

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111318\
 Data File : VN052285.D
 Acq On : 13 Nov 2018 14:37
 Operator : MD\SY
 Sample : VN1113WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 14 01:03:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	275999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	476413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	425396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	180598	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	188806	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	7.59	113	150660	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	10.09	98	584989	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
62) 4-Bromofluorobenzene	12.40	95	184005	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	61487	20.492	ug/l	98
3) Chloromethane	2.06	50	80401	19.192	ug/l	94
4) Vinyl Chloride	2.19	62	67559	19.356	ug/l	95
5) Bromomethane	2.57	94	41682	18.822	ug/l	95
6) Chloroethane	2.71	64	39541	19.077	ug/l	100
7) Trichlorofluoromethane	3.02	101	97003	19.965	ug/l	99
8) Diethyl Ether	3.42	74	35658	18.655	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	57680	18.504	ug/l	97
10) Methyl Iodide	3.96	142	78812	19.486	ug/l	98
11) Tert butyl alcohol	4.78	59	21334	110.263	ug/l #	85
12) 1,1-Dichloroethene	3.74	96	54629	18.933	ug/l	96
13) Acrolein	3.61	56	25033	106.099	ug/l	99
14) Allyl chloride	4.33	41	110605	18.309	ug/l	98
15) Acrylonitrile	4.99	53	115802	97.380	ug/l	98
16) Acetone	3.82	43	91982	89.559	ug/l	99
17) Carbon Disulfide	4.06	76	152684	18.241	ug/l	100
18) Methyl Acetate	4.33	43	60221	19.093	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	159207	19.313	ug/l	99
20) Methylene Chloride	4.55	84	65406	19.008	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	57211	18.244	ug/l	90
22) Diisopropyl ether	5.95	45	233312	19.266	ug/l	99
23) Vinyl Acetate	5.90	43	811625	97.672	ug/l	100
24) 1,1-Dichloroethane	5.85	63	123598	19.323	ug/l	99
25) 2-Butanone	6.84	43	145745	90.514	ug/l	100
26) 2,2-Dichloropropane	6.83	77	85233	18.244	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	68008	19.374	ug/l	99
28) Bromochloromethane	7.20	49	61276	19.387	ug/l	99
29) Tetrahydrofuran	7.21	42	98483	93.978	ug/l	99
30) Chloroform	7.37	83	116456	19.238	ug/l	99
31) Cyclohexane	7.66	56	117517	19.452	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	97201	19.700	ug/l	100
36) 1,1-Dichloropropene	7.80	75	90605	18.842	ug/l	99
37) Ethyl Acetate	6.93	43	66555	18.402	ug/l	99
38) Carbon Tetrachloride	7.77	117	83007	19.048	ug/l	98

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 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 14 01:03:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	100971	18.409	ug/l	97
40) Benzene	8.04	78	264811	19.234	ug/l	99
41) Methacrylonitrile	7.18	41	39194	18.650	ug/l	98
42) 1,2-Dichloroethane	8.13	62	91227	18.885	ug/l	100
43) Isopropyl Acetate	8.17	43	125066	19.839	ug/l #	91
44) Trichloroethene	8.84	130	65758	19.060	ug/l	97
45) 1,2-Dichloropropane	9.12	63	73133	19.014	ug/l	98
46) Dibromomethane	9.21	93	43564	19.718	ug/l	97
47) Bromodichloromethane	9.40	83	86831	18.969	ug/l	99
48) Methyl methacrylate	9.20	41	62882	18.931	ug/l	98
49) 1,4-Dioxane	9.20	88	10907	408.470	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	330003	94.788	ug/l	99
52) Toluene	10.16	92	156958	18.899	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	84740	18.760	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	101672	19.067	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	57500	19.155	ug/l	96
56) Ethyl methacrylate	10.43	69	77635	19.136	ug/l	99
57) 1,3-Dichloropropane	10.71	76	102885	19.146	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	219975	97.922	ug/l	99
59) 2-Hexanone	10.75	43	218507	89.405	ug/l	99
60) Dibromochloromethane	10.90	129	59412	19.512	ug/l	100
61) 1,2-Dibromoethane	11.01	107	56717	19.225	ug/l	99
64) Tetrachloroethene	10.63	164	56279	18.896	ug/l	99
65) Chlorobenzene	11.43	112	171262	19.000	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	59102	19.357	ug/l	98
67) Ethyl Benzene	11.51	91	301571	19.021	ug/l	99
68) m/p-Xylenes	11.62	106	222795	37.733	ug/l	99
69) o-Xylene	11.95	106	108368	19.211	ug/l	99
70) Styrene	11.96	104	171179	18.782	ug/l	98
71) Bromoform	12.13	173	33879	18.600	ug/l #	99
73) Isopropylbenzene	12.25	105	286538	19.409	ug/l	99
74) N-amyl acetate	12.07	43	104470	19.492	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	69873	19.306	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	87311	27.325	ug/l #	100
77) Bromobenzene	12.53	156	65654	18.999	ug/l	95
78) n-propylbenzene	12.59	91	334496	19.345	ug/l	100
79) 2-Chlorotoluene	12.67	91	197121	19.679	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	233115	19.855	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	17163	18.335	ug/l	88
82) 4-Chlorotoluene	12.77	91	198211	19.721	ug/l	98
83) tert-Butylbenzene	12.99	119	196414	19.162	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	232529	19.643	ug/l	99
85) sec-Butylbenzene	13.17	105	272231	19.367	ug/l	100
86) p-Isopropyltoluene	13.29	119	229964	19.555	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	115291	19.165	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	115375	19.157	ug/l	99
89) n-Butylbenzene	13.61	91	197519	18.863	ug/l	98
90) Hexachloroethane	13.87	117	39634	19.202	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	113255	19.291	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10325	20.067	ug/l	98

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Instrument :
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Quant Time: Nov 14 01:03:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 00:34:27 2018
Response via : Initial Calibration

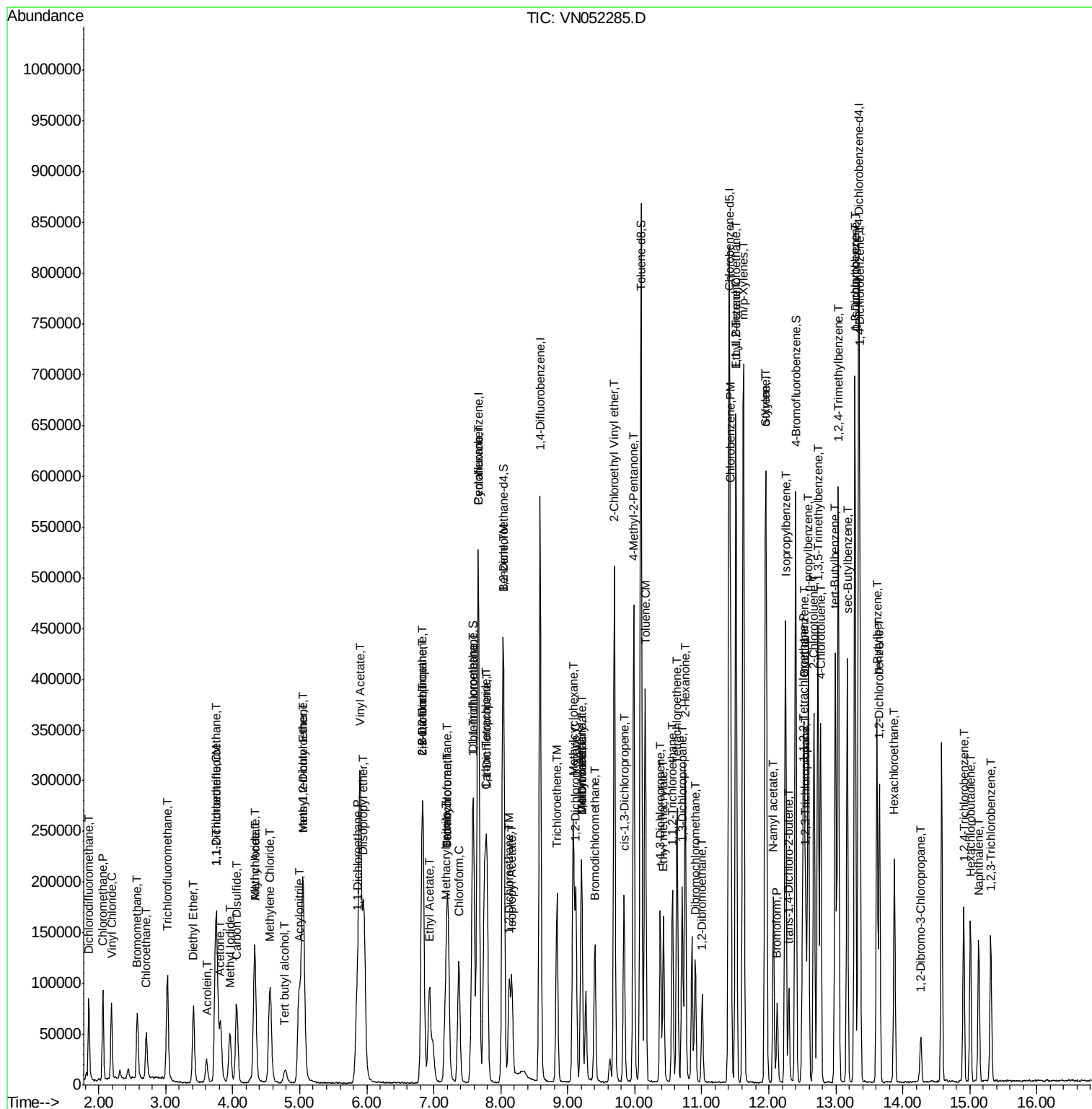
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	49075	21.139	ug/l	98
94) Hexachlorobutadiene	15.01	225	25666	20.345	ug/l	99
95) Naphthalene	15.13	128	113912	19.909	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	45388	20.678	ug/l	99

