBSD01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	31.5	25.5	38.3

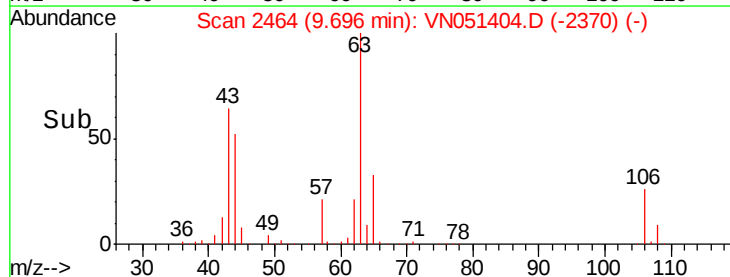
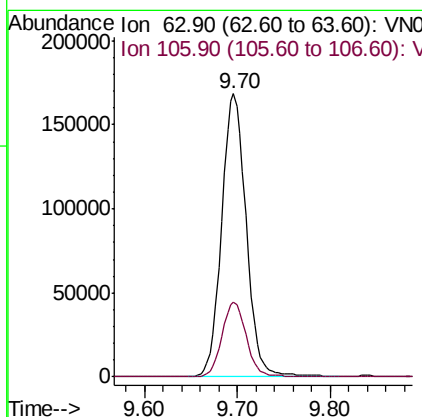
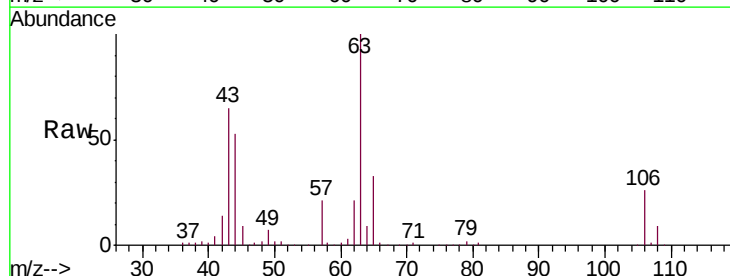
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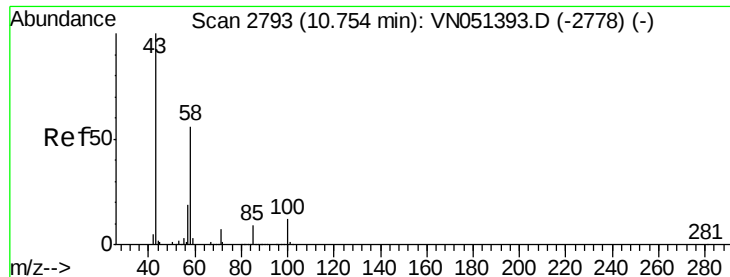
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#58
 2-Chloroethyl Vinyl ether
 Concen: 97.966 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.2	21.4	32.2





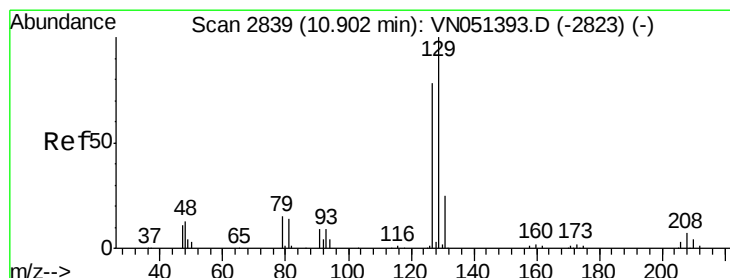
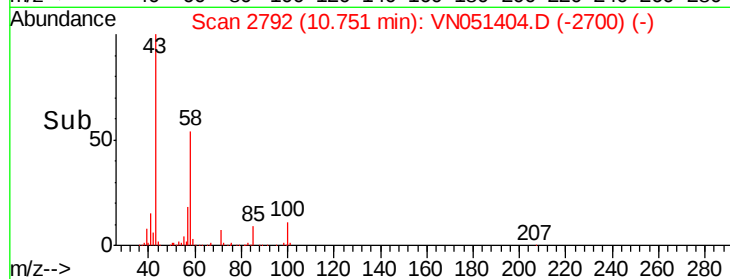
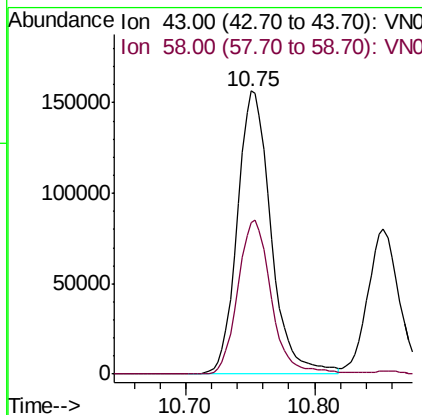
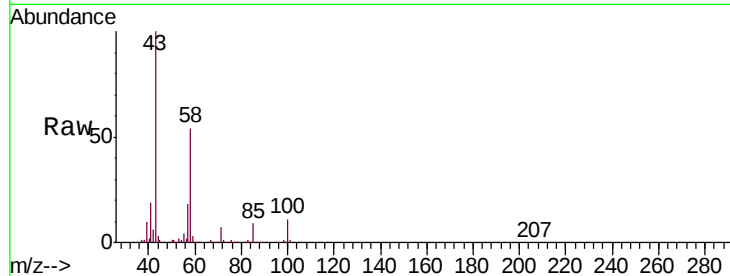
#59
2-Hexanone
Concen: 89.276 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion: 43 Resp: 283980
Ion Ratio Lower Upper
43 100
58 54.2 27.7 83.0

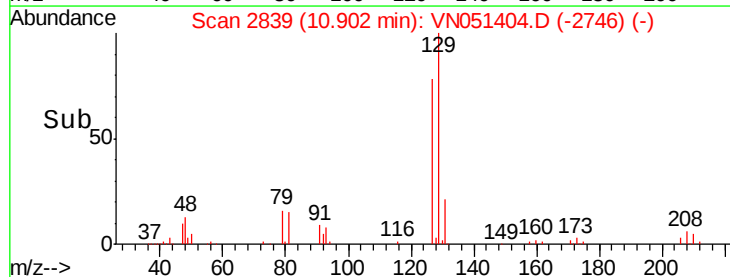
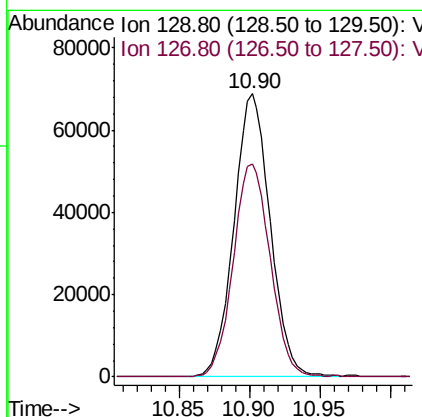
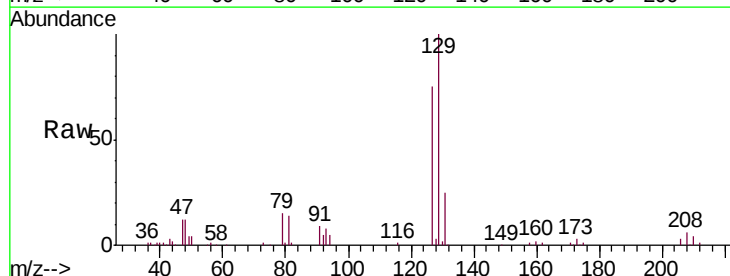
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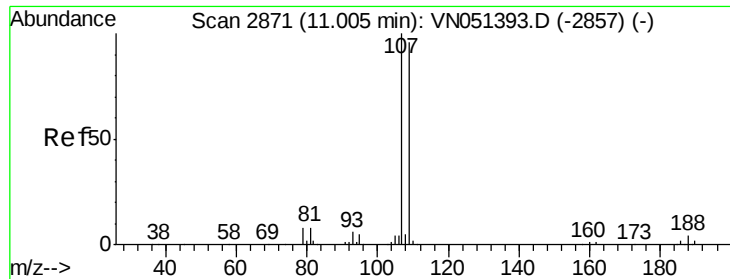
apatel
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#60
Dibromochloromethane
Concen: 19.013 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion: 129 Resp: 124150
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





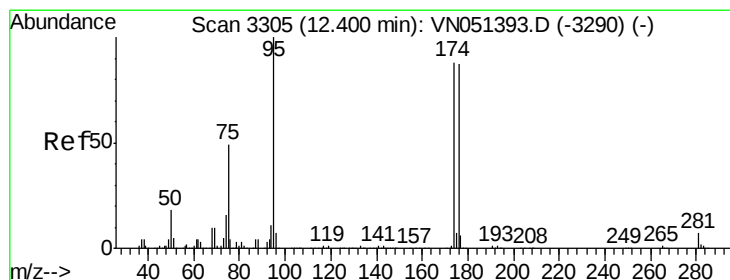
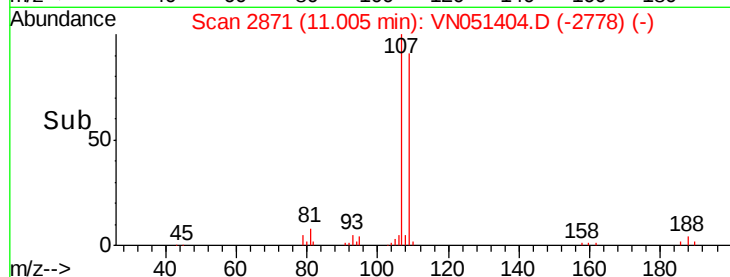
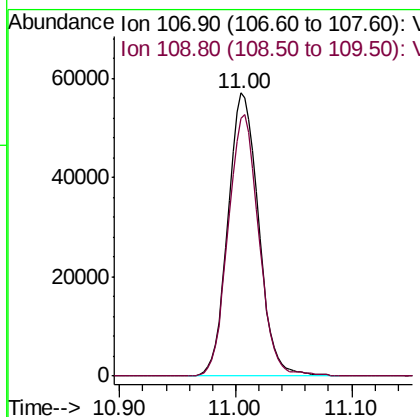
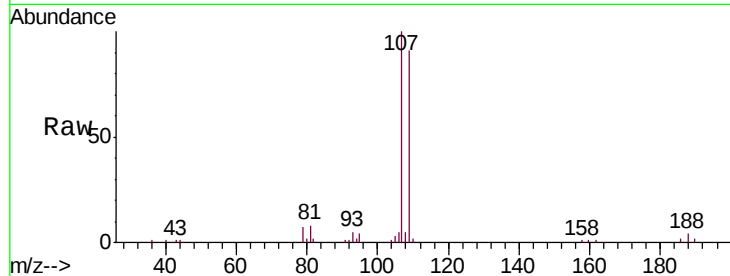
#61
 1,2-Dibromoethane
 Concen: 19.359 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	104002		
109	92.7	76.3	114.5	

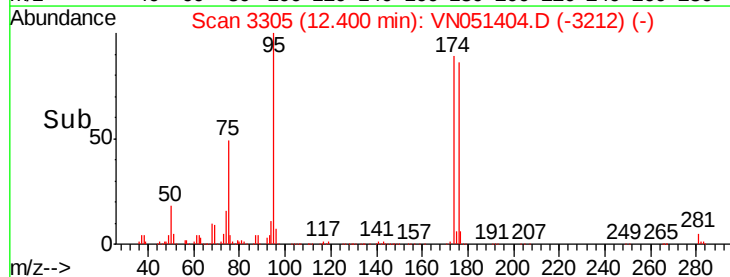
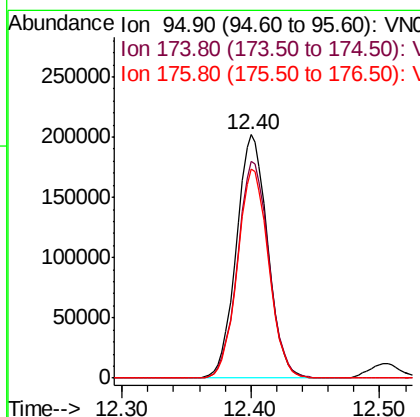
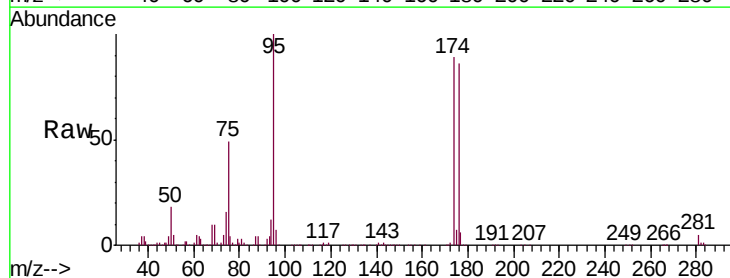
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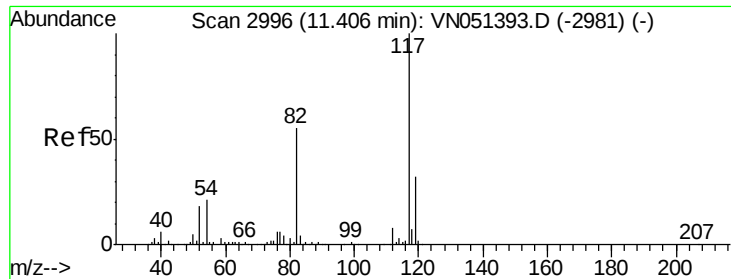
apatel
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#62
 4-Bromofluorobenzene
 Concen: 47.184 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	340610		
174	89.3	0.0	181.6	
176	85.5	0.0	176.4	





