

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092618\
 Data File : VN051517.D
 Acq On : 26 Sep 2018 6:14
 Operator : MD\SY
 Sample : VN0926WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS02

Quant Time: Sep 26 08:16:11 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	471877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	695932	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	613485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	304353	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	321060	54.31	ug/l	0.00
Spiked Amount			Recovery	=	108.62%	
35) Dibromofluoromethane	7.59	113	287354	51.64	ug/l	0.00
Spiked Amount			Recovery	=	103.28%	
50) Toluene-d8	10.09	98	1034719	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.40	95	324407	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	80438	18.271	ug/l	99
3) Chloromethane	2.06	50	136445	19.470	ug/l	96
4) Vinyl Chloride	2.18	62	148686	19.223	ug/l	100
5) Bromomethane	2.56	94	72433	15.667	ug/l	99
6) Chloroethane	2.70	64	96720	20.068	ug/l	96
7) Trichlorofluoromethane	3.01	101	195364	19.283	ug/l	97
8) Diethyl Ether	3.41	74	59947	17.044	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	102609	17.945	ug/l	95
10) Methyl Iodide	3.95	142	95732	12.810	ug/l	98
11) Tert butyl alcohol	4.79	59	36746	110.147	ug/l #	78
12) 1,1-Dichloroethene	3.74	96	92091	17.541	ug/l	97
13) Acrolein	3.61	56	26475	79.919	ug/l	93
14) Allyl chloride	4.33	41	159577	18.116	ug/l	99
15) Acrylonitrile	4.99	53	185841	102.404	ug/l	100
16) Acetone	3.82	43	131534	84.175	ug/l	98
17) Carbon Disulfide	4.05	76	262578	17.023	ug/l	99
18) Methyl Acetate	4.33	43	103351	22.957	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	273064	20.169	ug/l	100
20) Methylene Chloride	4.55	84	117632	20.110	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	100290	18.673	ug/l	93
22) Diisopropyl ether	5.96	45	369208	21.684	ug/l	99
23) Vinyl Acetate	5.90	43	1123025	100.463	ug/l	99
24) 1,1-Dichloroethane	5.85	63	215060	21.169	ug/l	99
25) 2-Butanone	6.84	43	203857	100.759	ug/l	99
26) 2,2-Dichloropropane	6.83	77	121045	15.264	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	117688	19.970	ug/l	99
28) Bromochloromethane	7.20	49	99644	21.239	ug/l	99
29) Tetrahydrofuran	7.22	42	144135	112.417	ug/l	97
30) Chloroform	7.37	83	214436	21.302	ug/l	97
31) Cyclohexane	7.66	56	173282	18.617	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	182081	21.158	ug/l	99
36) 1,1-Dichloropropene	7.80	75	153015	18.987	ug/l	97
37) Ethyl Acetate	6.93	43	98275	21.209	ug/l	97
38) Carbon Tetrachloride	7.78	117	162371	19.263	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	158530	16.827	ug/l	97
40) Benzene	8.04	78	465360	19.666	ug/l	98
41) Methacrylonitrile	7.18	41	47724	18.617	ug/l	94
42) 1,2-Dichloroethane	8.13	62	154580	20.401	ug/l	99
43) Isopropyl Acetate	8.17	43	179761	21.454	ug/l	95
44) Trichloroethene	8.84	130	120320	19.144	ug/l	99
45) 1,2-Dichloropropane	9.12	63	131320	20.416	ug/l	99
46) Dibromomethane	9.21	93	74035	20.370	ug/l	96
47) Bromodichloromethane	9.40	83	162699	20.229	ug/l	98
48) Methyl methacrylate	9.20	41	81862	19.596	ug/l	99
49) 1,4-Dioxane	9.20	88	20867	407.586	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	478171	103.768	ug/l	98
52) Toluene	10.16	92	281236	19.124	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	145372	17.903	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	171792	18.244	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	104869	20.178	ug/l	98
56) Ethyl methacrylate	10.43	69	120276	18.928	ug/l	97
57) 1,3-Dichloropropane	10.71	76	176951	19.864	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	307711	102.561	ug/l	99
59) 2-Hexanone	10.75	43	289678	96.972	ug/l	96
60) Dibromochloromethane	10.90	129	118076	19.255	ug/l	99
61) 1,2-Dibromoethane	11.01	107	98890	19.601	ug/l	98
64) Tetrachloroethene	10.63	164	114516	20.568	ug/l	98
65) Chlorobenzene	11.43	112	300221	19.074	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	120027	20.015	ug/l	99
67) Ethyl Benzene	11.51	91	488427	18.413	ug/l	99
68) m/p-Xylenes	11.62	106	383302	37.357	ug/l	99
69) o-Xylene	11.95	106	180980	18.348	ug/l	97
70) Styrene	11.96	104	288049	18.429	ug/l	99
71) Bromoform	12.13	173	79224	19.470	ug/l #	98
73) Isopropylbenzene	12.25	105	487125	18.969	ug/l	100
74) N-amyl acetate	12.07	43	128308	19.914	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	125522	20.962	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	147768	29.247	ug/l #	100
77) Bromobenzene	12.53	156	125233	19.264	ug/l	97
78) n-propylbenzene	12.59	91	548543	18.954	ug/l	99
79) 2-Chlorotoluene	12.68	91	336261	19.410	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	401470	19.173	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	27678	16.845	ug/l	96
82) 4-Chlorotoluene	12.77	91	328457	18.996	ug/l	99
83) tert-Butylbenzene	12.99	119	360045	19.318	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	409084	19.388	ug/l	99
85) sec-Butylbenzene	13.17	105	483888	19.191	ug/l	99
86) p-Isopropyltoluene	13.29	119	405858	18.603	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	214179	19.039	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	203712	18.820	ug/l	99
89) n-Butylbenzene	13.62	91	307789	17.156	ug/l	99
90) Hexachloroethane	13.87	117	84150	19.358	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	208413	19.094	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18166	21.257	ug/l	93

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

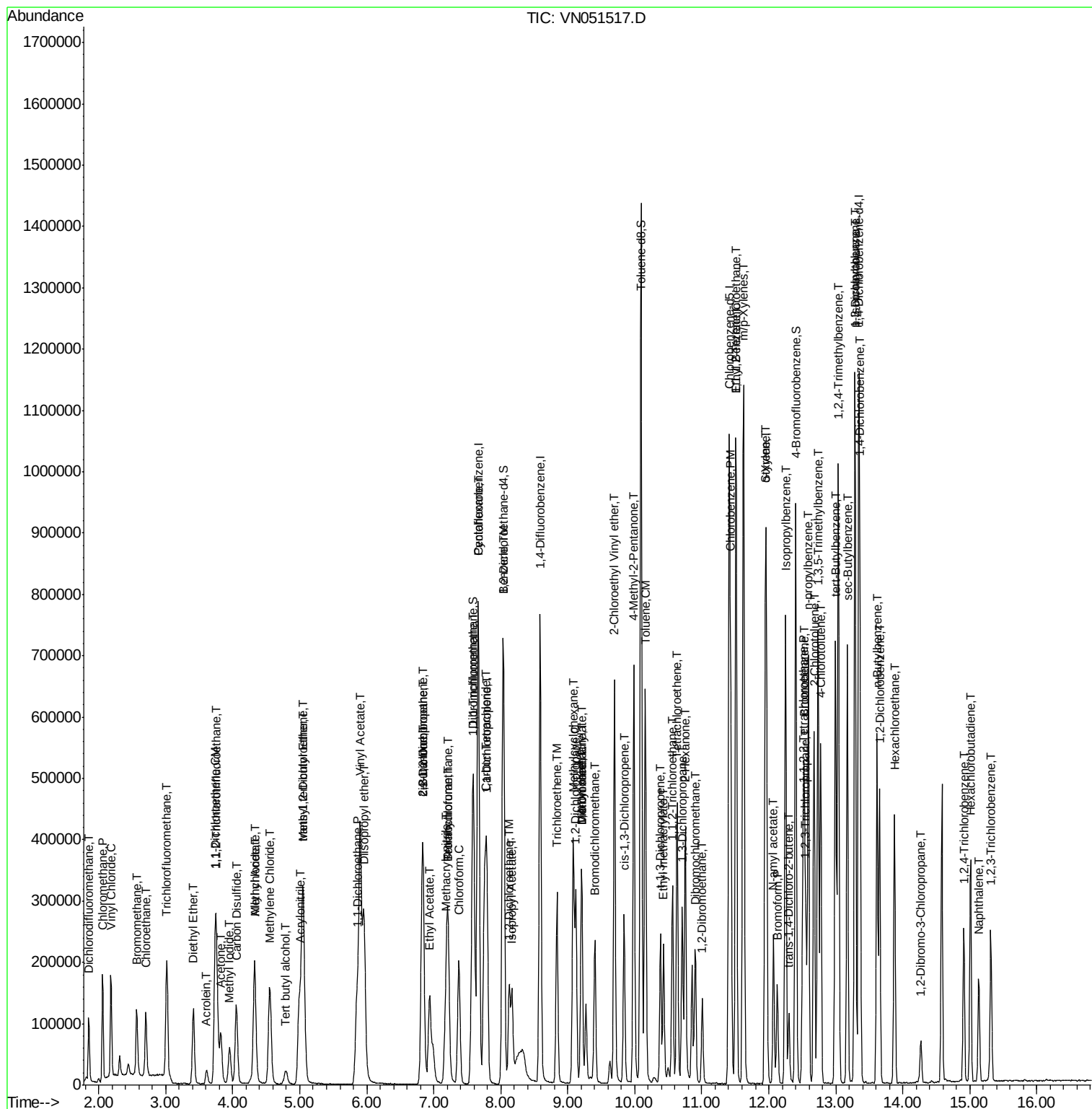
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	84567	18.633	ug/l	99
94) Hexachlorobutadiene	15.01	225	74763	18.103	ug/l	100
95) Naphthalene	15.13	128	143289	18.670	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	90337	17.246	ug/l	99

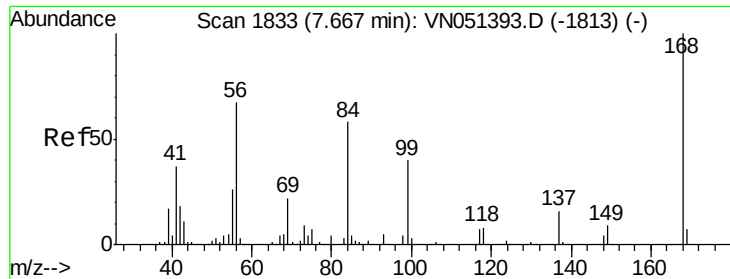
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1834

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampleId :

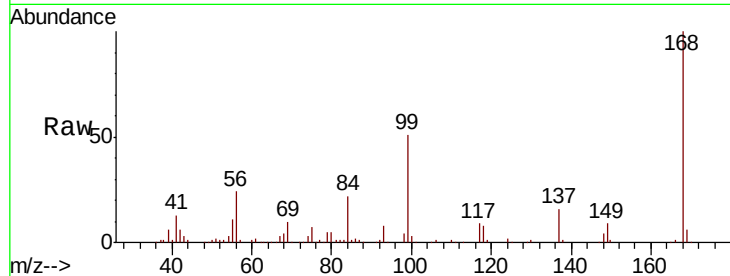
VN0926WBS02

Tot Ion:168 Resp: 471877

Ion Ratio Lower Upper

168 100

99 50.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

200000

150000

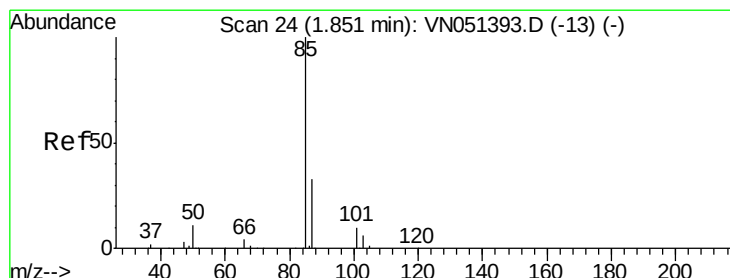
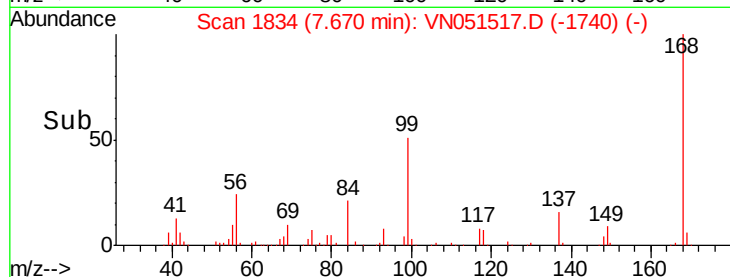
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.271 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051517.D

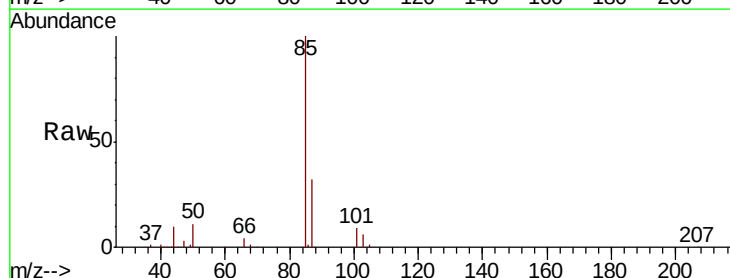
Acq: 26 Sep 2018 6:14

Tgt Ion: 85 Resp: 80438

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

60000

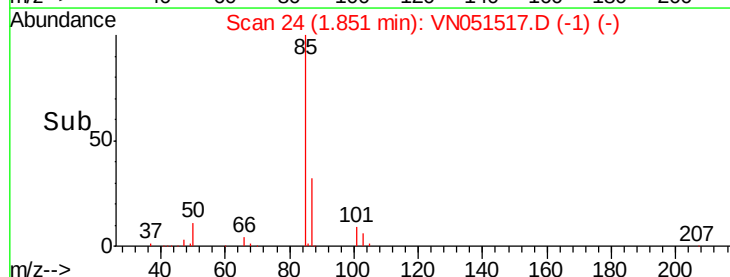
40000

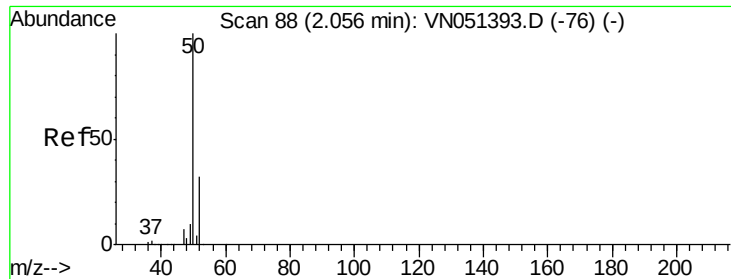
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.470 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampleId :

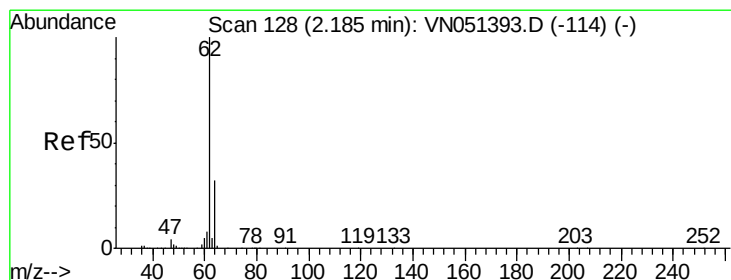
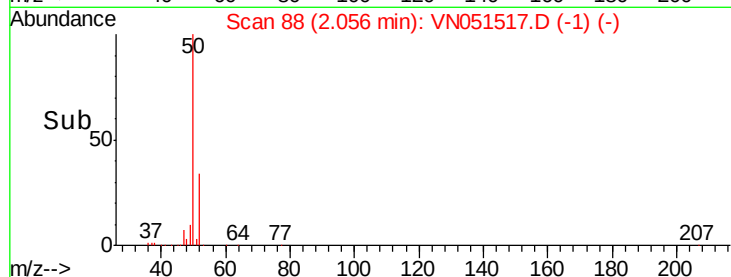
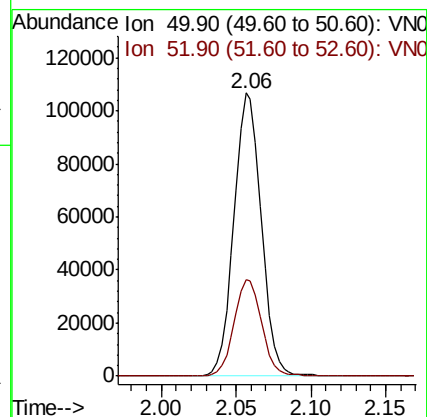
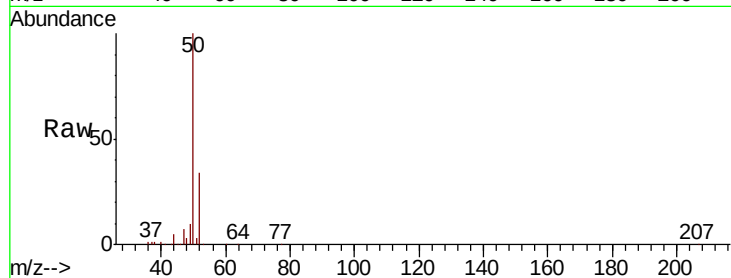
VN0926WBS02

Tot Ion: 50 Resp: 136445

Ion Ratio Lower Upper

50 100

52 34.1 25.7 38.5



#4

Vinyl Chloride

Concen: 19.223 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN051517.D

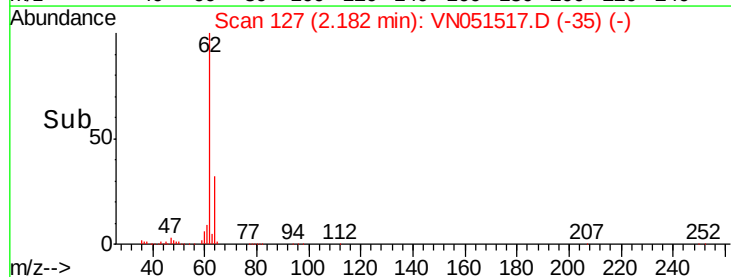
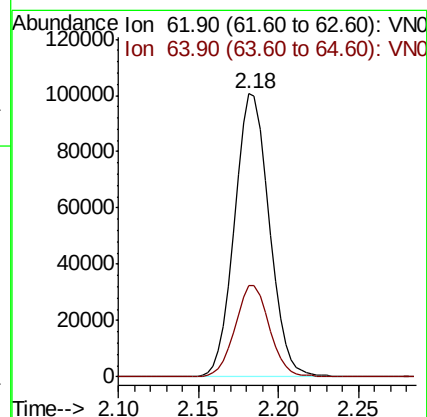
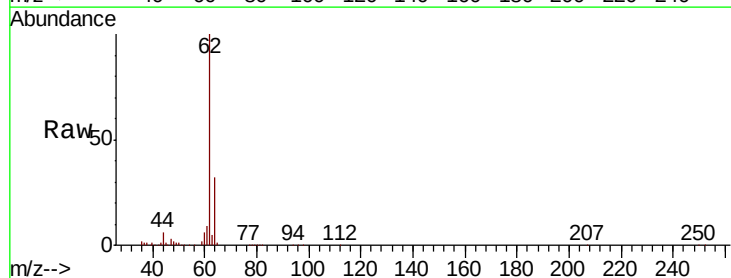
Acq: 26 Sep 2018 6:14

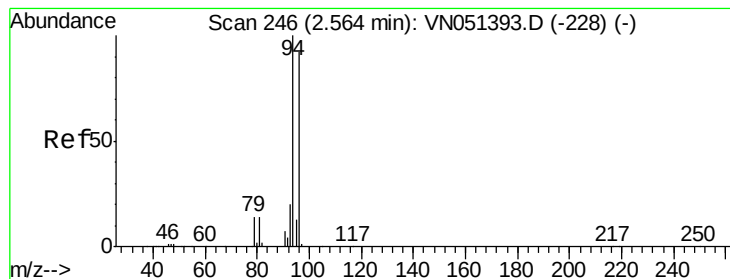
Tgt Ion: 62 Resp: 148686

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.8





#5

Bromomethane

Concen: 15.667 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampleId :

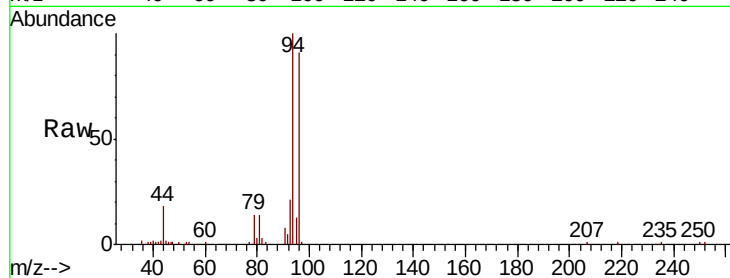
VN0926WBS02

Tot Ion: 94 Resp: 72433

Ion Ratio Lower Upper

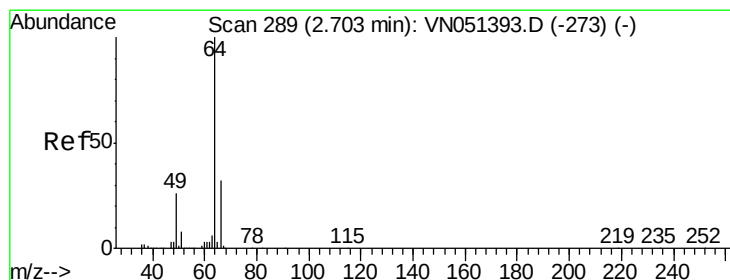
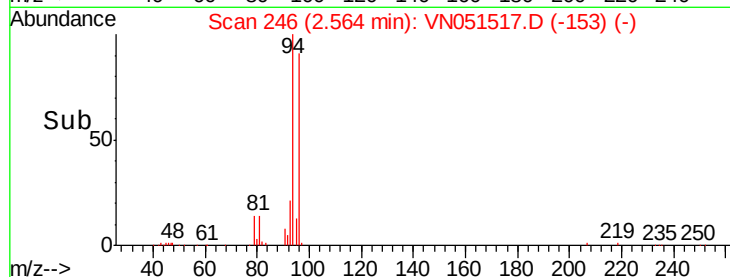
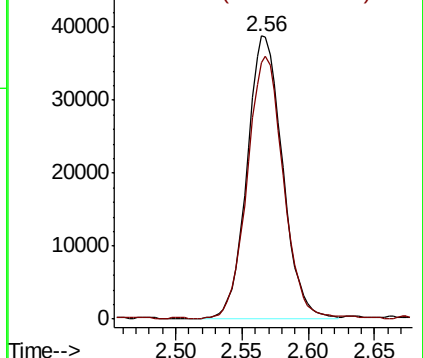
94 100

96 90.6 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.068 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN051517.D

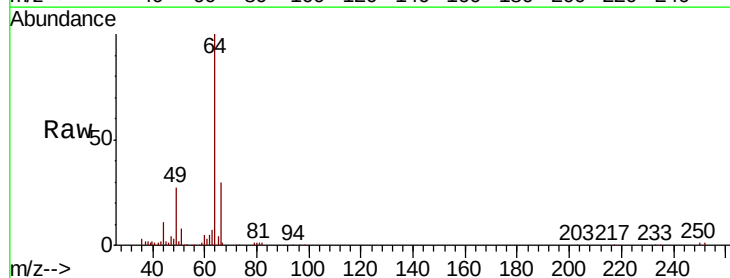
Acq: 26 Sep 2018 6:14

Tgt Ion: 64 Resp: 96720

Ion Ratio Lower Upper

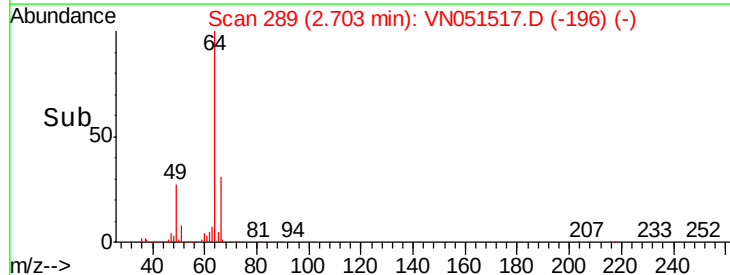
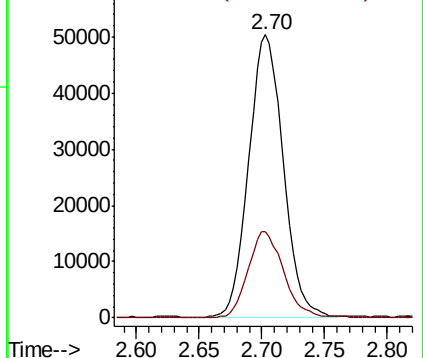
64 100

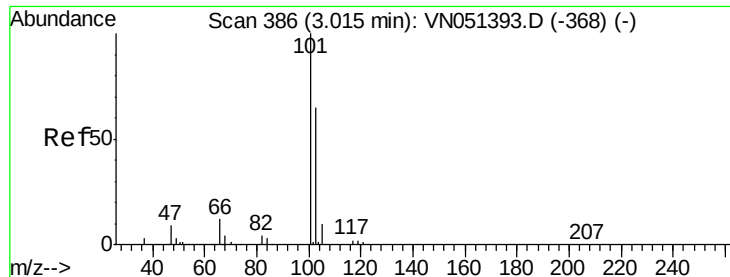
66 30.4 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



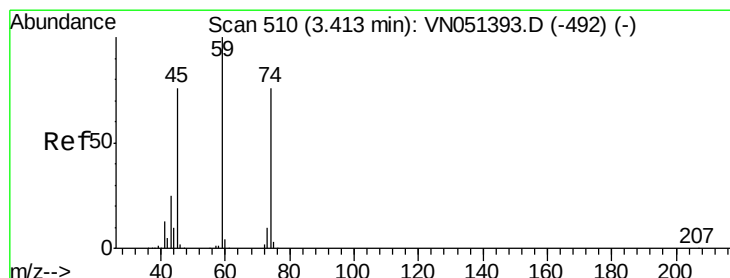
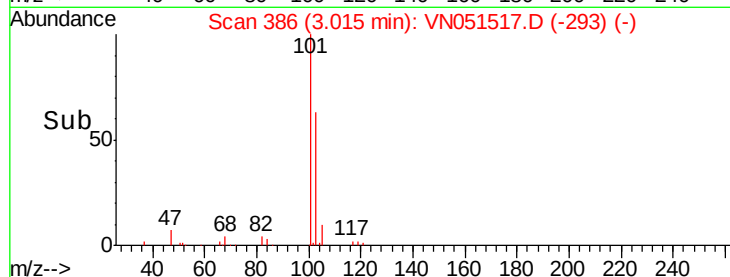
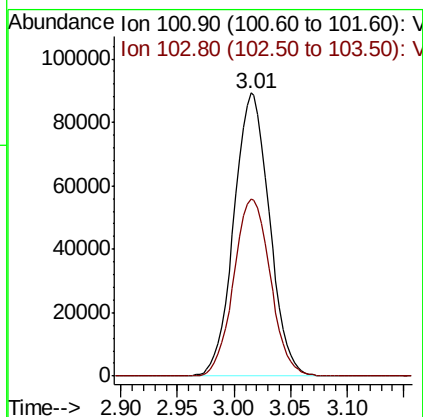
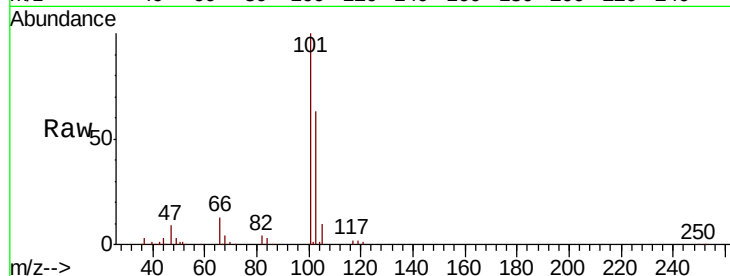


#7

Trichlorofluoromethane
 Concen: 19.283 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: VN051517.D
 Acq: 26 Sep 2018 6:14

Instrument :
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 VN0926WBS02

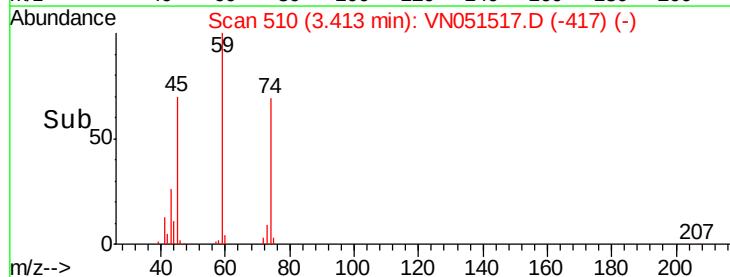
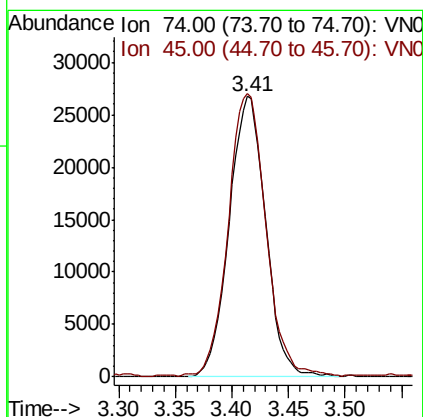
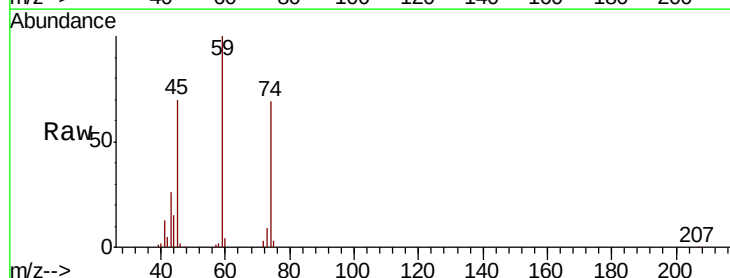
Tot Ion:101 Resp: 195364
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.8 77.8

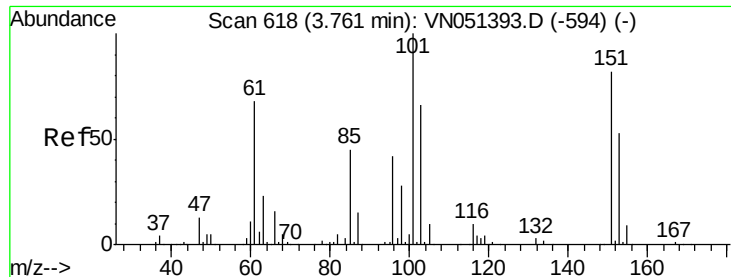


#8

Diethyl Ether
 Concen: 17.044 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN051517.D
 Acq: 26 Sep 2018 6:14

Tgt Ion: 74 Resp: 59947
 Ion Ratio Lower Upper
 74 100
 45 105.1 50.2 150.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.945 ug/l

RT: 3.76 min Scan# 617

Delta R.T. -0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

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VN0926WBS02

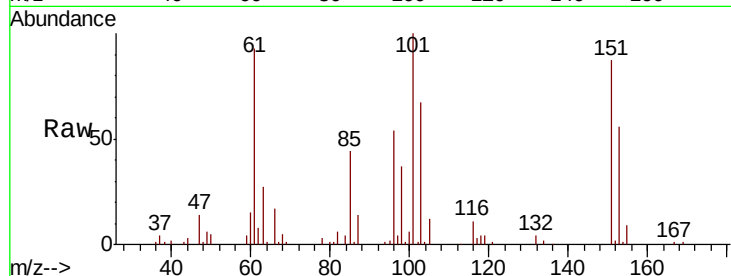
Tot Ion:101 Resp: 102609

Ion Ratio Lower Upper

101 100

85 45.1 33.9 50.9

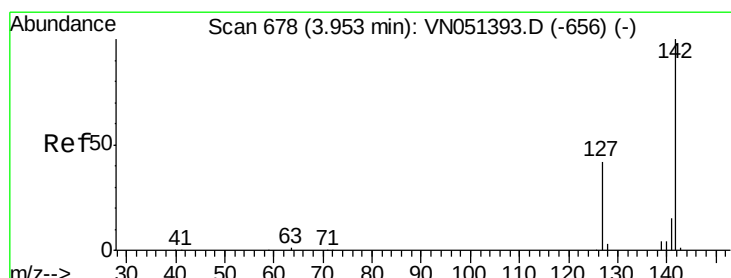
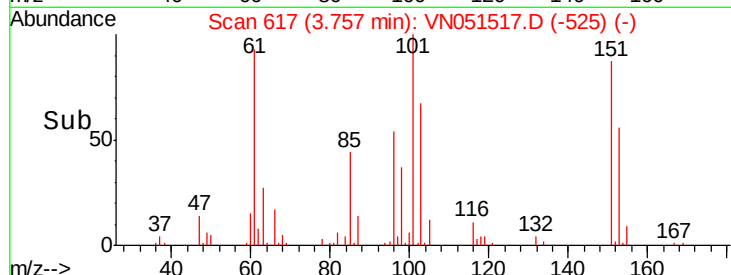
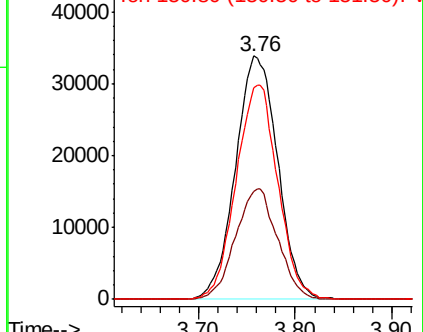
151 87.0 65.2 97.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 12.810 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