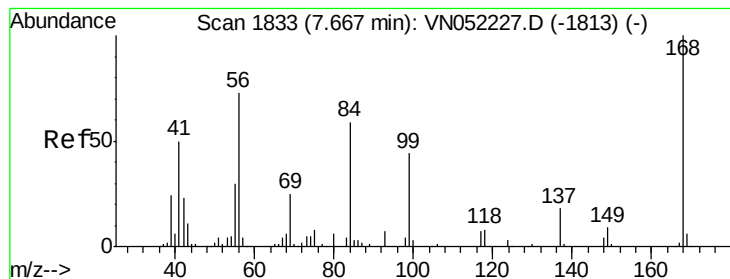
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 13 Nov 2018 14:37
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Quant Title : SW846 8260
QLast Update : Mon Nov 12 00:34:27 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

Instrument :

MSVOA_N

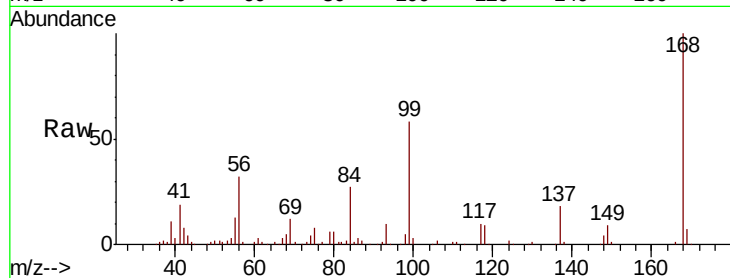
ClientSampled :

Tot Ion:168 Resp: 275999

Ion Ratio Lower Upper

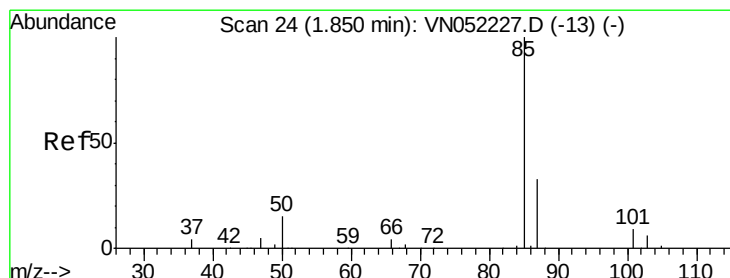
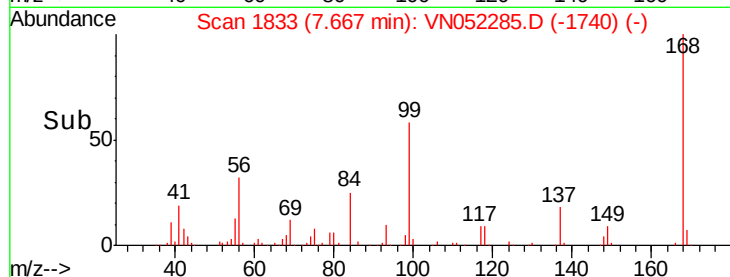
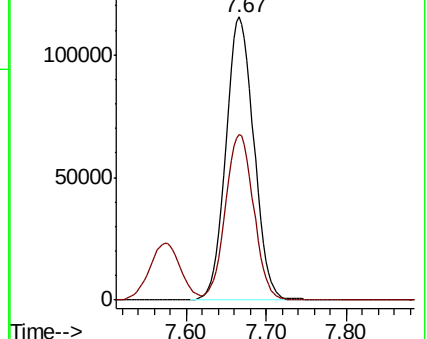
168 100

99 58.4 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 20.492 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN052285.D

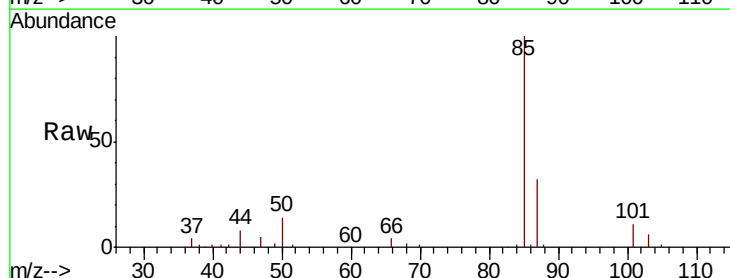
Acq: 13 Nov 2018 14:37

Tgt Ion: 85 Resp: 61487

Ion Ratio Lower Upper

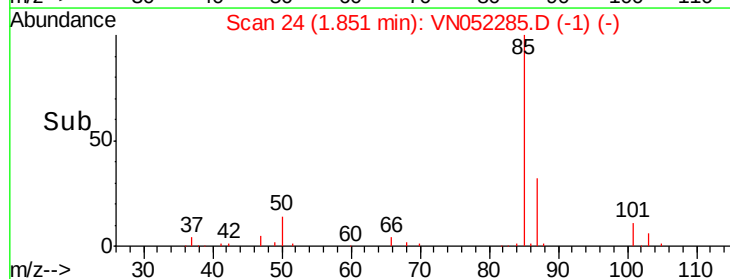
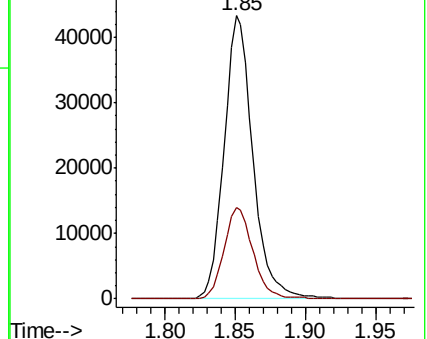
85 100

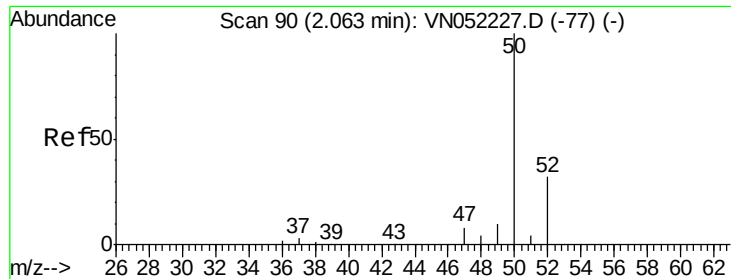
87 32.4 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 19.192 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

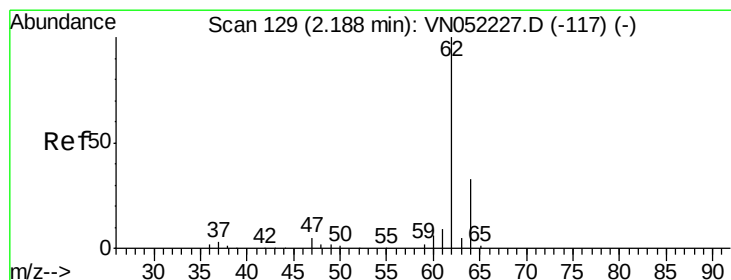
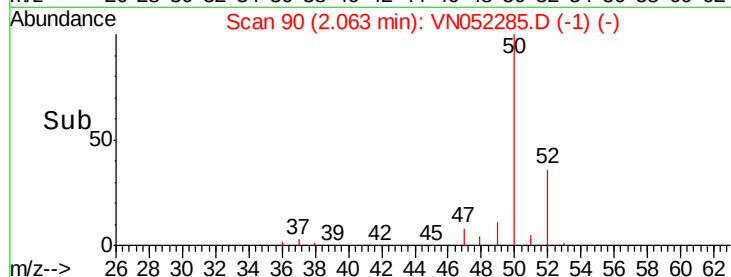
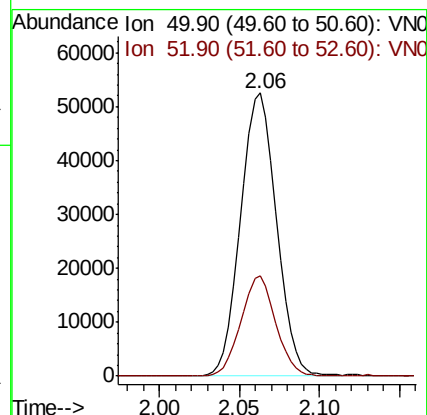
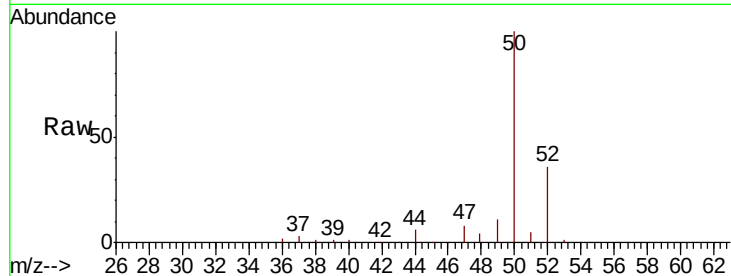
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 80401