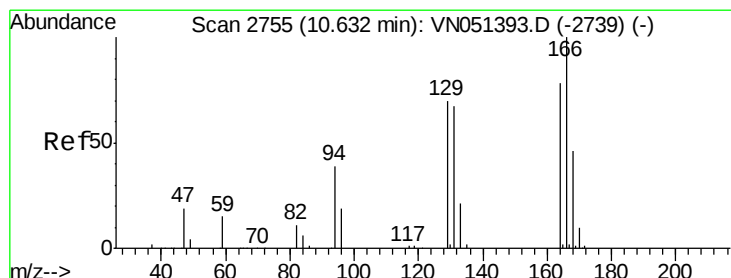
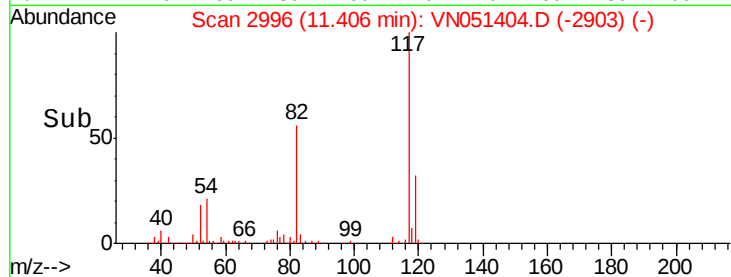
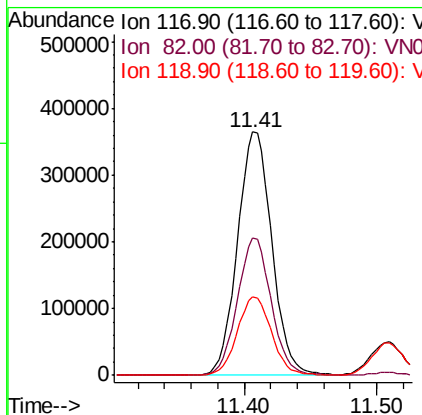
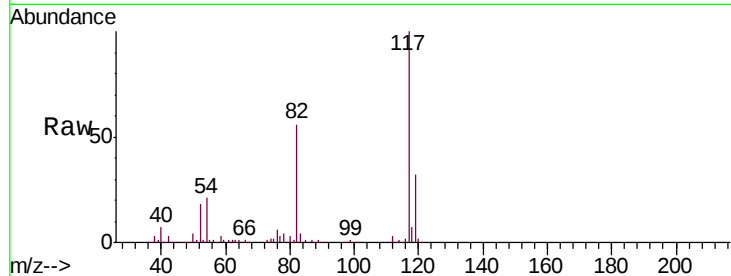
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	56.5	44.2	66.2
119	32.5	25.9	38.9

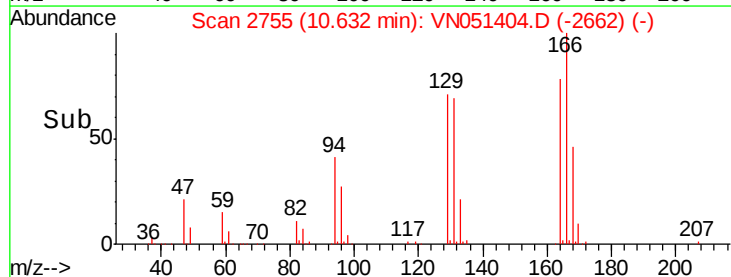
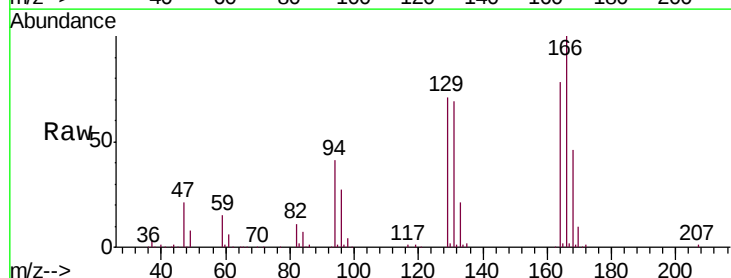
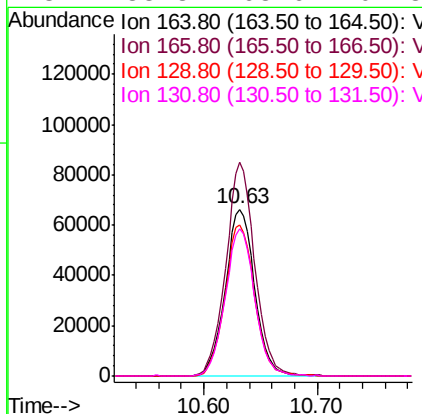
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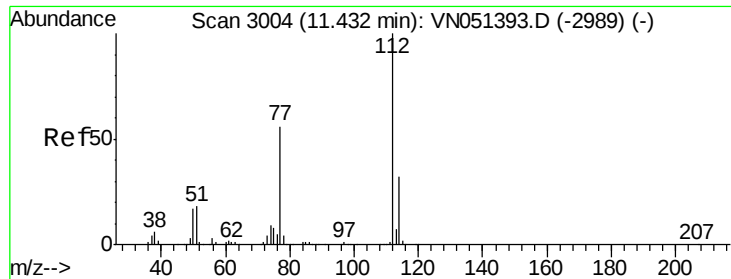
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#64
Tetrachloroethene
Concen: 20.062 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	128.0	102.3	153.5
129	90.8	71.8	107.8
131	88.3	68.6	102.8





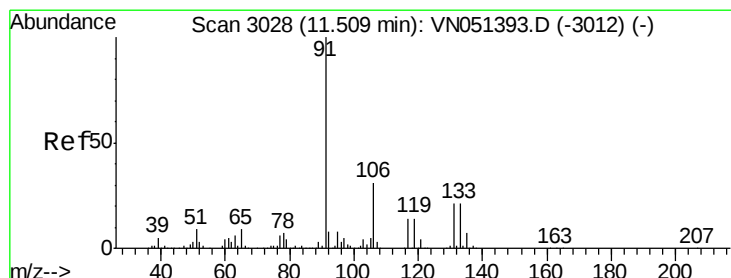
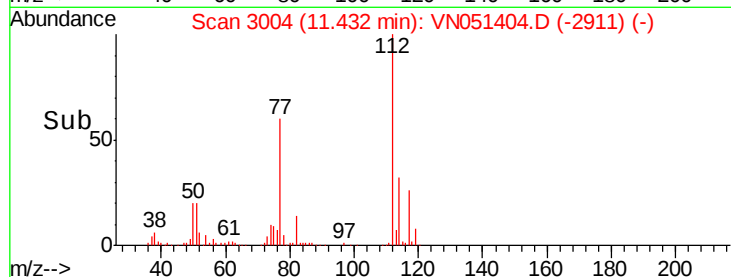
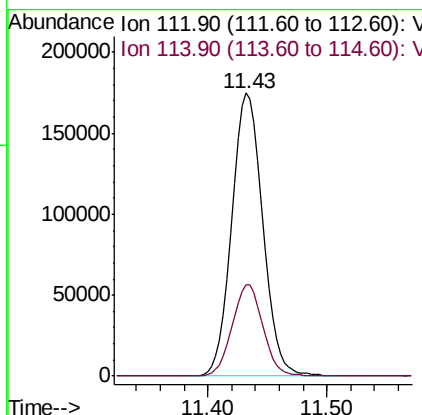
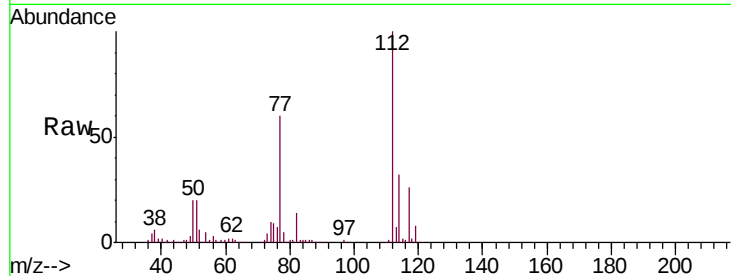
#65
Chlorobenzene
Concen: 18.779 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Instrument :
MSVOA_N
ClientSampled :
VN0923WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	316175		
114	32.4	25.4	38.2	

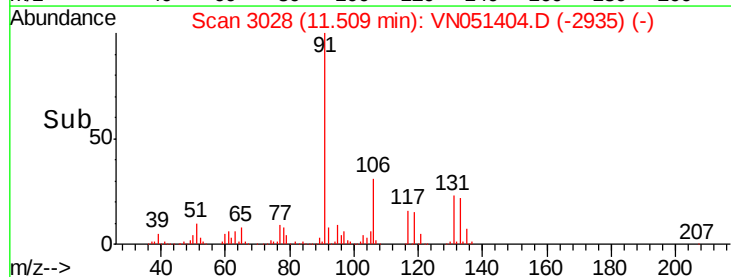
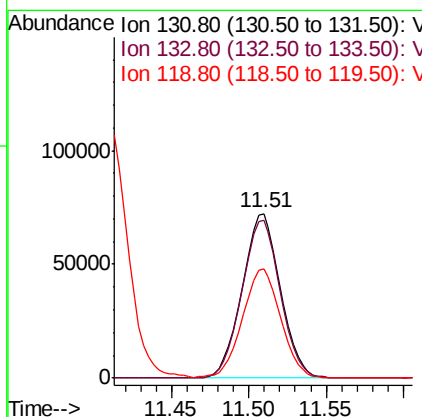
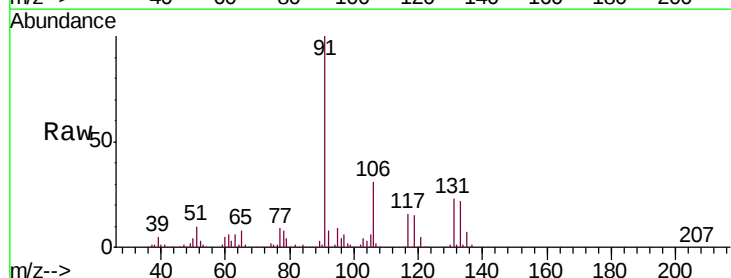
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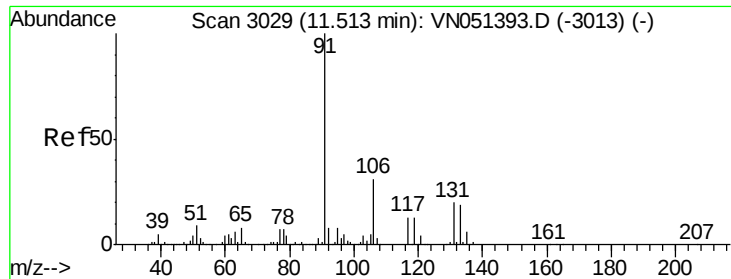
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.414 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	124537		
133	96.3	48.3	144.8	
119	66.7	32.8	98.4	