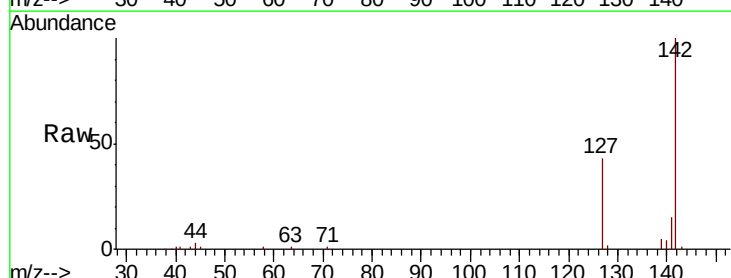
Tgt Ion:142 Resp: 95732

Ion Ratio Lower Upper

142 100

127 43.0 33.2 49.8

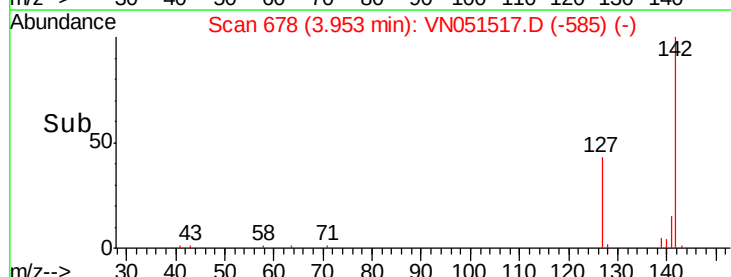
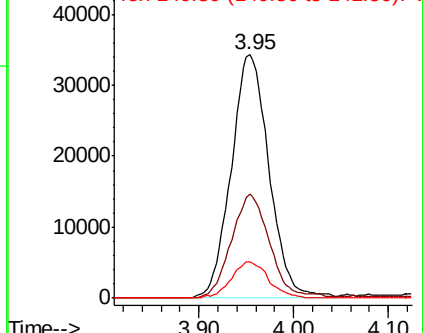
141 14.6 11.5 17.3

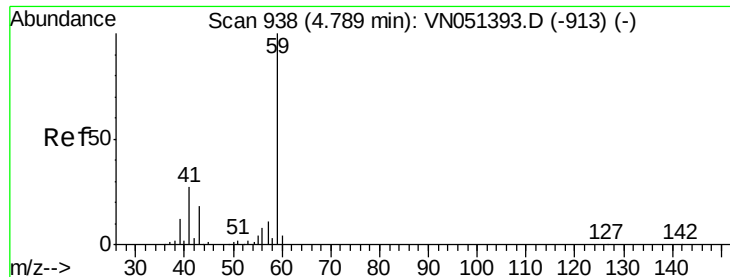


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

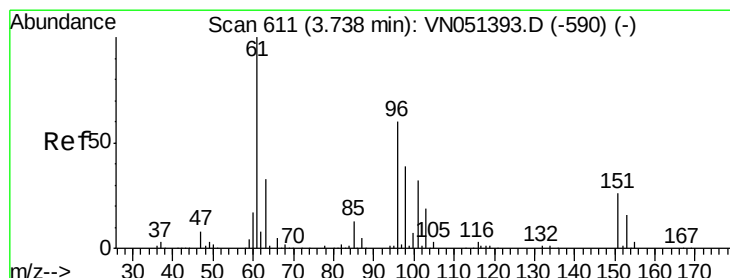
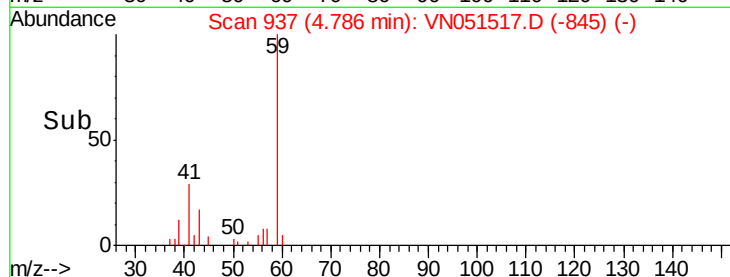
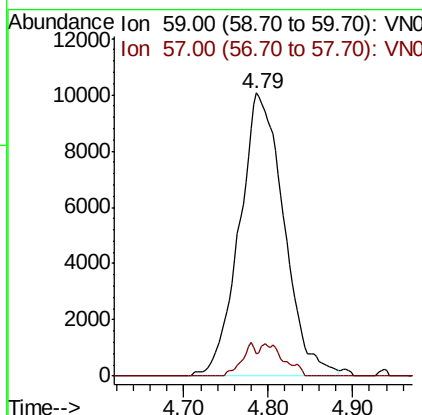
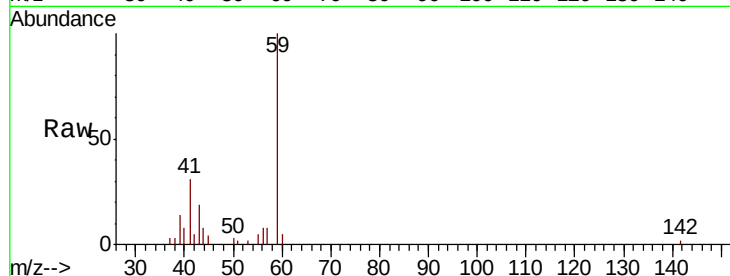




#11
Tert butyl alcohol
Concen: 110.147 ug/l
RT: 4.79 min Scan# 937
Delta R.T. -0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

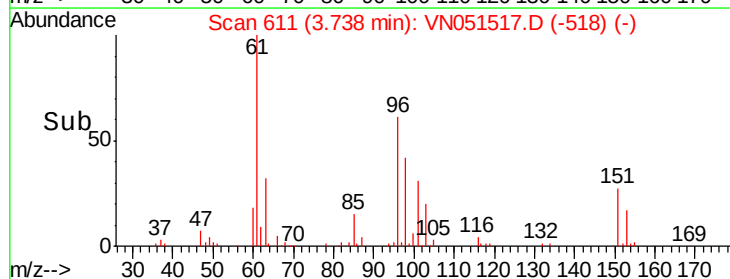
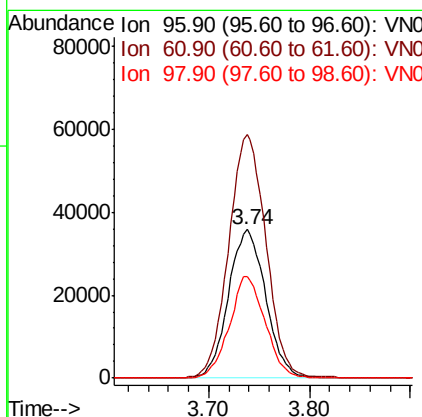
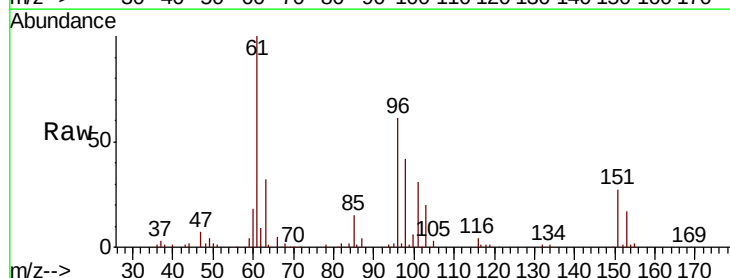
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS02

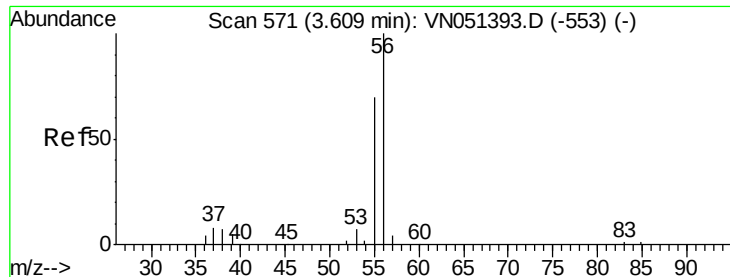
Tot Ion: 59 Resp: 36746
Ion Ratio Lower Upper
59 100
57 0.0 6.2 9.2#



#12
1,1-Dichloroethene
Concen: 17.541 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

Tgt Ion: 96 Resp: 92091
Ion Ratio Lower Upper
96 100
61 163.4 133.6 200.4
98 68.6 52.2 78.2





#13

Acrolein

Concen: 79.919 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampleId :

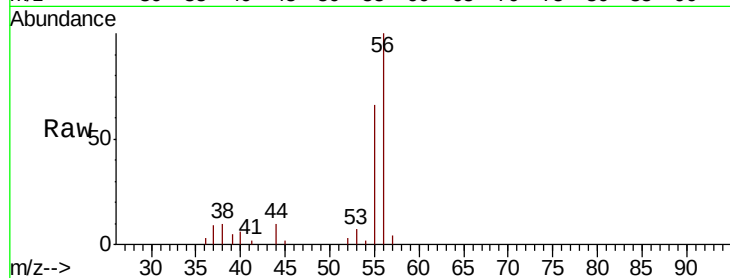
VN0926WBS02

Tot Ion: 56 Resp: 26475

Ion Ratio Lower Upper

56 100

55 66.8 57.8 86.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

12000

10000

8000

6000

4000

2000

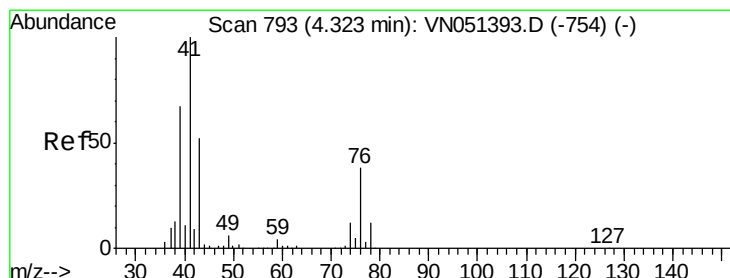
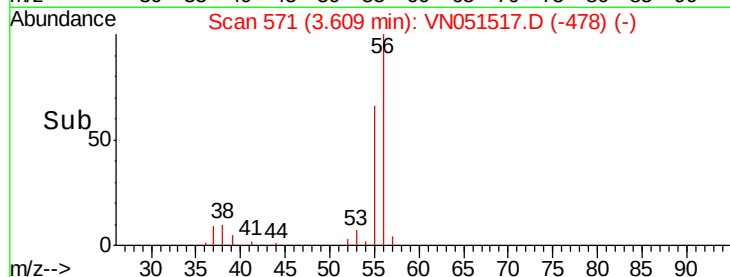
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 18.116 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

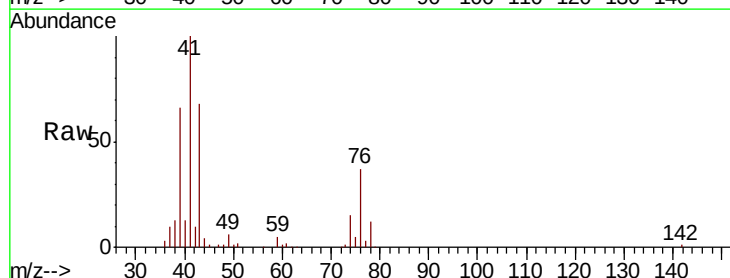
Tgt Ion: 41 Resp: 159577

Ion Ratio Lower Upper

41 100

39 63.6 51.4 77.2

76 34.3 28.1 42.1



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.33

60000

40000

20000

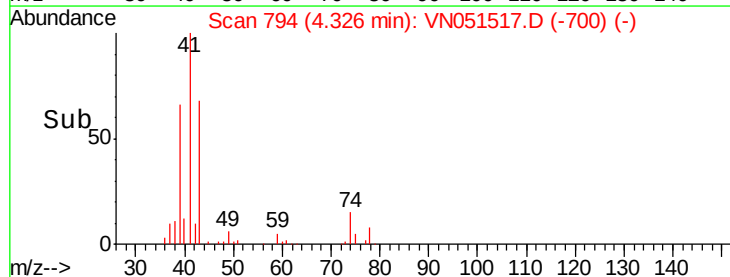
0

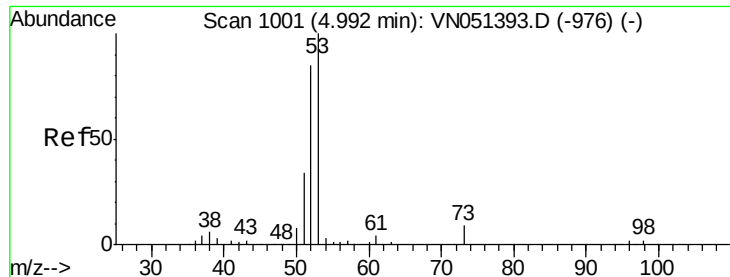
Time-->

4.20

4.30

4.40





#15

Acrylonitrile

Concen: 102.404 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS02

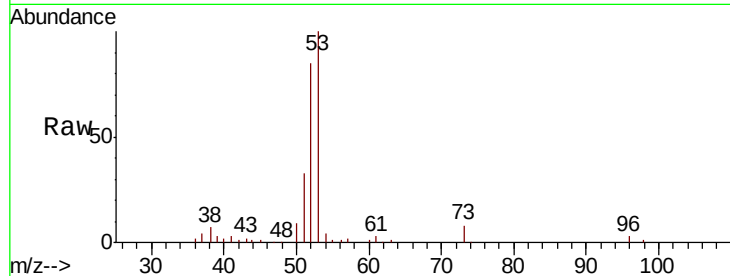
Tot Ion: 53 Resp: 185841

Ion Ratio Lower Upper

53 100

52 82.6 66.2 99.2

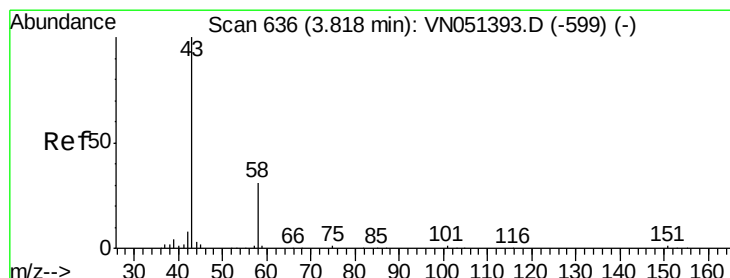
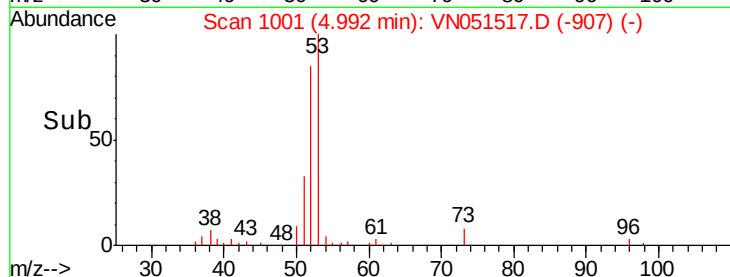
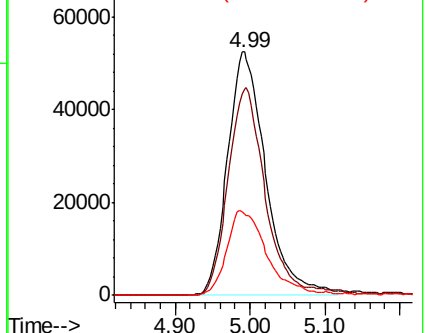
51 36.3 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 84.175 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051517.D

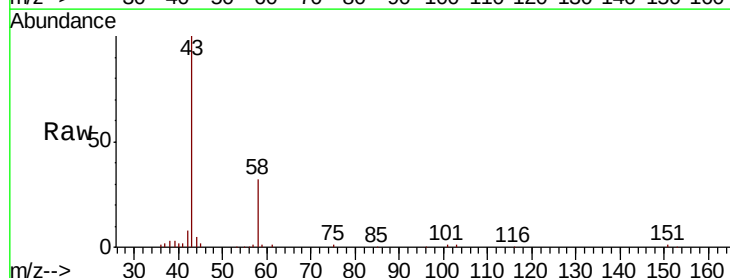
Acq: 26 Sep 2018 6:14

Tgt Ion: 43 Resp: 131534

Ion Ratio Lower Upper

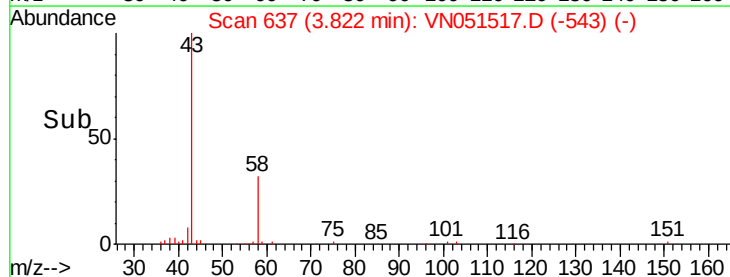
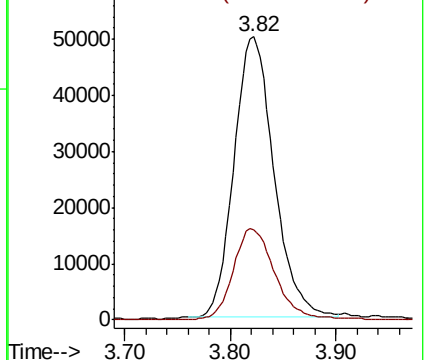
43 100

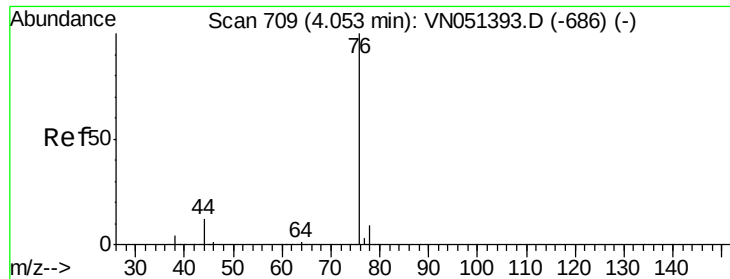
58 32.2 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

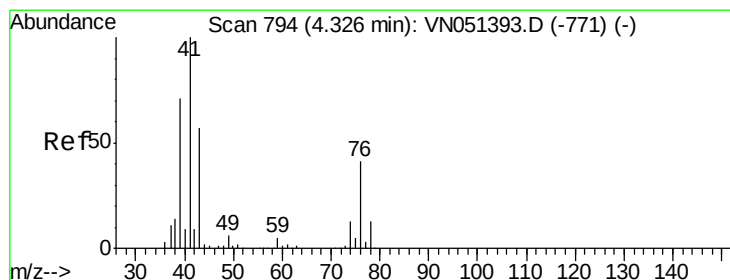
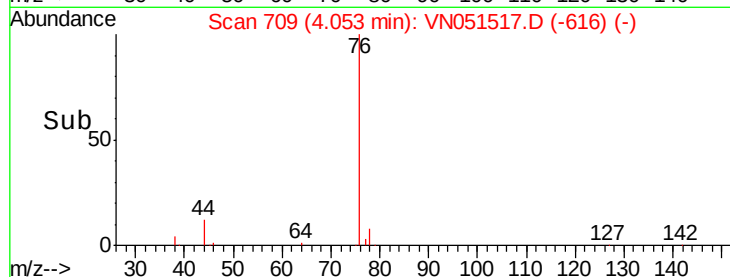
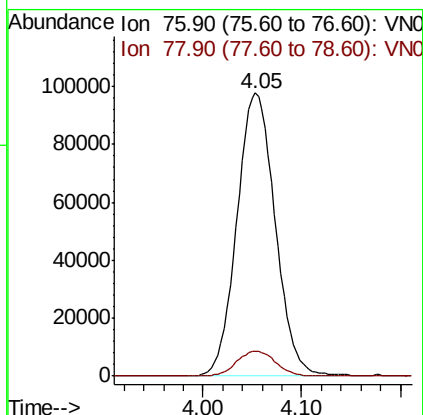
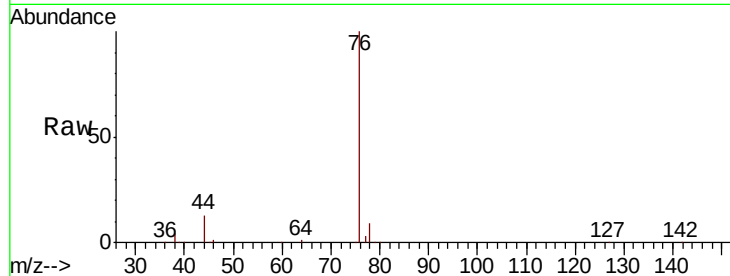




#17
Carbon Disulfide
Concen: 17.023 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

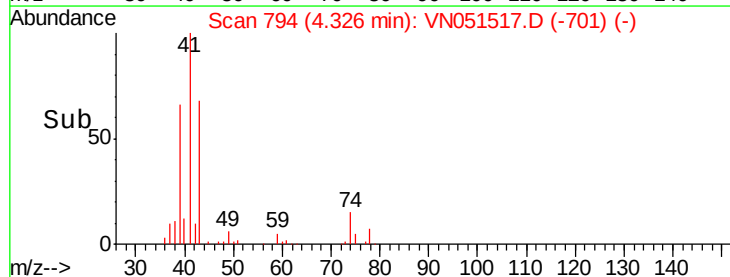
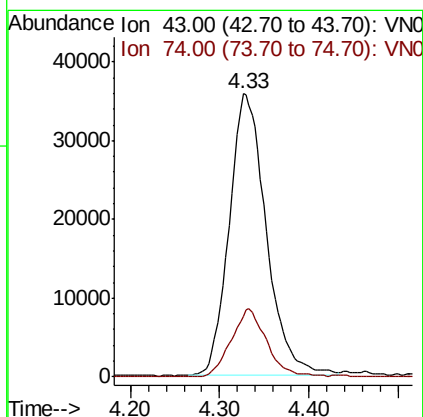
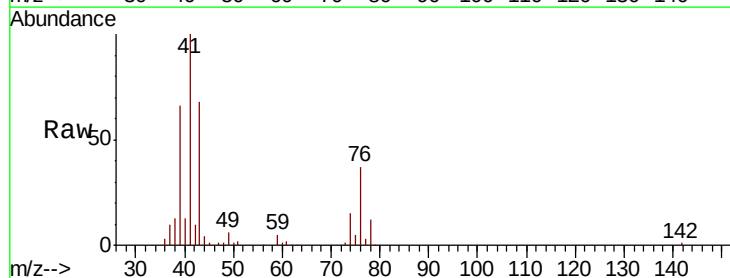
Instrument :
MSVOA_N
ClientSampled :
VN0926WBS02

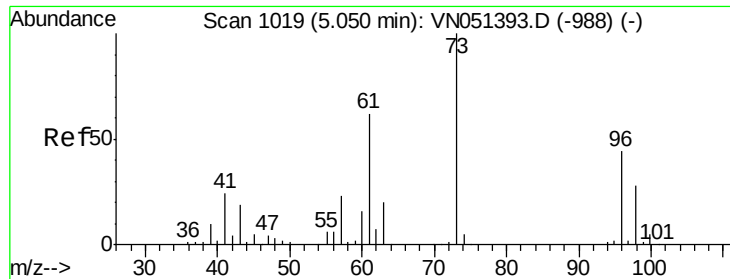
Tot Ion: 76 Resp: 262578
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 22.957 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

Tgt Ion: 43 Resp: 103351
Ion Ratio Lower Upper
43 100
74 23.0 18.8 28.2



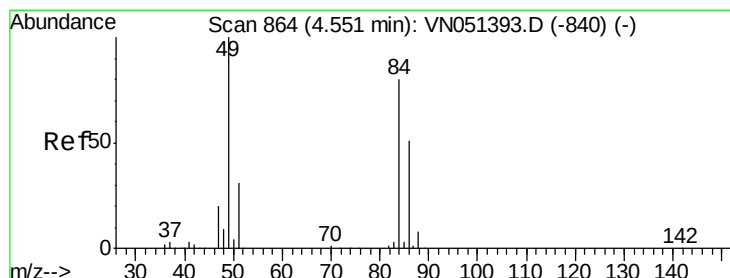
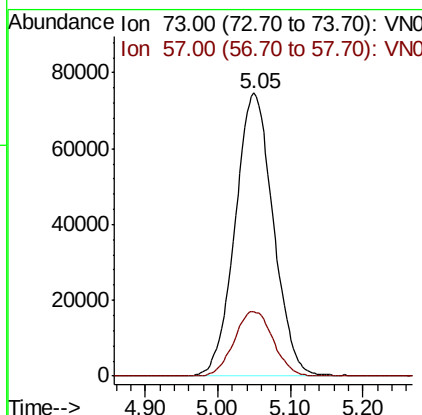
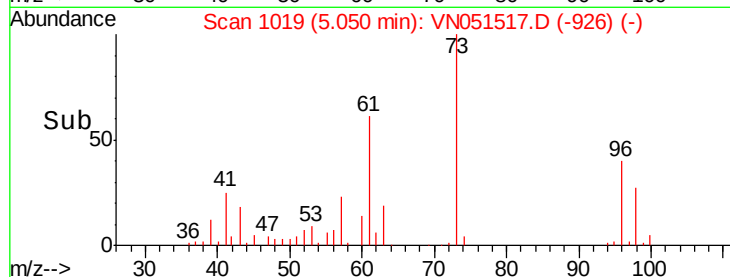
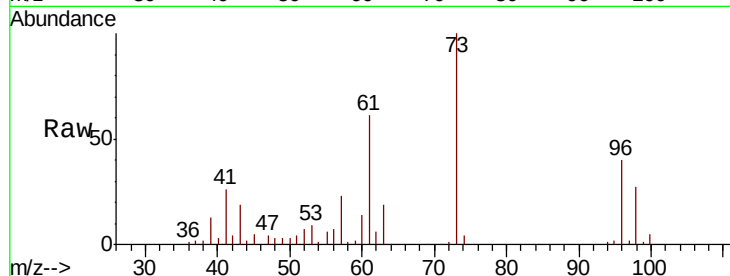


#19

Methyl tert-butyl Ether
 Concen: 20.169 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN051517.D
 Acq: 26 Sep 2018 6:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS02

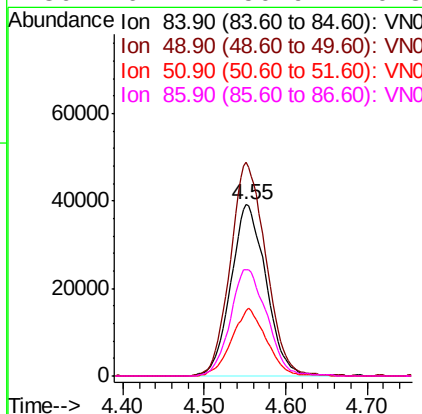
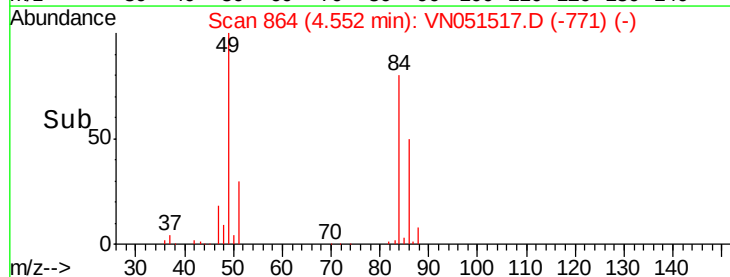
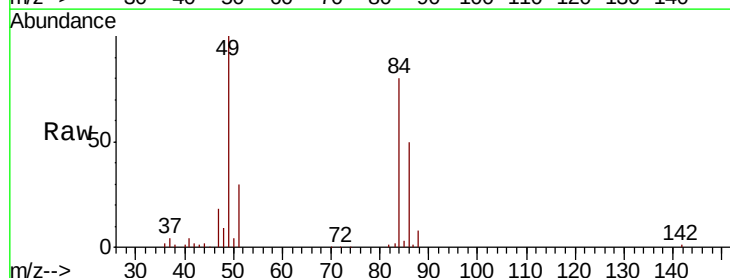
Tot Ion: 73 Resp: 273064
 Ion Ratio Lower Upper
 73 100
 57 22.7 18.3 27.5

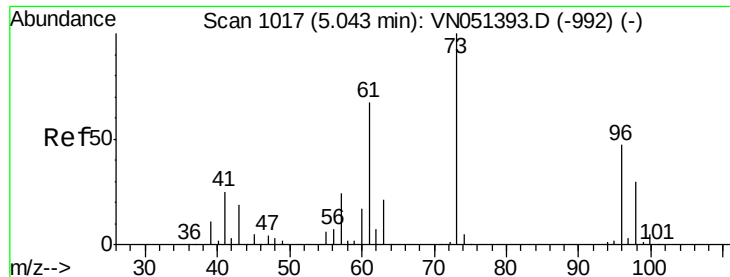


#20

Methylene Chloride
 Concen: 20.110 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VN051517.D
 Acq: 26 Sep 2018 6:14

Tgt Ion: 84 Resp: 117632
 Ion Ratio Lower Upper
 84 100
 49 124.6 99.9 149.9
 51 37.9 31.4 47.2
 86 62.2 50.9 76.3

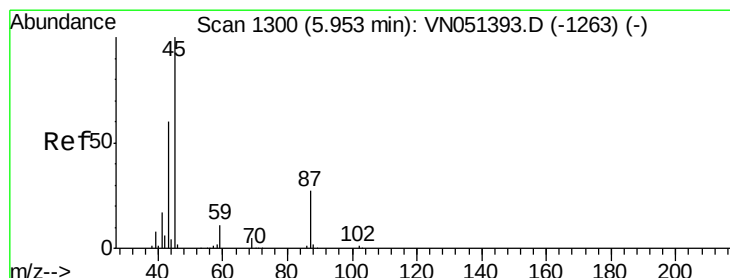
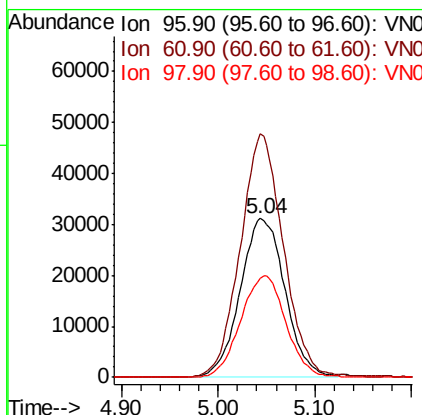
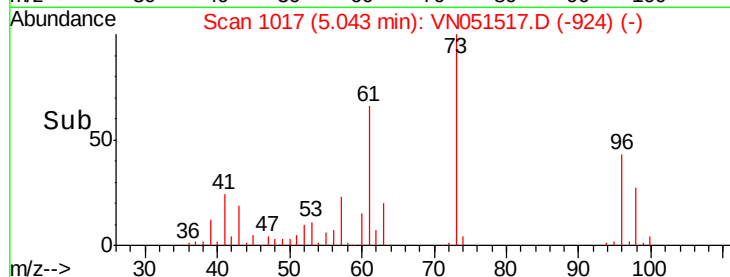
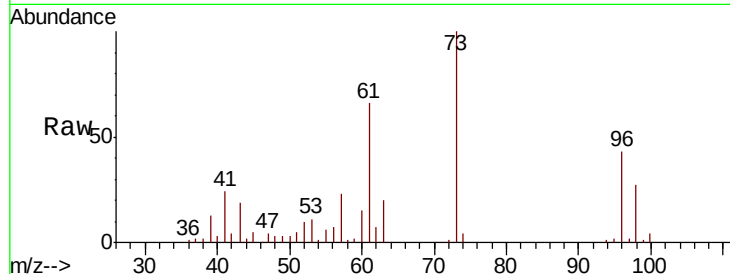




#21
trans-1,2-Dichloroethene
Concen: 18.673 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