Ion Ratio Lower Upper

50 100

52 35.6 25.7 38.5



#4

Vinyl Chloride

Concen: 19.356 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052285.D

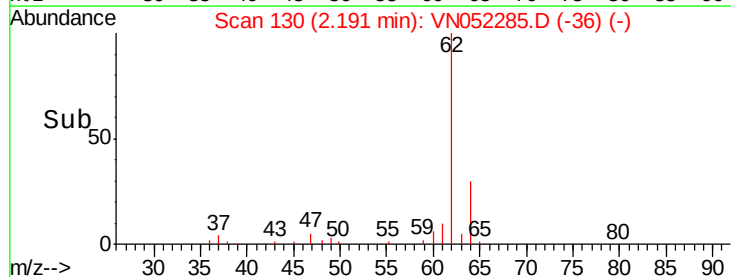
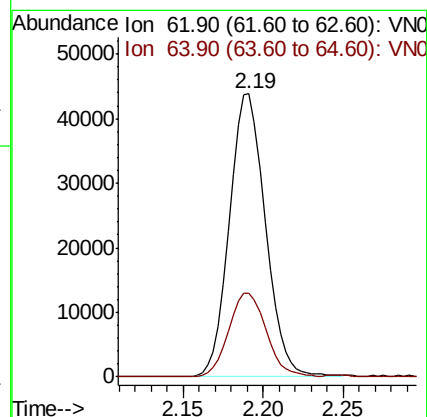
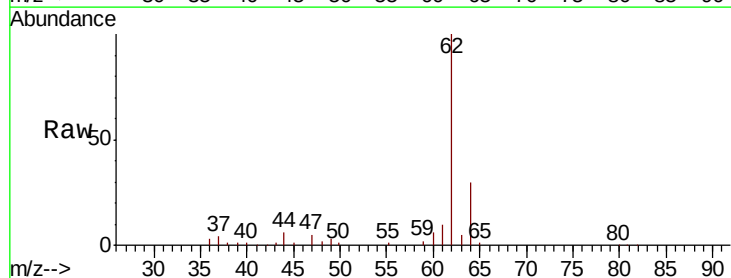
Acq: 13 Nov 2018 14:37

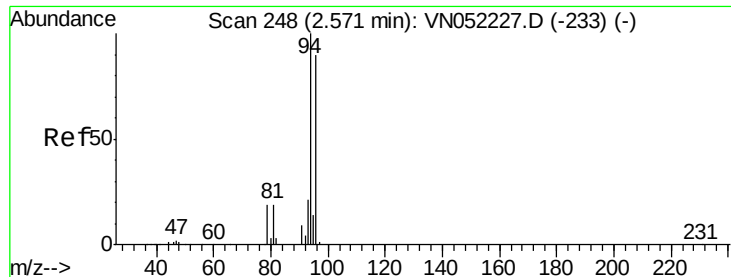
Tgt Ion: 62 Resp: 67559

Ion Ratio Lower Upper

62 100

64 29.8 26.1 39.1





#5

Bromomethane

Concen: 18.822 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

Instrument :

MSVOA_N

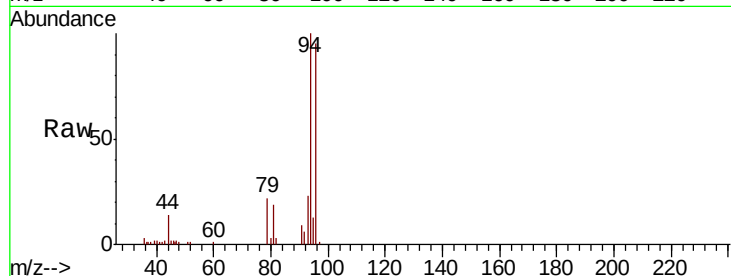
ClientSampleId :

Tot Ion: 94 Resp: 41682

Ion Ratio Lower Upper

94 100

96 94.9 71.8 107.8



Abundance Ion 93.90 (93.60 to 94.60): VN052227.D (-233) (-)

Ion 95.90 (95.60 to 96.60): VN052227.D (-233) (-)

2.57

20000

15000

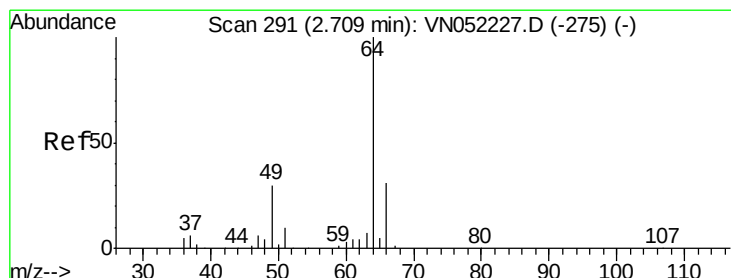
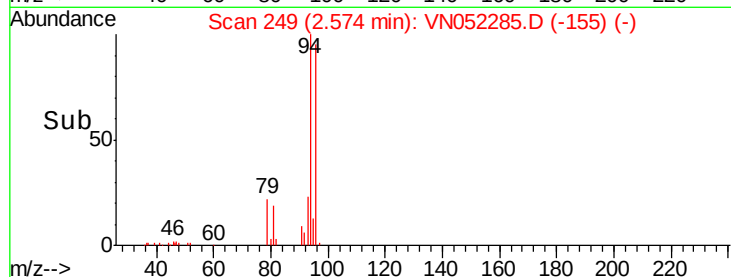
10000

5000

0

Time-->

2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 19.077 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN052285.D

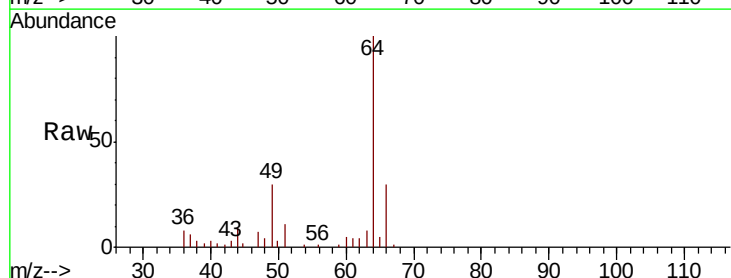
Acq: 13 Nov 2018 14:37

Tgt Ion: 64 Resp: 39541

Ion Ratio Lower Upper

64 100

66 30.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN052227.D (-275) (-)

Ion 65.90 (65.60 to 66.60): VN052227.D (-275) (-)