#67

Ethyl Benzene

Concen: 18.800 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

Tgt Ion: 91 Resp: 533446

Ion Ratio Lower Upper

91 100

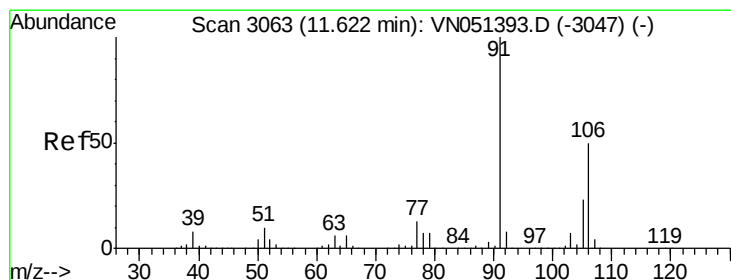
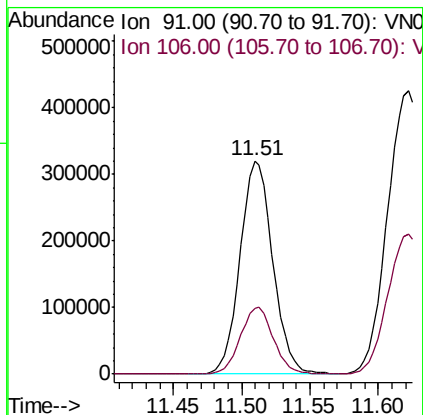
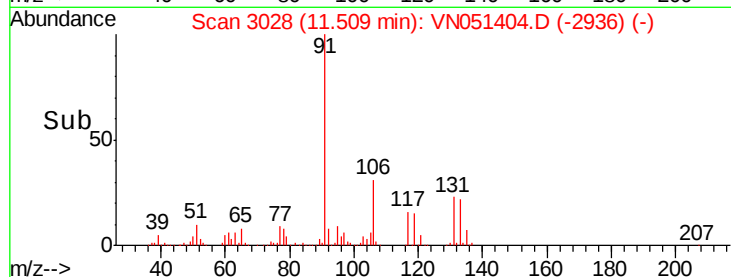
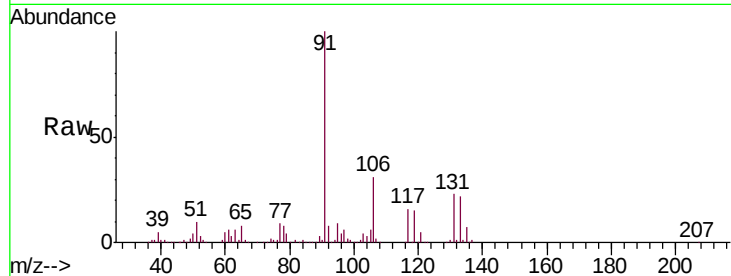
106 31.0 25.0 37.4

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#68

m/p-Xylenes

Concen: 37.546 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN051404.D

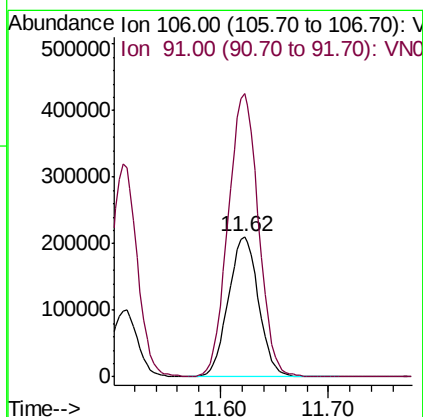
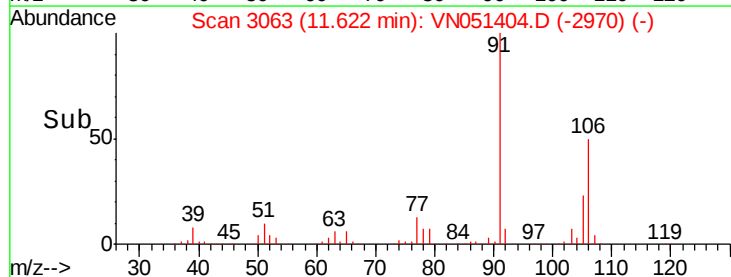
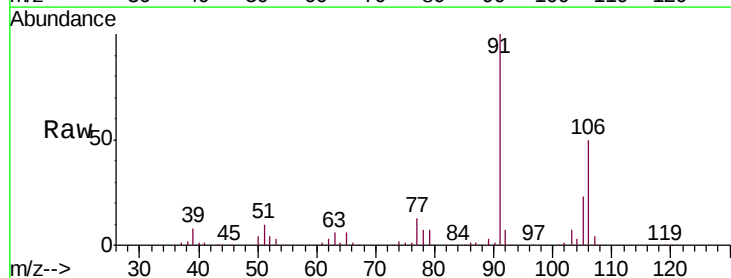
Acq: 23 Sep 2018 11:31

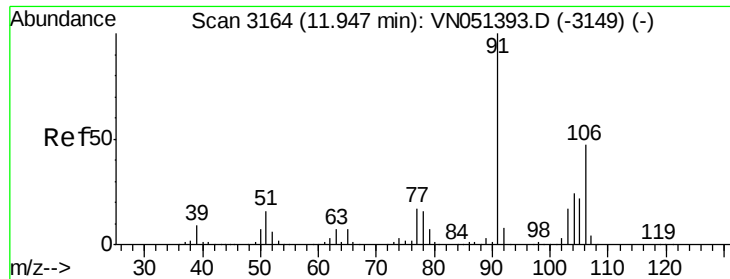
Tgt Ion: 106 Resp: 412093

Ion Ratio Lower Upper

106 100

91 202.8 161.3 241.9





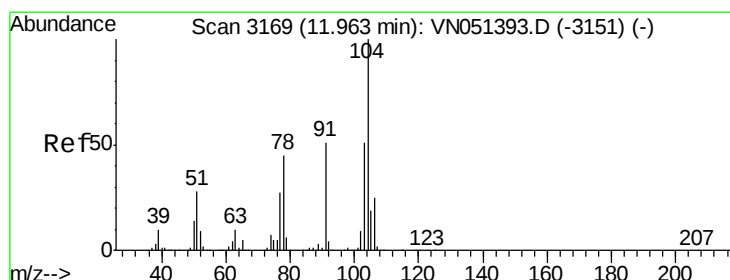
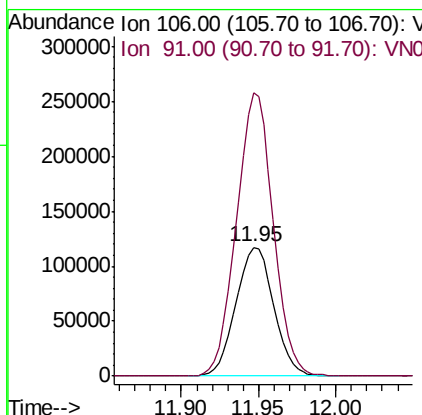
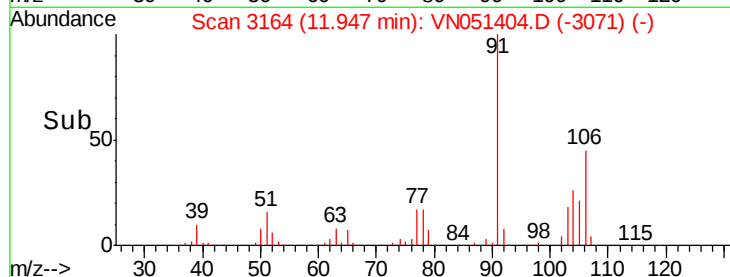
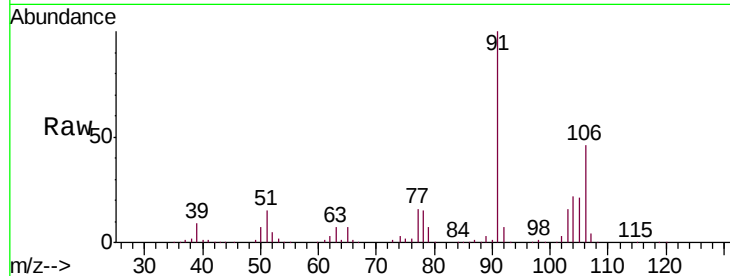
#69
o-Xylene
Concen: 18.888 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion:106 Resp: 199295
Ion Ratio Lower Upper
106 100
91 213.3 105.3 315.9

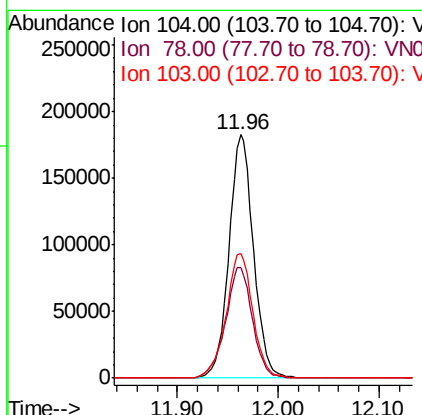
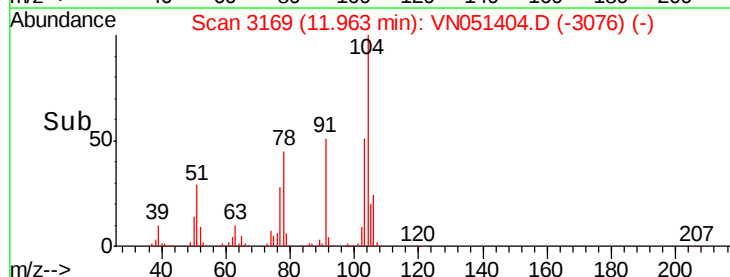
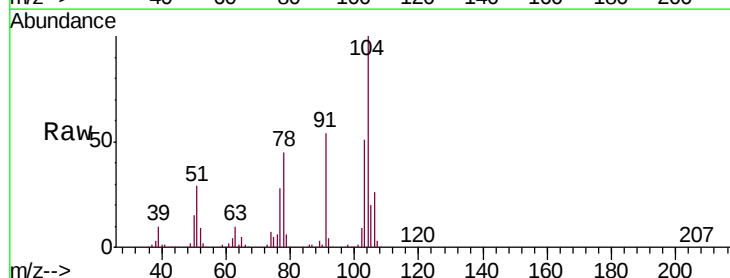
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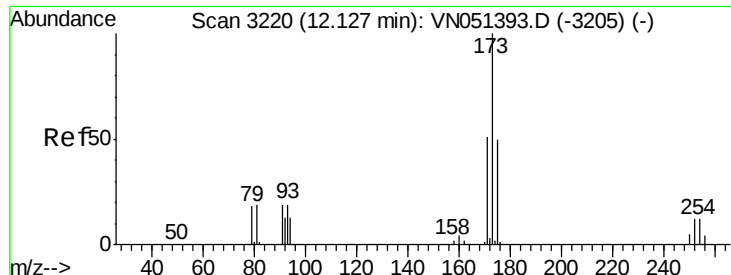
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#70
Styrene
Concen: 18.506 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion:104 Resp: 309411
Ion Ratio Lower Upper
104 100
78 50.1 39.9 59.9
103 55.9 44.6 66.8





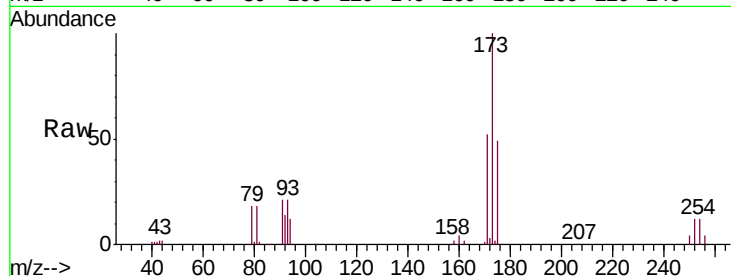
#71
Bromoform
Concen: 18.947 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.8	74.3
254	0.0	0.2	0.2

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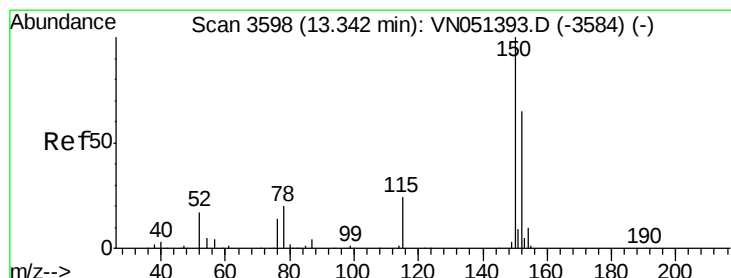
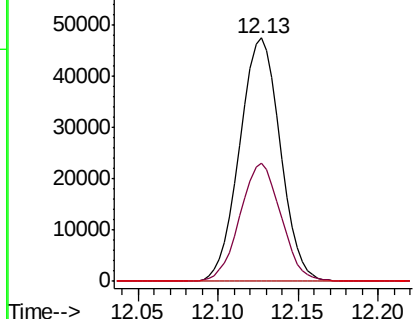
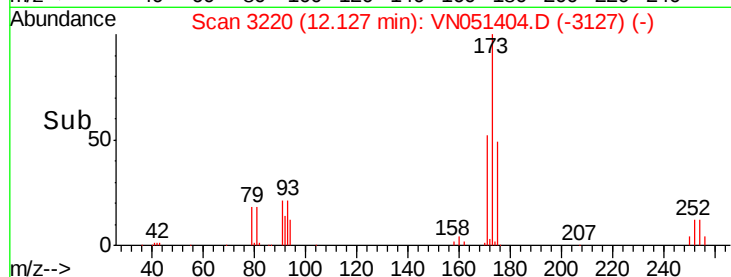


Abundance

Ion 172.70 (172.40 to 173.40): V

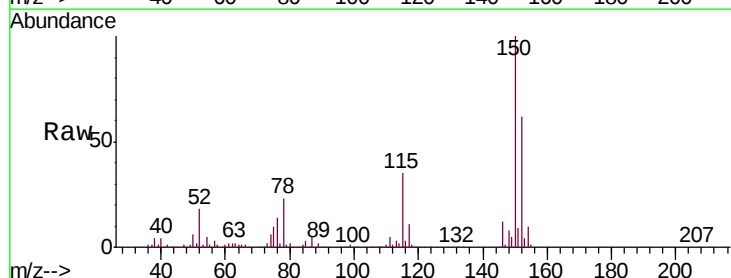
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.3	84.9
150	165.2	0.0	353.6