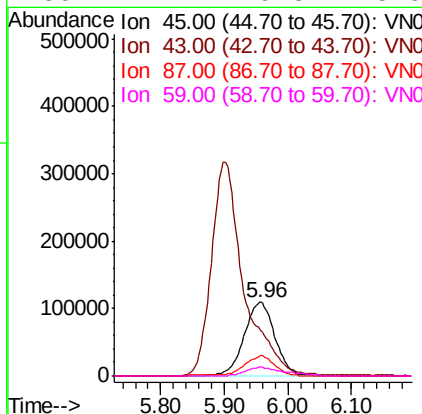
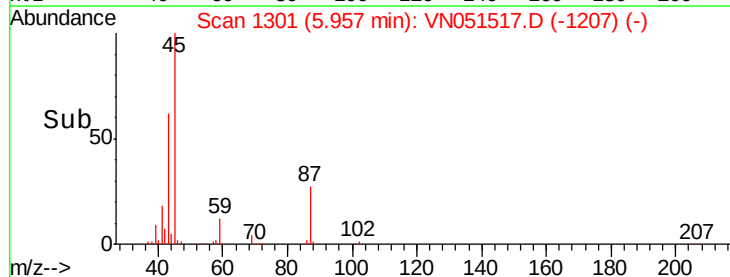
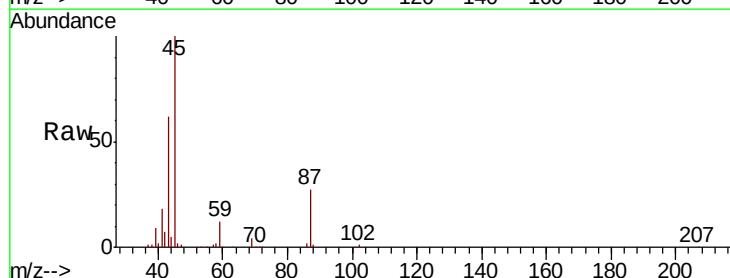
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS02

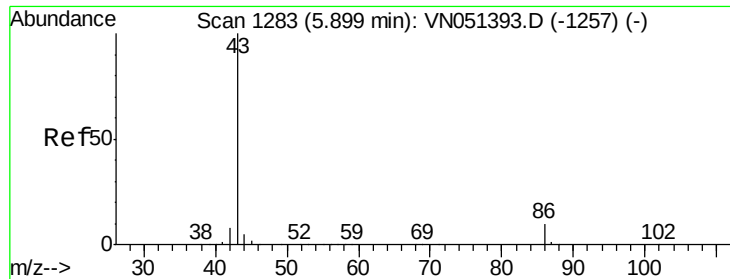
Tot Ion: 96 Resp: 100290
Ion Ratio Lower Upper
96 100
61 153.4 113.4 170.2
98 62.1 51.1 76.7



#22
Diisopropyl ether
Concen: 21.684 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

Tgt Ion: 45 Resp: 369208
Ion Ratio Lower Upper
45 100
43 60.5 47.7 71.5
87 27.0 22.0 33.0
59 12.1 9.3 13.9





#23

Vinyl Acetate

Concen: 100.463 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampleId :

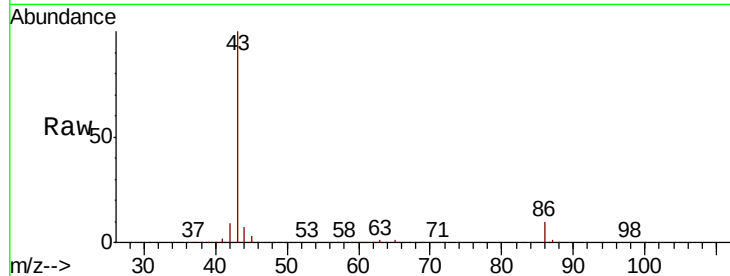
VN0926WBS02

Tot Ion: 43 Resp: 1123025

Ion Ratio Lower Upper

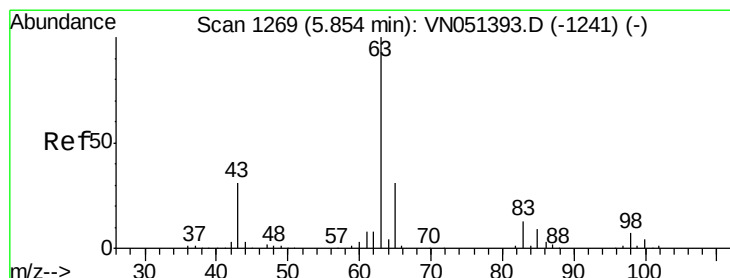
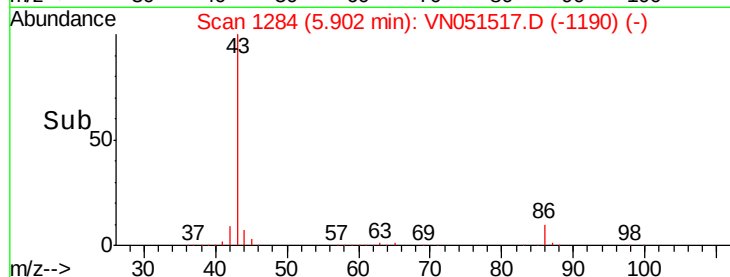
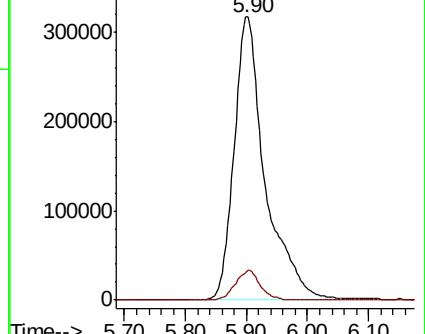
43 100

86 10.4 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 21.169 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

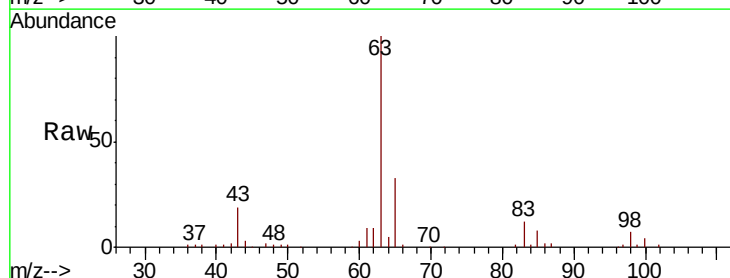
Tgt Ion: 63 Resp: 215060

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

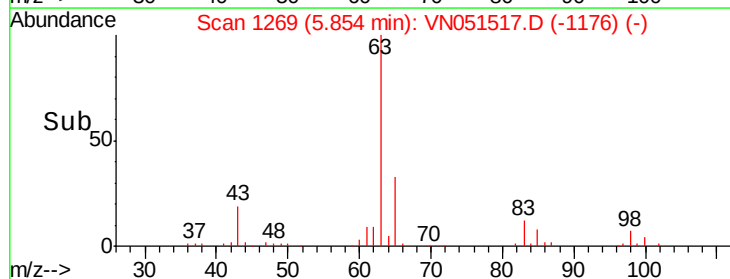
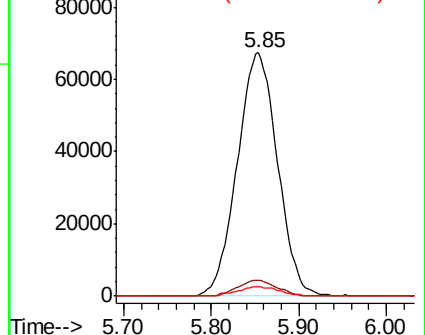
100 4.1 2.2 6.6

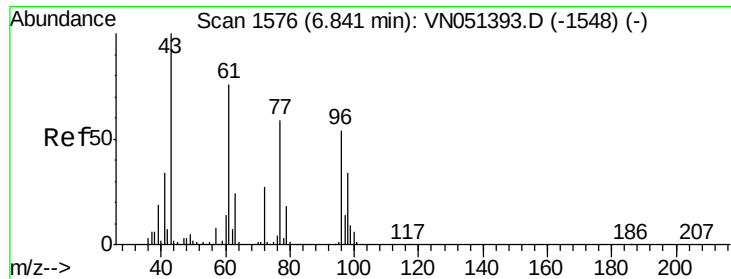


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

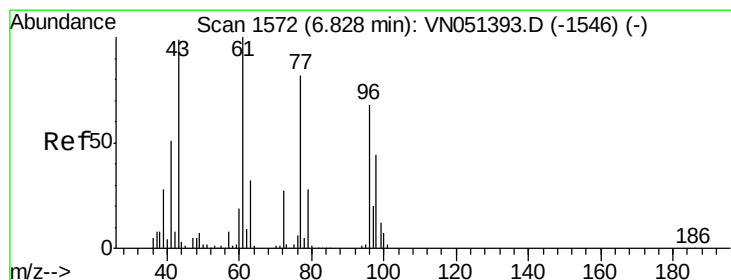
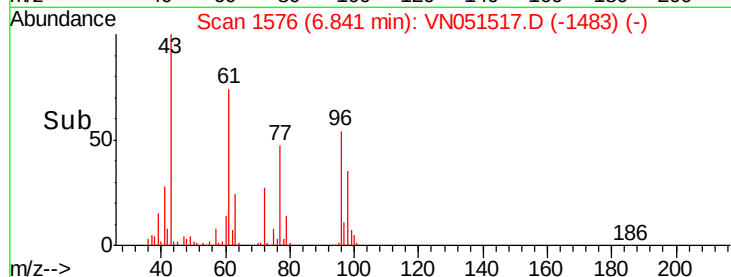
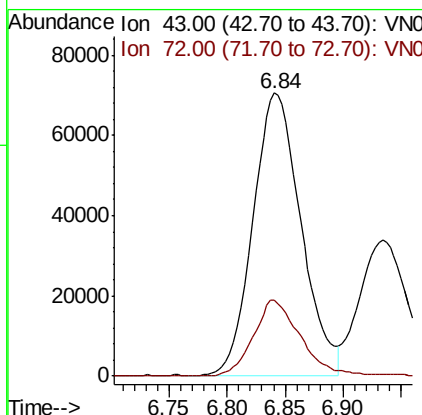
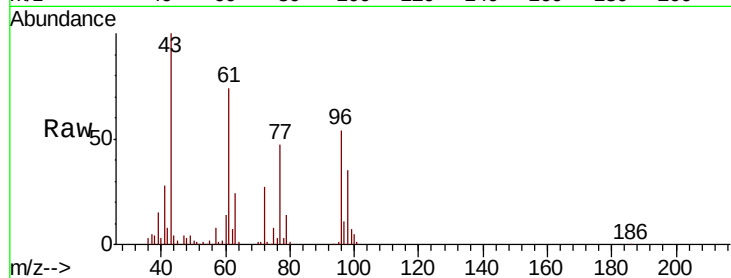




#25
 2-Butanone
 Concen: 100.759 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: VN051517.D
 Acq: 26 Sep 2018 6:14

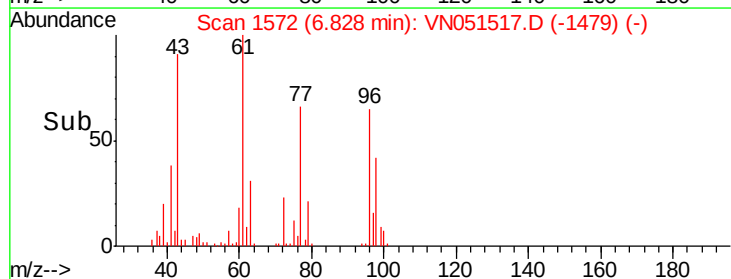
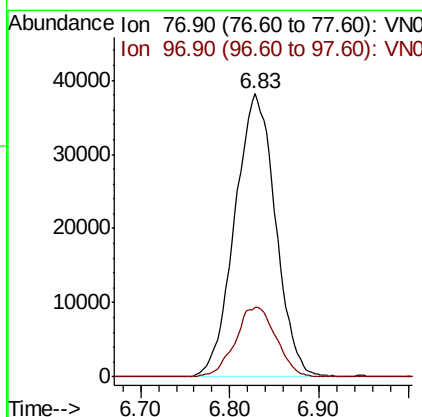
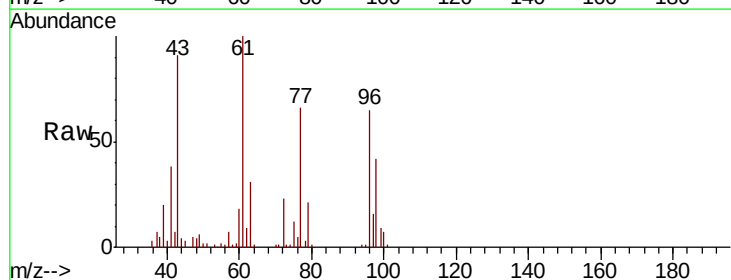
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS02

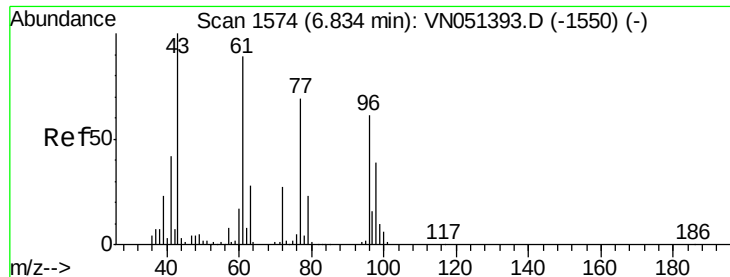
Tot Ion: 43 Resp: 203857
 Ion Ratio Lower Upper
 43 100
 72 26.9 21.8 32.6



#26
 2,2-Dichloropropane
 Concen: 15.264 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN051517.D
 Acq: 26 Sep 2018 6:14

Tgt Ion: 77 Resp: 121045
 Ion Ratio Lower Upper
 77 100
 97 24.7 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 19.970 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS02

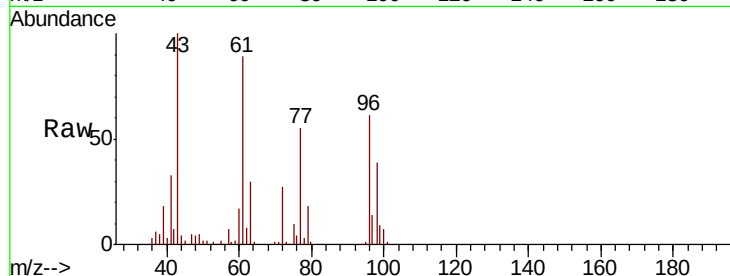
Tot Ion: 96 Resp: 117688

Ion Ratio Lower Upper

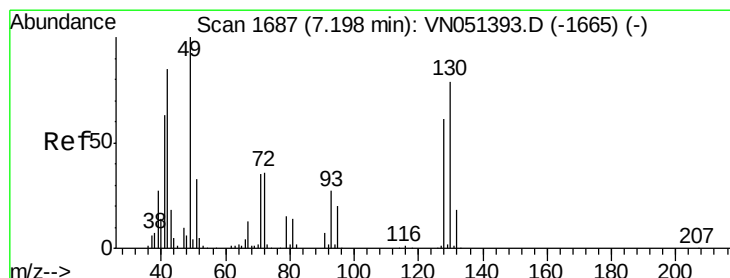
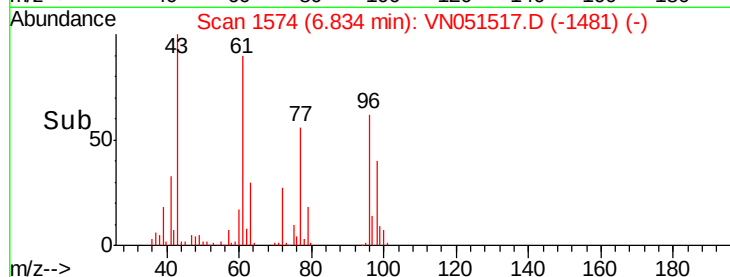
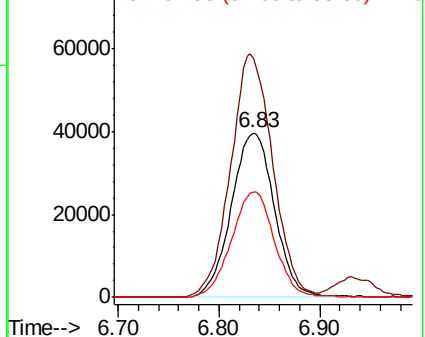
96 100

61 144.6 0.0 291.4

98 64.0 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 21.239 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

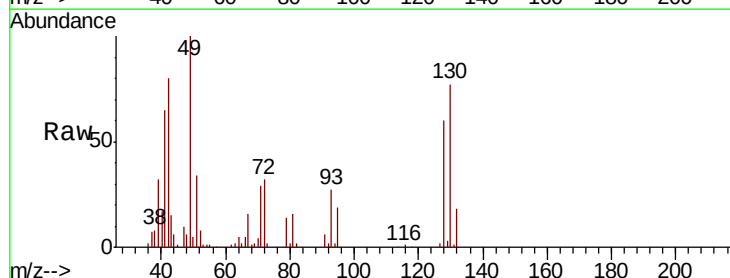
Tgt Ion: 49 Resp: 99644

Ion Ratio Lower Upper

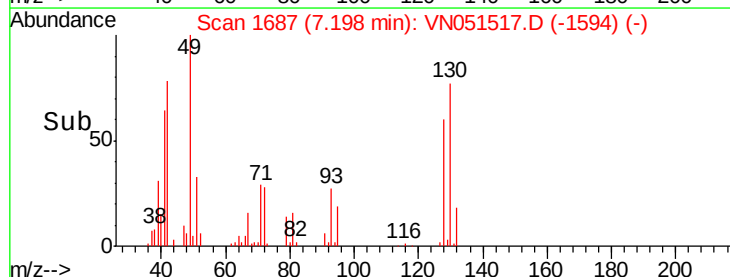
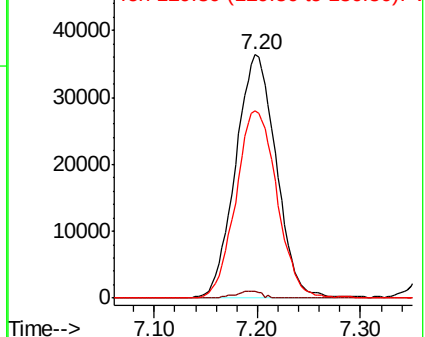
49 100

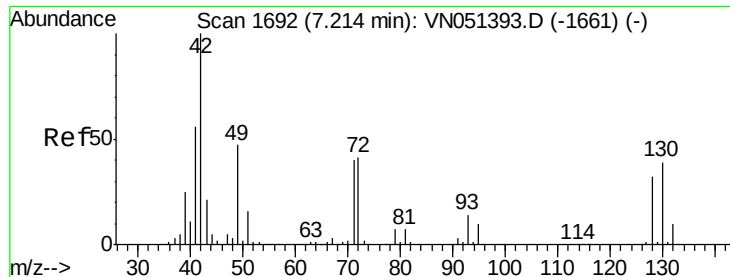
129 1.8 0.0 3.8

130 77.5 63.0 94.4



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 112.417 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS02

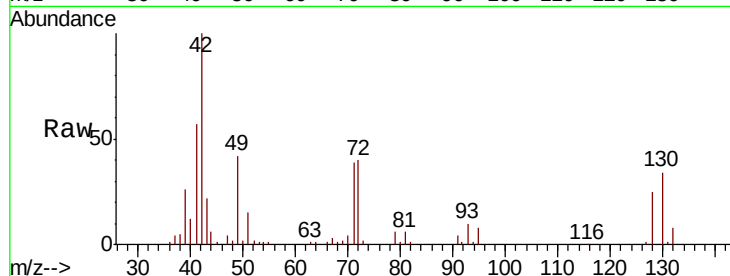
Tot Ion: 42 Resp: 144135

Ion Ratio Lower Upper

42 100

72 41.0 34.3 51.5

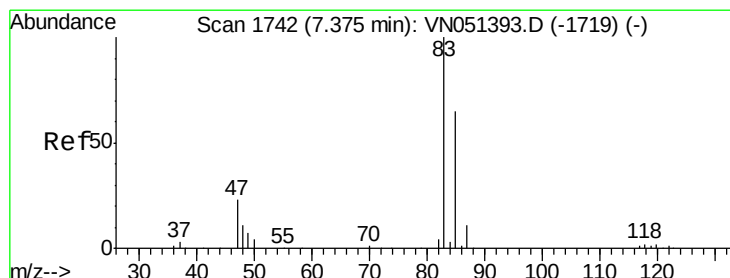
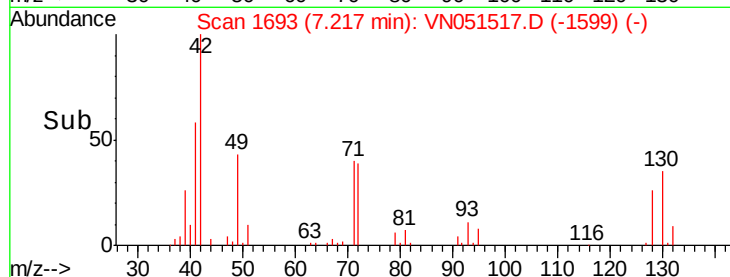
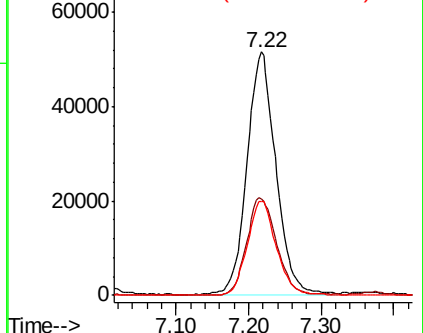
71 38.4 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 21.302 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN051517.D

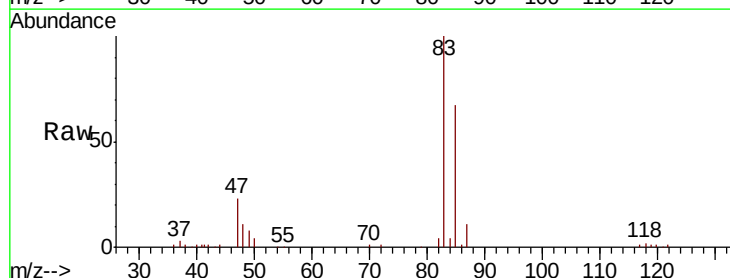
Acq: 26 Sep 2018 6:14

Tgt Ion: 83 Resp: 214436

Ion Ratio Lower Upper

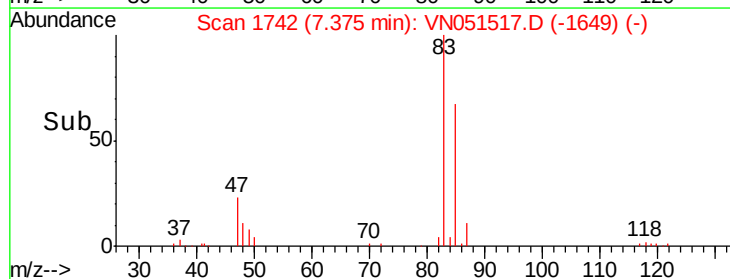
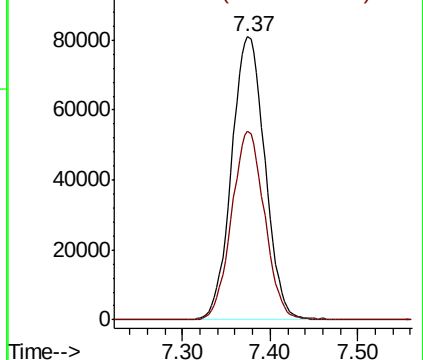
83 100

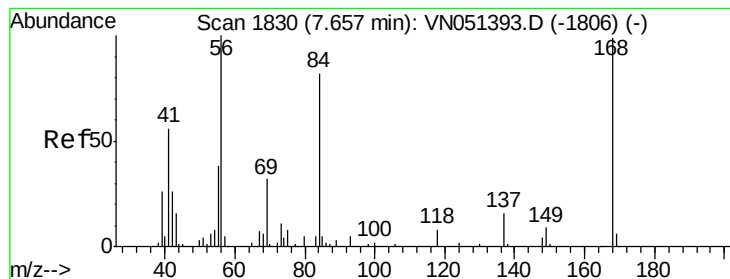
85 66.7 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.617 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS02

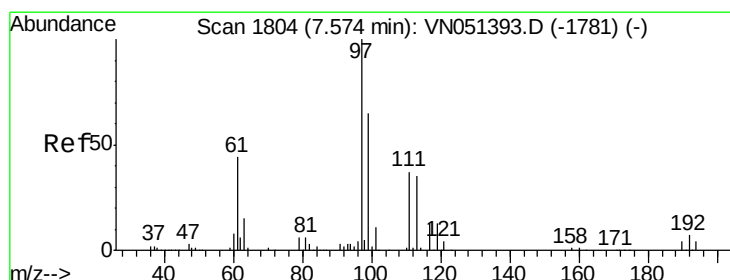
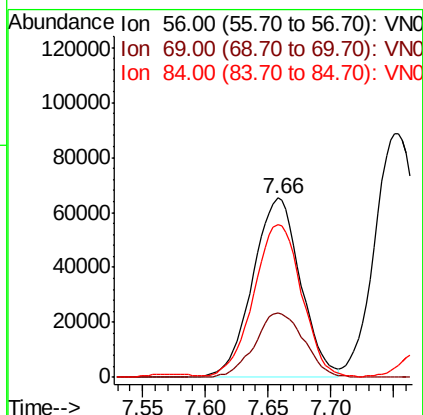
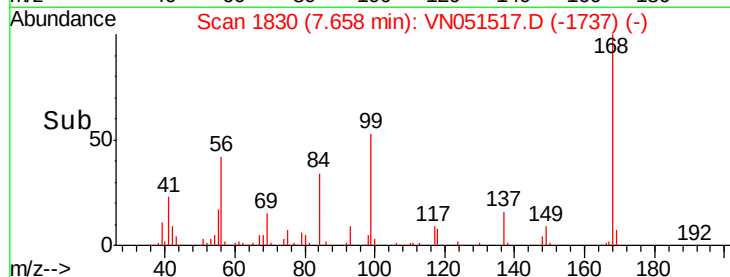
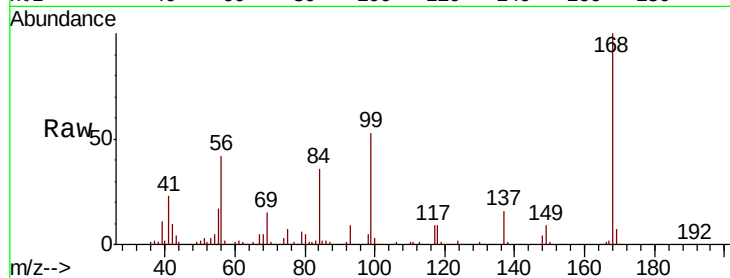
Tot Ion: 56 Resp: 173282

Ion Ratio Lower Upper

56 100

69 36.2 25.8 38.6

84 83.9 66.0 99.0



#32

1,1,1-Trichloroethane

Concen: 21.158 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

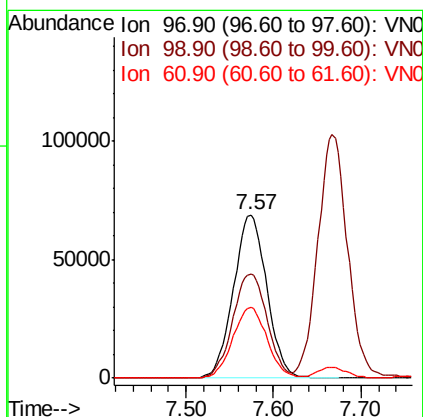
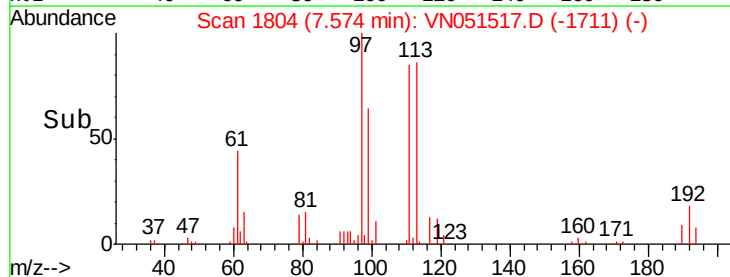
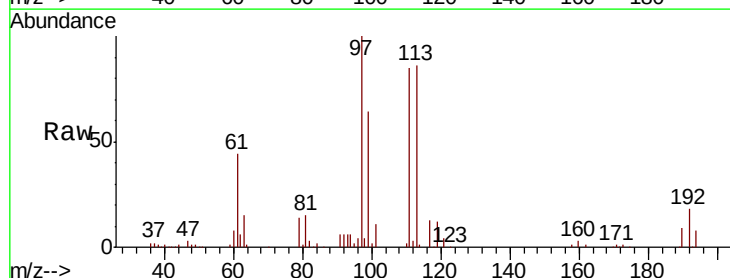
Tgt Ion: 97 Resp: 182081

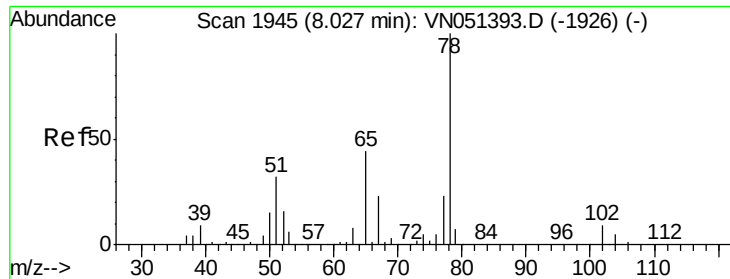
Ion Ratio Lower Upper

97 100

99 65.7 51.4 77.0

61 44.5 35.8 53.8

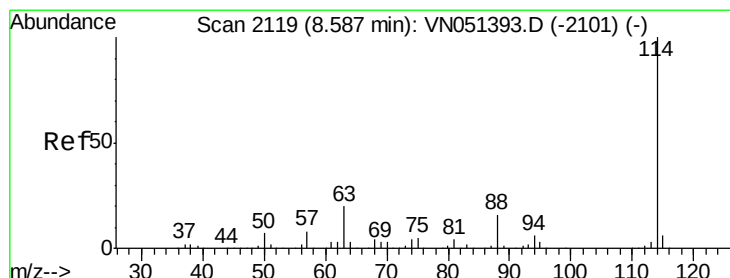
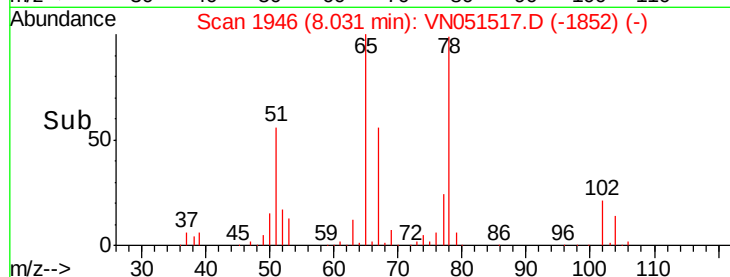
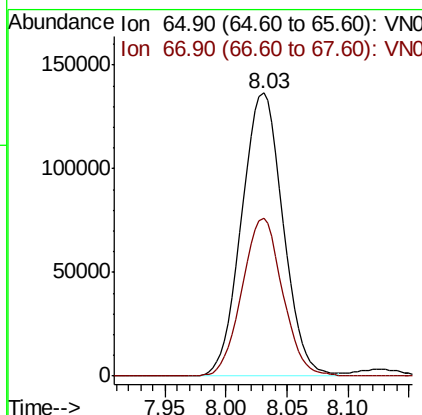
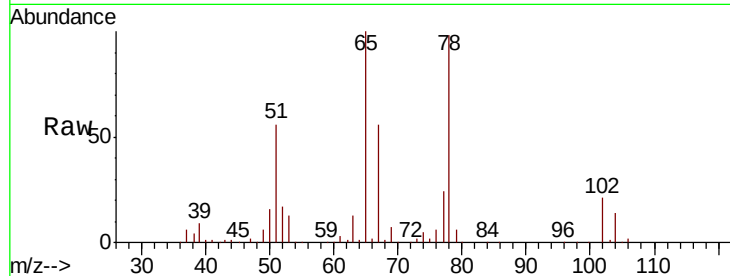




#33
 1,2-Dichloroethane-d4
 Concen: 54.315 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051517.D
 Acq: 26 Sep 2018 6:14

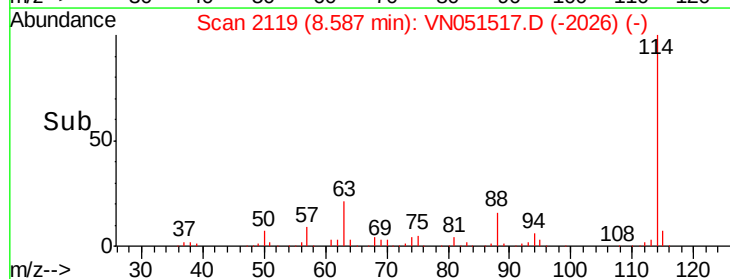
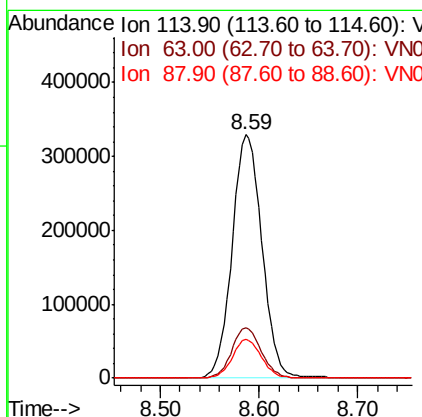
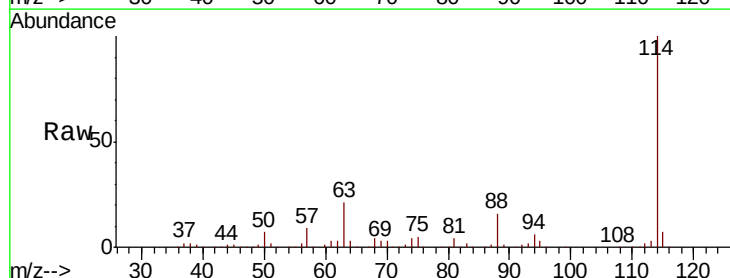
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS02