2.71

20000

15000

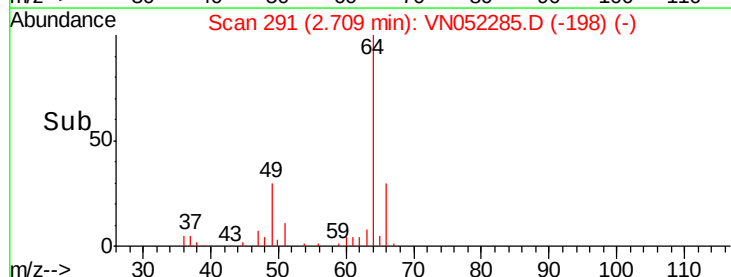
10000

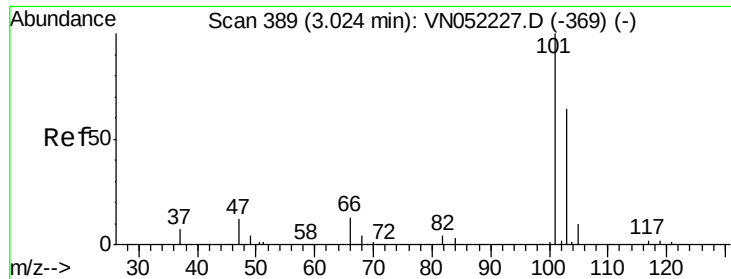
5000

0

Time-->

2.60 2.65 2.70 2.75 2.80



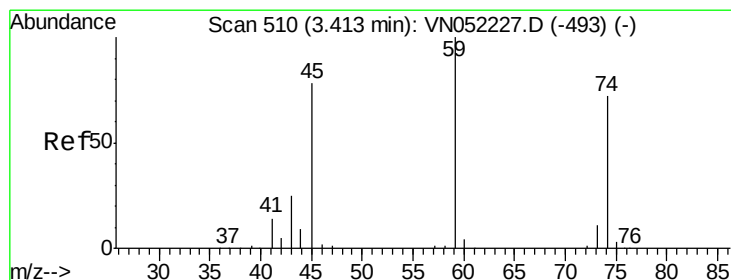
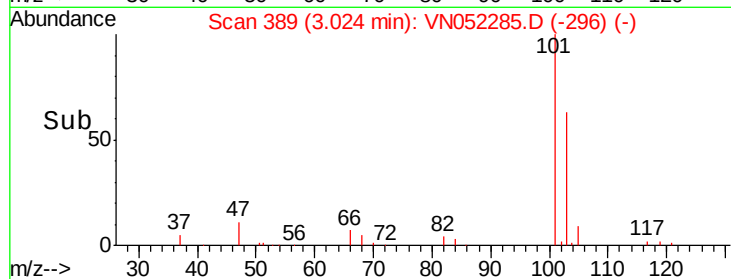
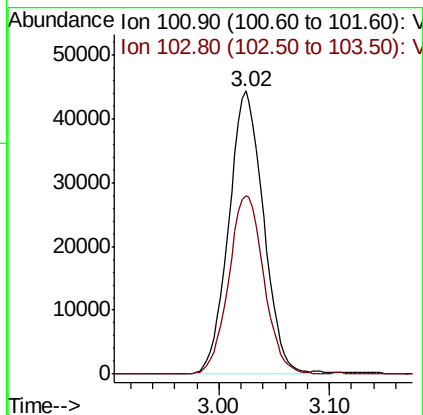
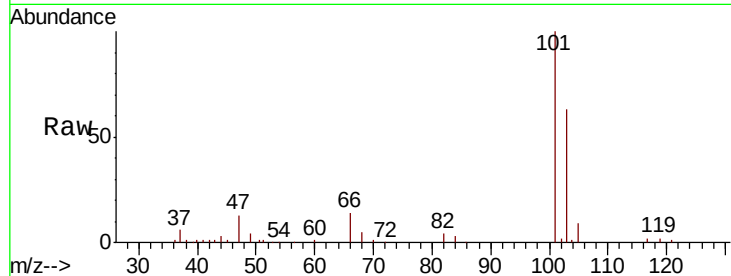


#7

Trichlorofluoromethane
Concen: 19.965 ug/l
RT: 3.02 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

Instrument :
MSVOA_N
ClientSampled :

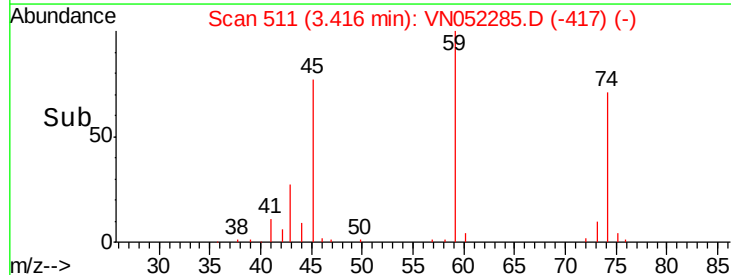
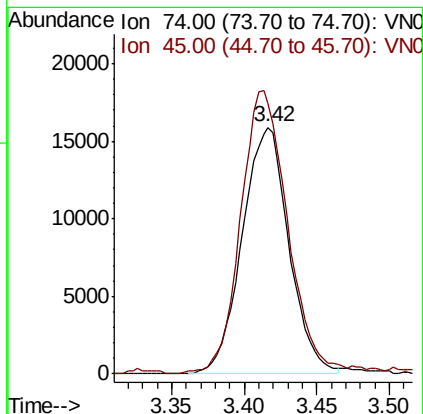
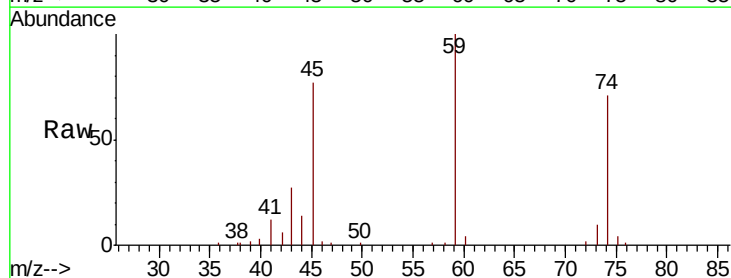
Tot Ion:101 Resp: 97003
Ion Ratio Lower Upper
101 100
103 63.0 51.2 76.8

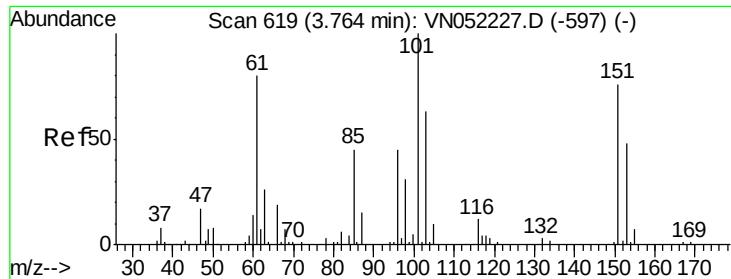


#8

Diethyl Ether
Concen: 18.655 ug/l
RT: 3.42 min Scan# 511
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

Tgt Ion: 74 Resp: 35658
Ion Ratio Lower Upper
74 100
45 115.3 55.5 166.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.504 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

Instrument :

MSVOA_N

ClientSampled :

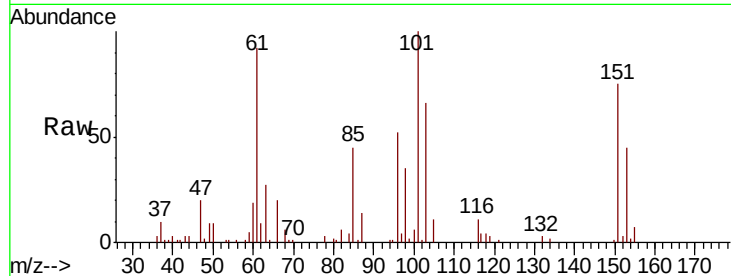
Tot Ion:101 Resp: 57680

Ion Ratio Lower Upper

101 100

85 47.9 36.2 54.4

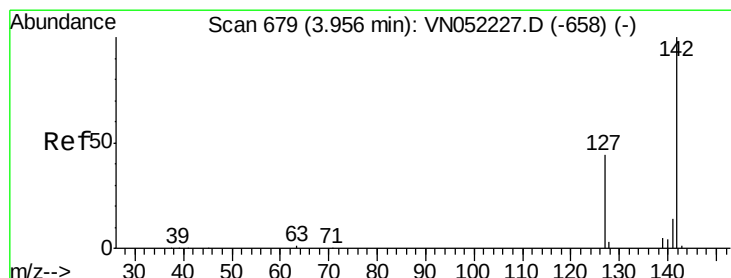
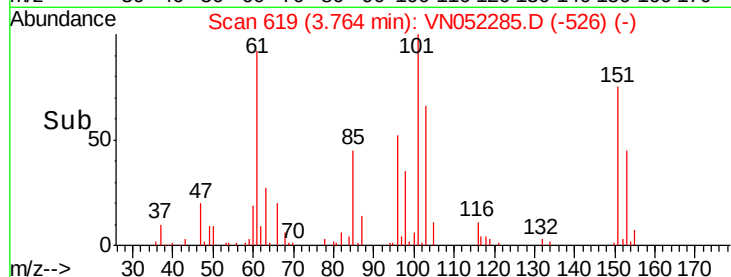
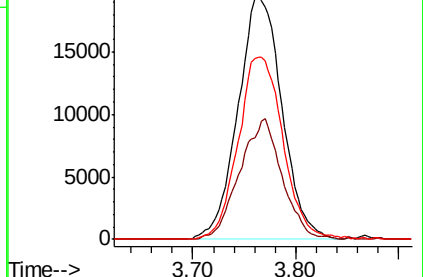
151 76.5 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.486 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

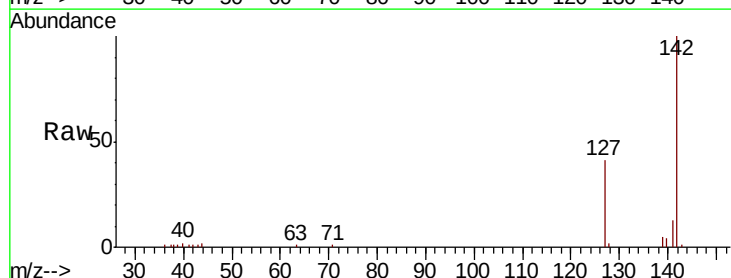
Tgt Ion:142 Resp: 78812

Ion Ratio Lower Upper

142 100

127 43.0 35.3 52.9

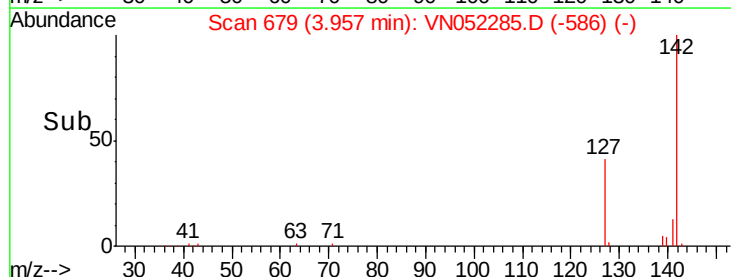
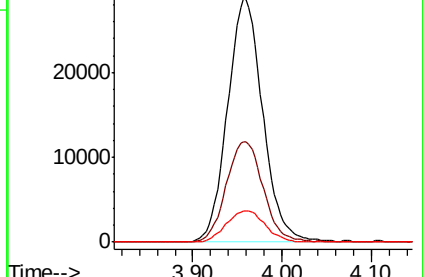
141 14.0 11.8 17.6