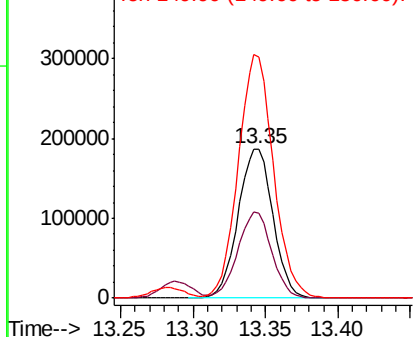
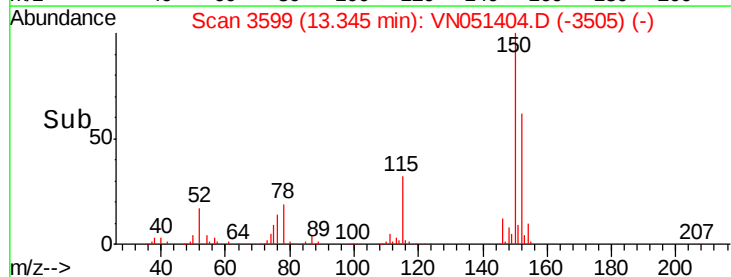


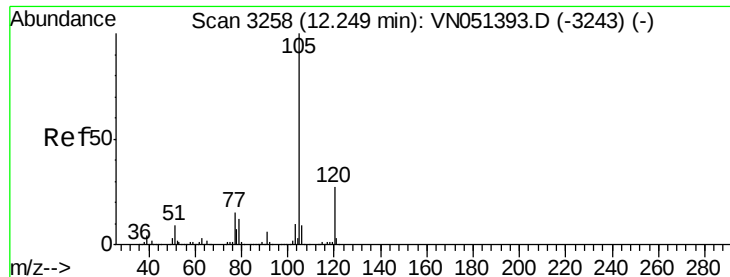
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.022 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

Tgt Ion: 105 Resp: 526357

Ion Ratio Lower Upper

105 100

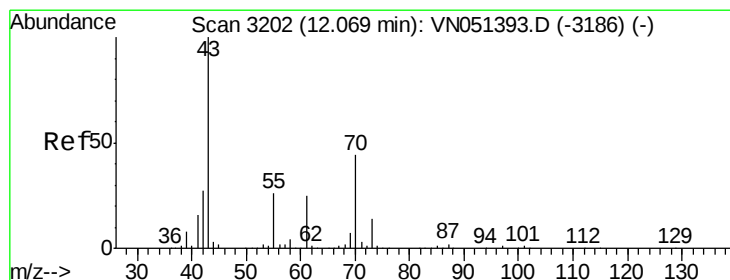
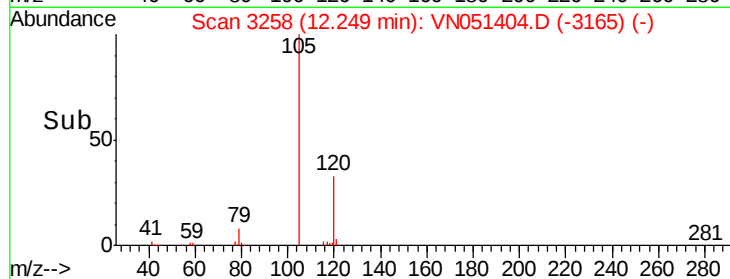
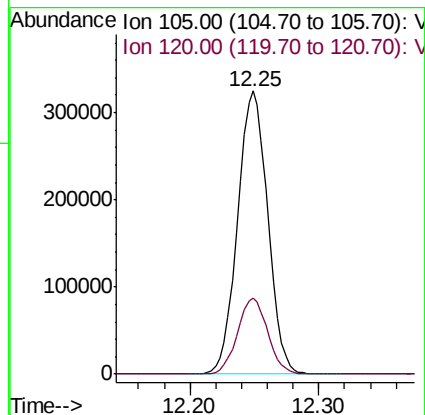
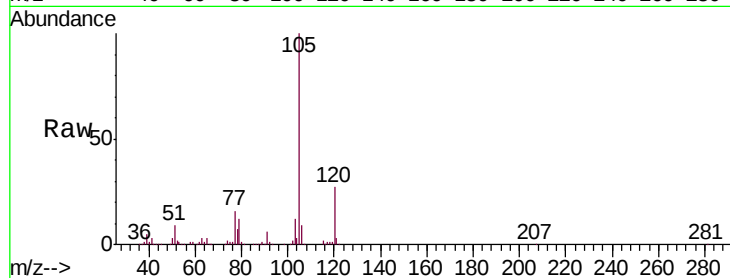
120 26.9 13.3 39.8

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#74

N-ethyl acetate

Concen: 19.697 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Tgt Ion: 43 Resp: 129926

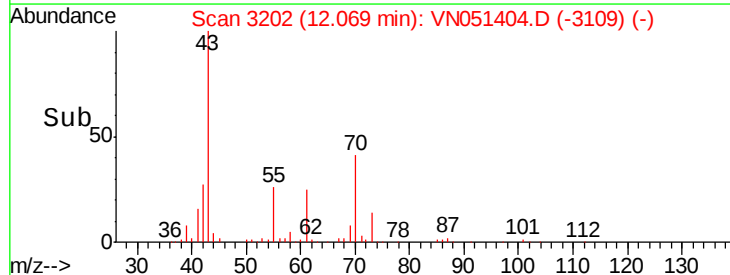
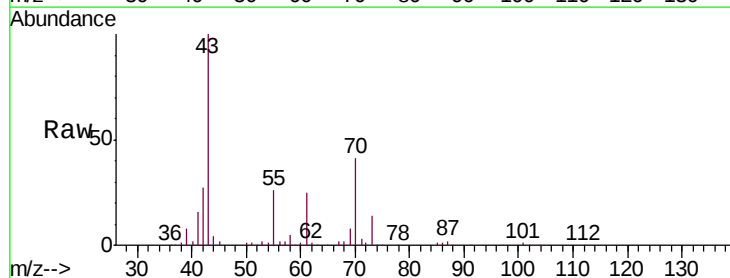
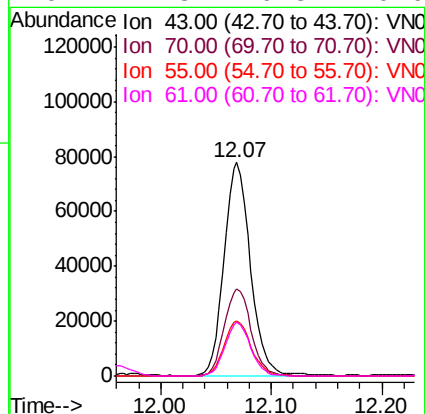
Ion Ratio Lower Upper

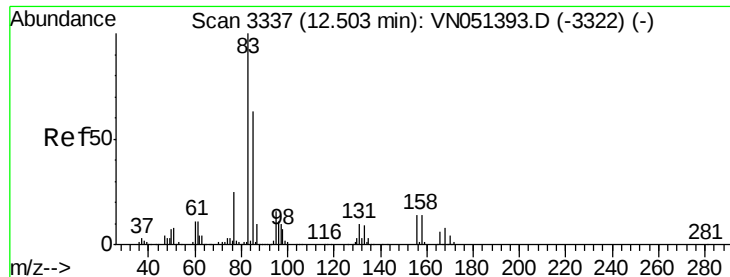
43 100

70 41.1 35.0 52.4

55 26.5 21.4 32.2

61 24.3 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.434 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

Tgt Ion: 83 Resp: 125272
Ion Ratio Lower Upper

83 100

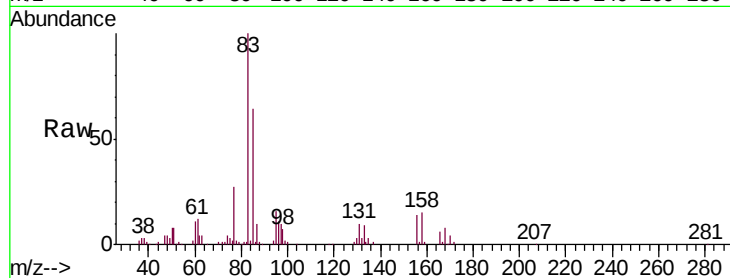
131 11.0 5.3 15.9

85 65.1 31.6 95.0

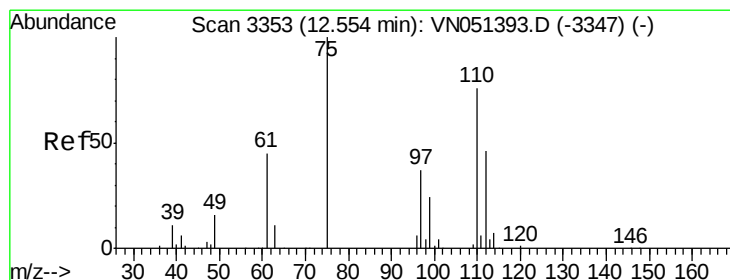
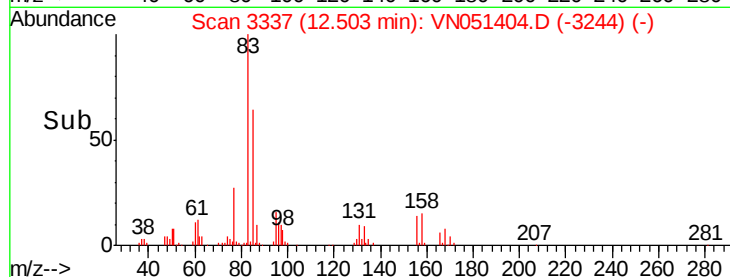
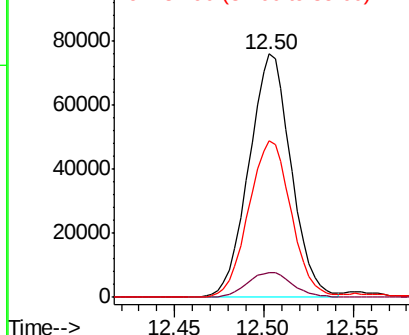
Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 21.090 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

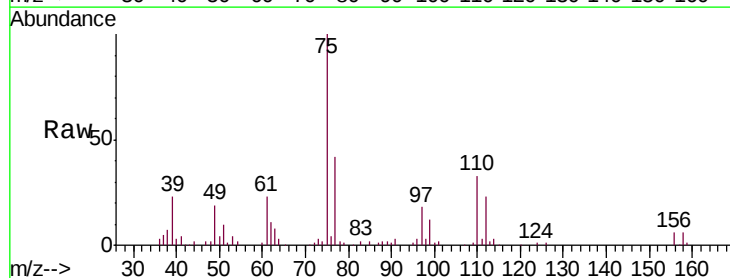
Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

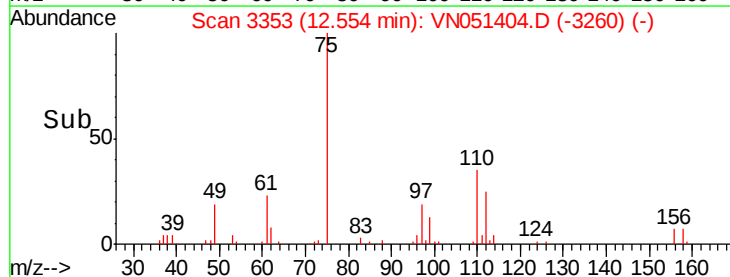
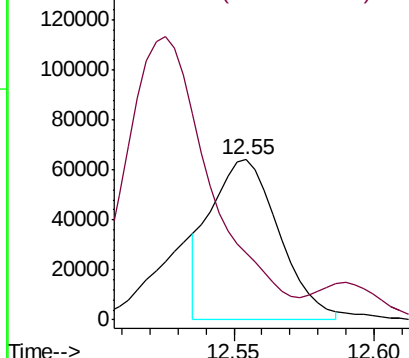
Tgt Ion: 75 Resp: 109089
Ion Ratio Lower Upper

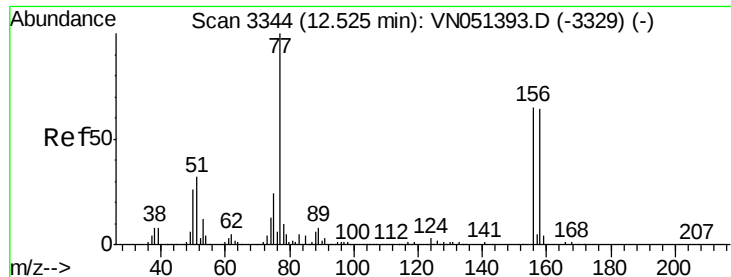
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 19.813 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