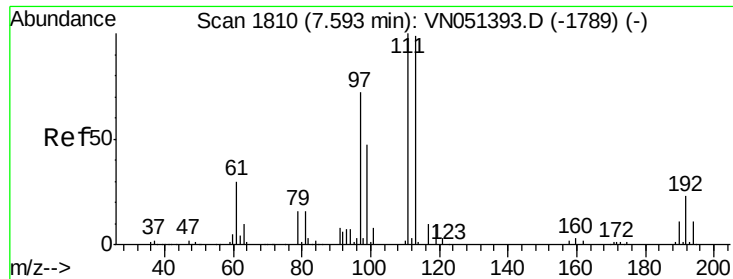
Tot Ion: 65 Resp: 321060
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051517.D
 Acq: 26 Sep 2018 6:14

Tgt Ion: 114 Resp: 695932
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.2
 88 15.9 0.0 31.4

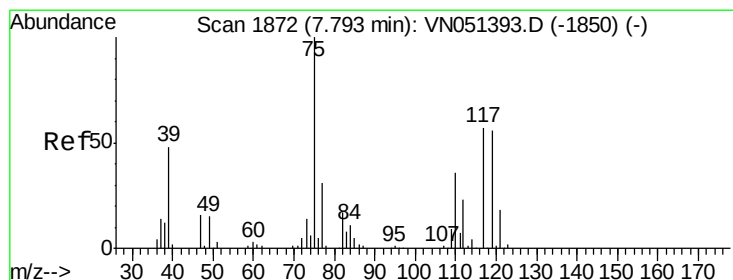
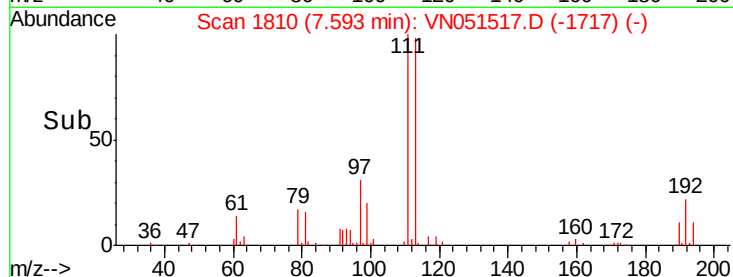
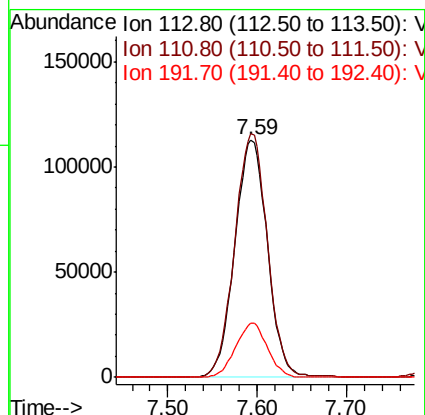
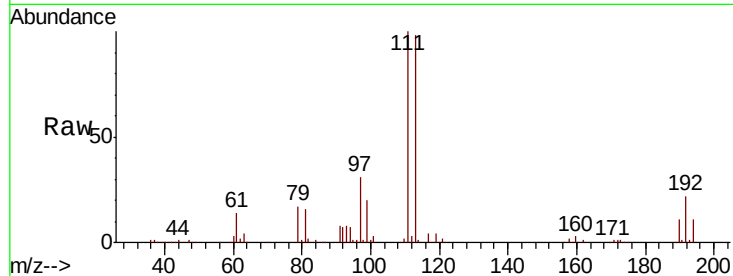




#35
 Dibromofluoromethane
 Concen: 51.635 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051517.D
 Acq: 26 Sep 2018 6:14

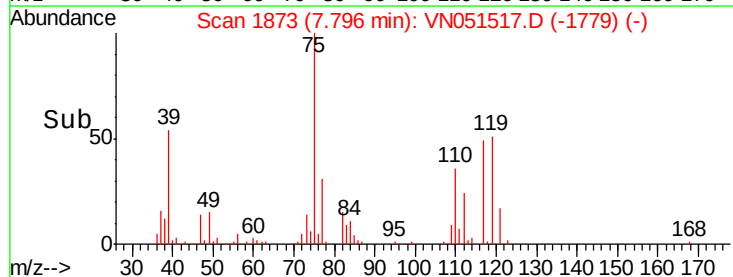
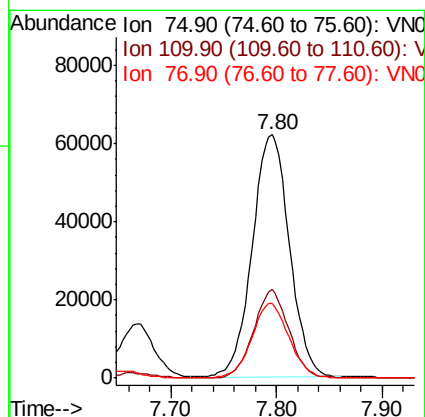
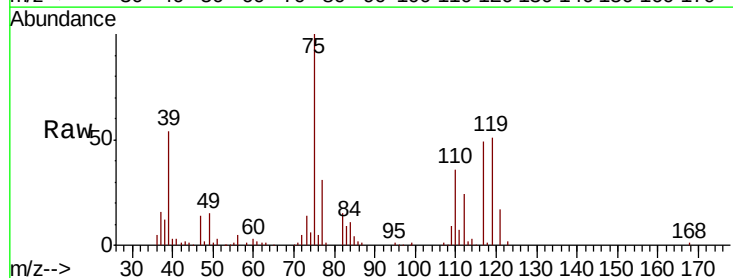
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS02

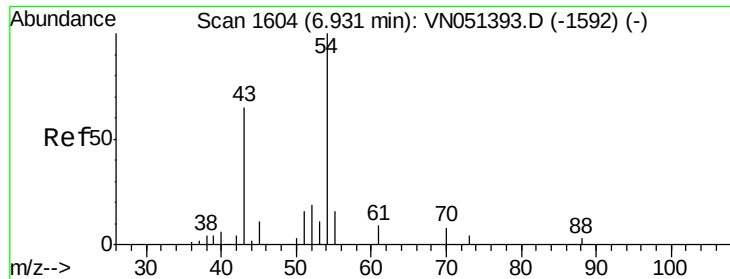
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	123.8
192	22.2	18.0	27.0



#36
 1,1-Dichloropropene
 Concen: 18.987 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN051517.D
 Acq: 26 Sep 2018 6:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.3	18.1	54.3
77	30.9	25.6	38.4

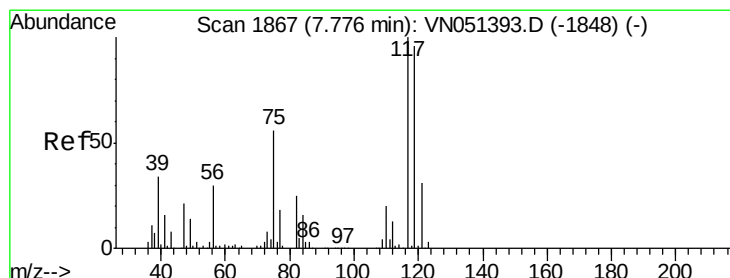
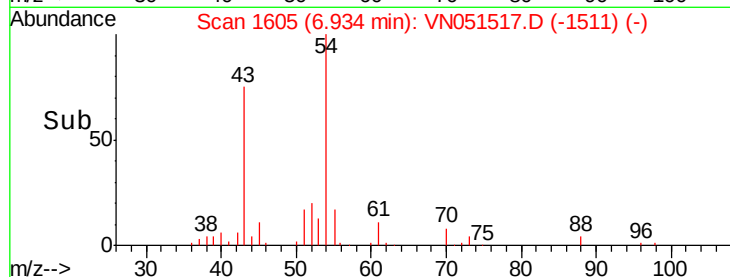
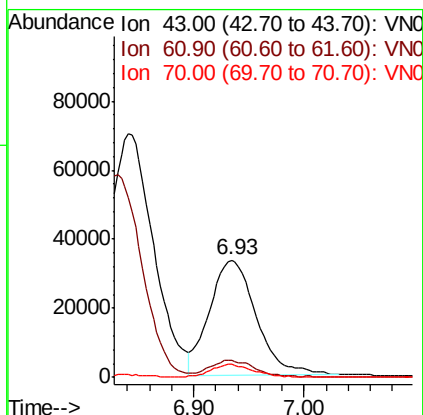
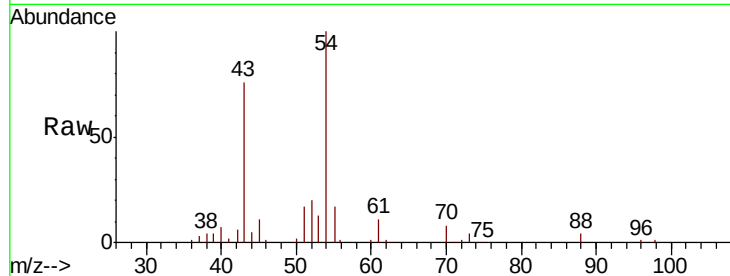




#37
Ethyl Acetate
Concen: 21.209 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

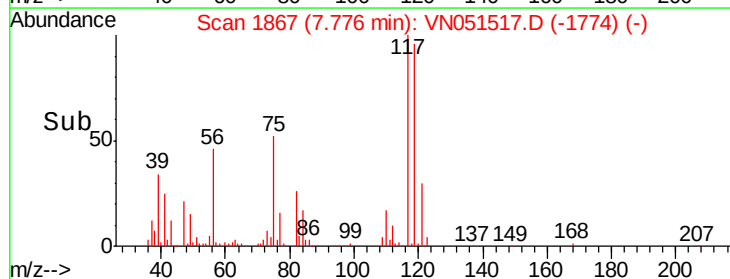
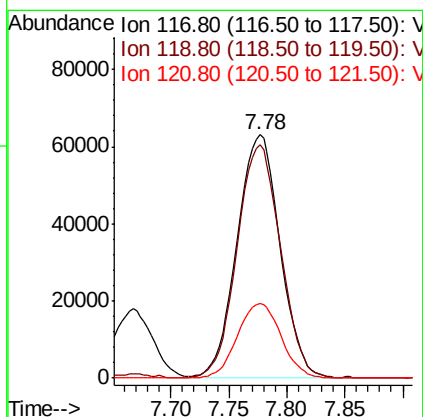
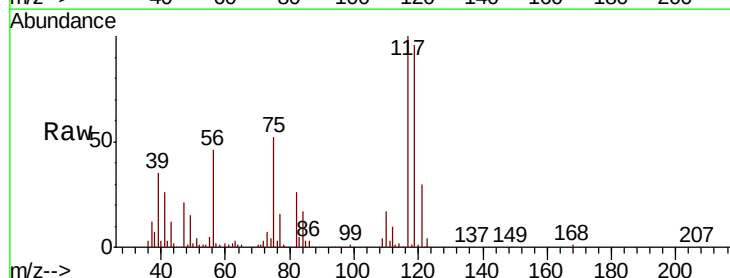
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS02

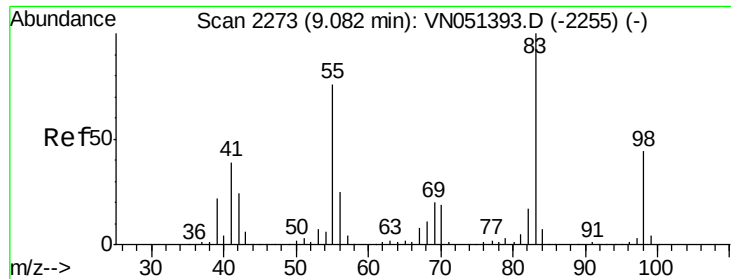
Tot Ion: 43 Resp: 98275
Ion Ratio Lower Upper
43 100
61 13.0 11.5 17.3
70 10.4 7.9 11.9



#38
Carbon Tetrachloride
Concen: 19.263 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

Tgt Ion: 117 Resp: 162371
Ion Ratio Lower Upper
117 100
119 95.6 76.9 115.3
121 30.6 24.6 37.0

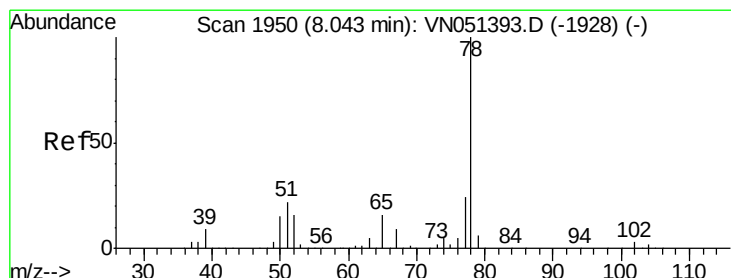
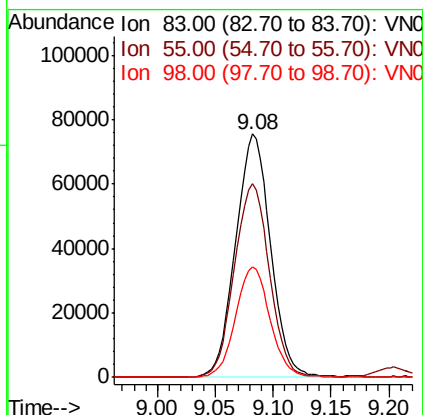
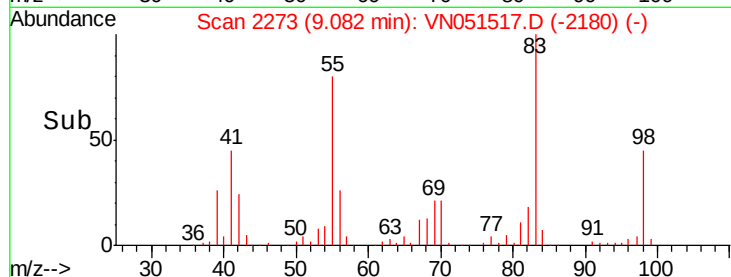
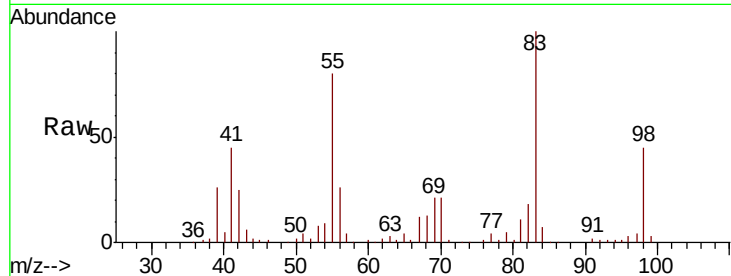




#39
Methylvlcyclohexane
Concen: 16.827 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

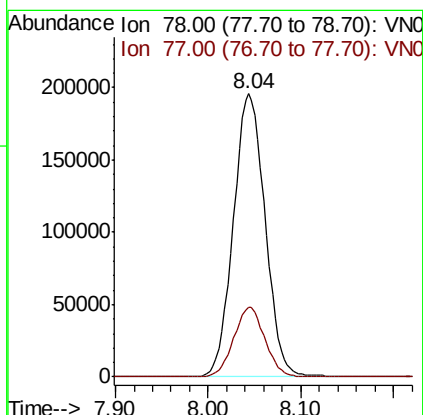
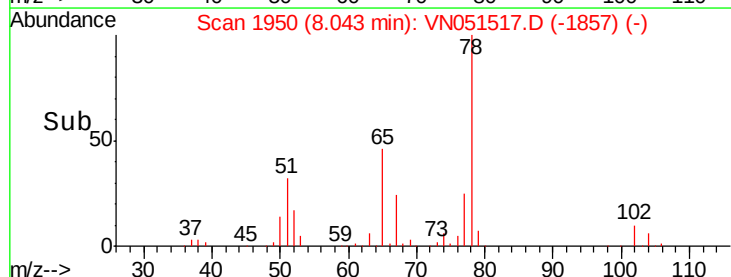
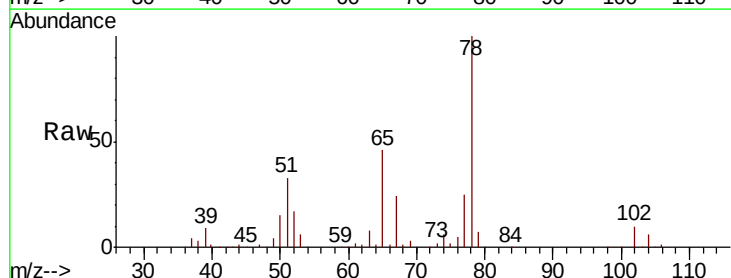
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS02

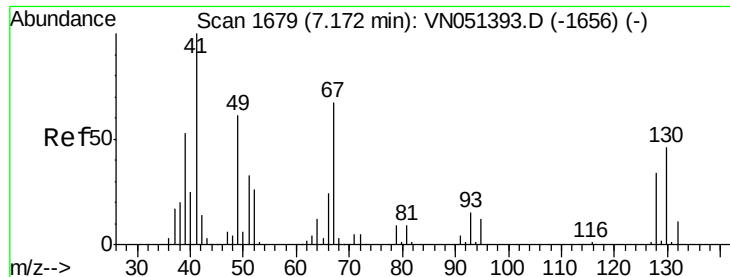
Tot Ion: 83 Resp: 158530
Ion Ratio Lower Upper
83 100
55 79.8 61.0 91.4
98 45.4 35.6 53.4



#40
Benzene
Concen: 19.666 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

Tgt Ion: 78 Resp: 465360
Ion Ratio Lower Upper
78 100
77 24.8 19.2 28.8

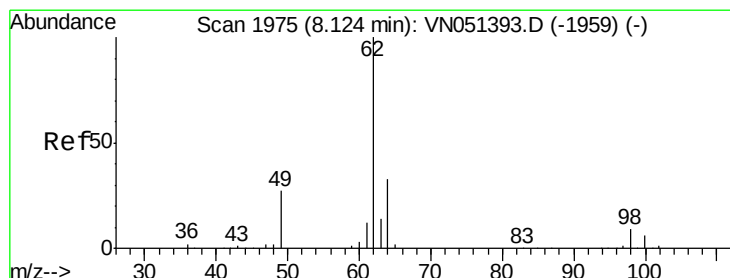
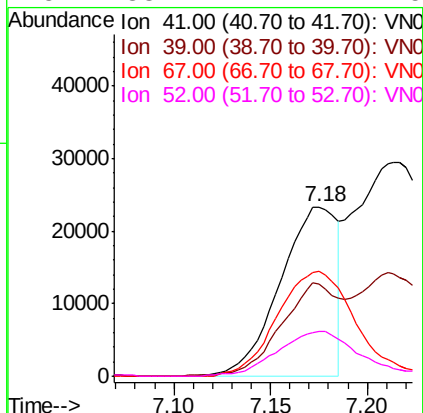
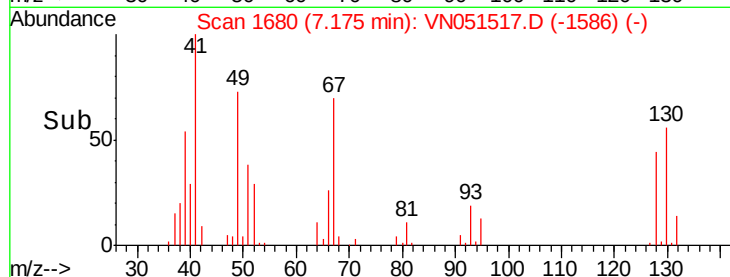
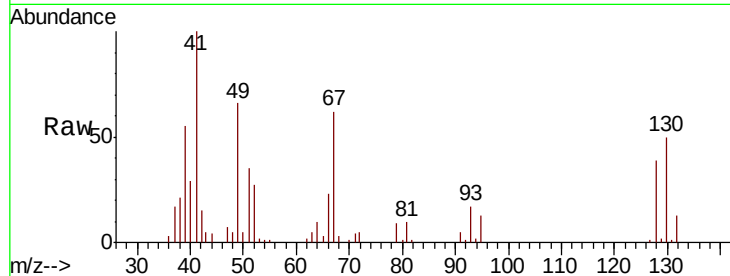




#41
Methacrylonitrile
Concen: 18.617 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

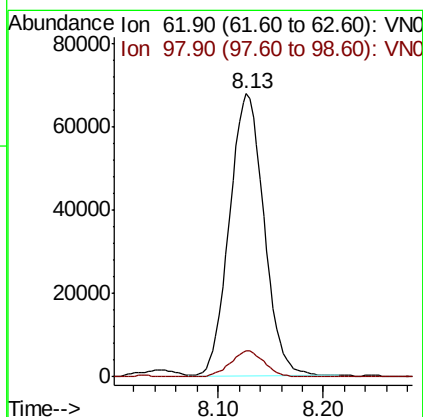
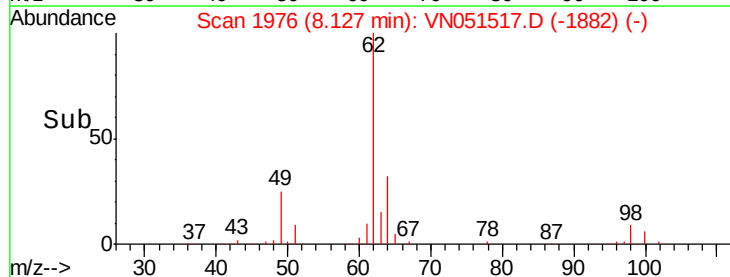
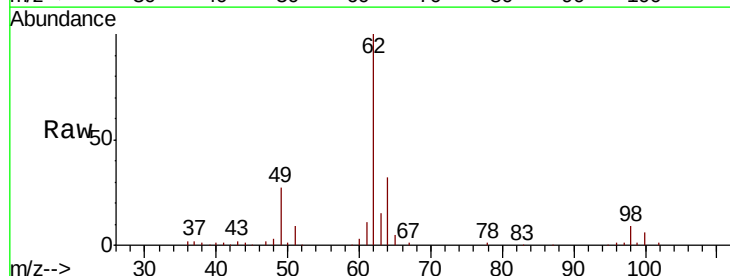
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS02

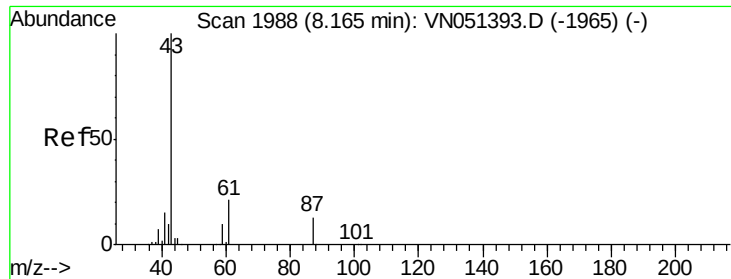
Tot Ion: 41 Resp: 47724
Ion Ratio Lower Upper
41 100
39 57.0 51.4 77.2
67 85.3 66.8 100.2
52 38.7 27.7 41.5



#42
1,2-Dichloroethane
Concen: 20.401 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

Tgt Ion: 62 Resp: 154580
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.6





#43

Isopropyl Acetate

Concen: 21.454 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS02

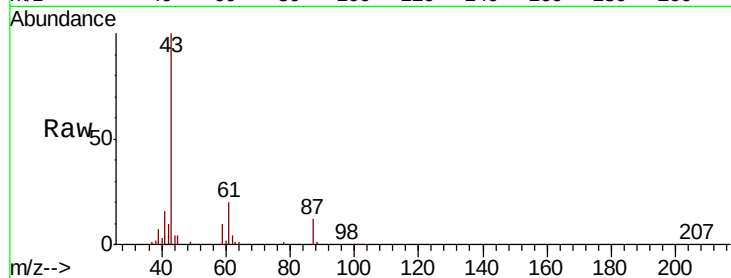
Tot Ion: 43 Resp: 179761

Ion Ratio Lower Upper

43 100

61 17.7 16.8 25.2

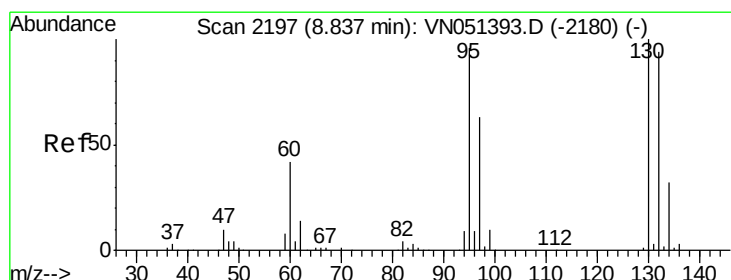
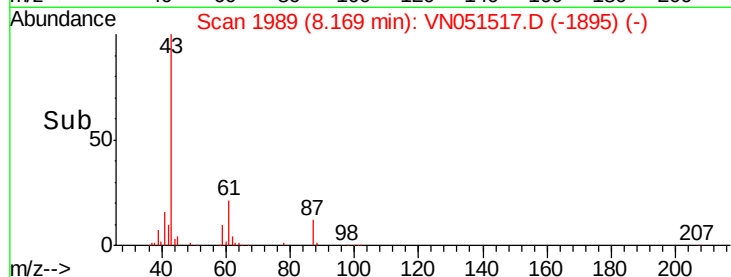
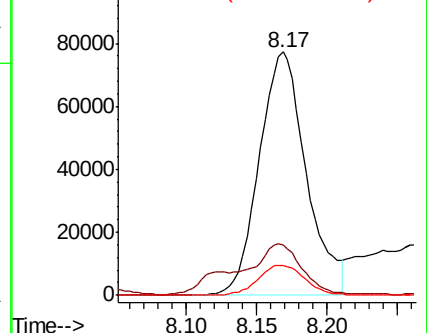
87 12.3 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051393.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051393.D (-1965) (-)



#44

Trichloroethene

Concen: 19.144 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN051517.D

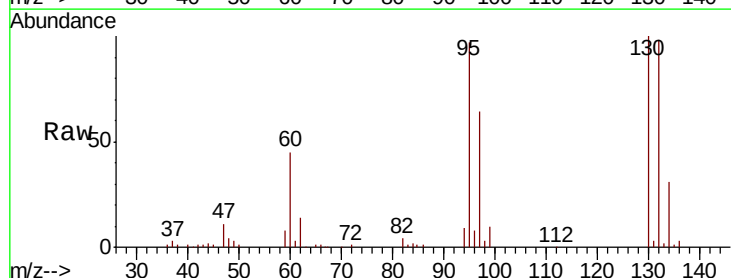
Acq: 26 Sep 2018 6:14

Tgt Ion:130 Resp: 120320

Ion Ratio Lower Upper

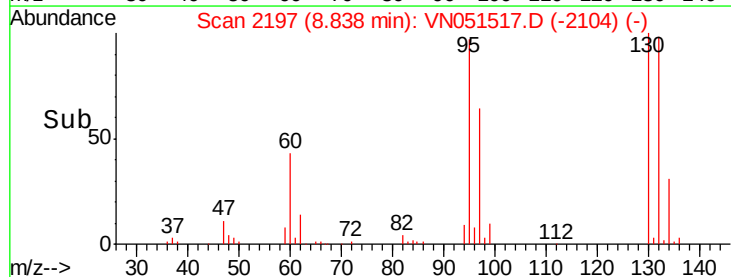
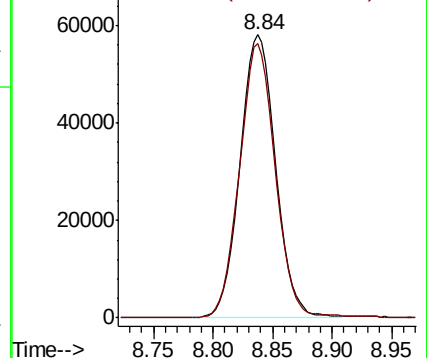
130 100

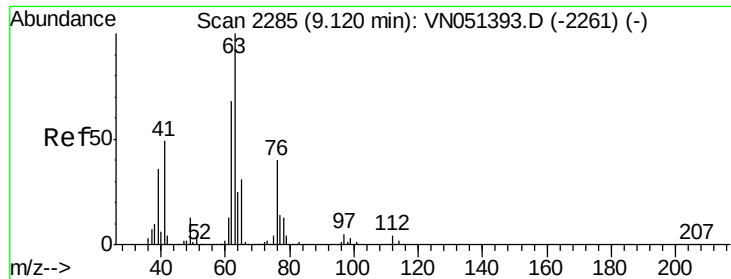
95 97.1 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VN051393.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN051393.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 20.416 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampleId :

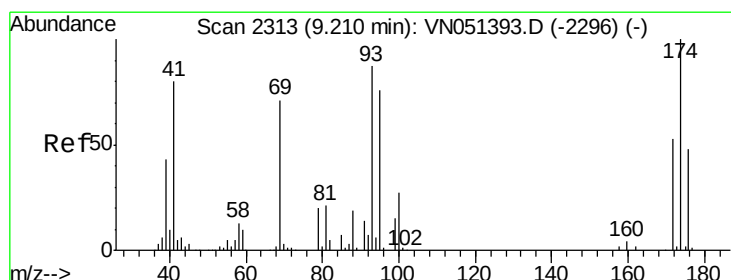
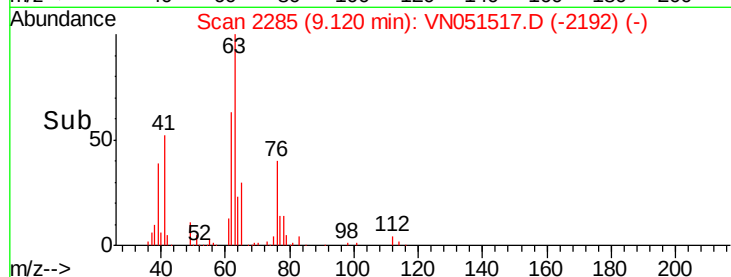
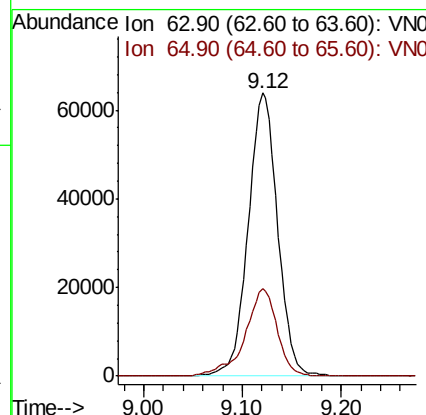
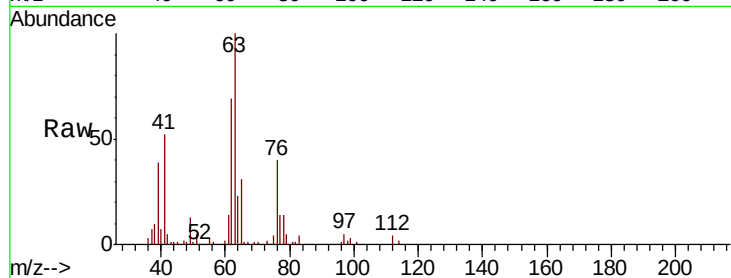
VN0926WBS02

Tot Ion: 63 Resp: 131320

Ion Ratio Lower Upper

63 100

65 30.7 24.9 37.3



#46

Dibromomethane

Concen: 20.370 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

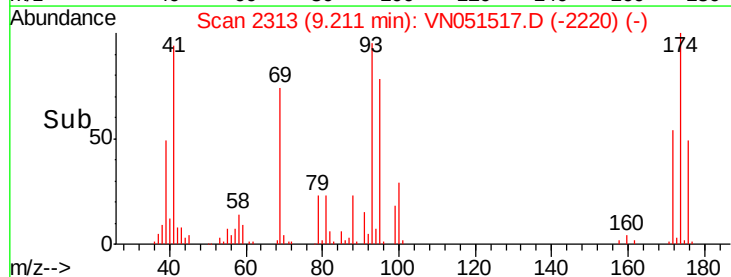
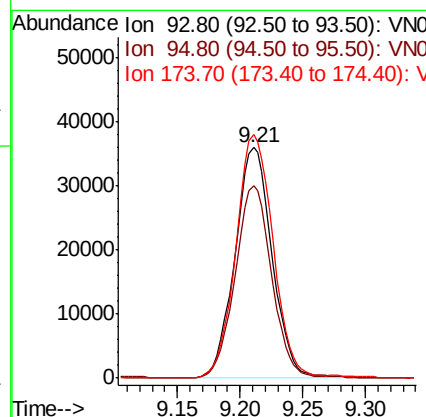
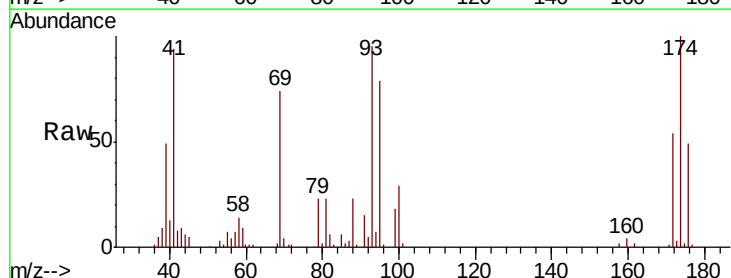
Tgt Ion: 93 Resp: 74035