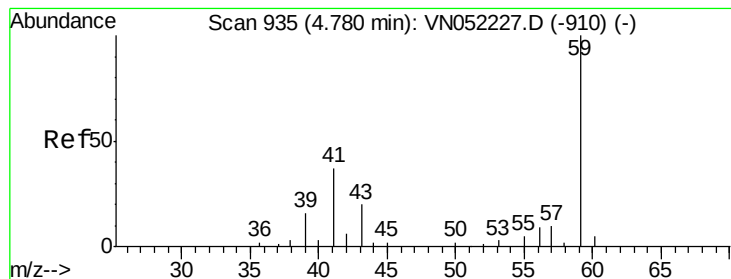


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



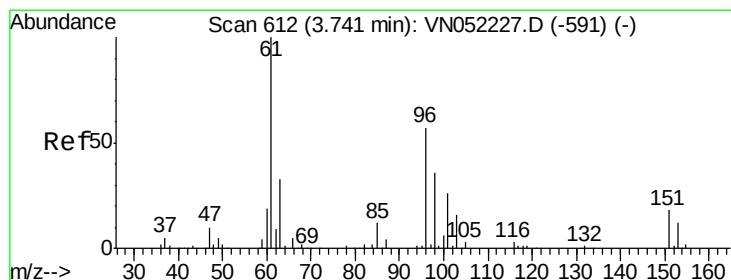
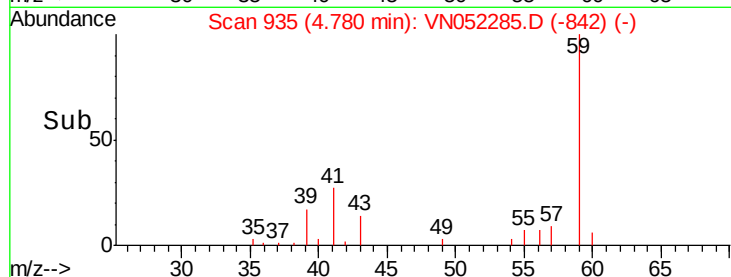
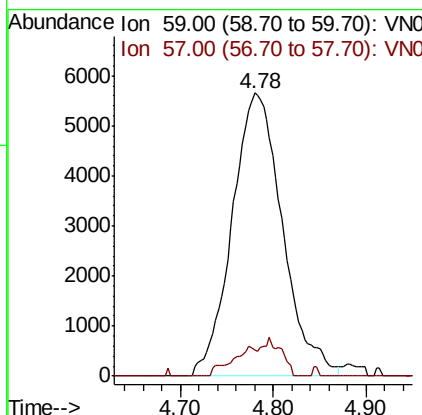
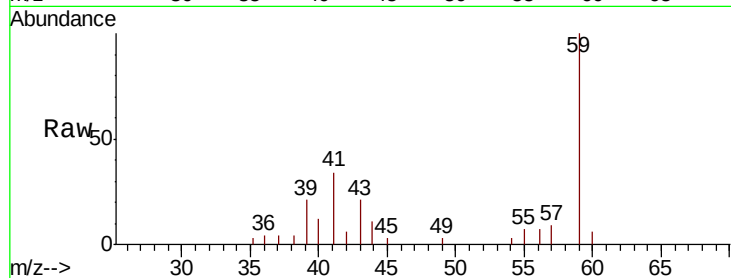


#11

Tert butyl alcohol
 Concen: 110.263 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

Instrument :
 MSVOA_N
 ClientSampleId :

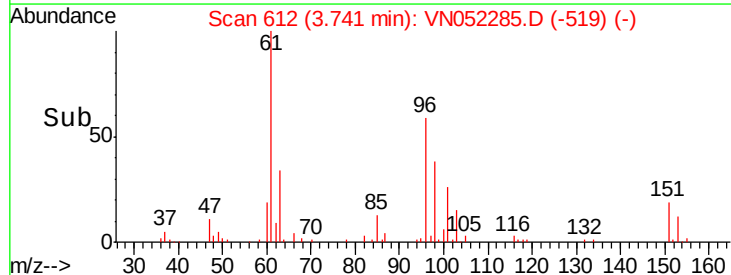
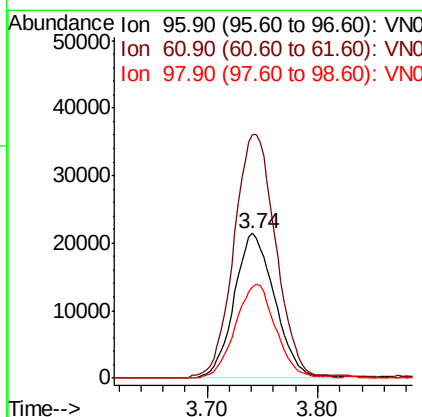
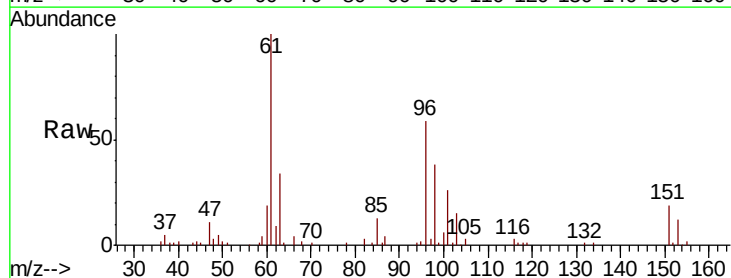
Tot Ion: 59 Resp: 21334
 Ion Ratio Lower Upper
 59 100
 57 5.2 8.8 13.2#

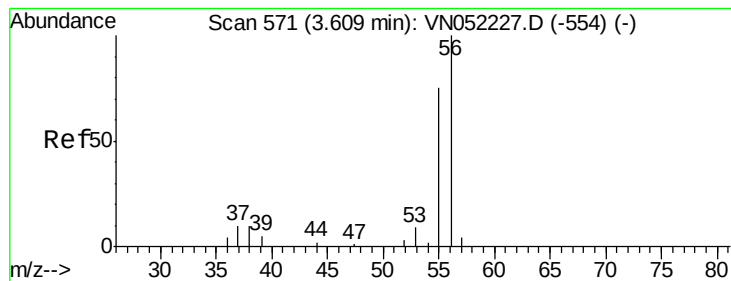


#12

1,1-Dichloroethene
 Concen: 18.933 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

Tgt Ion: 96 Resp: 54629
 Ion Ratio Lower Upper
 96 100
 61 168.3 141.1 211.7
 98 63.5 50.3 75.5





#13

Acrolein

Concen: 106.099 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

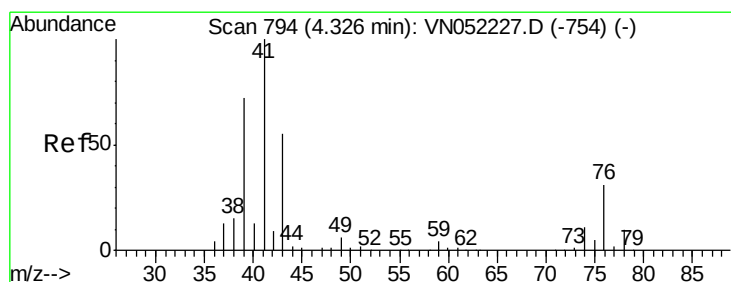
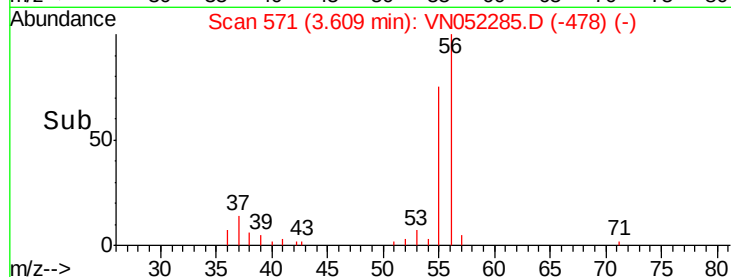
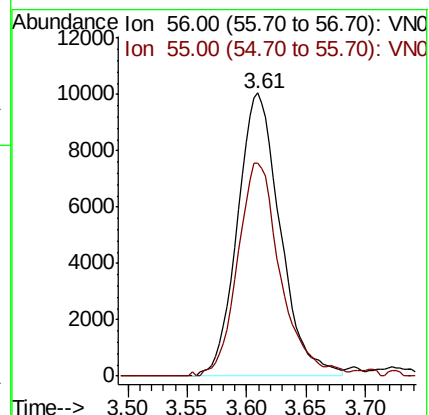
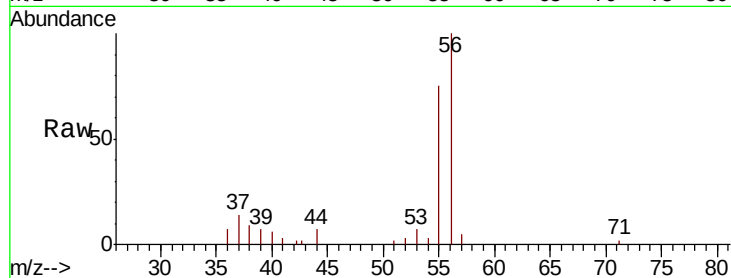
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 25033