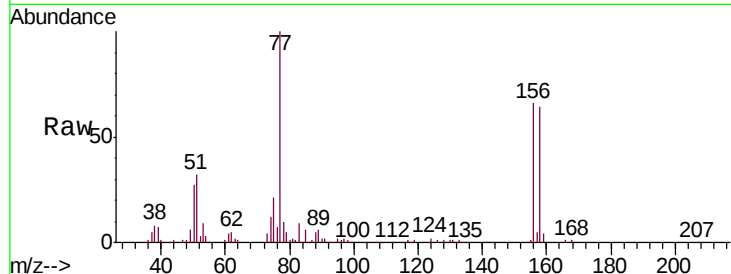
ClientSampleId :

VN0923WBSD01

Tgt Ion:	156	Resp:	131857
Ion Ratio	Lower	Upper	
156	100		
77	181.9	89.5	268.4
158	97.6	49.4	148.2

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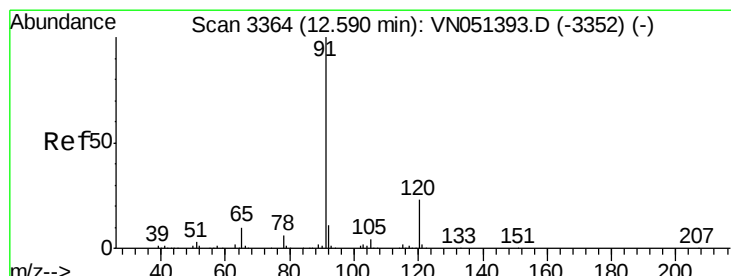
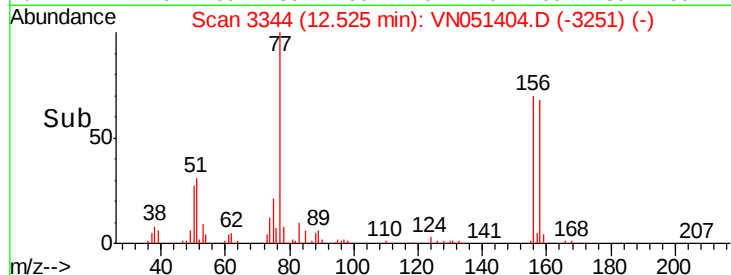
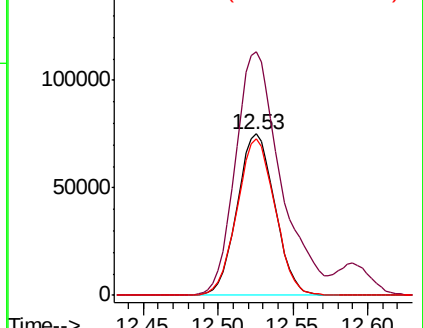
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.714 ug/l

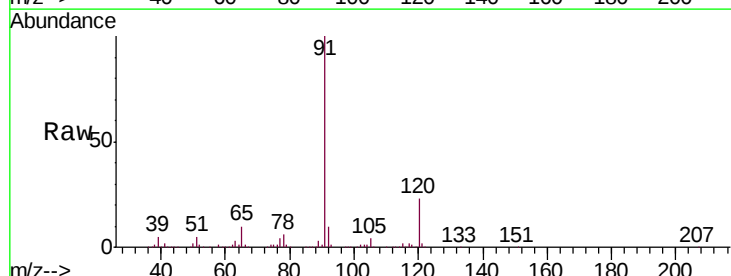
RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051404.D

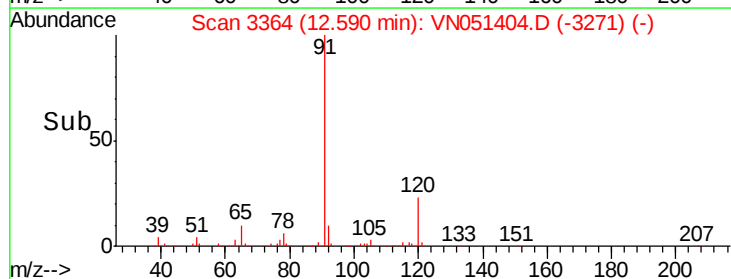
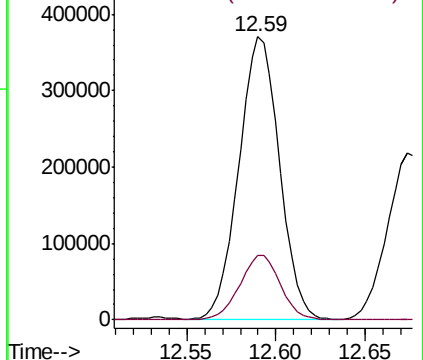
Acq: 23 Sep 2018 11:31

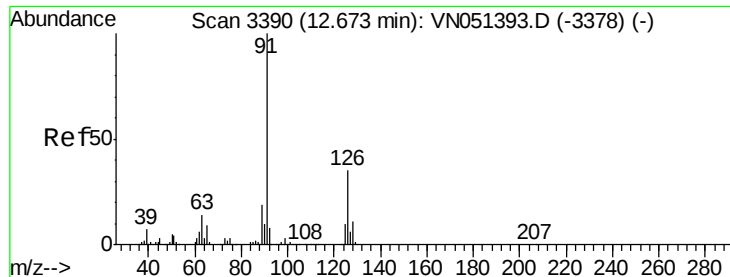
Tgt Ion:	91	Resp:	584091
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.134 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

Tgt Ion: 91 Resp: 357080

Ion Ratio Lower Upper

91 100

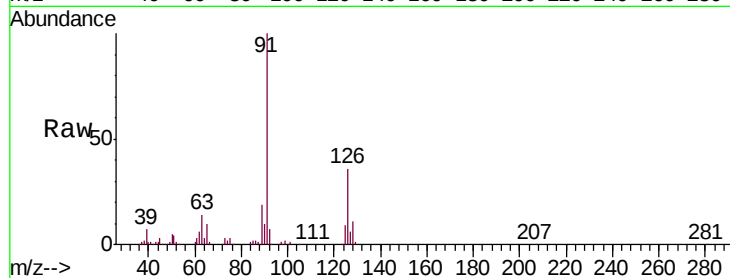
126 35.6 17.6 52.8

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Abundance Ion 91.00 (90.70 to 91.70): VN051393.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN051393.D (-3378) (-)

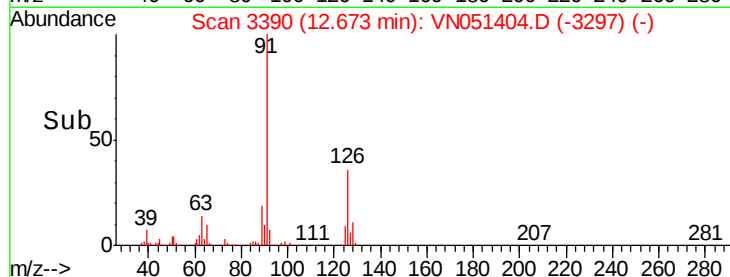
300000

200000

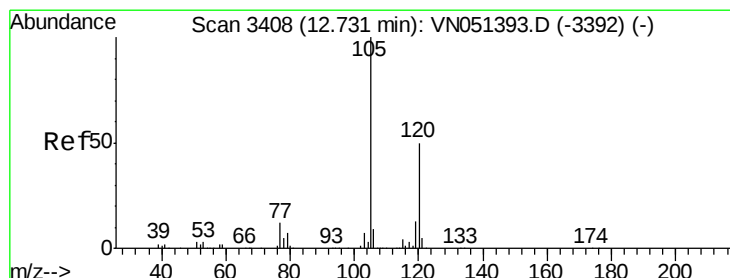
100000

0

12.60 12.65 12.70



Time--> 12.60 12.65 12.70



#80

1,3,5-Trimethylbenzene

Concen: 20.344 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051404.D

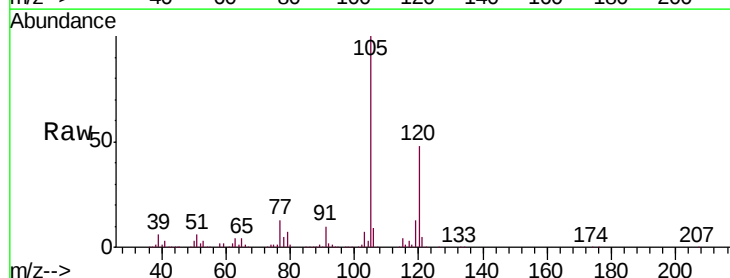
Acq: 23 Sep 2018 11:31

Tgt Ion: 105 Resp: 436106

Ion Ratio Lower Upper

105 100

120 49.1 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VN051393.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN051393.D (-3392) (-)

300000

250000

200000

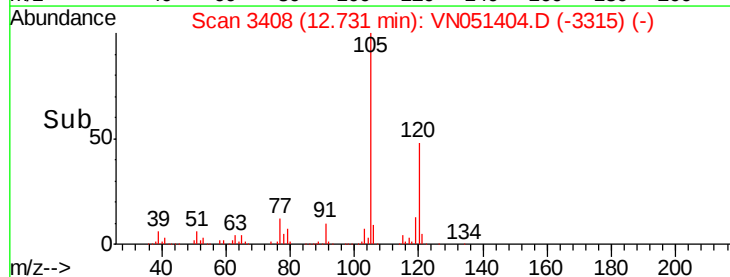
150000

100000

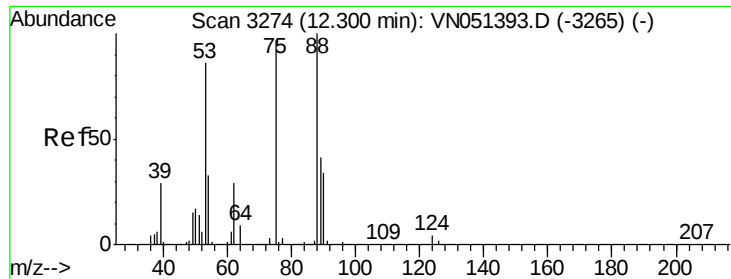
50000

0

12.65 12.70 12.75 12.80



Time--> 12.65 12.70 12.75 12.80



#81

trans-1,4-Dichloro-2-butene

Concen: 16.608 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

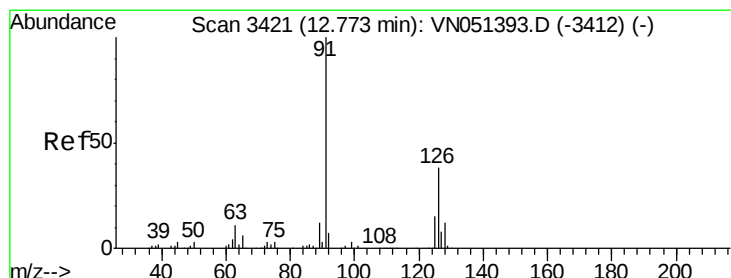
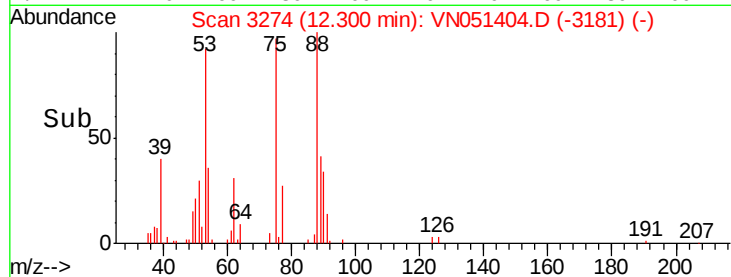
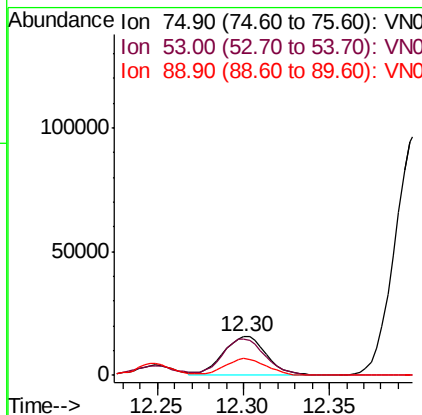
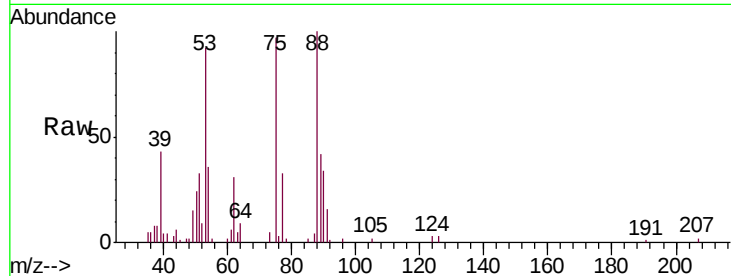
ClientSampleId :

VN0923WBSD01

Tgt Ion:	75	Resp:	27937
Ion Ratio	Lower	Upper	
75	100		
53	92.2	73.9	110.9
89	40.9	36.7	55.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.669 ug/l