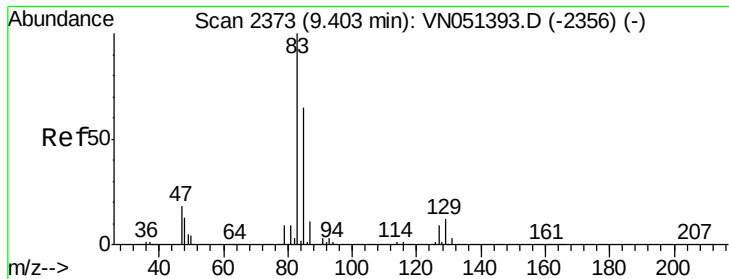
Ion Ratio Lower Upper

93 100

95 82.1 67.6 101.4

174 105.7 89.6 134.4





#47

Bromodichloromethane

Concen: 20.229 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS02

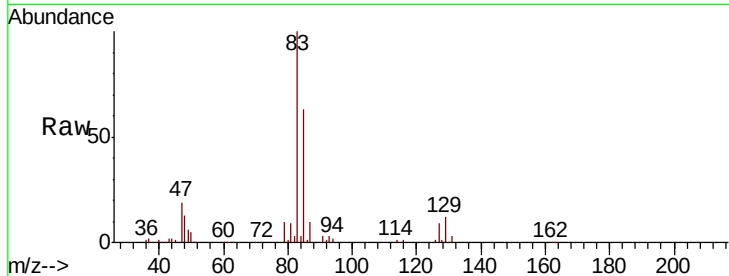
Tot Ion: 83 Resp: 162699

Ion Ratio Lower Upper

83 100

85 63.1 51.8 77.6

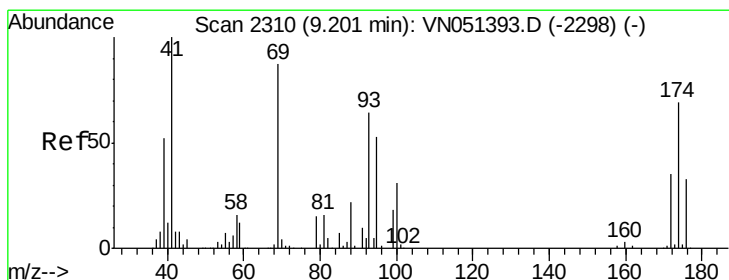
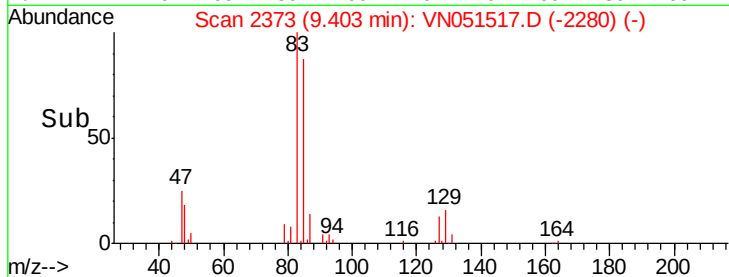
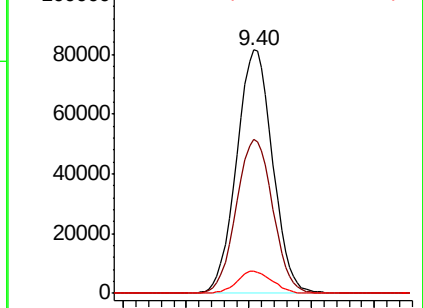
127 9.2 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 19.596 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

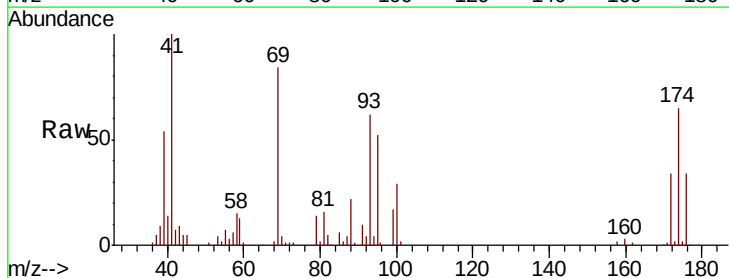
Tgt Ion: 41 Resp: 81862

Ion Ratio Lower Upper

41 100

69 87.7 70.4 105.6

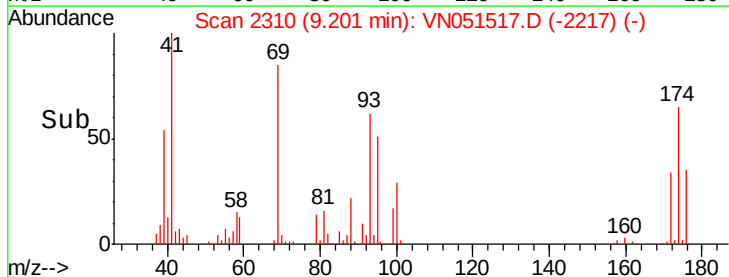
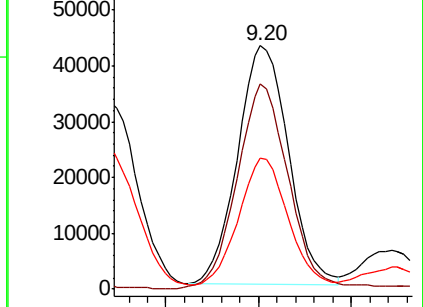
39 54.0 43.8 65.8

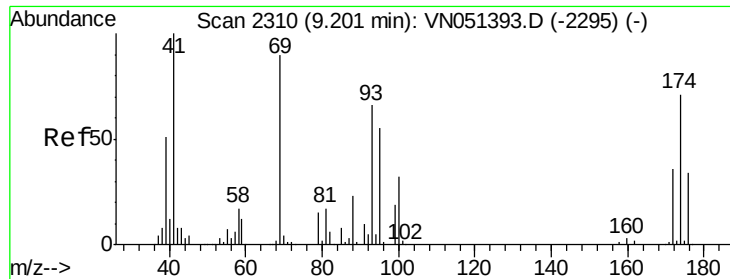


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 407.586 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS02

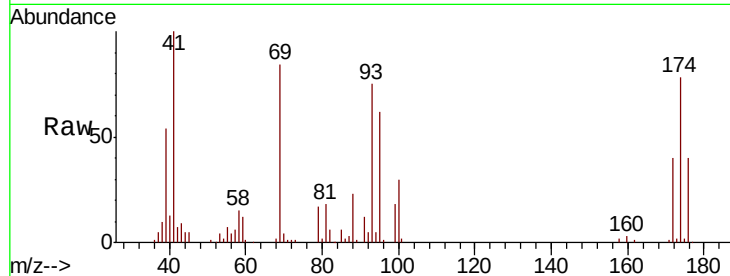
Tot Ion: 88 Resp: 20867

Ion Ratio Lower Upper

88 100

43 34.3 25.9 38.9

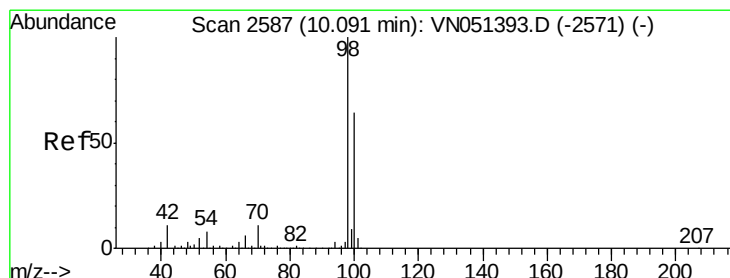
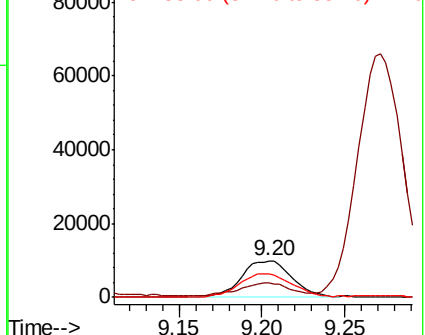
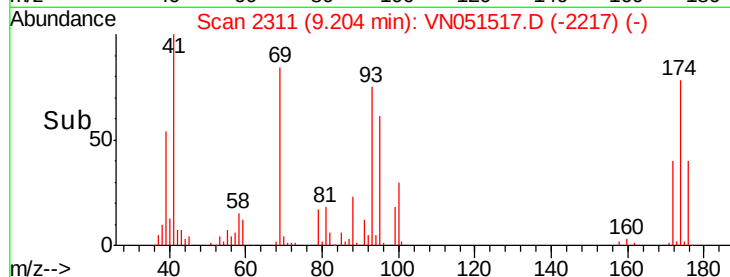
58 68.3 57.0 85.4



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.376 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051517.D

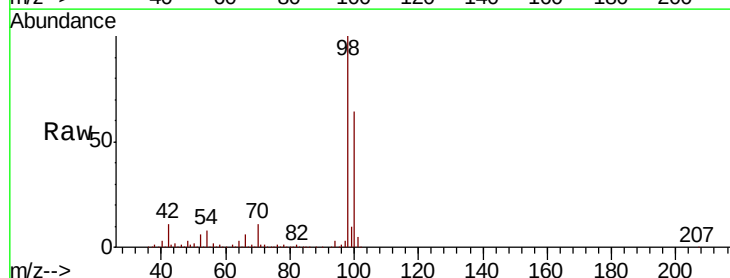
Acq: 26 Sep 2018 6:14

Tgt Ion: 98 Resp: 1034719

Ion Ratio Lower Upper

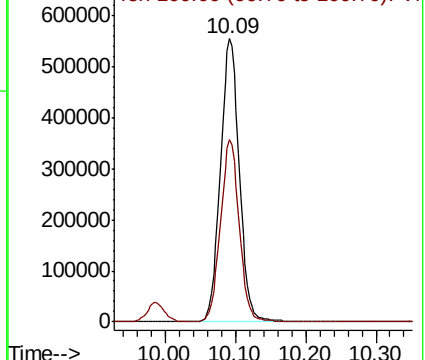
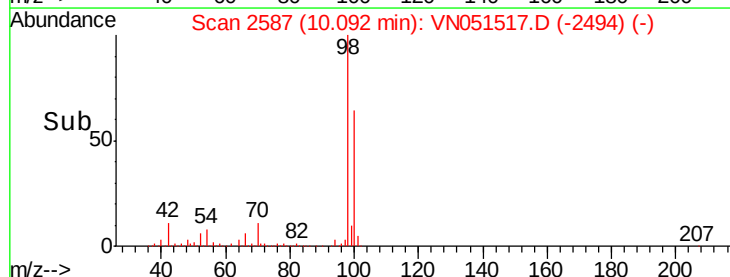
98 100

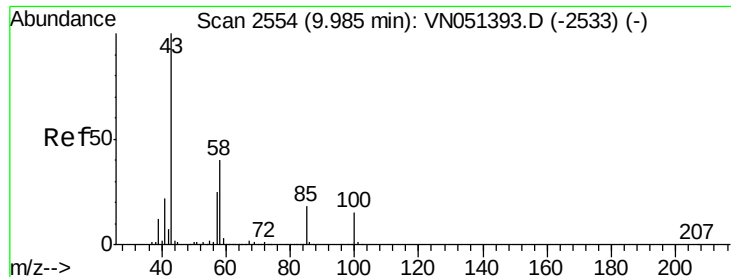
100 63.7 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 103.768 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampled :

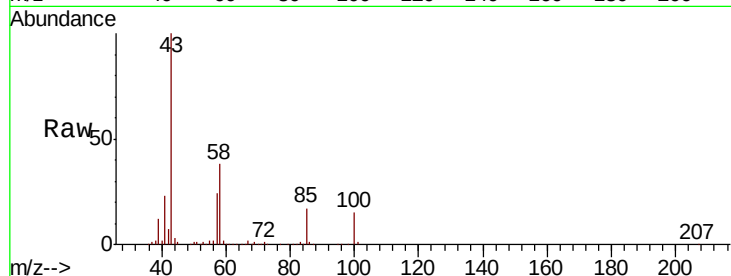
VN0926WBS02

Tot Ion: 43 Resp: 478171

Ion Ratio Lower Upper

43 100

58 38.1 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN051393.D (-2533) (-)

9.99

250000

200000

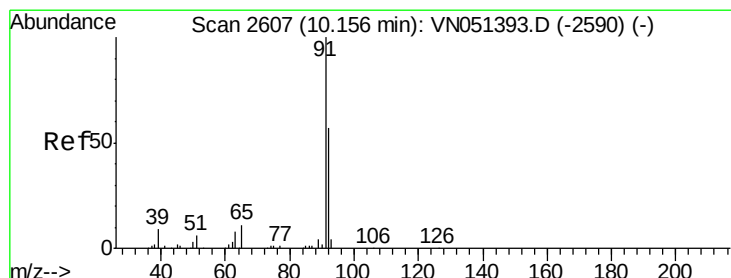
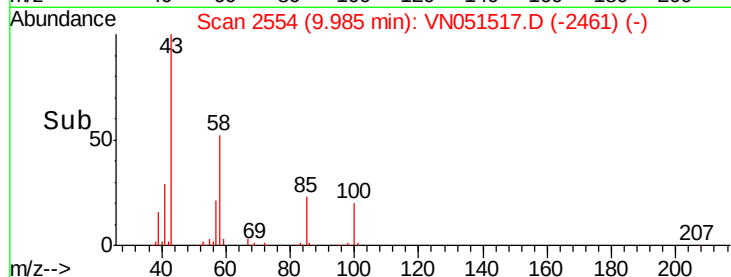
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.124 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051517.D

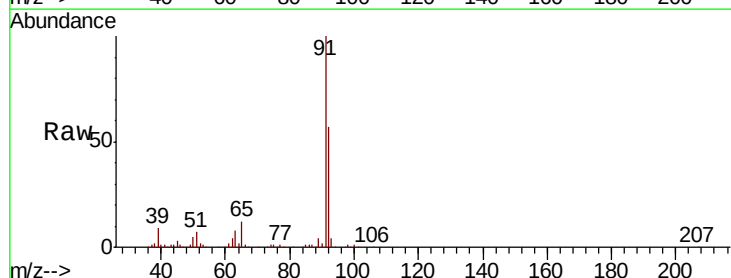
Acq: 26 Sep 2018 6:14

Tgt Ion: 92 Resp: 281236

Ion Ratio Lower Upper

92 100

91 175.8 142.2 213.4



Abundance Ion 92.00 (91.70 to 92.70): VN051393.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN051393.D (-2590) (-)

10.16

250000

200000

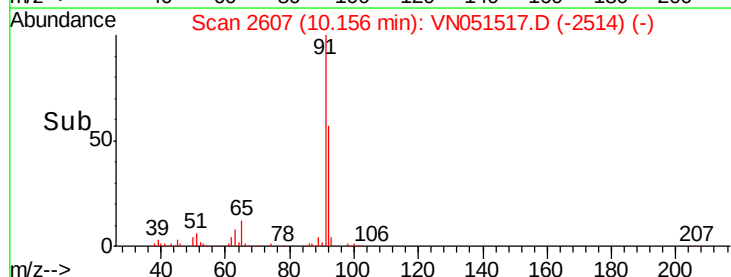
150000

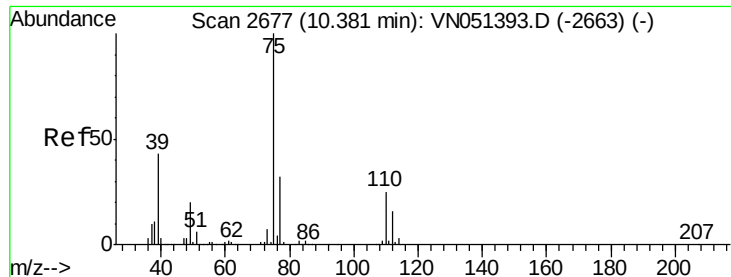
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.903 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampleId :

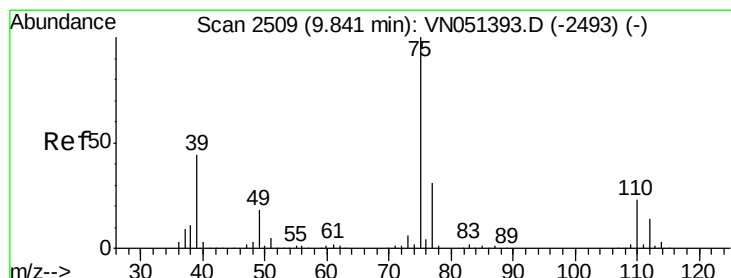
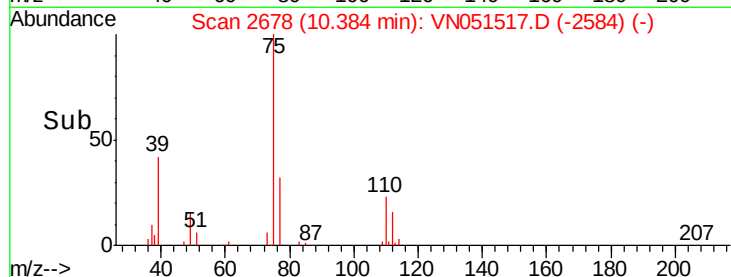
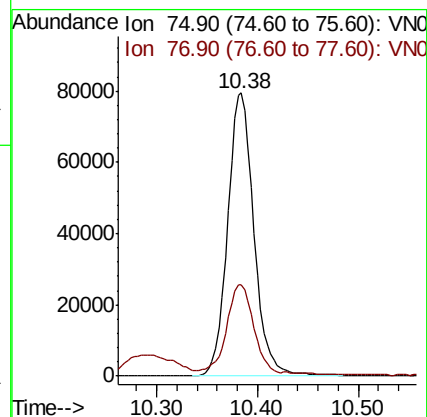
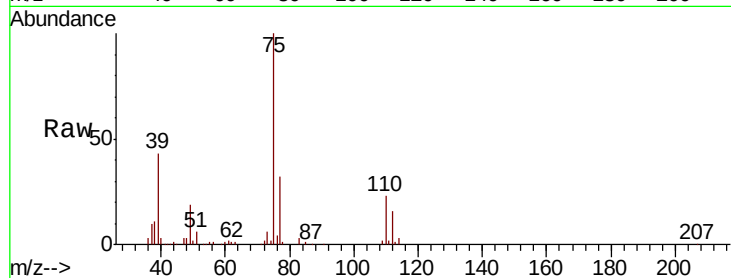
VN0926WBS02

Tot Ion: 75 Resp: 145372

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 18.244 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

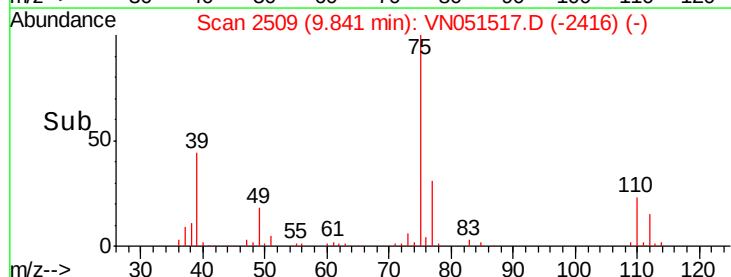
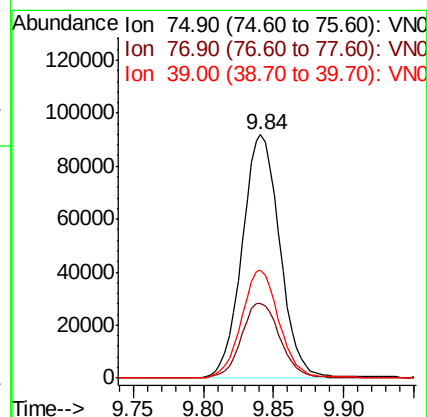
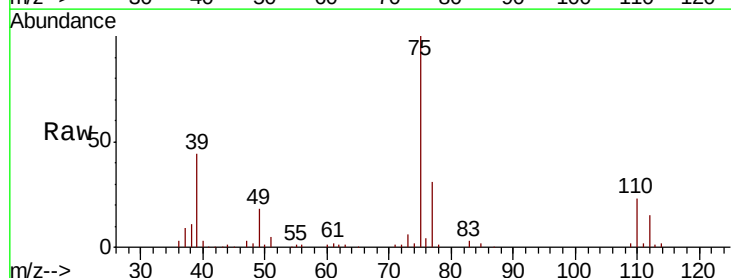
Tgt Ion: 75 Resp: 171792

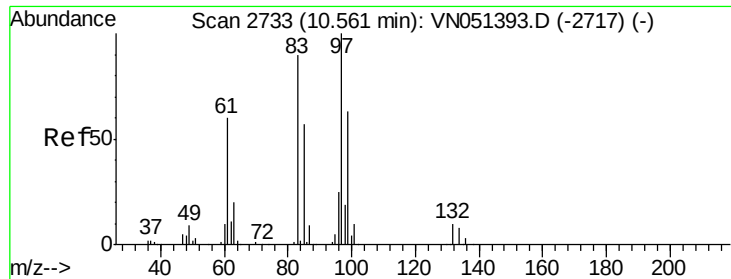
Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8

39 44.2 35.4 53.2

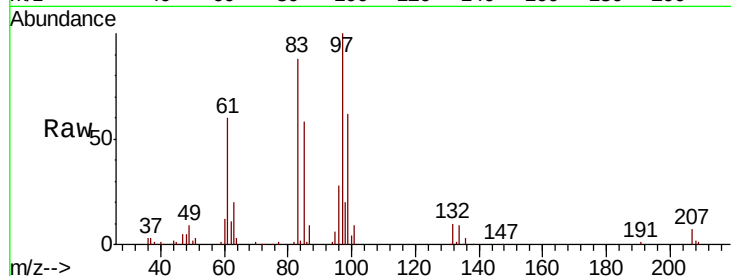




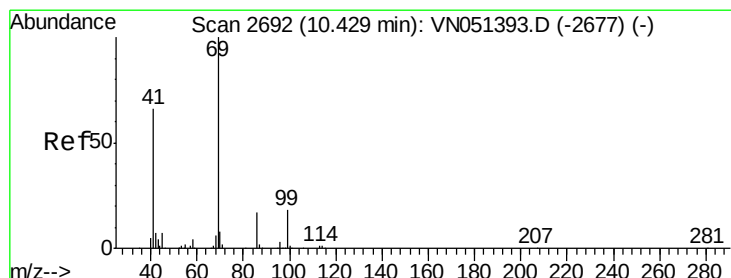
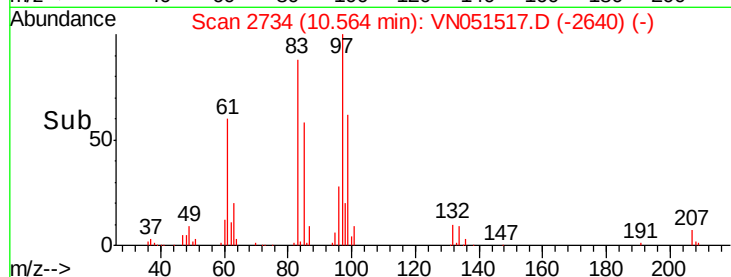
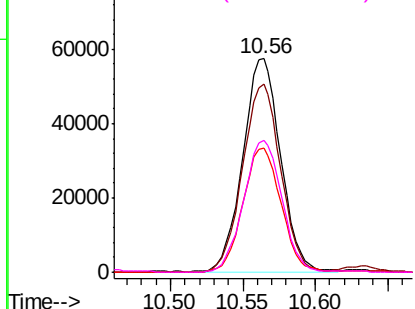
#55
 1,1,2-Trichloroethane
 Concen: 20.178 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN051517.D
 Acq: 26 Sep 2018 6:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS02

Tot Ion: 97 Resp: 104869
 Ion Ratio Lower Upper
 97 100
 83 88.0 72.0 108.0
 85 58.1 45.2 67.8
 99 61.7 50.7 76.1

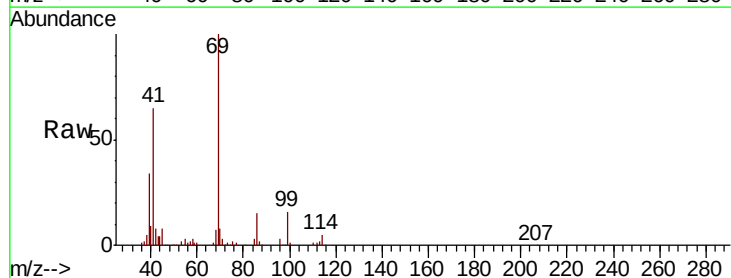


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

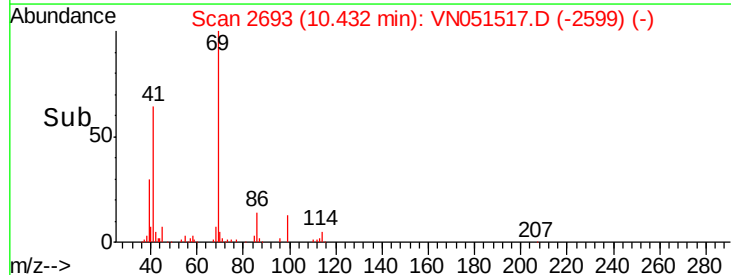
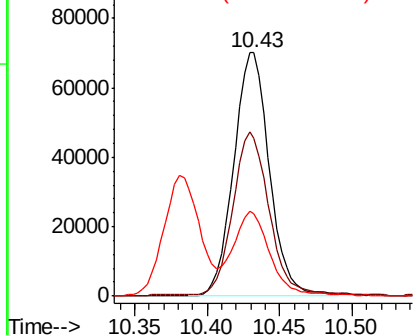


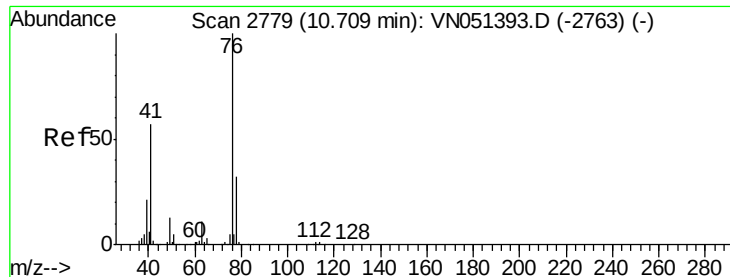
#56
 Ethyl methacrylate
 Concen: 18.928 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN051517.D
 Acq: 26 Sep 2018 6:14

Tgt Ion: 69 Resp: 120276
 Ion Ratio Lower Upper
 69 100
 41 67.1 52.4 78.6
 39 35.7 26.3 39.5



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





#57

1,3-Dichloropropane

Concen: 19.864 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampled :

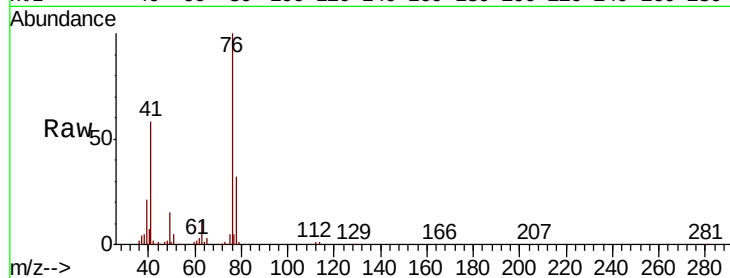
VN0926WBS02

Tot Ion: 76 Resp: 176951

Ion Ratio Lower Upper

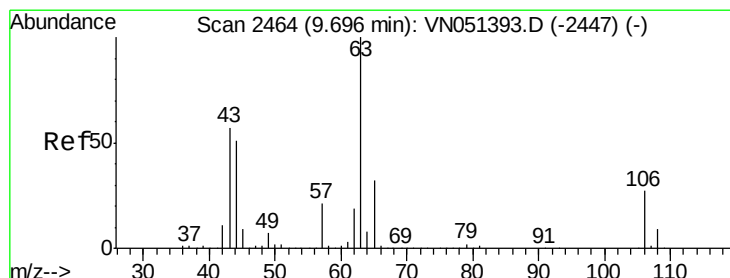
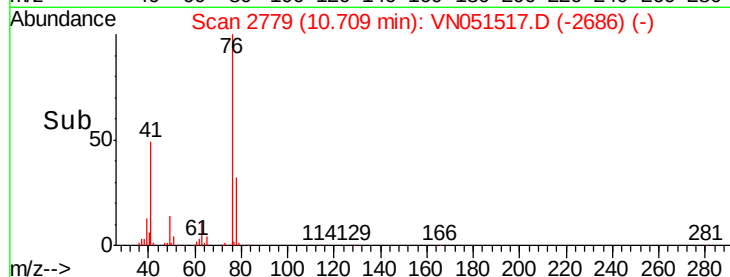
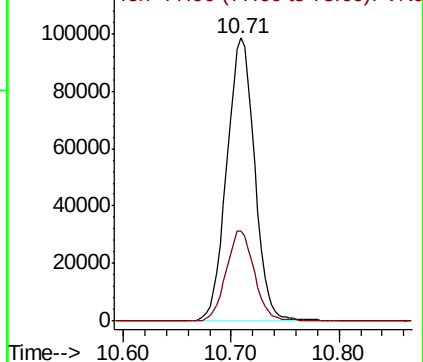
76 100

78 32.3 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 102.561 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051517.D

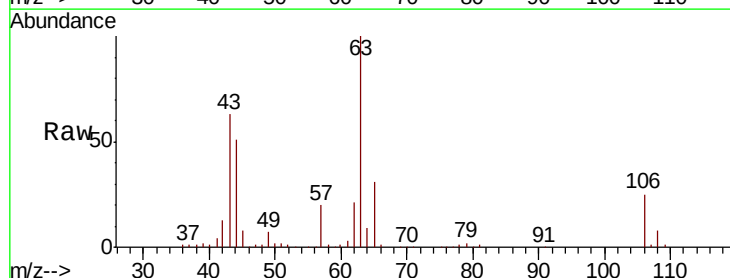
Acq: 26 Sep 2018 6:14

Tgt Ion: 63 Resp: 307711

Ion Ratio Lower Upper

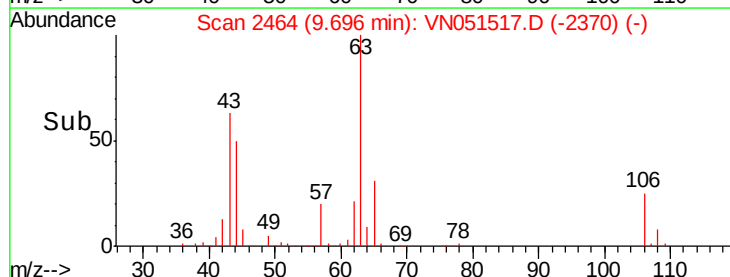
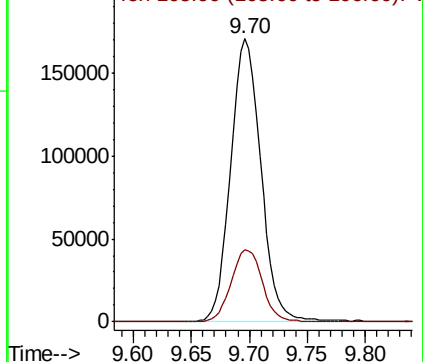
63 100

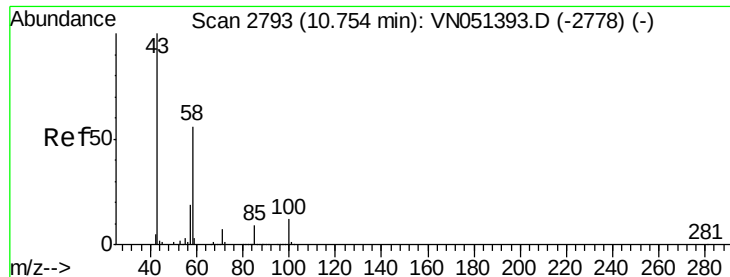
106 26.4 21.4 32.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