Ion Ratio Lower Upper

56 100

55 74.2 59.9 89.9



#14

Allyl chloride

Concen: 18.309 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

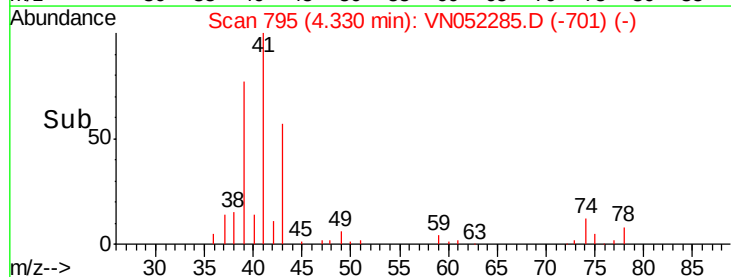
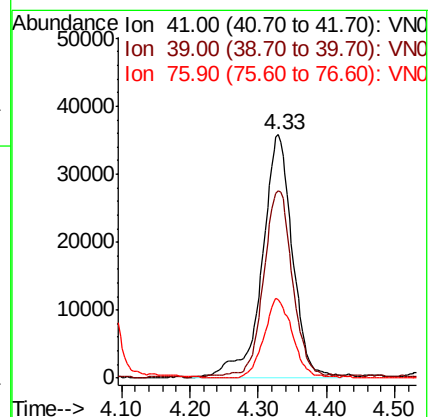
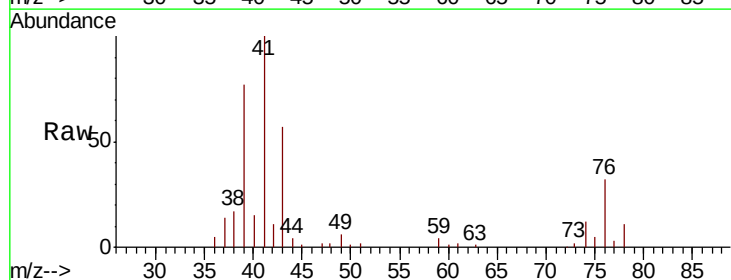
Tgt Ion: 41 Resp: 110605

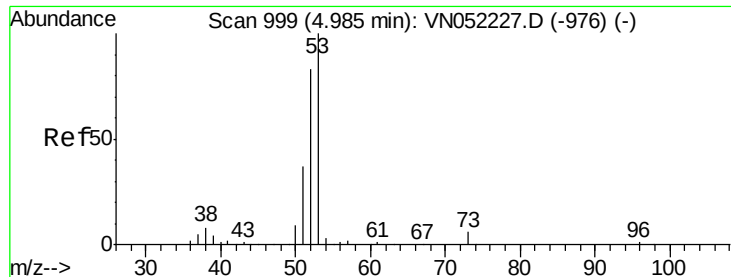
Ion Ratio Lower Upper

41 100

39 70.2 55.1 82.7

76 30.4 23.6 35.4

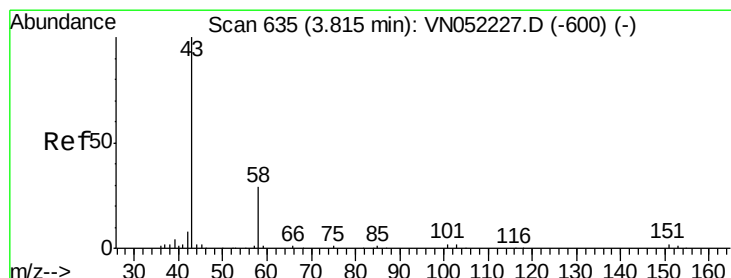
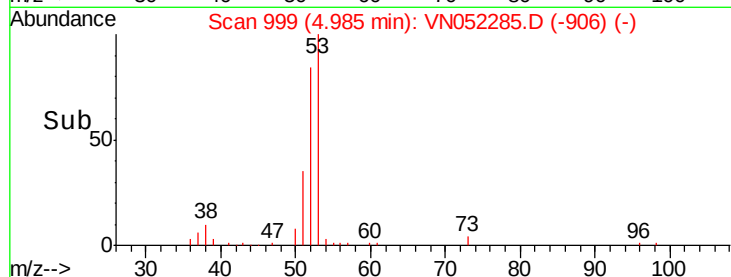
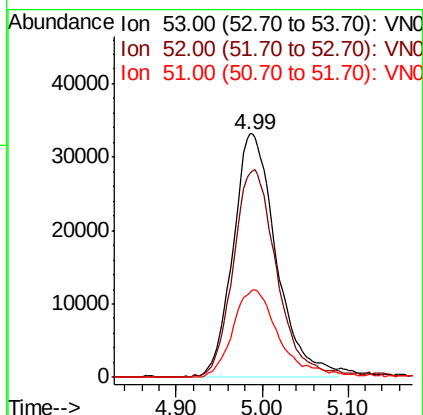
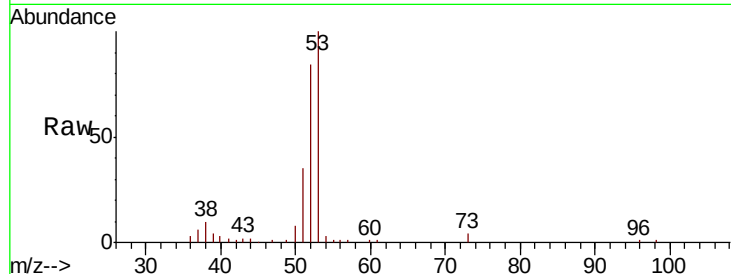




#15
 Acrylonitrile
 Concen: 97.380 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

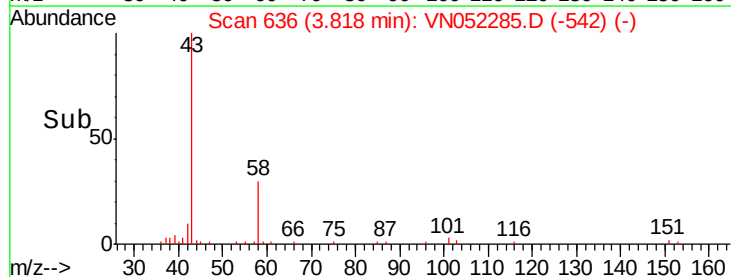
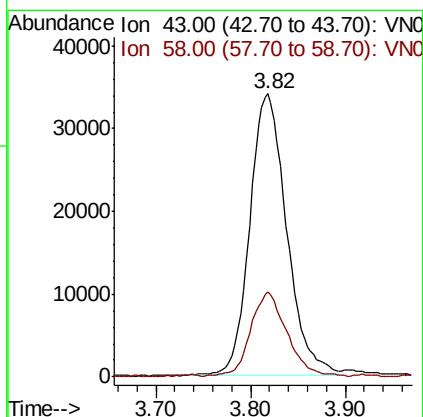
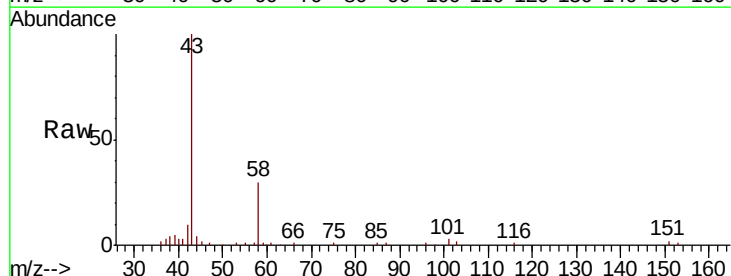
Instrument :
 MSVOA_N
 ClientSampleId :

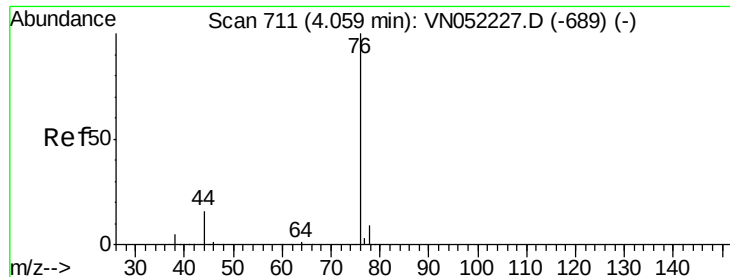
Tot Ion: 53 Resp: 115802
 Ion Ratio Lower Upper
 53 100
 52 84.8 66.7 100.1
 51 38.8 29.4 44.0



#16
 Acetone
 Concen: 89.559 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

Tgt Ion: 43 Resp: 91982
 Ion Ratio Lower Upper
 43 100
 58 29.2 23.0 34.6





#17

Carbon Disulfide

Concen: 18.241 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

Instrument :

MSVOA_N

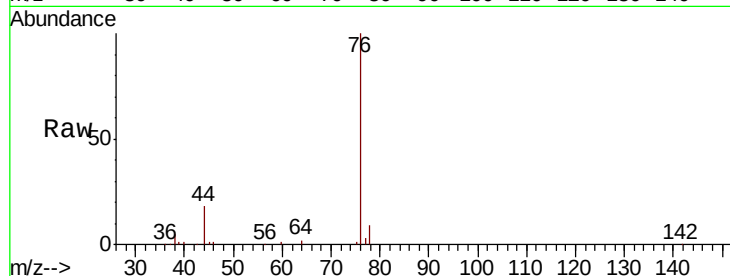
ClientSampleId :