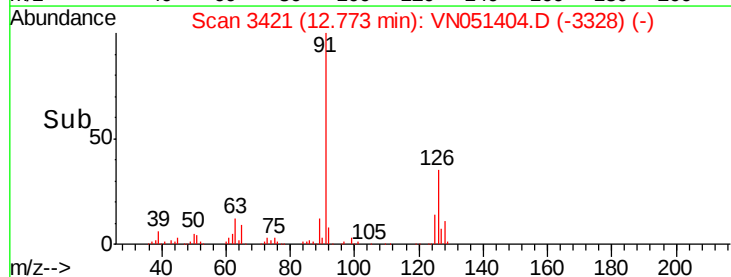
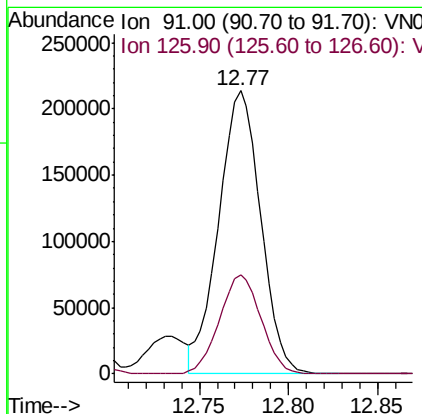
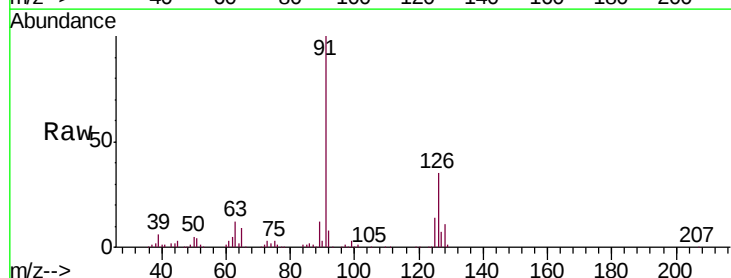
RT: 12.77 min Scan# 3421

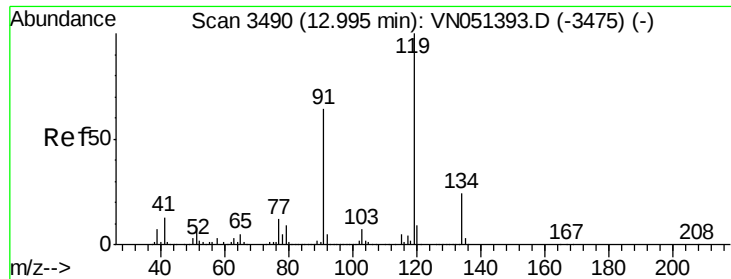
Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Tgt Ion:	91	Resp:	348173
Ion Ratio	Lower	Upper	
91	100		
126	34.7	17.5	52.5





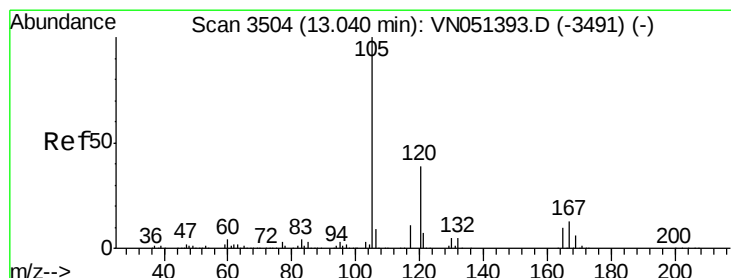
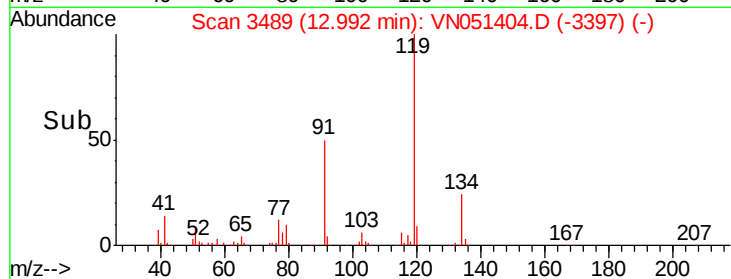
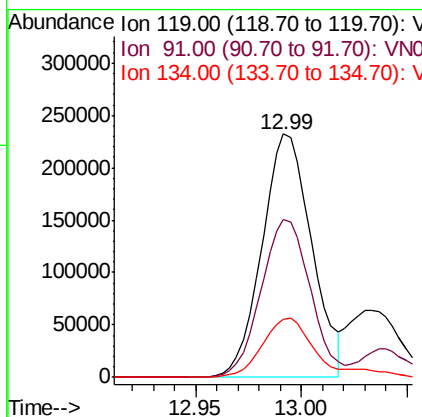
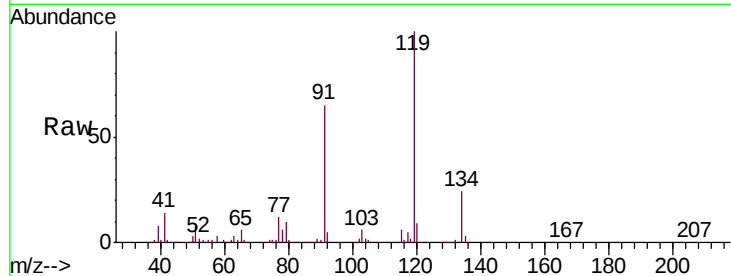
#83
 tert-Butylbenzene
 Concen: 19.964 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Instrument :
 MSVOA_N
 ClientSampled :
 VN0923WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	380919		
91	64.5	31.7	95.1	
134	24.3	12.3	36.9	

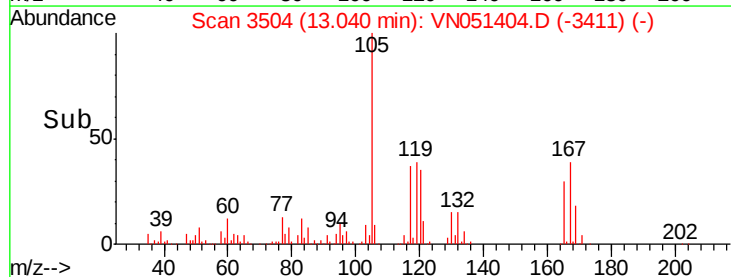
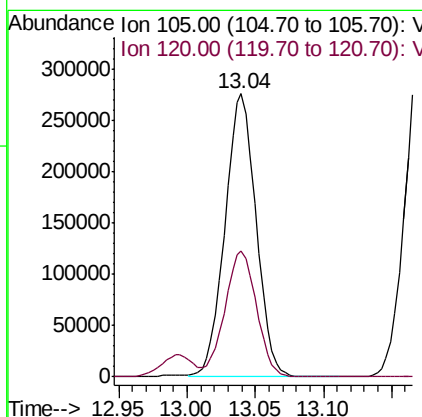
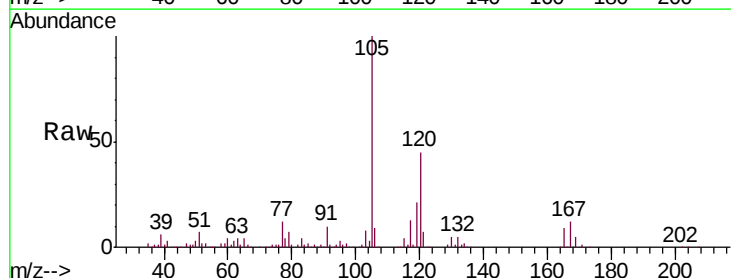
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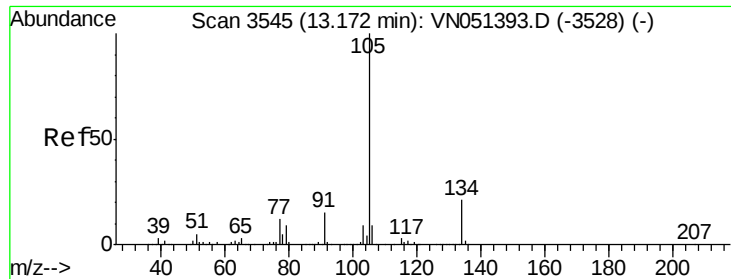
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.255 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	437528		
120	45.2	22.9	68.7	





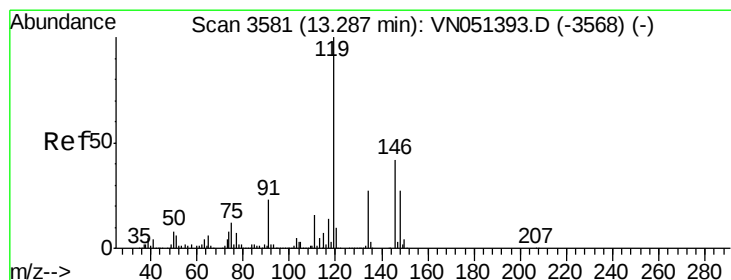
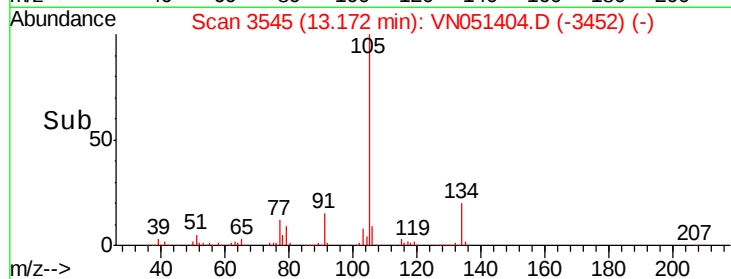
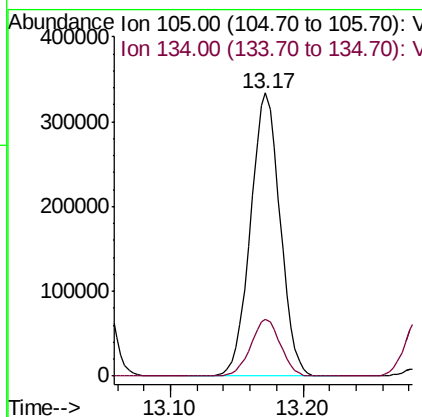
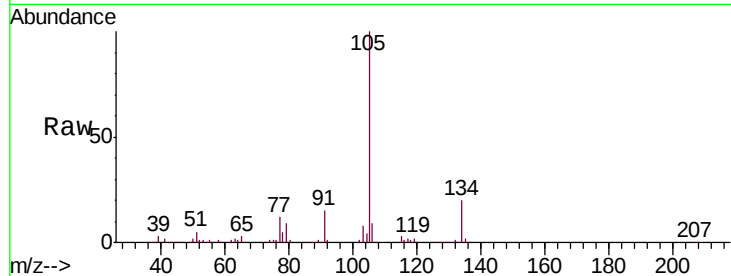
#85
 sec-Butylbenzene
 Concen: 20.072 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Instrument :
 MSVOA_N
 ClientSampled :
 VN0923WBSD01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.4	31.1

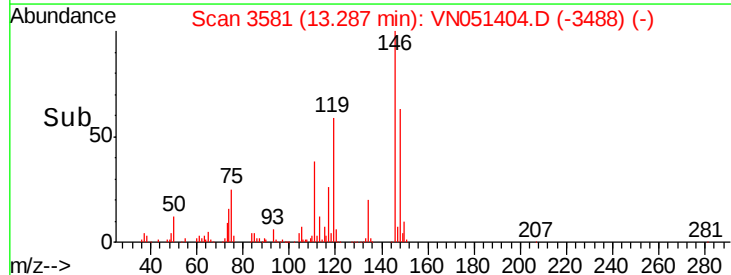
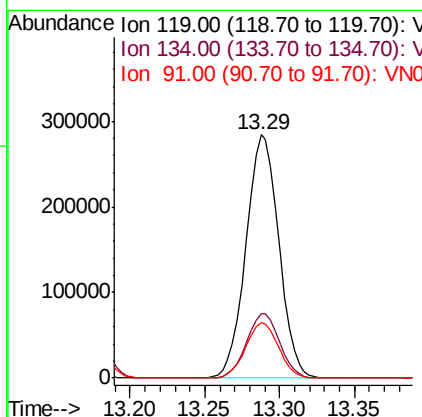
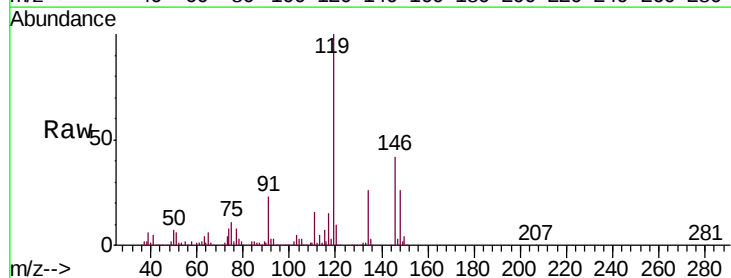
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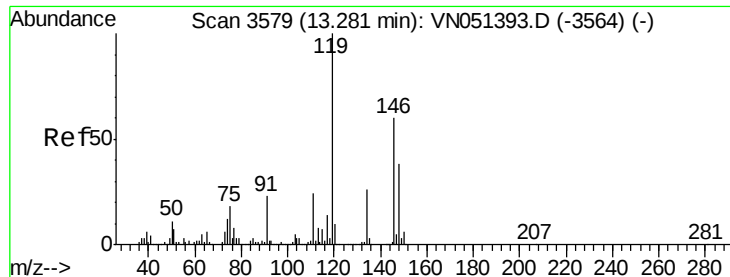
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#86
 p-Isopropyltoluene
 Concen: 19.379 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.3	39.9
91	22.9	11.4	34.2