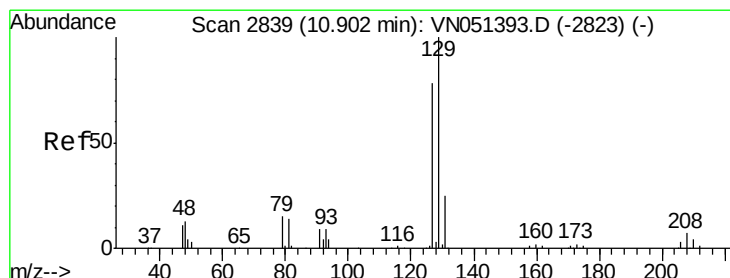
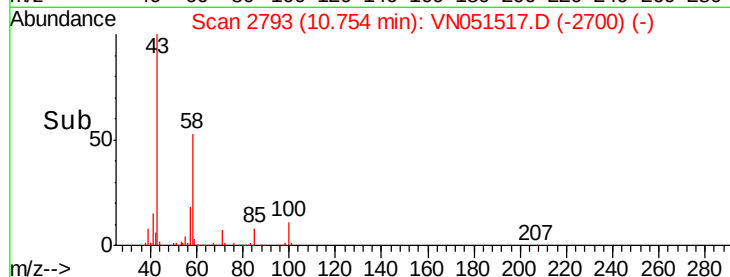
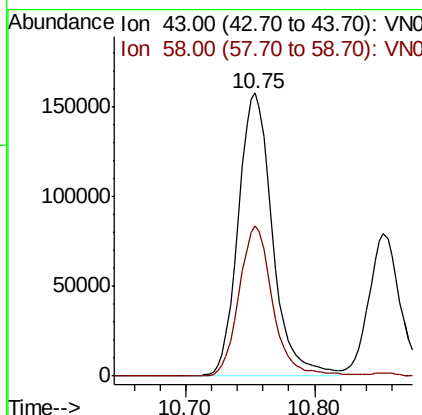
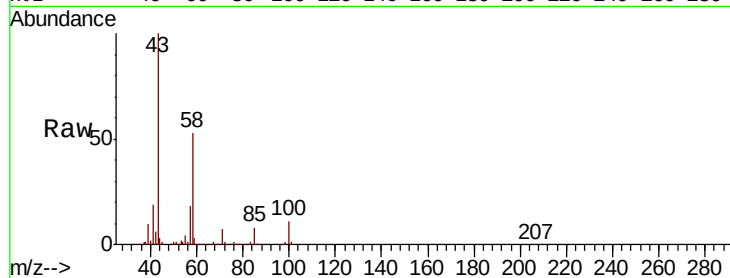




#59
2-Hexanone
Concen: 96.972 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

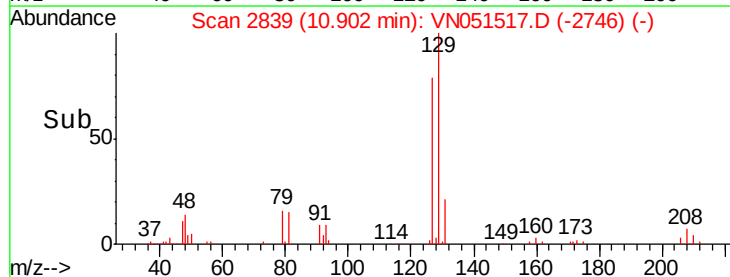
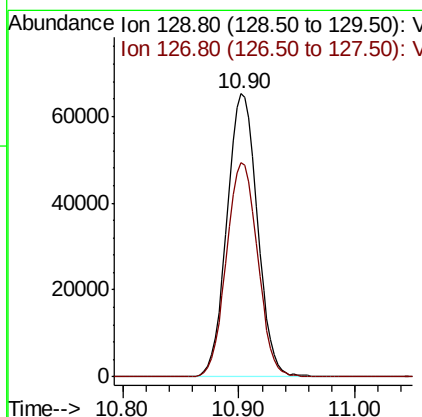
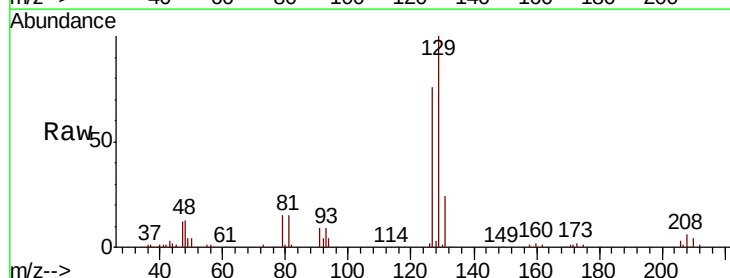
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS02

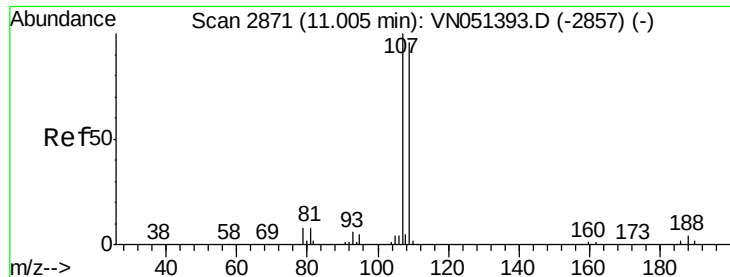
Tot Ion: 43 Resp: 289678
Ion Ratio Lower Upper
43 100
58 52.6 27.7 83.0



#60
Dibromochloromethane
Concen: 19.255 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

Tgt Ion: 129 Resp: 118076
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.601 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampleId :

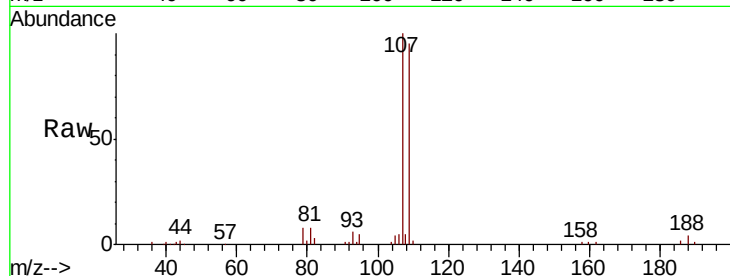
VN0926WBS02

Tot Ion: 107 Resp: 98890

Ion Ratio Lower Upper

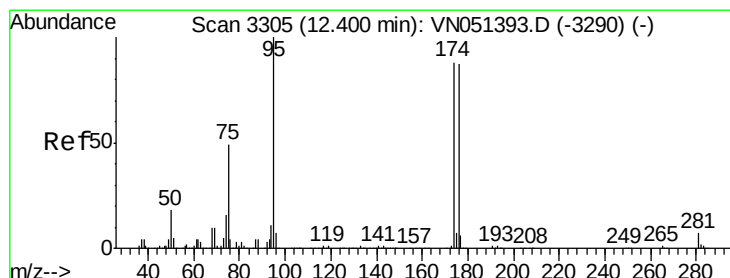
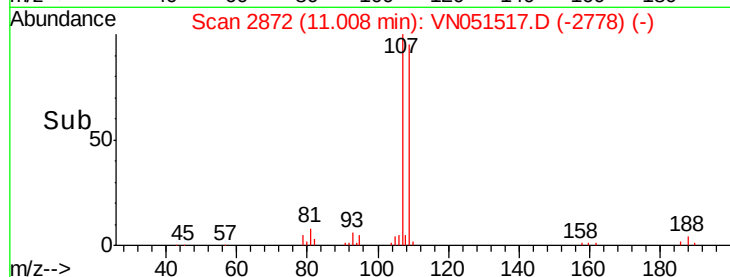
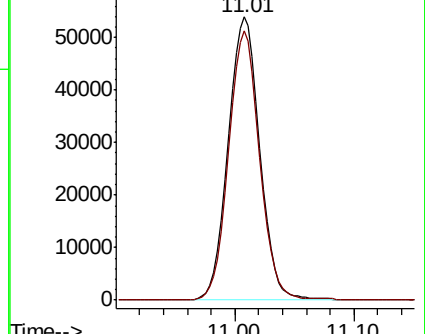
107 100

109 93.2 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.853 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

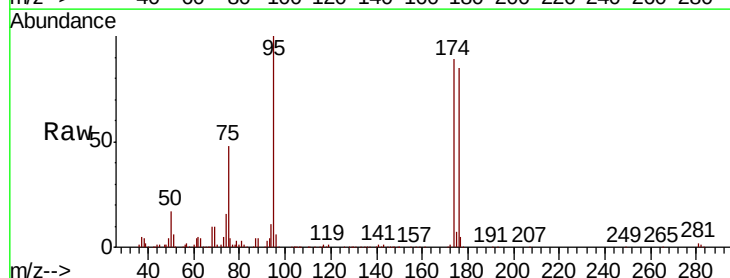
Tgt Ion: 95 Resp: 324407

Ion Ratio Lower Upper

95 100

174 88.4 0.0 181.6

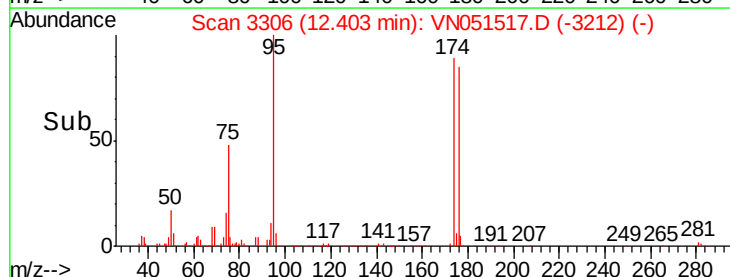
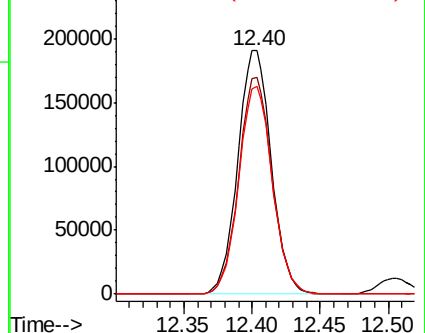
176 85.5 0.0 176.4

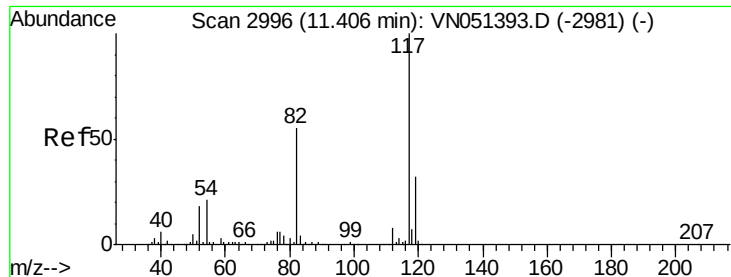


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

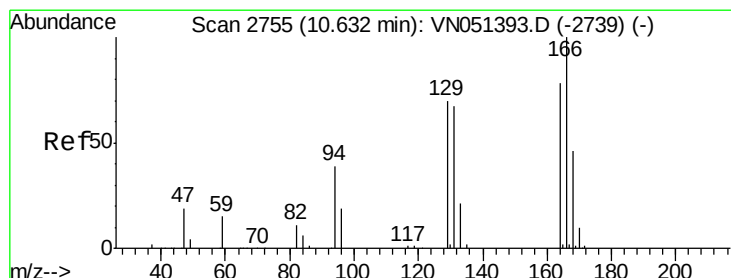
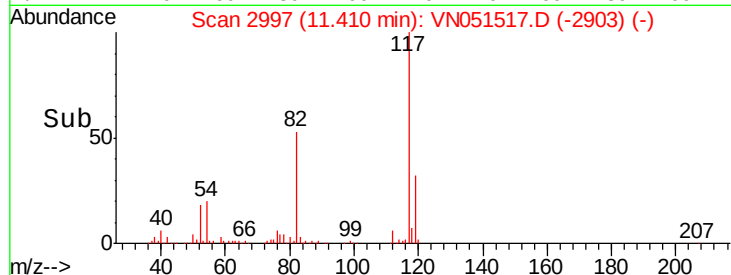
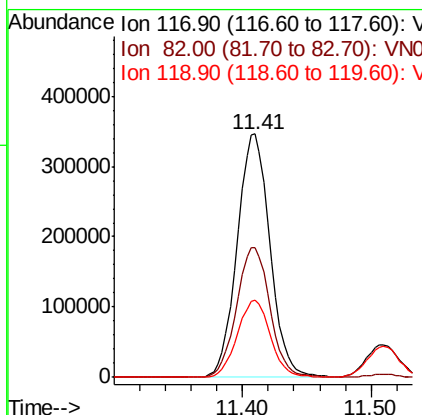
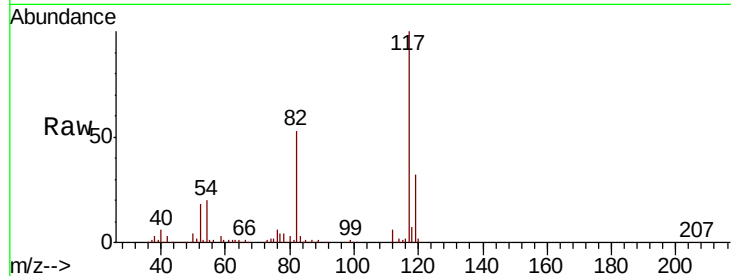




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

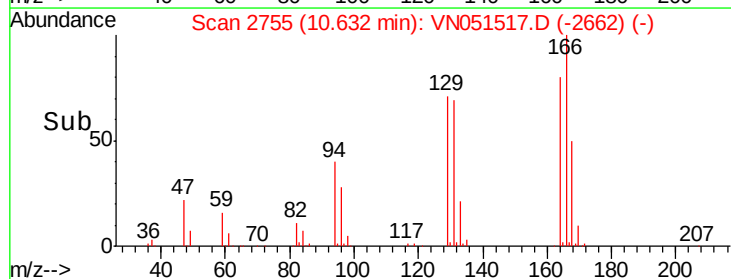
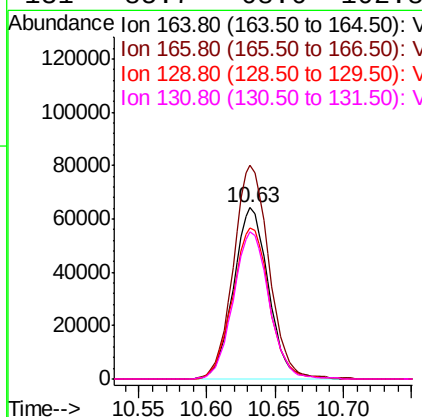
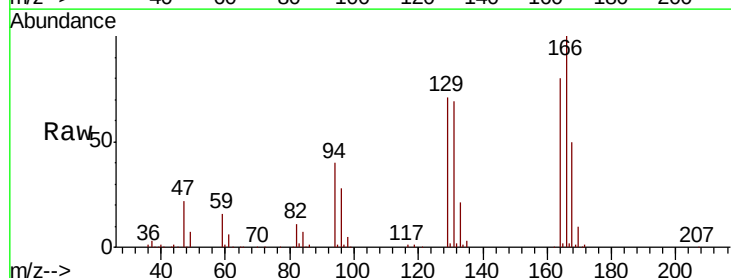
Instrument :
MSVOA_N
ClientSampled :
VN0926WBS02

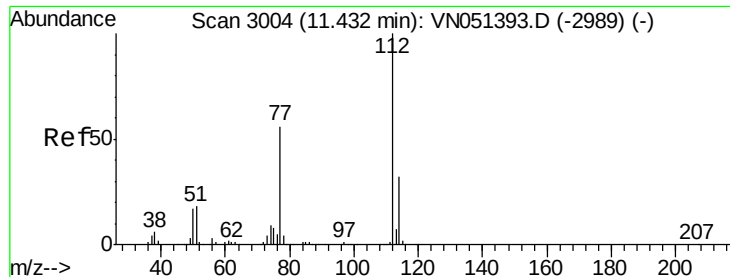
Tot Ion:117 Resp: 613485
Ion Ratio Lower Upper
117 100
82 53.2 44.2 66.2
119 31.8 25.9 38.9



#64
Tetrachloroethene
Concen: 20.568 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

Tgt Ion:164 Resp: 114516
Ion Ratio Lower Upper
164 100
166 124.6 102.3 153.5
129 88.4 71.8 107.8
131 85.7 68.6 102.8

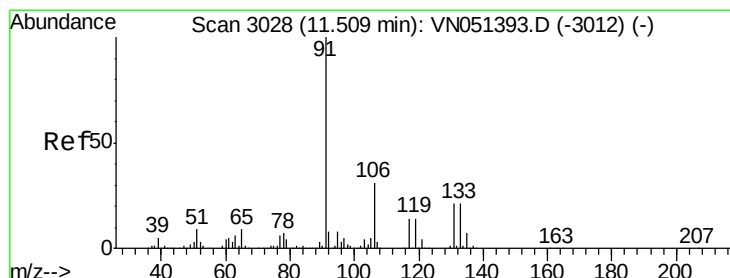
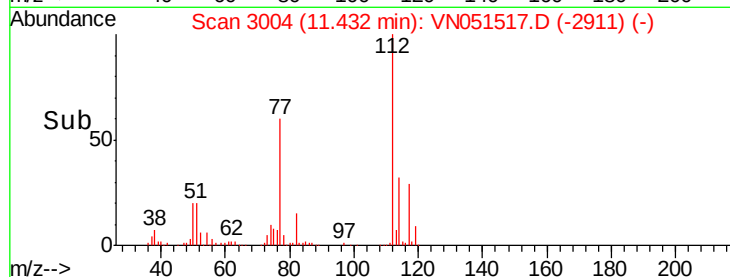
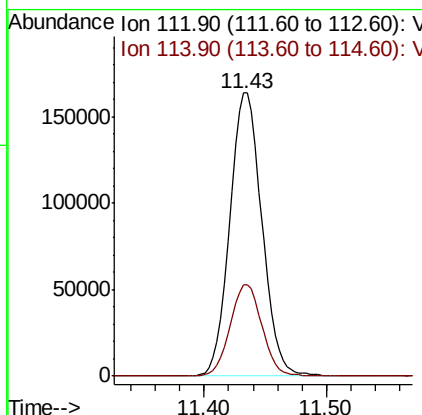
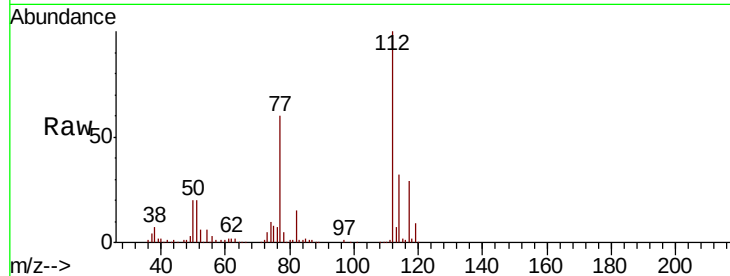




#65
Chlorobenzene
Concen: 19.074 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

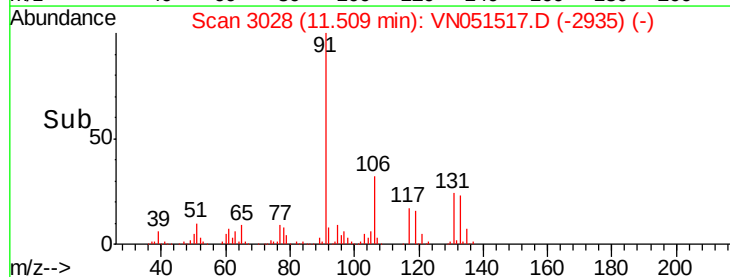
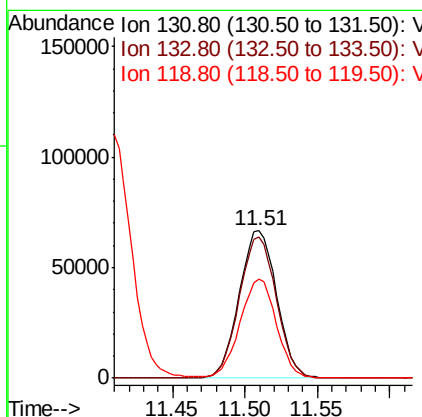
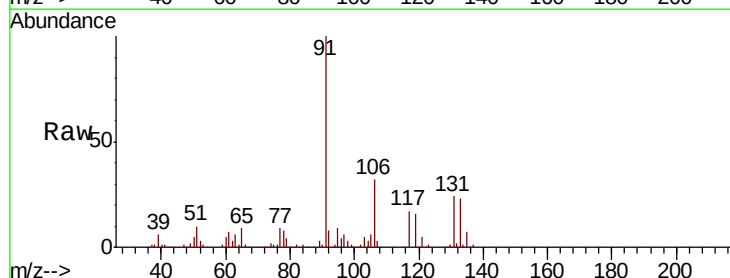
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS02

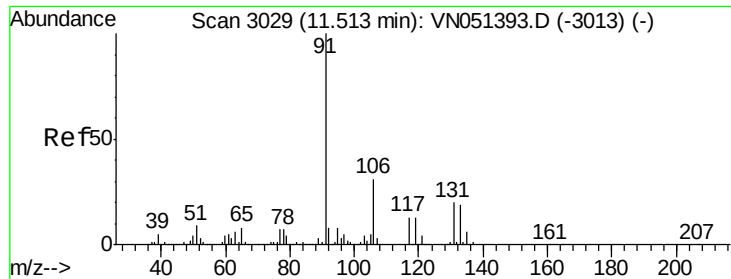
Tot Ion:112 Resp: 300221
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.015 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

Tgt Ion:131 Resp: 120027
Ion Ratio Lower Upper
131 100
133 95.1 48.3 144.8
119 65.4 32.8 98.4

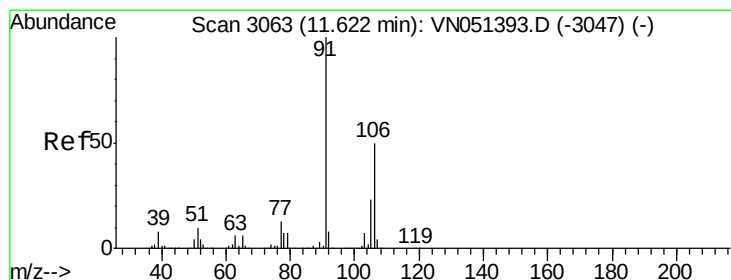
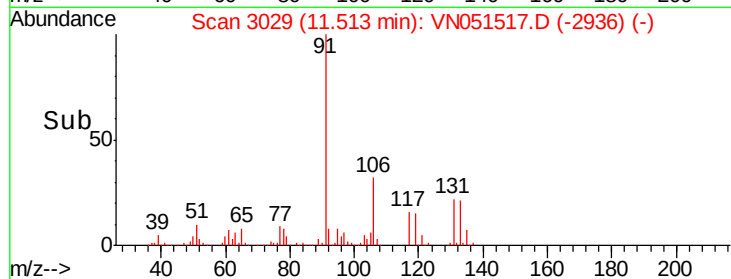
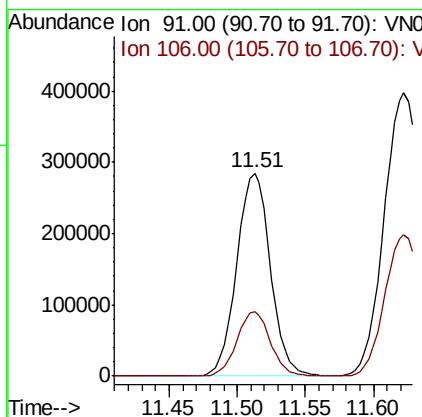
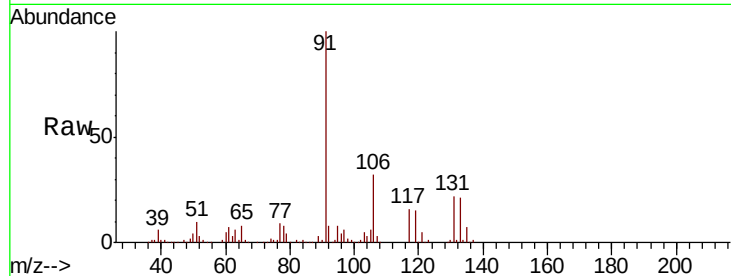




#67
Ethyl Benzene
Concen: 18.413 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

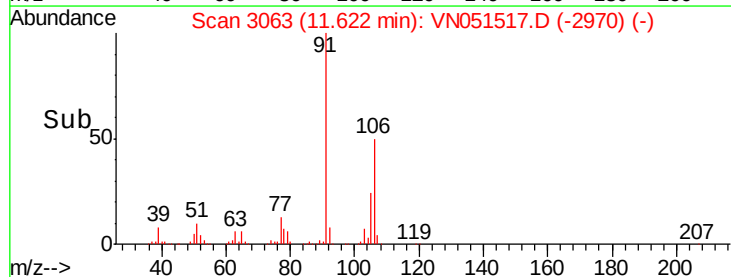
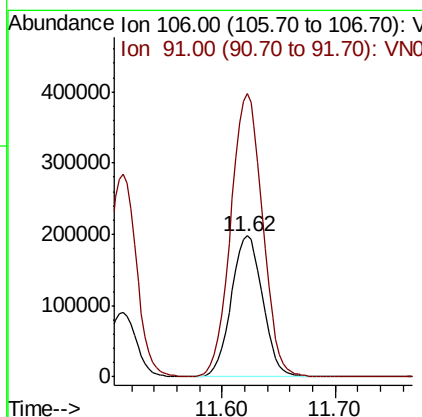
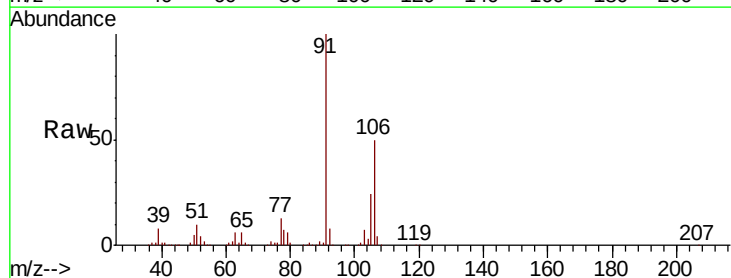
Instrument :
MSVOA_N
ClientSampled :
VN0926WBS02

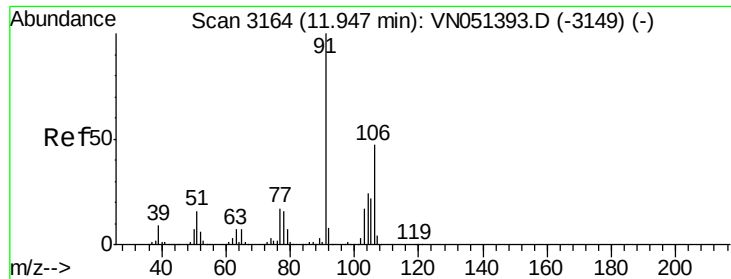
Tot Ion: 91 Resp: 488427
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.4



#68
m/p-Xylenes
Concen: 37.357 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

Tgt Ion: 106 Resp: 383302
Ion Ratio Lower Upper
106 100
91 202.7 161.3 241.9

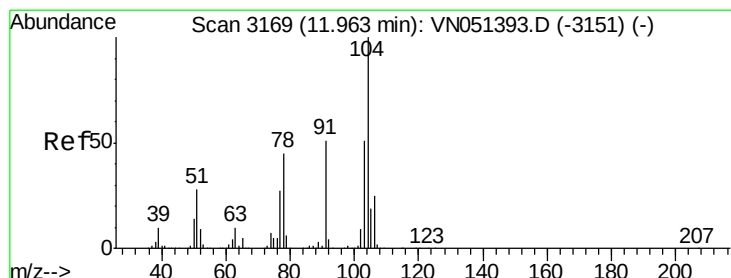
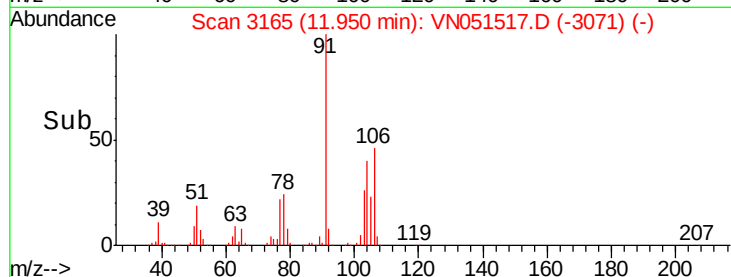
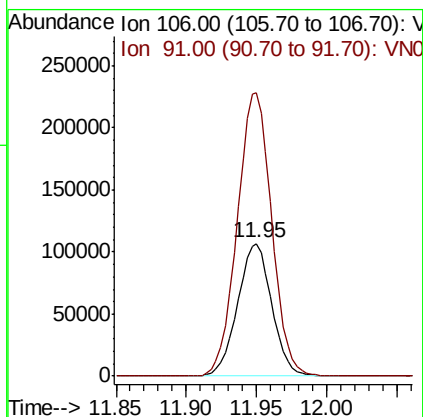
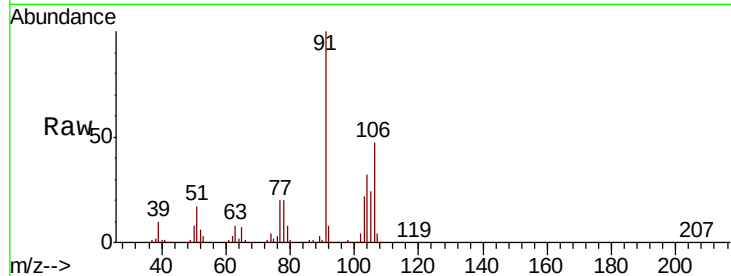




#69
o-Xylene
Concen: 18.348 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

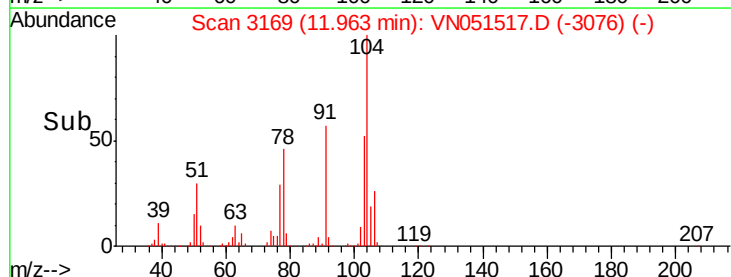
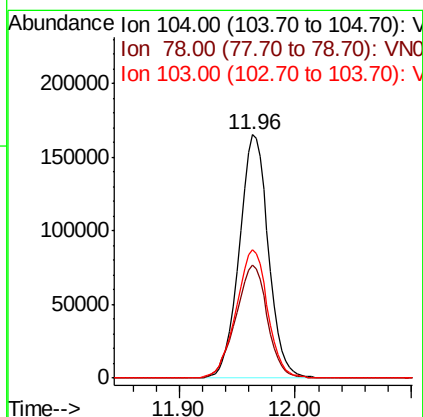
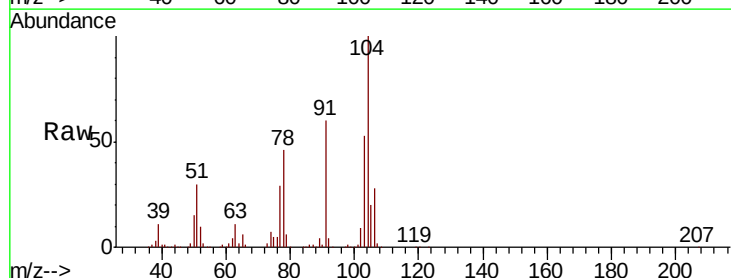
Instrument :
MSVOA_N
ClientSampled :
VN0926WBS02

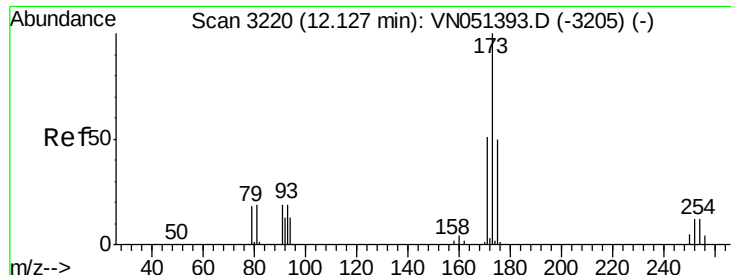
Tot Ion:106 Resp: 180980
Ion Ratio Lower Upper
106 100
91 215.6 105.3 315.9



#70
Styrene
Concen: 18.429 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

Tgt Ion:104 Resp: 288049
Ion Ratio Lower Upper
104 100
78 50.5 39.9 59.9
103 57.1 44.6 66.8