Tot Ion: 76 Resp: 152684

Ion Ratio Lower Upper

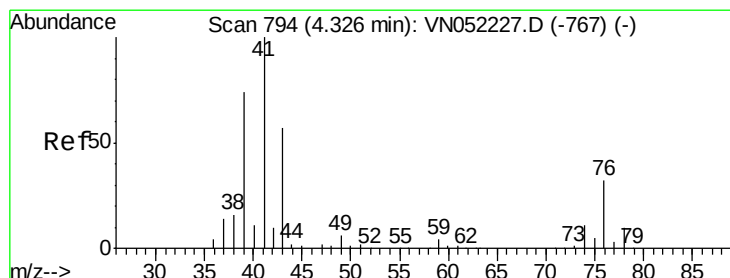
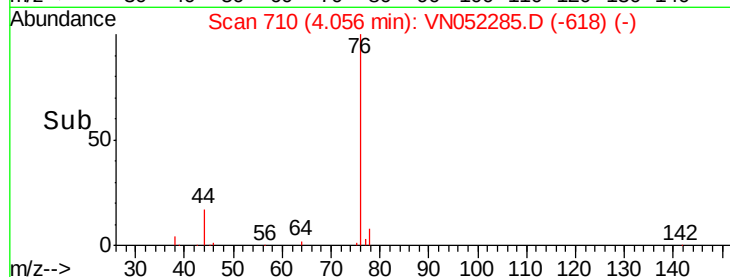
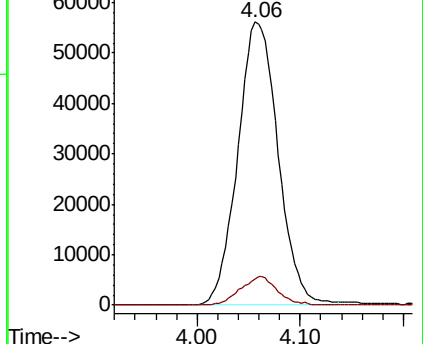
76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 19.093 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN052285.D

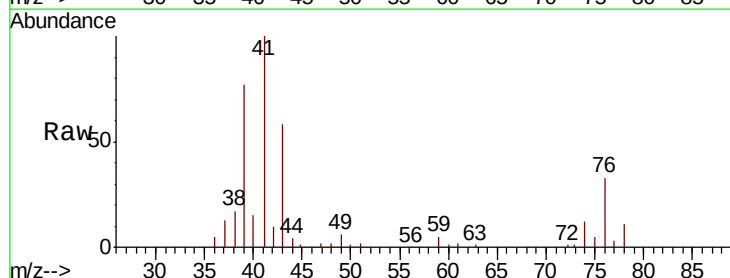
Acq: 13 Nov 2018 14:37

Tgt Ion: 43 Resp: 60221

Ion Ratio Lower Upper

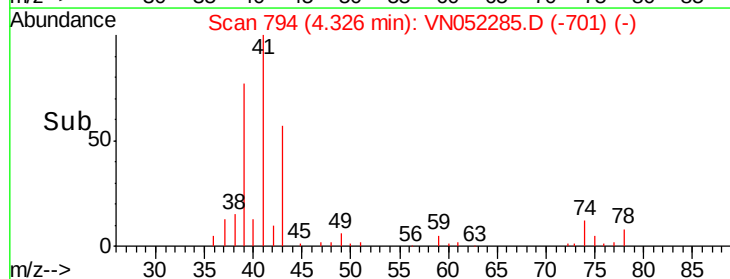
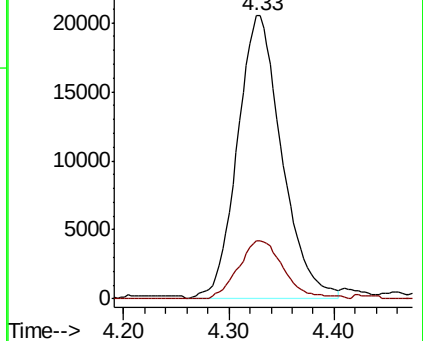
43 100

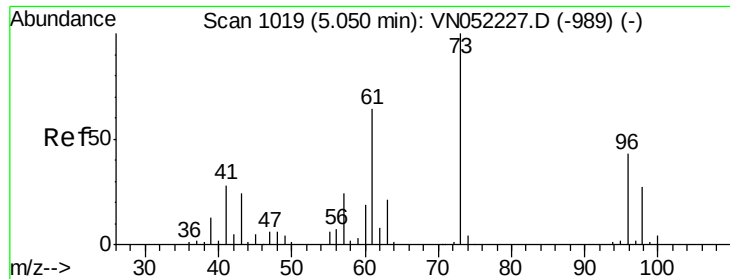
74 20.6 16.2 24.2



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC



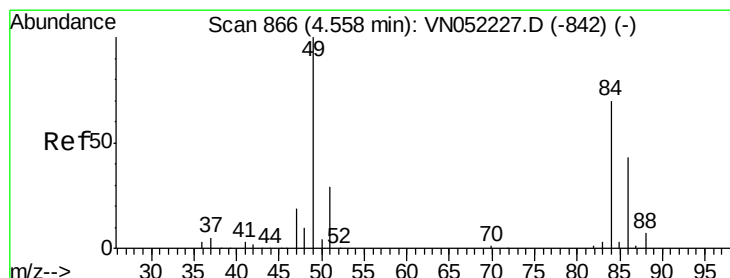
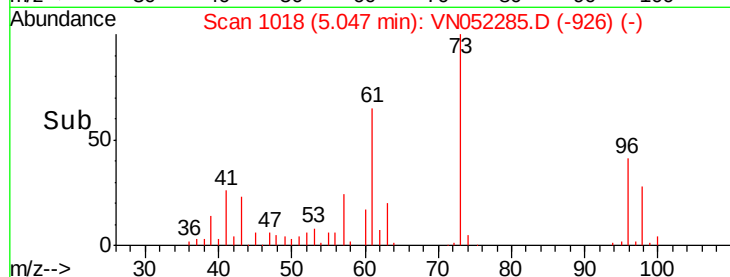
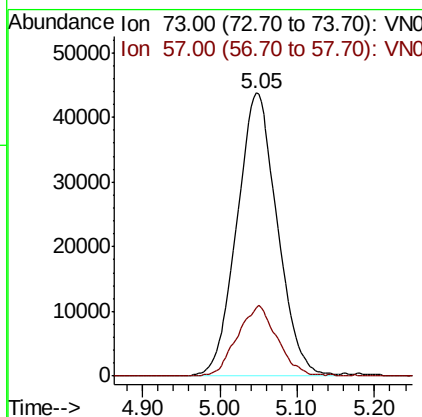
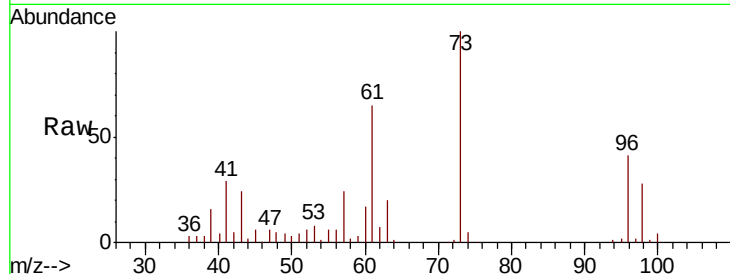


#19

Methyl tert-butyl Ether
 Concen: 19.313 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

Instrument :
 MSVOA_N
 ClientSampled :

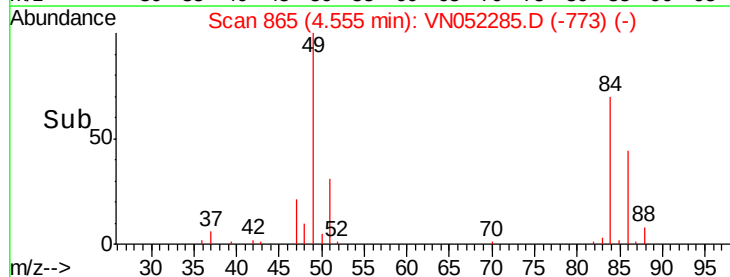
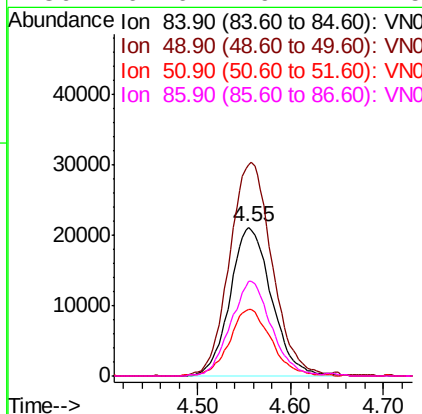
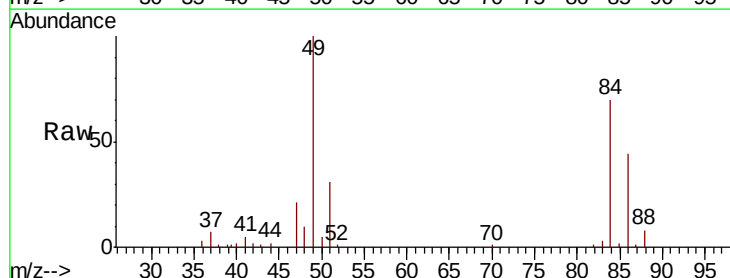
Tot Ion: 73 Resp: 159207
 Ion Ratio Lower Upper
 73 100
 57 24.2 19.1 28.7