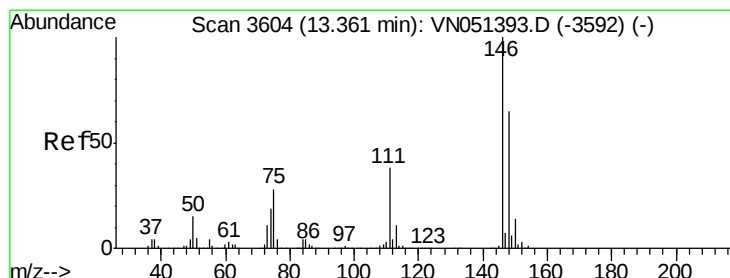
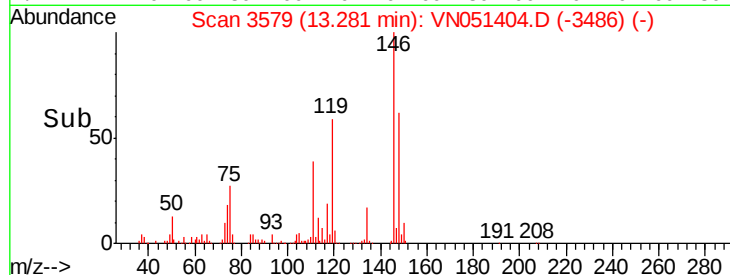
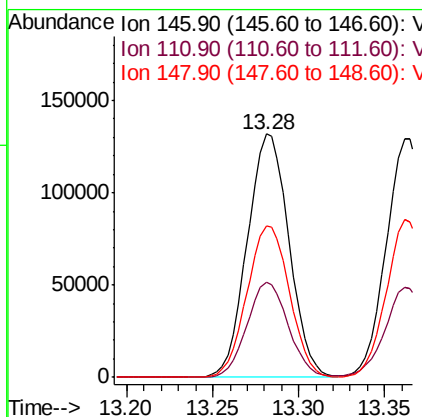
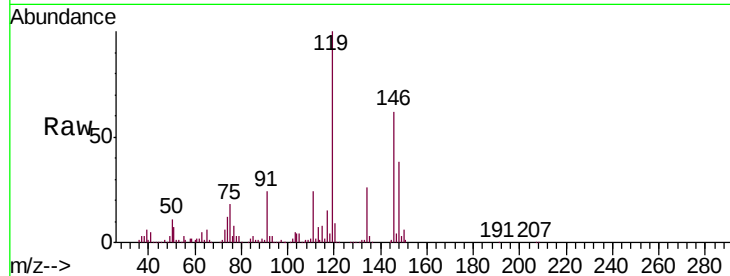
#87
 1,3-Dichlorobenzene
 Concen: 19.279 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	222029		
111	38.5	19.7	59.1	
148	63.3	31.9	95.7	

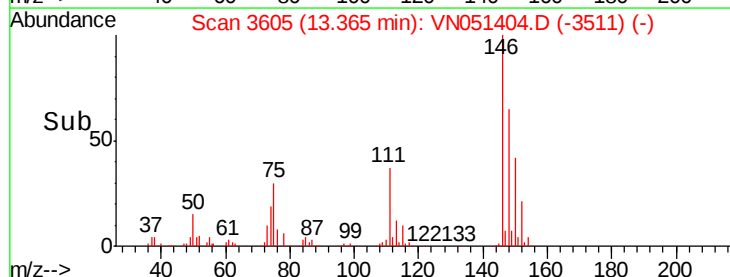
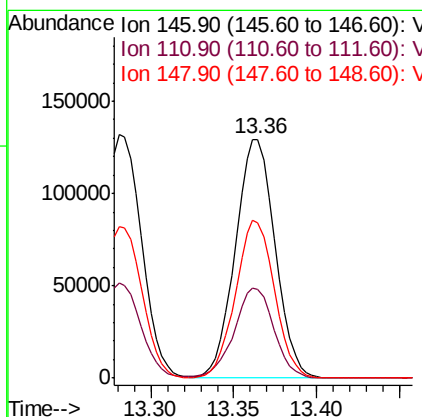
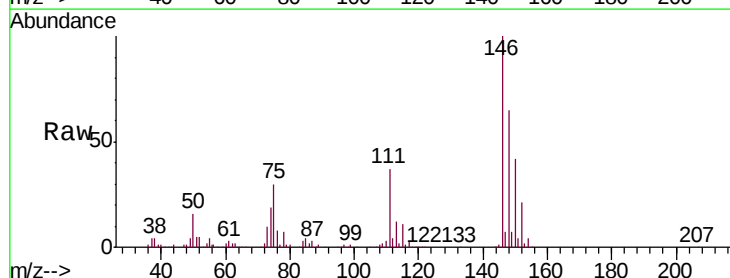
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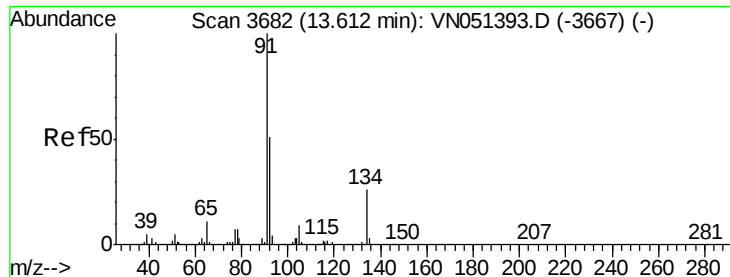
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#88
 1,4-Dichlorobenzene
 Concen: 19.429 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	215299		
111	38.0	19.1	57.1	
148	64.8	32.5	97.5	





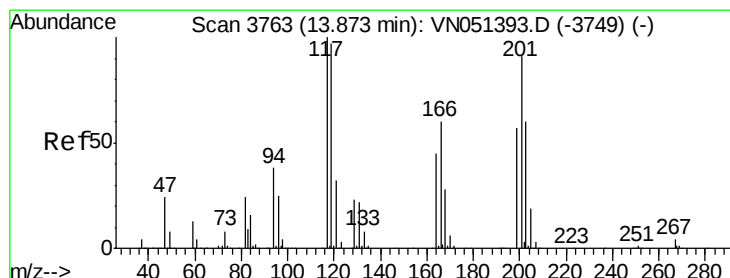
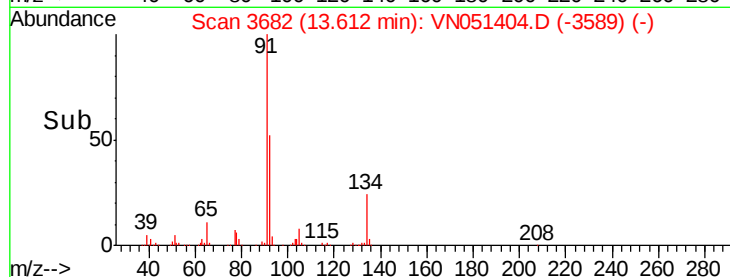
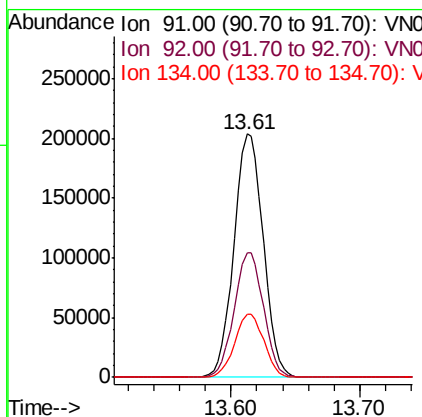
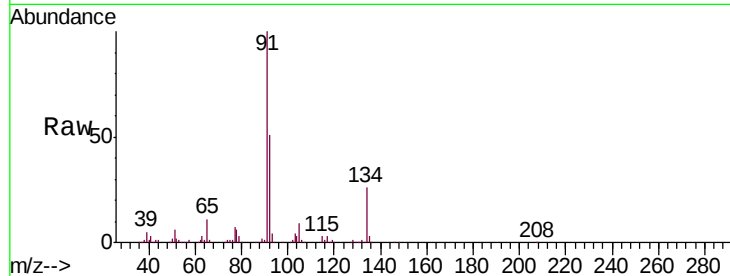
#89
n-Butylbenzene
Concen: 17.517 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Instrument :
MSVOA_N
ClientSampled :
VN0923WBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.1	25.5	76.5
134	25.8	13.3	39.8

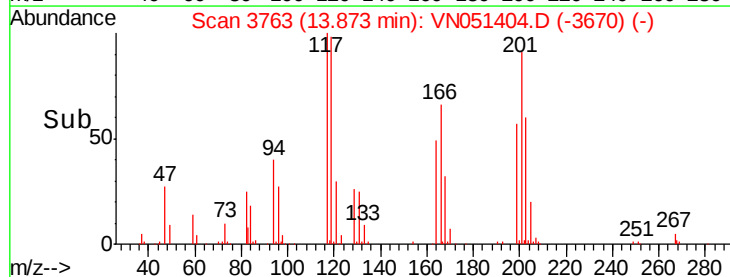
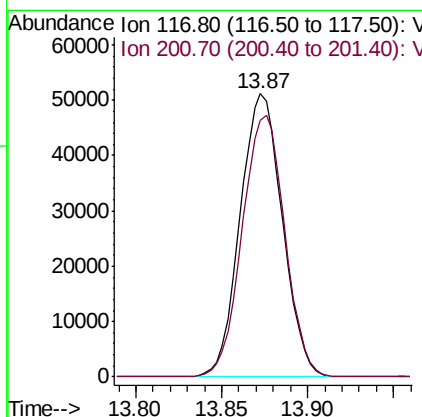
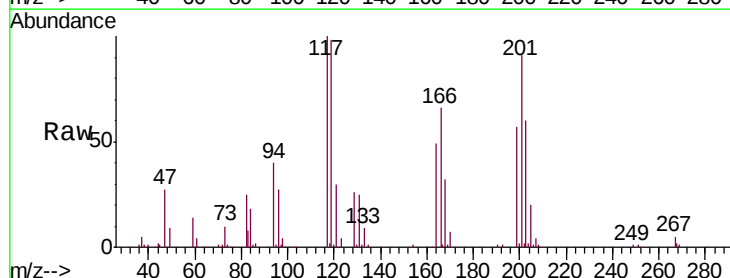
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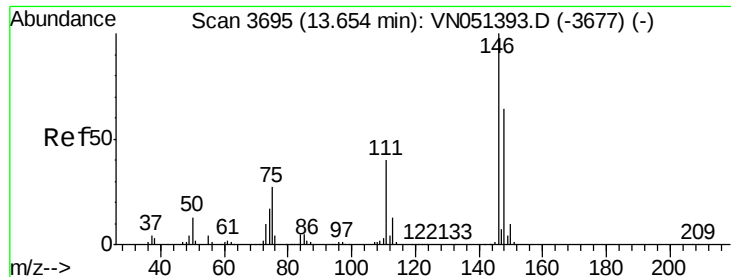
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#90
Hexachloroethane
Concen: 19.622 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.9	45.5	136.4