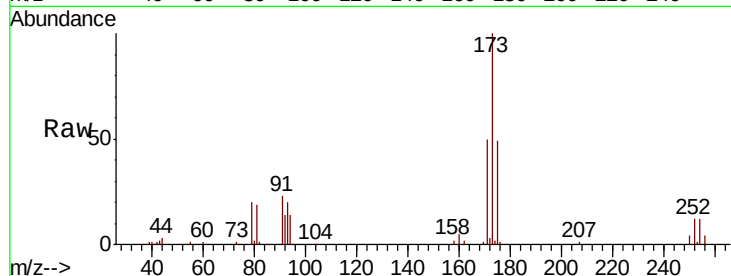




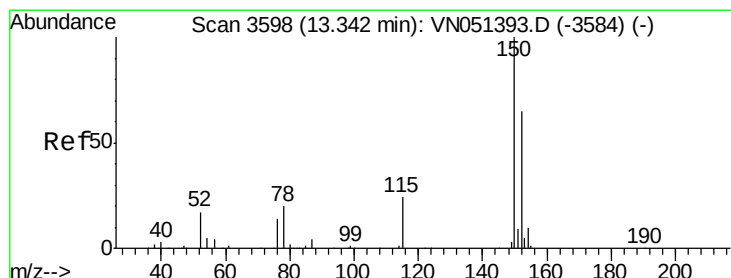
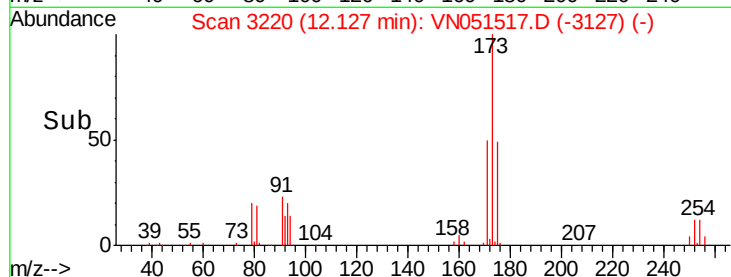
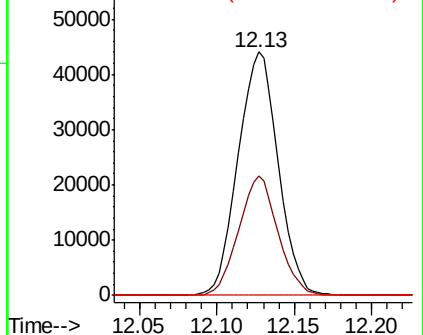
#71
Bromoform
Concen: 19.470 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS02

Tot Ion:173 Resp: 79224
Ion Ratio Lower Upper
173 100
175 47.9 24.8 74.3
254 0.0 0.2 0.2#

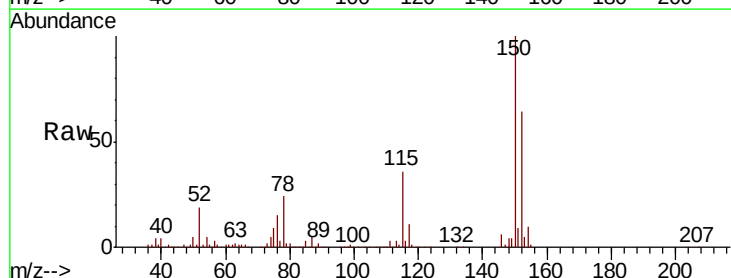


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

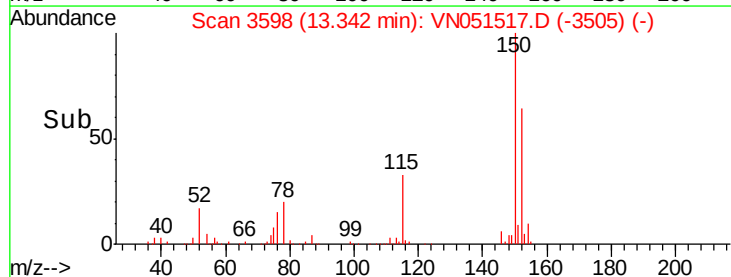
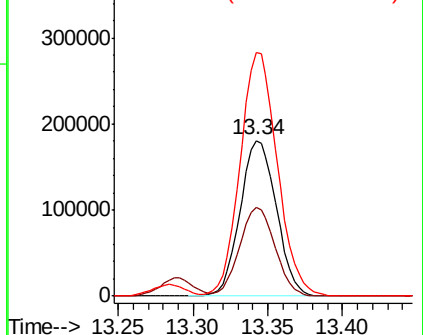


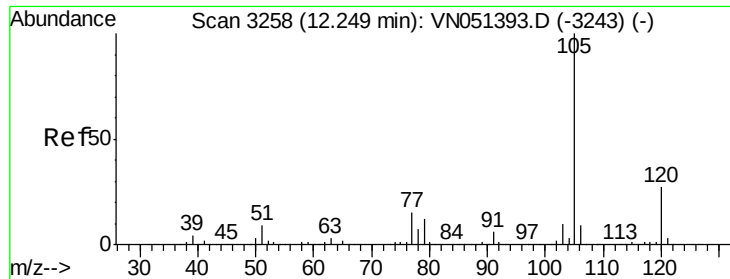
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN051517.D
Acq: 26 Sep 2018 6:14

Tgt Ion:152 Resp: 304353
Ion Ratio Lower Upper
152 100
115 56.2 28.3 84.9
150 161.0 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: 18.969 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampleId :

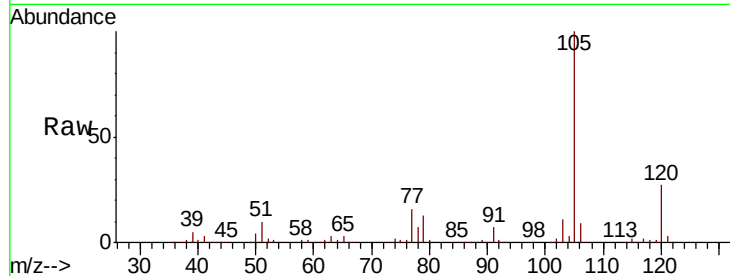
VN0926WBS02

Tot Ion:105 Resp: 487125

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

300000

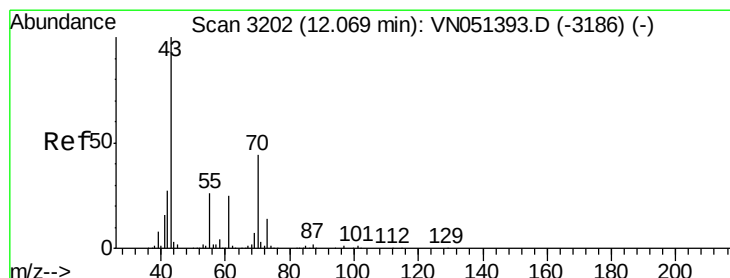
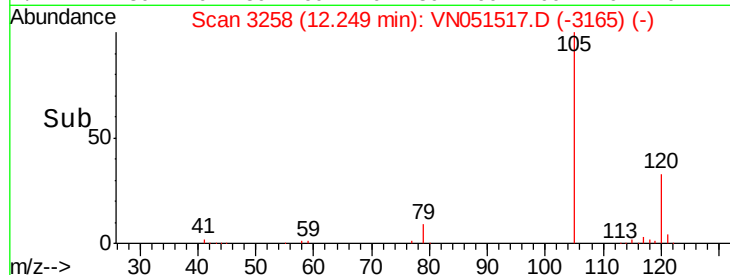
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 19.914 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Tgt Ion: 43 Resp: 128308

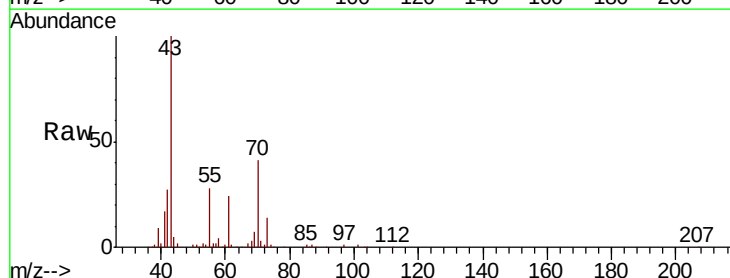
Ion Ratio Lower Upper

43 100

70 41.3 35.0 52.4

55 27.9 21.4 32.2

61 23.8 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

120000

100000

80000

60000

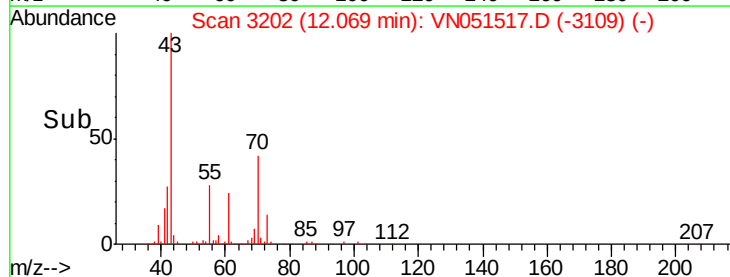
40000

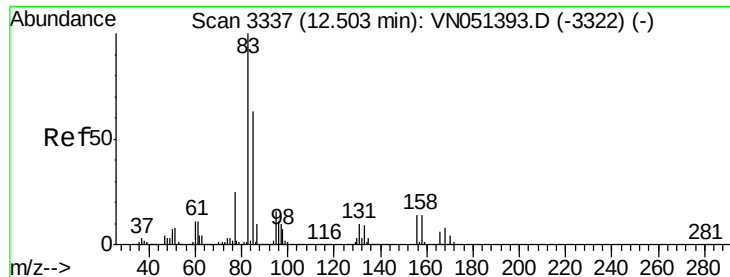
20000

0

Time-->

12.00 12.05 12.10 12.15





#75

1,1,2,2-Tetrachloroethane

Concen: 20.962 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS02

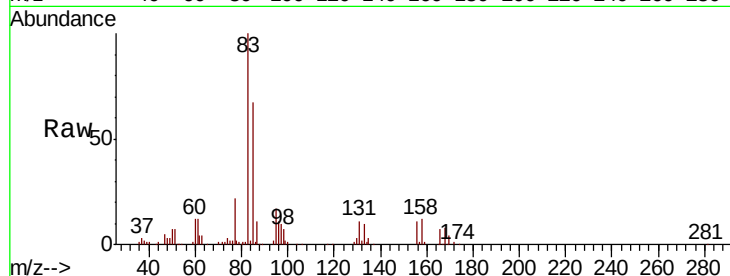
Tot Ion: 83 Resp: 125522

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.9

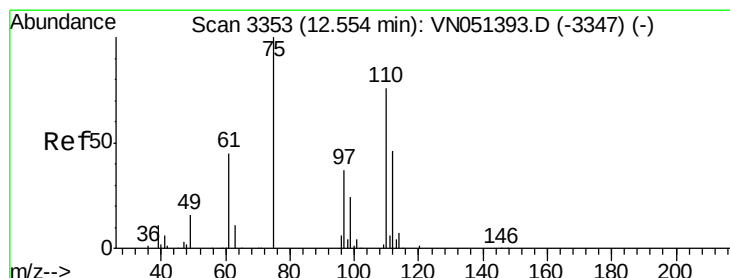
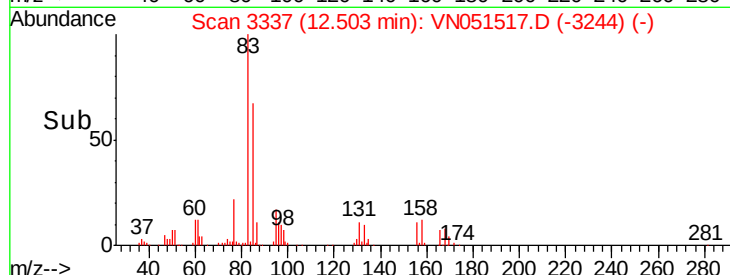
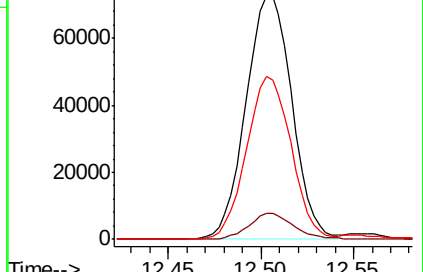
85 64.9 31.6 95.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 29.247 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN051517.D

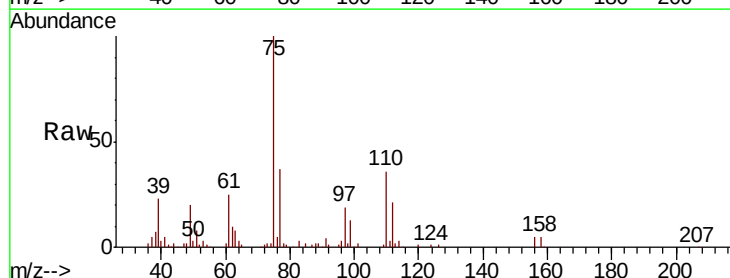
Acq: 26 Sep 2018 6:14

Tgt Ion: 75 Resp: 147768

Ion Ratio Lower Upper

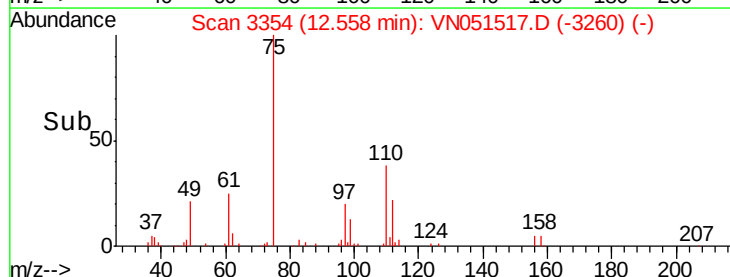
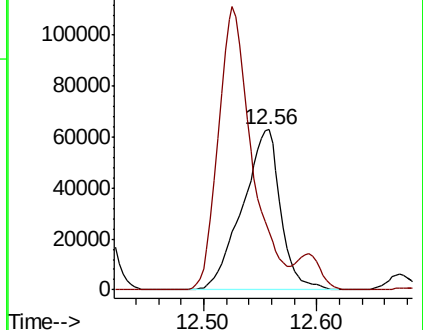
75 100

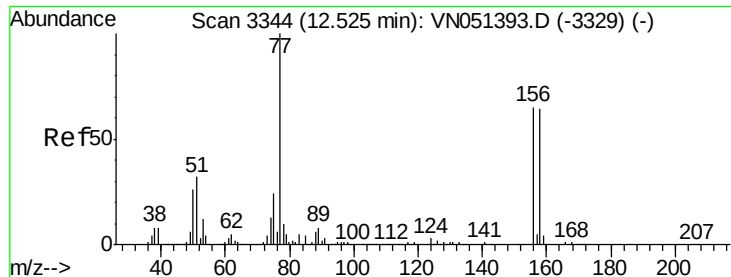
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.264 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampled :

VN0926WBS02

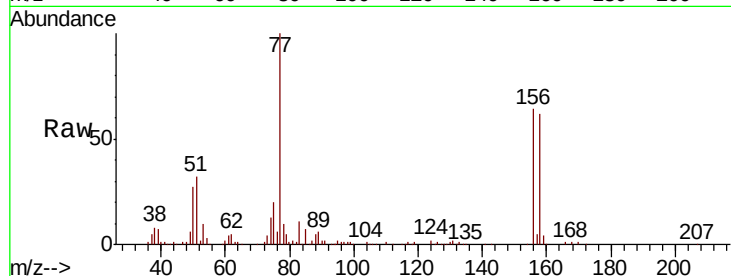
Tot Ion:156 Resp: 125233

Ion Ratio Lower Upper

156 100

77 183.9 89.5 268.4

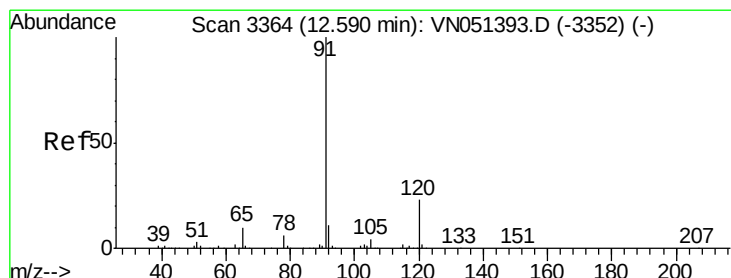
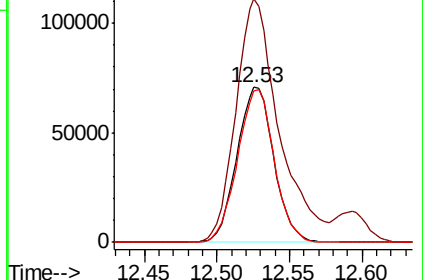
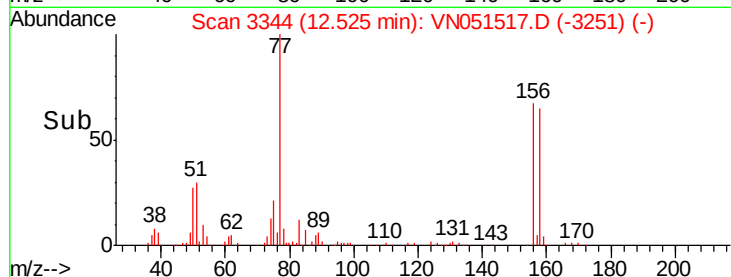
158 97.9 49.4 148.2



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: 18.954 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN051517.D

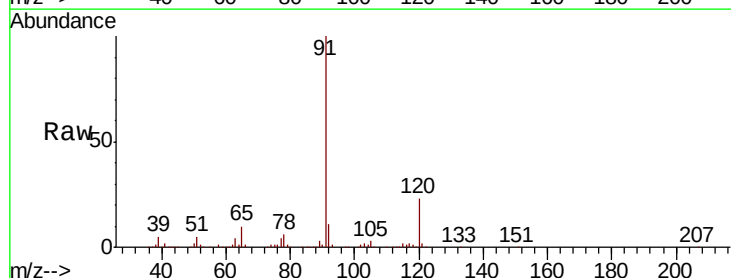
Acq: 26 Sep 2018 6:14

Tgt Ion: 91 Resp: 548543

Ion Ratio Lower Upper

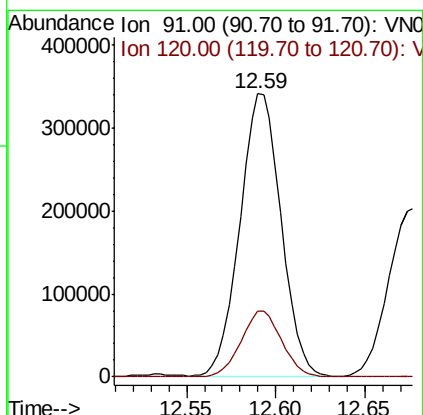
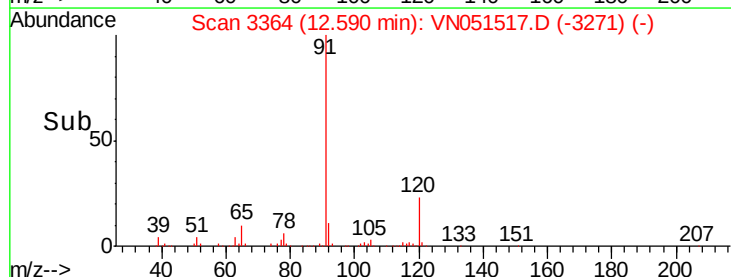
91 100

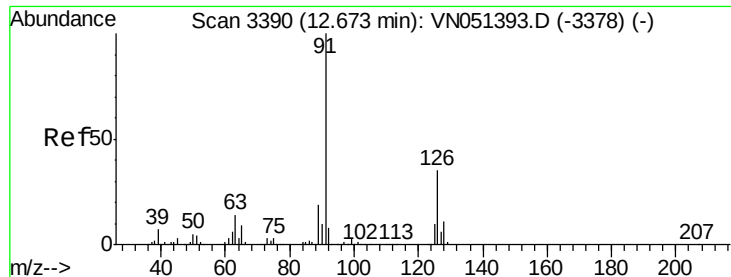
120 23.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.410 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampleId :

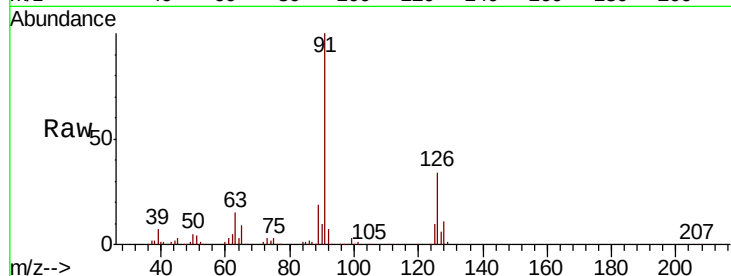
VN0926WBS02

Tot Ion: 91 Resp: 336261

Ion Ratio Lower Upper

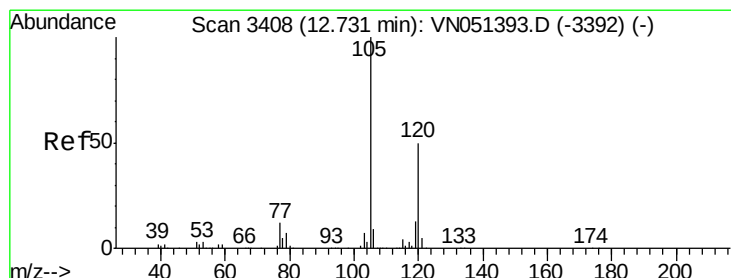
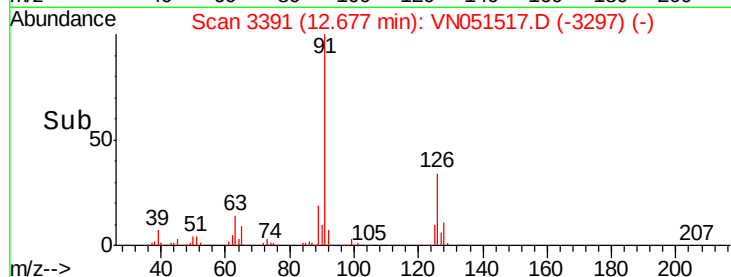
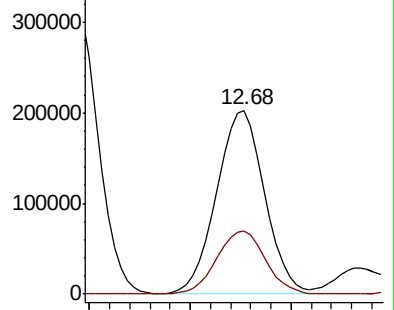
91 100

126 35.0 17.6 52.8



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

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



#80

1,3,5-Trimethylbenzene

Concen: 19.173 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051517.D

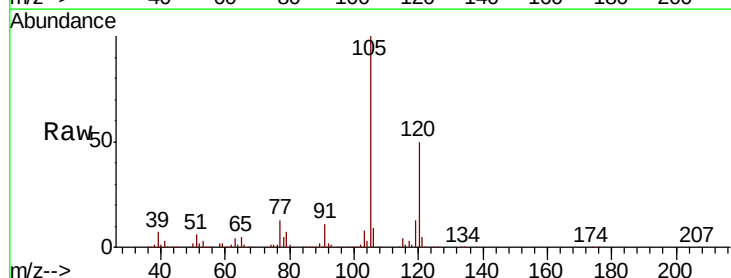
Acq: 26 Sep 2018 6:14

Tgt Ion: 105 Resp: 401470

Ion Ratio Lower Upper

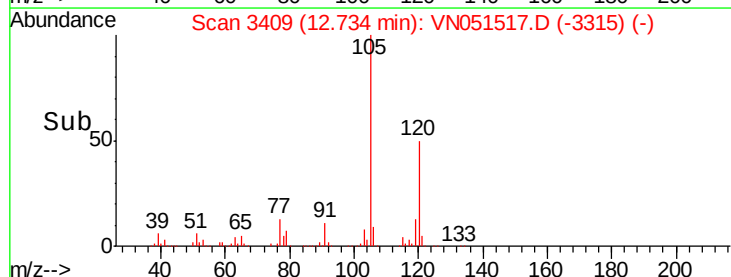
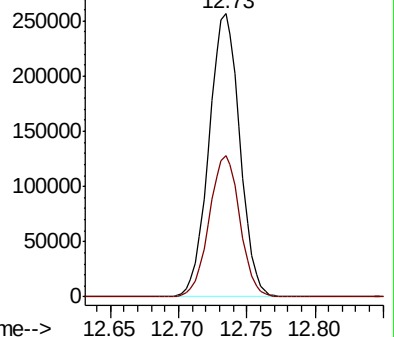
105 100

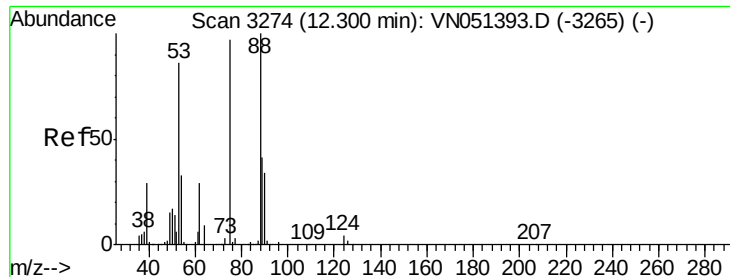
120 49.9 24.8 74.4



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

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





#81

trans-1,4-Dichloro-2-butene

Concen: 16.845 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS02

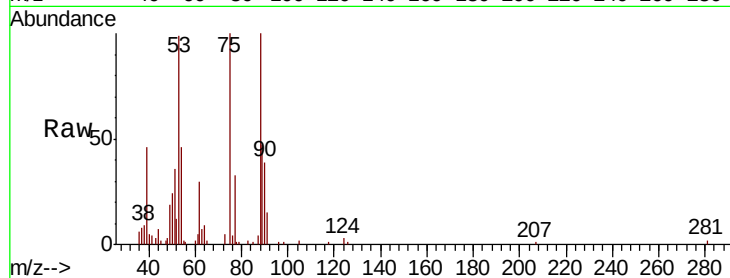
Tot Ion: 75 Resp: 27678

Ion Ratio Lower Upper

75 100

53 97.0 73.9 110.9

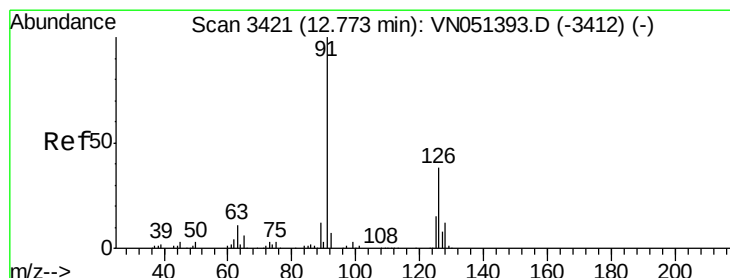
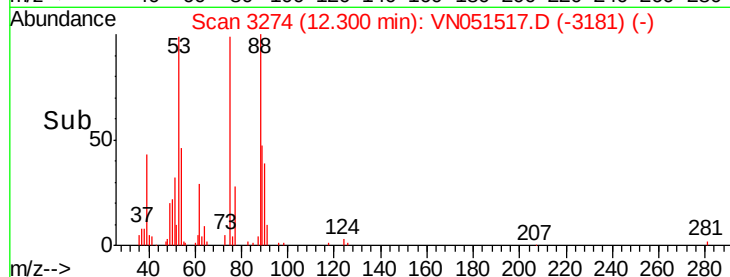
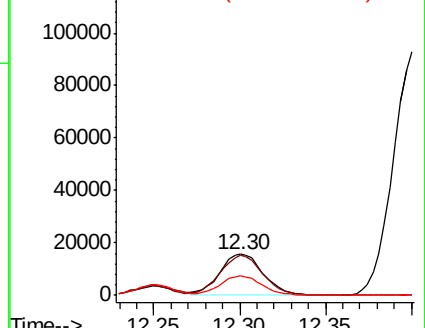
89 44.6 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.996 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN051517.D

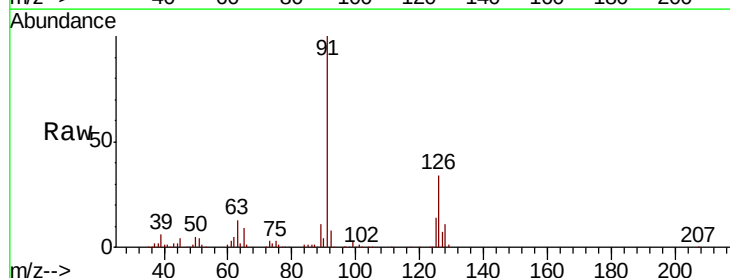
Acq: 26 Sep 2018 6:14

Tgt Ion: 91 Resp: 328457

Ion Ratio Lower Upper

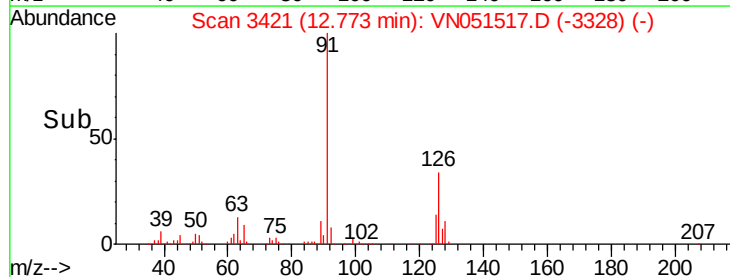
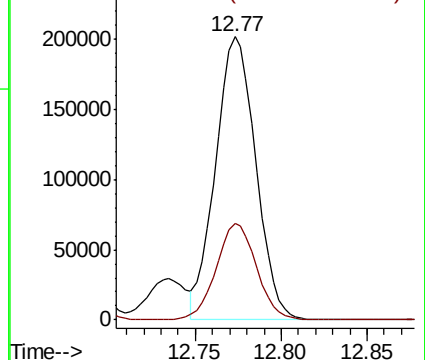
91 100

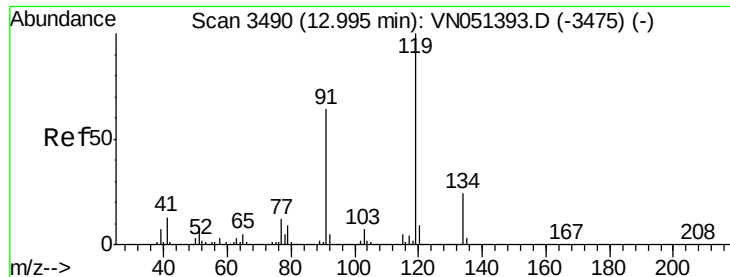
126 34.2 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

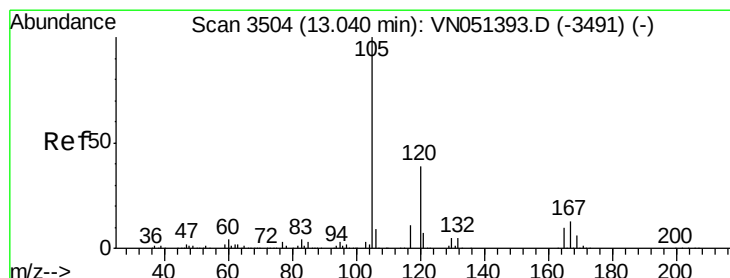
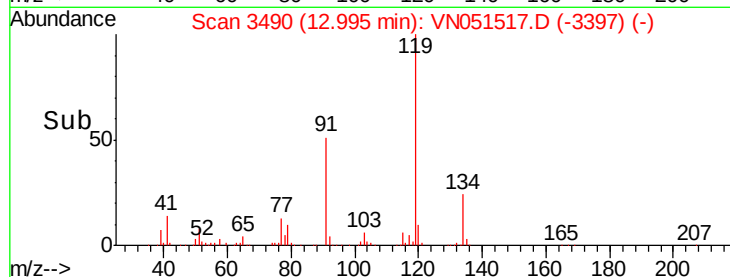
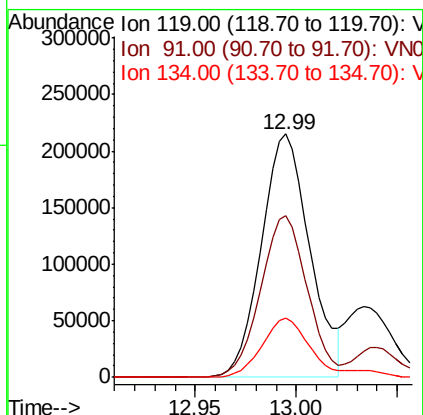
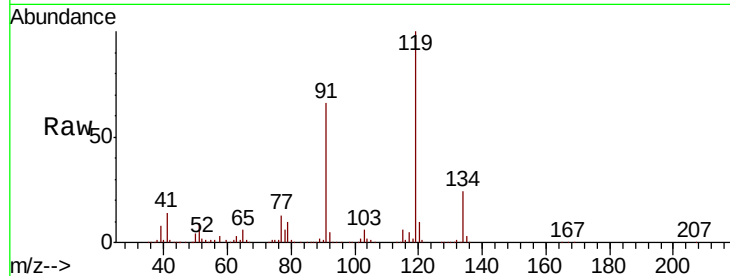




#83
 tert-Butylbenzene
 Concen: 19.318 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051517.D
 Acq: 26 Sep 2018 6:14