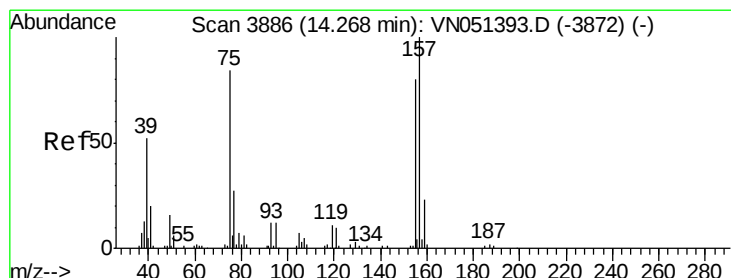
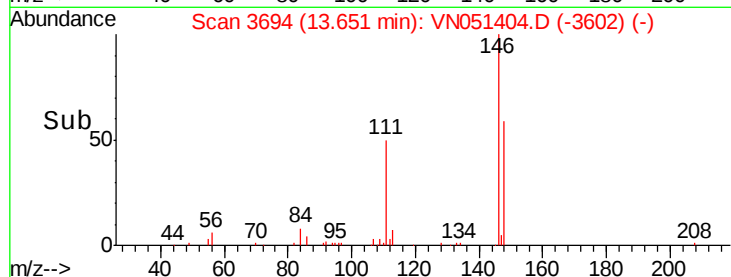
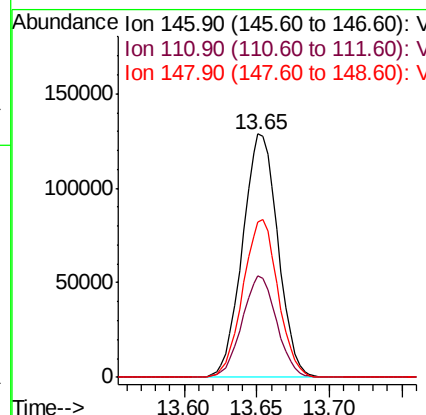
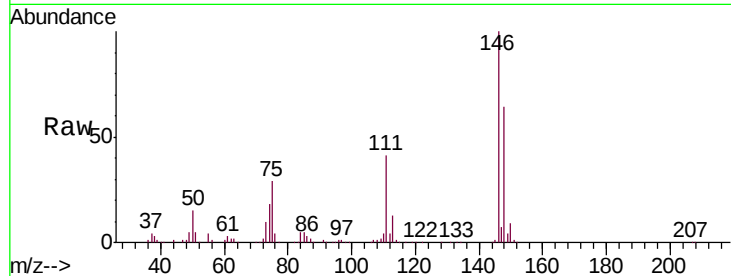
#91
 1,2-Dichlorobenzene
 Concen: 19.557 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	218532		
111	40.4	20.0	60.0	
148	64.3	32.1	96.5	

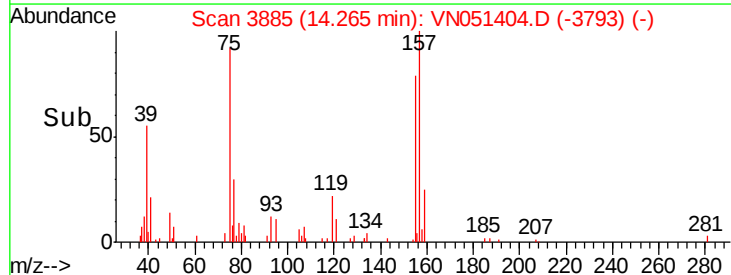
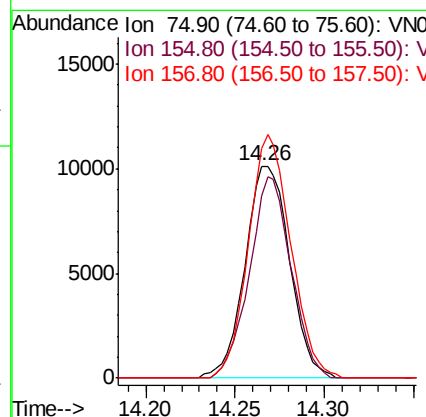
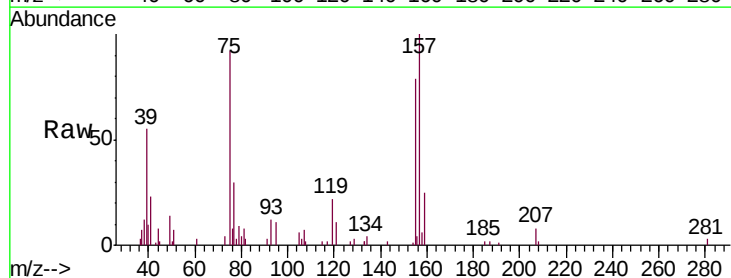
Manual Integrations
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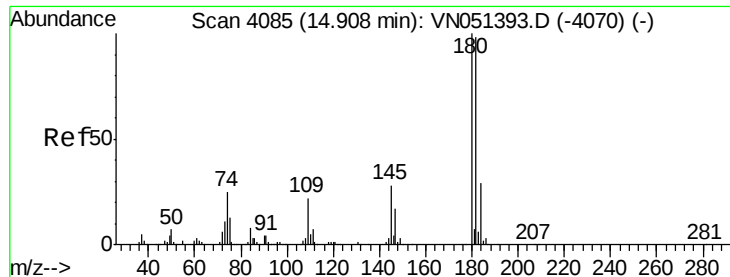
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.182 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17657		
155	88.8	46.9	140.6	
157	109.2	58.4	175.1	





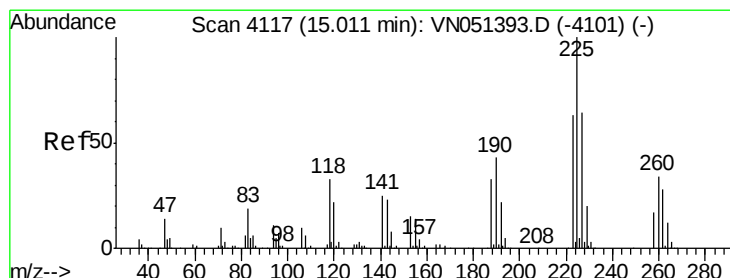
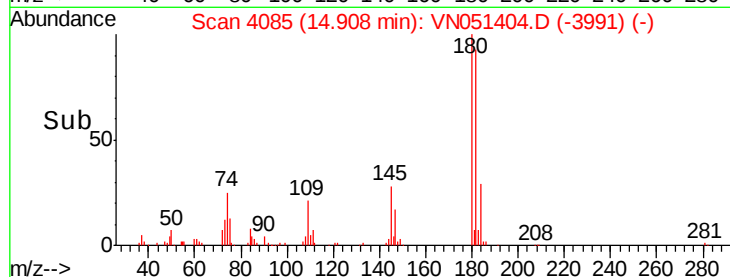
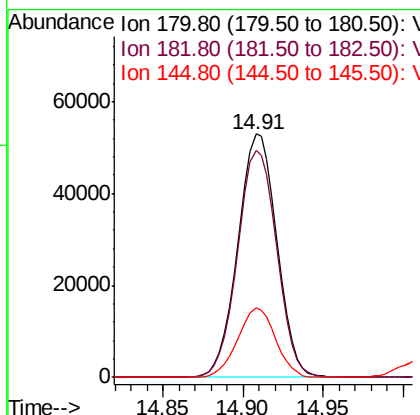
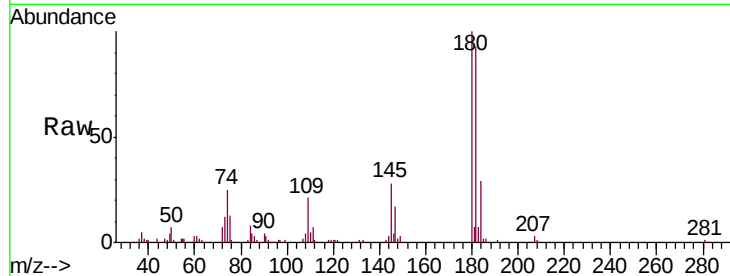
#93
 1,2,4-Trichlorobenzene
 Concen: 18.776 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	87552		
182	94.0	48.5	145.6	
145	27.9	14.1	42.4	

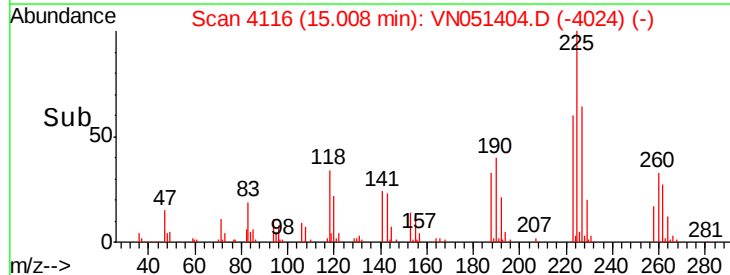
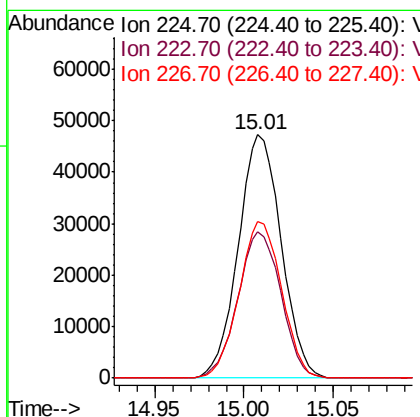
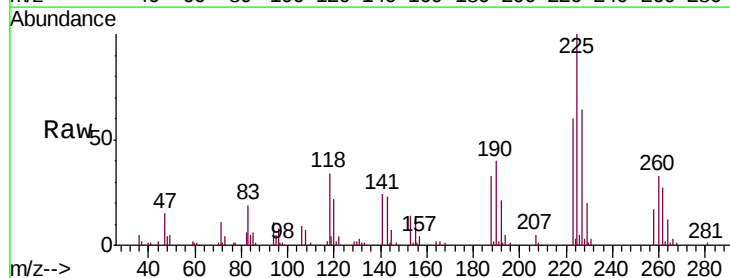
Manual Integrations
 APPROVED

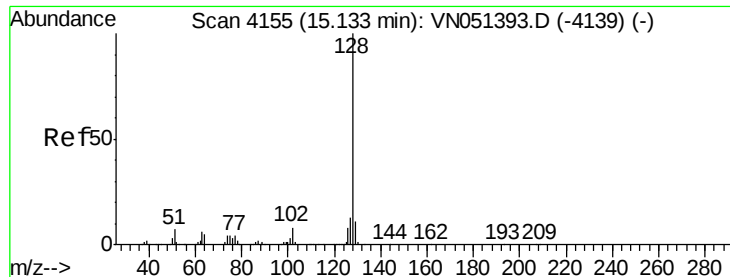
apatel
 9/25/2018 12:10:24 PM



#94
 Hexachlorobutadiene
 Concen: 18.763 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	79330		
223	60.3	31.9	95.9	
227	63.8	32.5	97.5	





#95

Naphthalene

Concen: 19.290 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

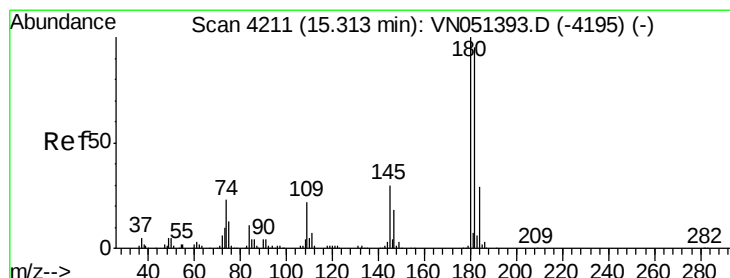
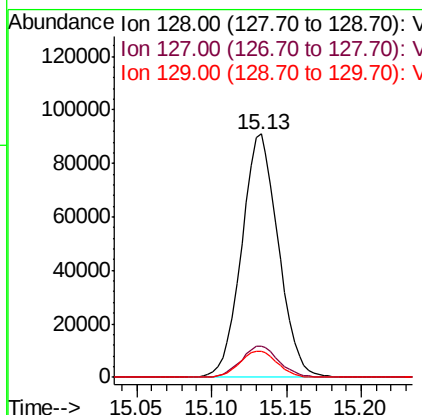
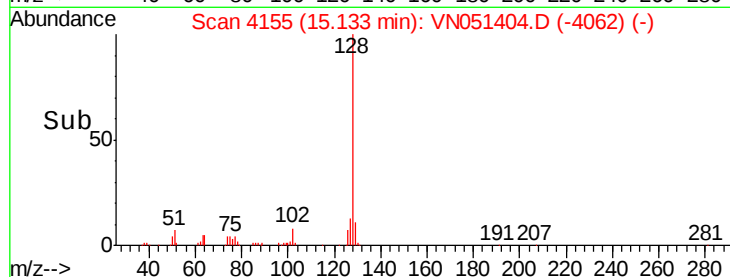
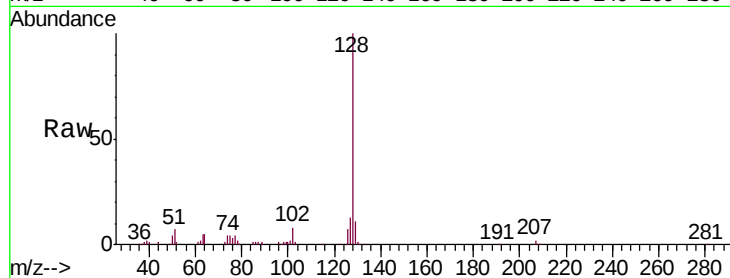
ClientSampled :

VN0923WBSD01

Tgt Ion:	128	Resp:	155260
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	11.1	8.6	12.8

Manual Integrations
APPROVED

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9/25/2018 12:10:24 PM



#96

1,2,3-Trichlorobenzene

Concen: 17.198 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Tgt Ion:	180	Resp:	92227
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.2	141.6
145	29.2	14.6	43.8