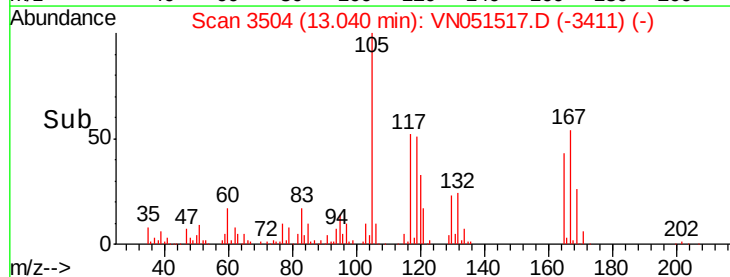
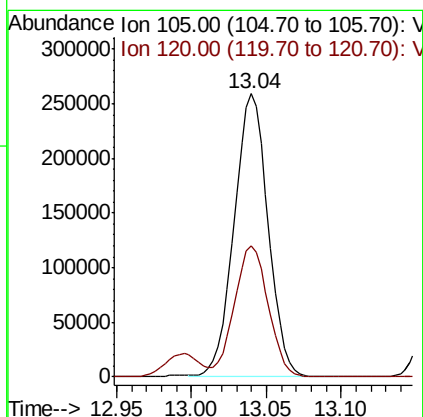
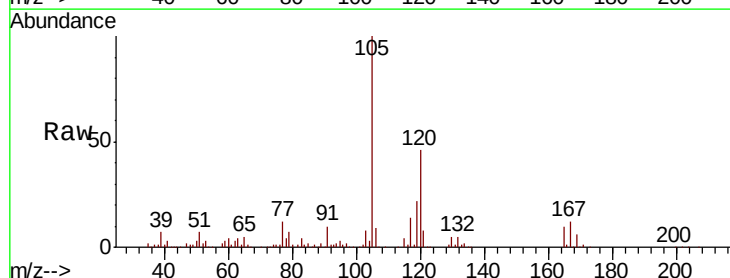
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS02

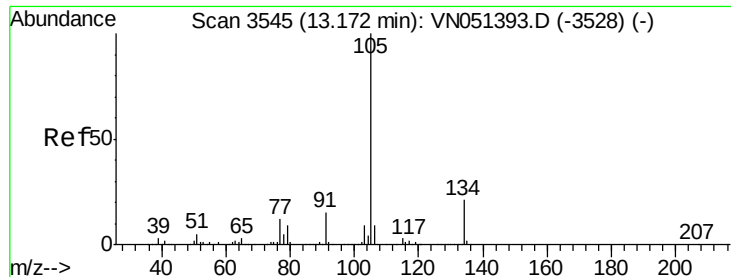
Tot Ion:119 Resp: 360045
 Ion Ratio Lower Upper
 119 100
 91 63.8 31.7 95.1
 134 23.6 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.388 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051517.D
 Acq: 26 Sep 2018 6:14

Tgt Ion:105 Resp: 409084
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.9 68.7





#85

sec-Butylbenzene

Concen: 19.191 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampleId :

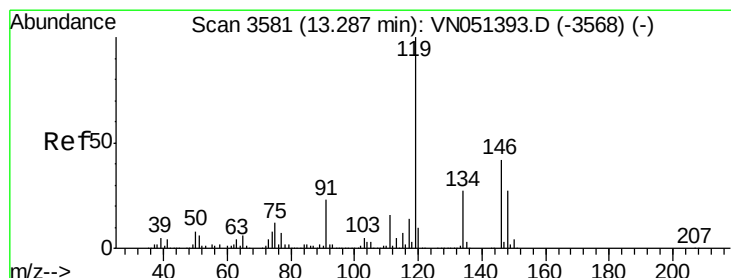
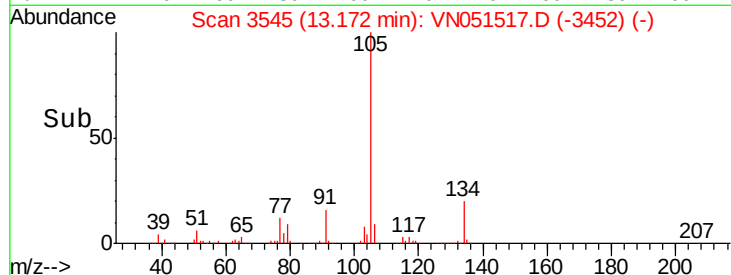
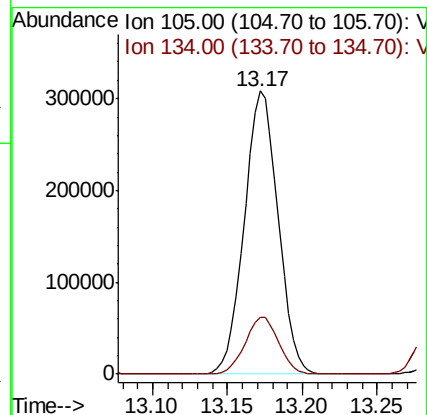
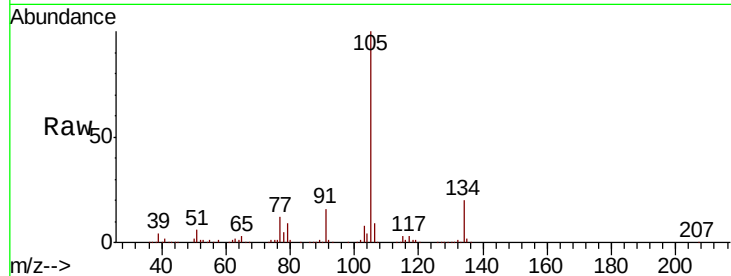
VN0926WBS02

Tot Ion:105 Resp: 483888

Ion Ratio Lower Upper

105 100

134 20.1 10.4 31.1



#86

p-Isopropyltoluene

Concen: 18.603 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

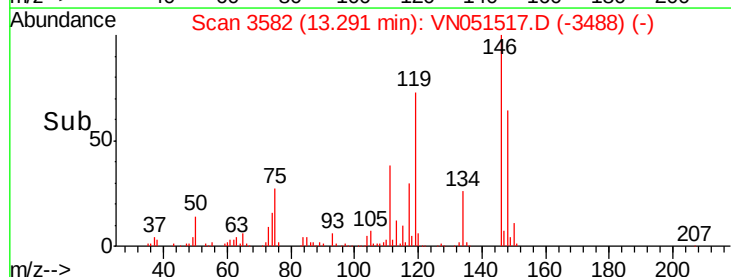
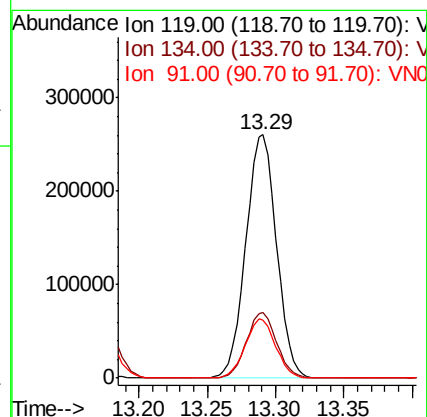
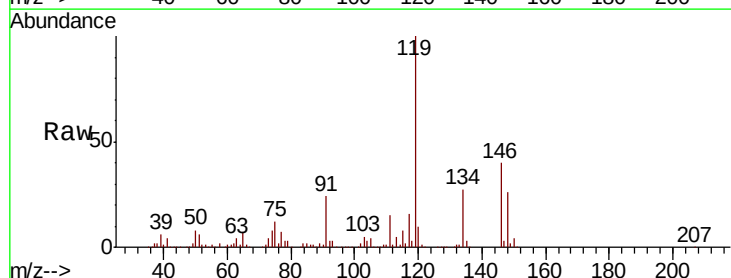
Tgt Ion:119 Resp: 405858

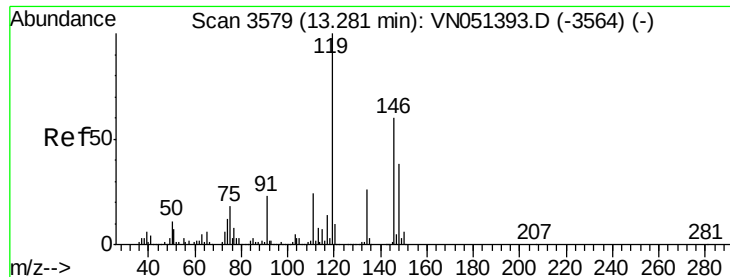
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

91 23.8 11.4 34.2

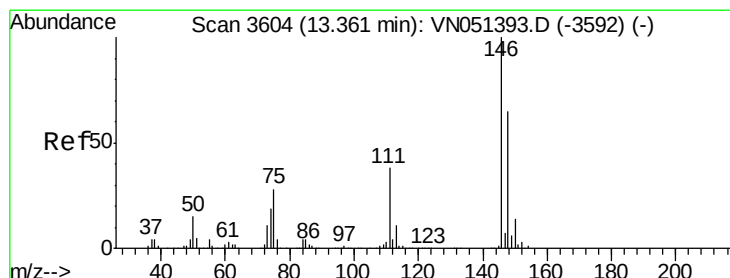
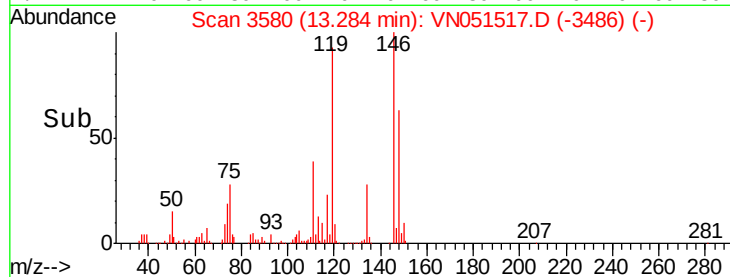
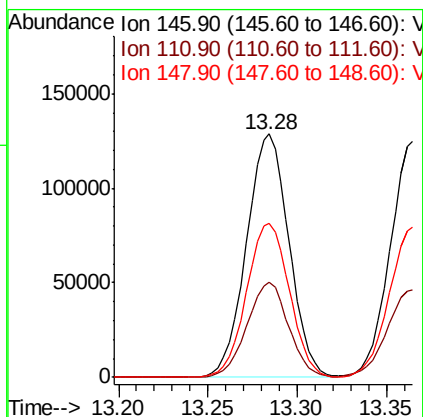
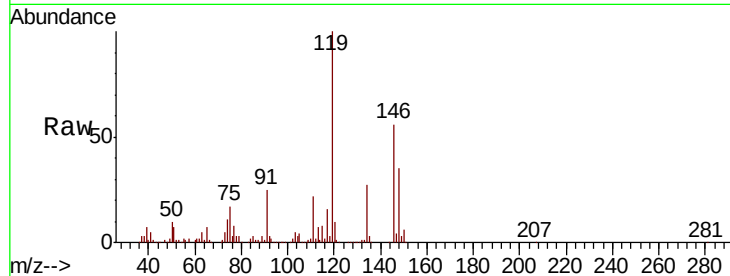




#87
 1,3-Dichlorobenzene
 Concen: 19.039 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN051517.D
 Acq: 26 Sep 2018 6:14

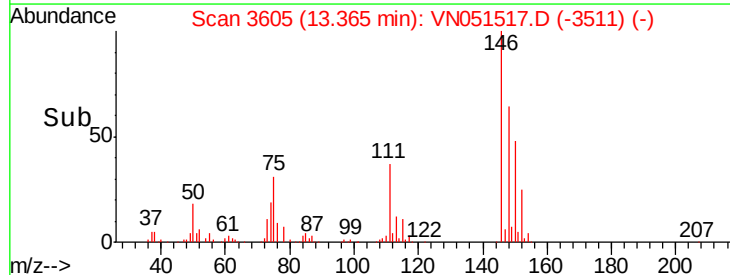
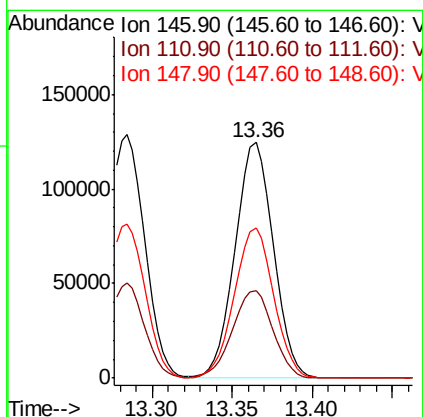
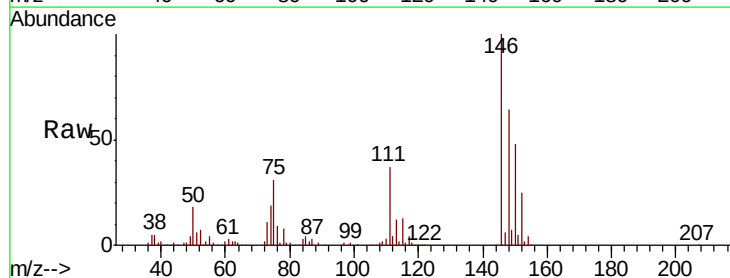
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS02

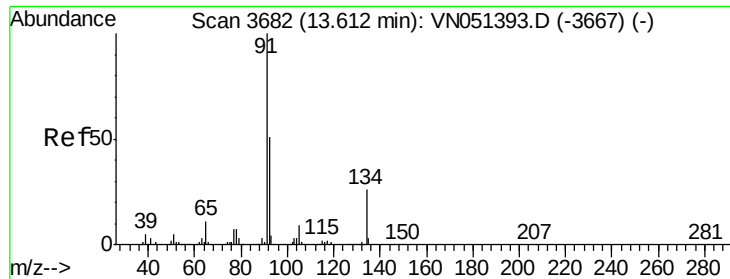
Tot Ion:146 Resp: 214179
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.7 59.1
 148 63.7 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.820 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051517.D
 Acq: 26 Sep 2018 6:14

Tgt Ion:146 Resp: 203712
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.1 57.1
 148 65.3 32.5 97.5





#89

n-Butylbenzene

Concen: 17.156 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampled :

VN0926WBS02

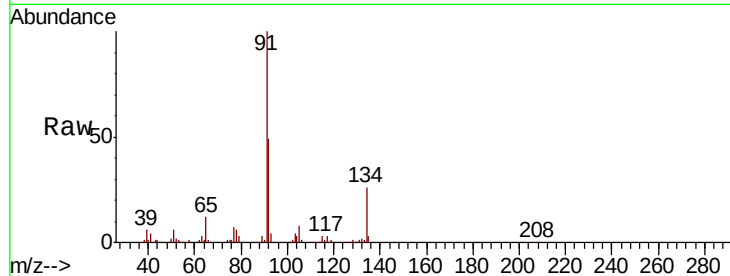
Tot Ion: 91 Resp: 307789

Ion Ratio Lower Upper

91 100

92 50.5 25.5 76.5

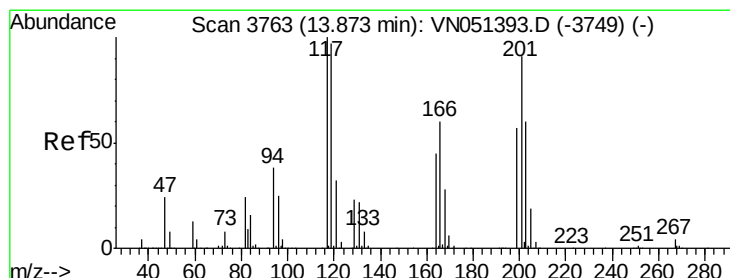
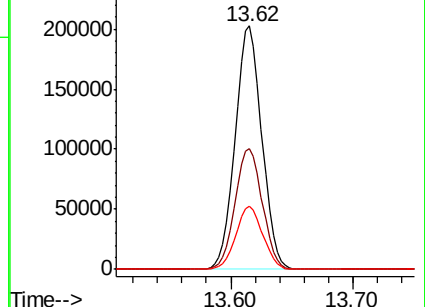
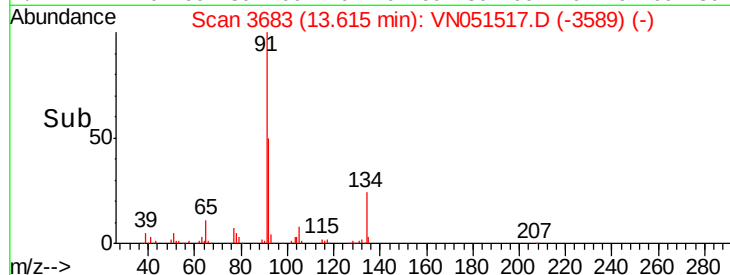
134 26.1 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VN051393.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN051393.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN051393.D (-3667) (-)



#90

Hexachloroethane

Concen: 19.358 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN051517.D

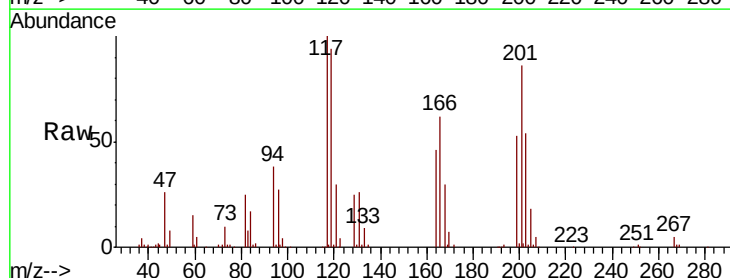
Acq: 26 Sep 2018 6:14

Tgt Ion: 117 Resp: 84150

Ion Ratio Lower Upper

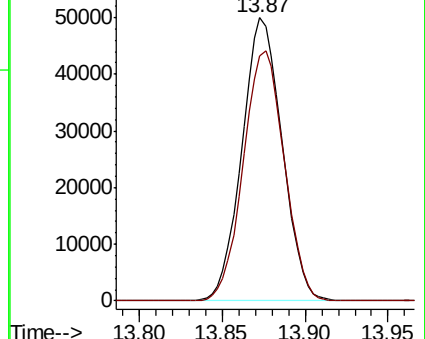
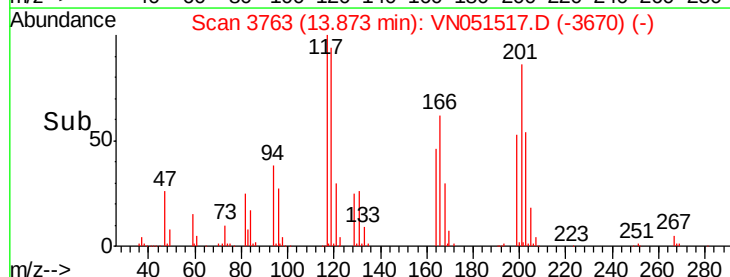
117 100

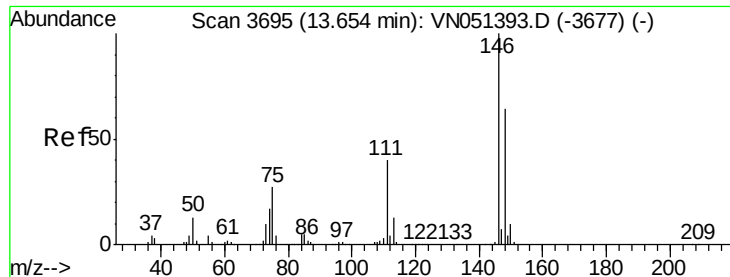
201 90.0 45.5 136.4



Abundance Ion 116.80 (116.50 to 117.50): VN051393.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN051393.D (-3749) (-)

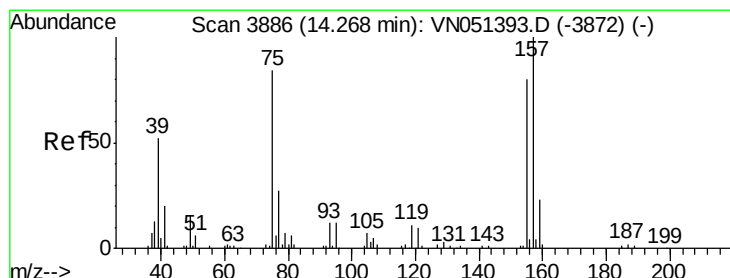
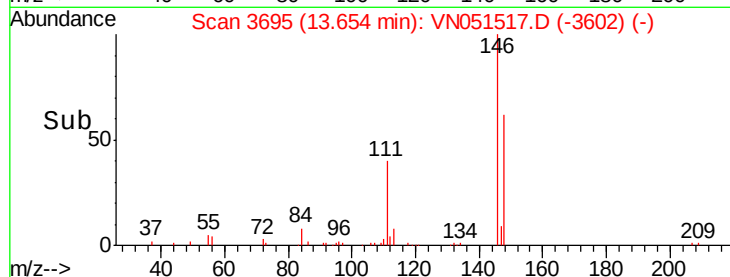
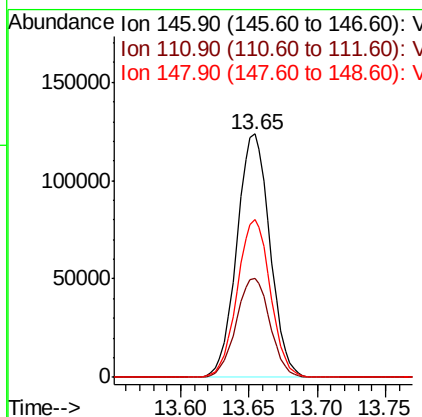
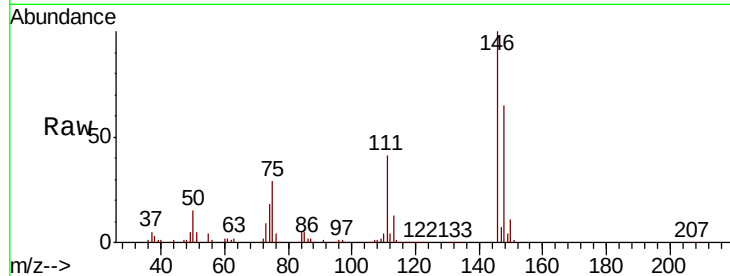




#91
 1,2-Dichlorobenzene
 Concen: 19.094 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051517.D
 Acq: 26 Sep 2018 6:14

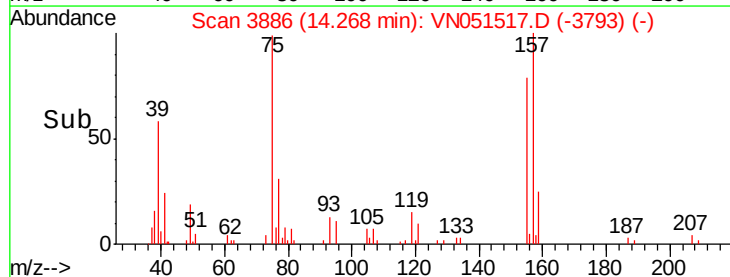
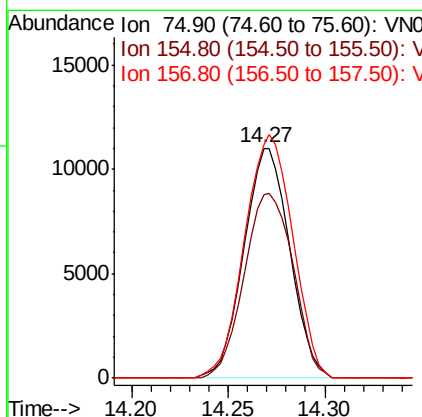
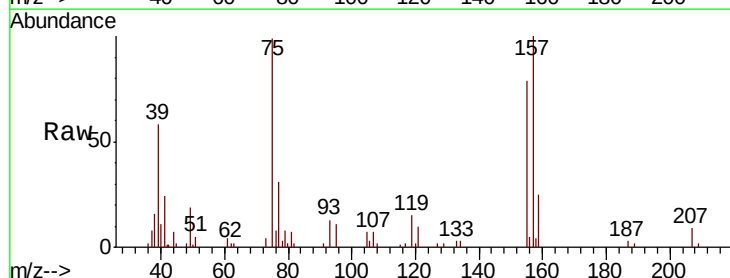
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS02

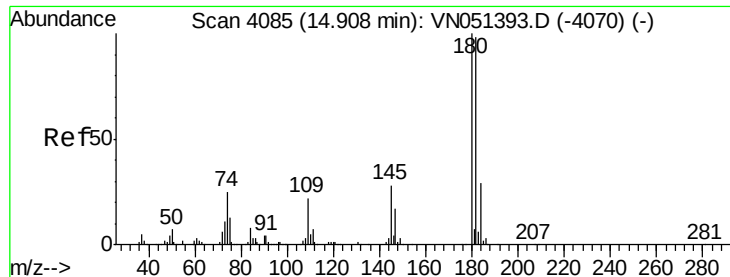
Tot Ion:146 Resp: 208413
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.0 60.0
 148 64.8 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.257 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN051517.D
 Acq: 26 Sep 2018 6:14

Tgt Ion: 75 Resp: 18166
 Ion Ratio Lower Upper
 75 100
 155 85.5 46.9 140.6
 157 111.2 58.4 175.1





#93

1,2,4-Trichlorobenzene

Concen: 18.633 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS02

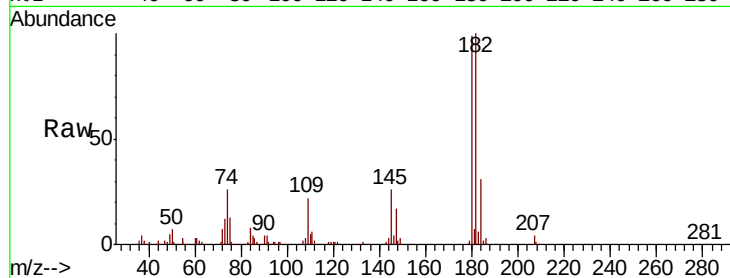
Tot Ion:180 Resp: 84567

Ion Ratio Lower Upper

180 100

182 97.1 48.5 145.6

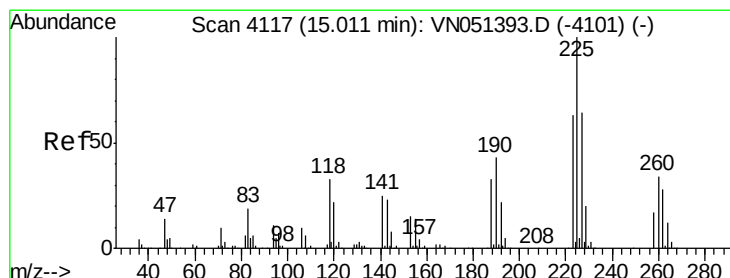
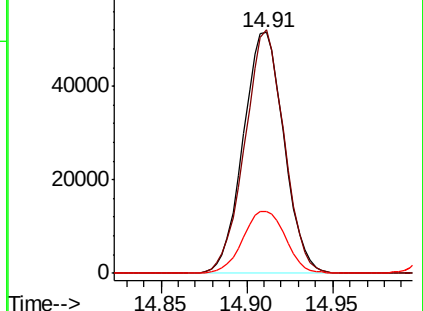
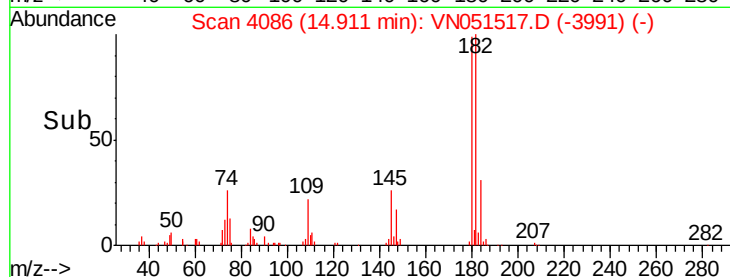
145 26.9 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.103 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

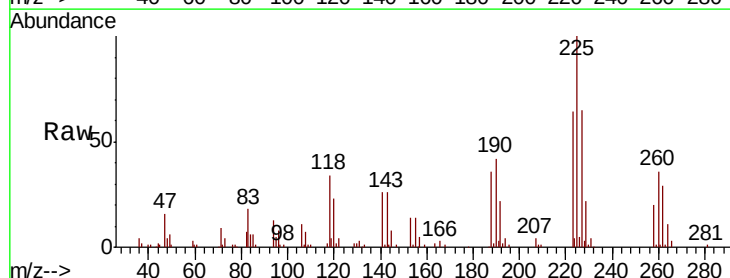
Tgt Ion:225 Resp: 74763

Ion Ratio Lower Upper

225 100

223 63.7 31.9 95.9

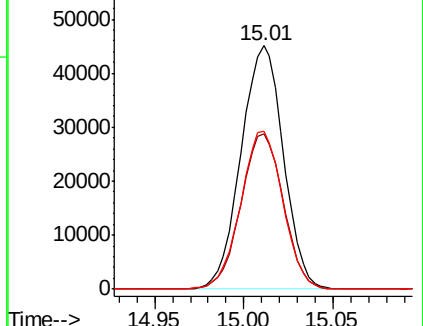
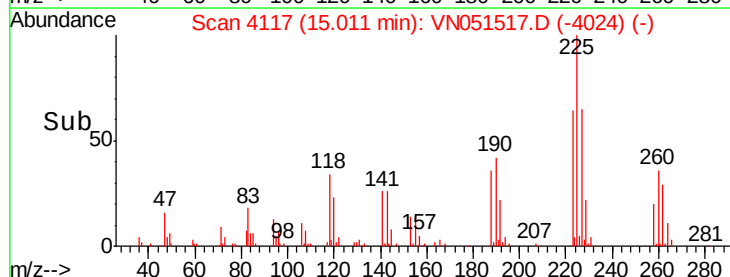
227 64.5 32.5 97.5

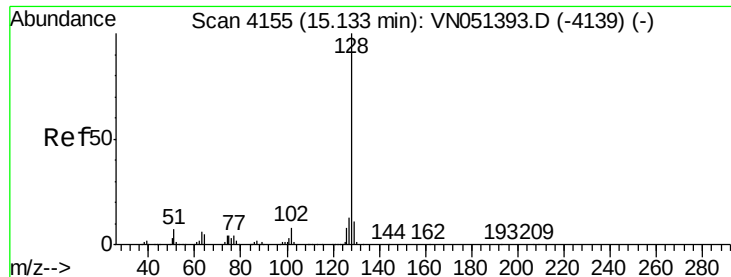


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.670 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

Instrument :

MSVOA_N

ClientSampled :

VN0926WBS02

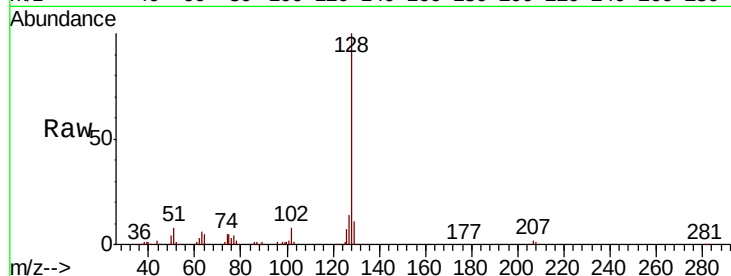
Tot Ion:128 Resp: 143289

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

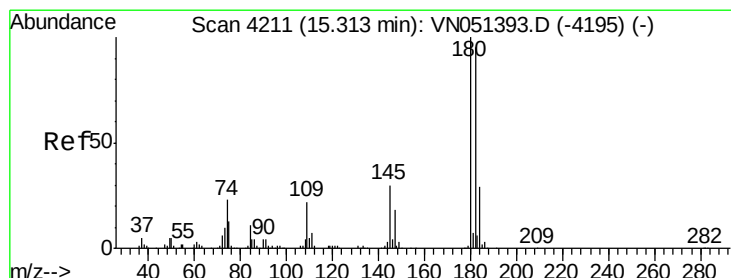
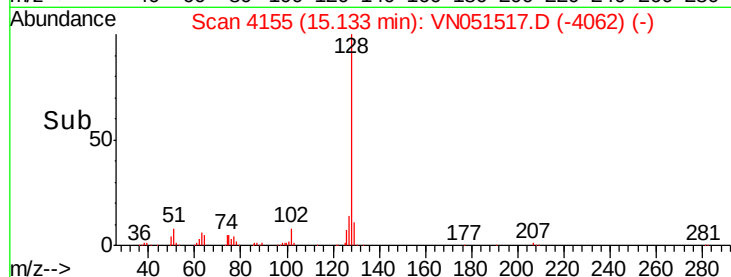
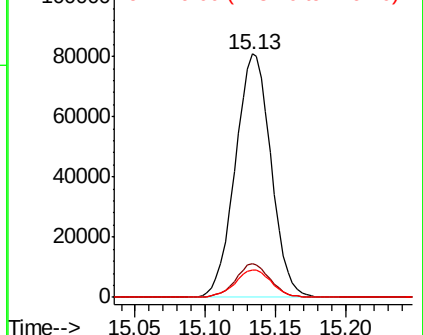
129 11.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.246 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051517.D

Acq: 26 Sep 2018 6:14

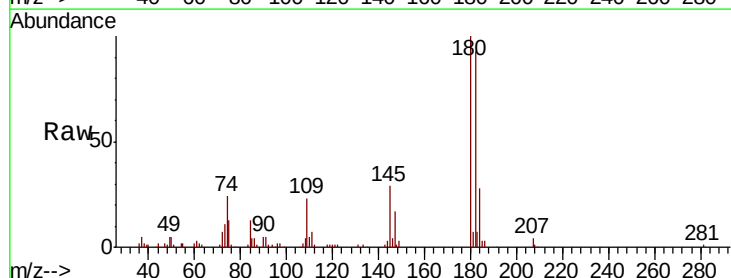
Tgt Ion:180 Resp: 90337

Ion Ratio Lower Upper

180 100

182 94.1 47.2 141.6

145 30.7 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