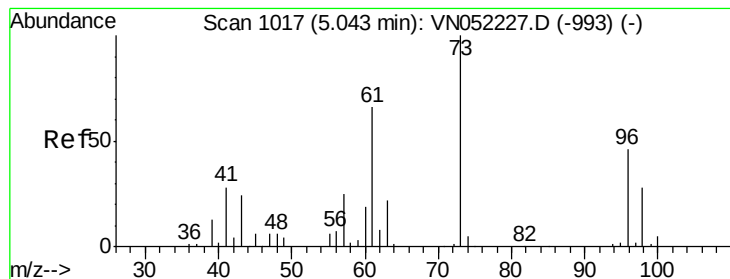


#20

Methylene Chloride
 Concen: 19.008 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

Tgt Ion: 84 Resp: 65406
 Ion Ratio Lower Upper
 84 100
 49 141.5 114.8 172.2
 51 44.7 33.1 49.7
 86 62.6 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 18.244 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

Instrument :
MSVOA_N
ClientSampled :

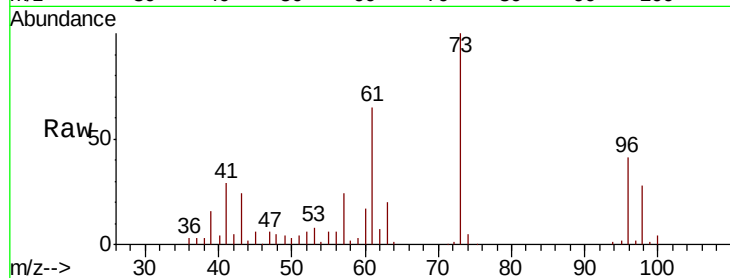
Tot Ion: 96 Resp: 57211

Ion Ratio Lower Upper

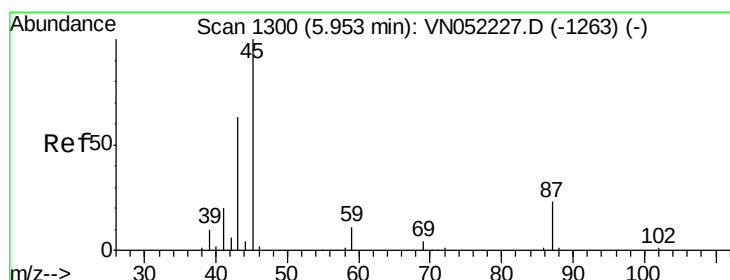
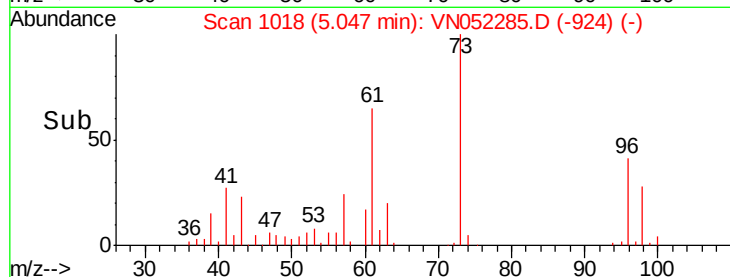
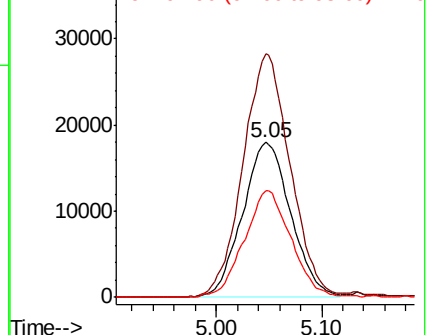
96 100

61 156.5 115.3 172.9

98 69.1 49.5 74.3



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



#22

Diisopropyl ether

Concen: 19.266 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

Tgt Ion: 45 Resp: 233312

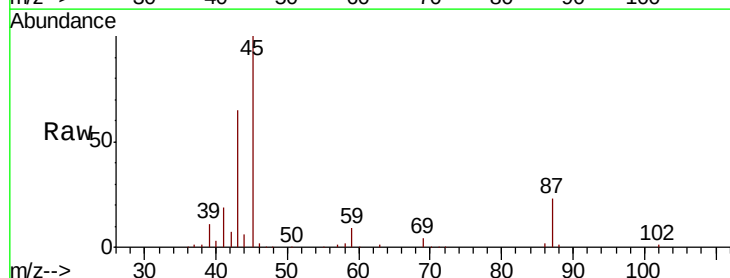
Ion Ratio Lower Upper

45 100

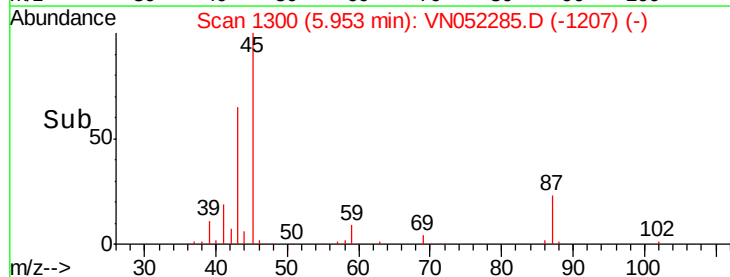
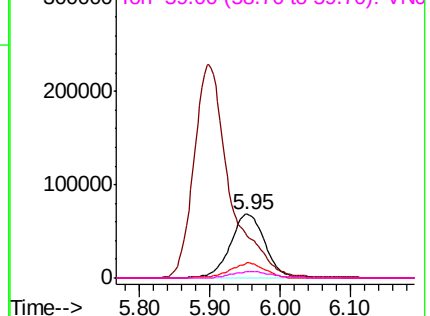
43 64.0 50.6 76.0

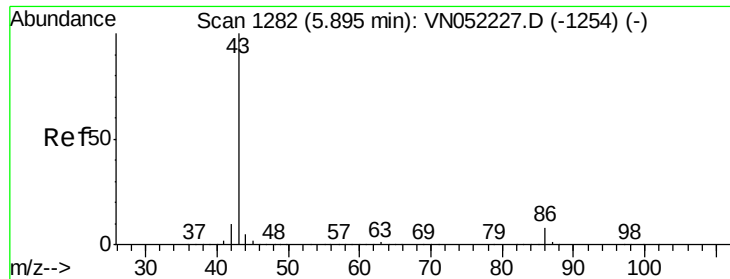
87 23.2 19.0 28.4

59 9.2 8.6 13.0



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

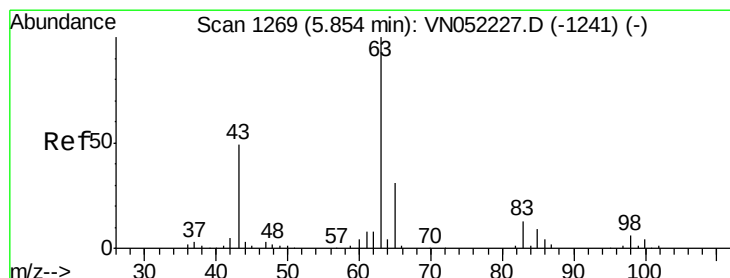
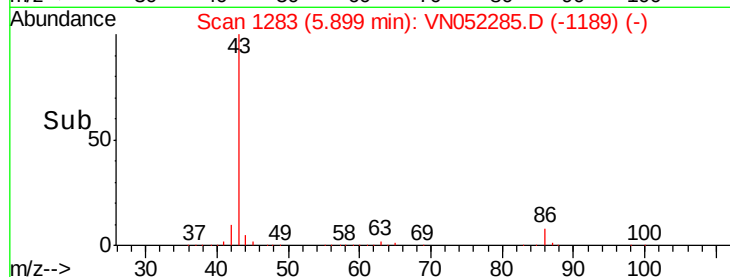
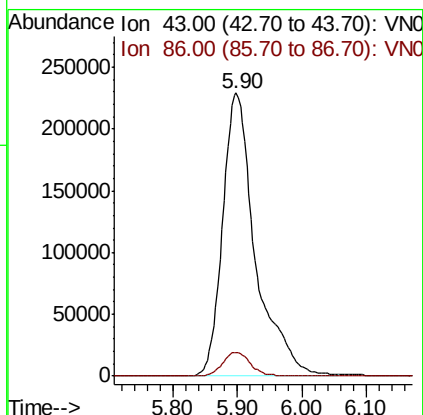
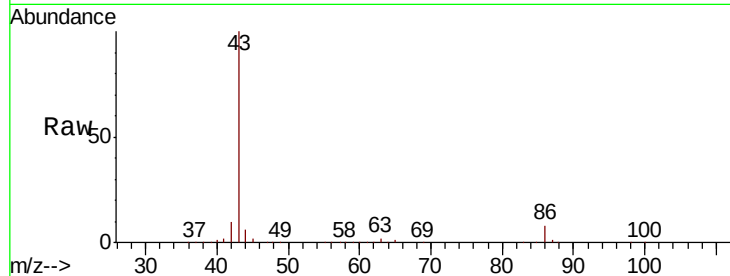




#23
 Vinyl Acetate
 Concen: 97.672 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

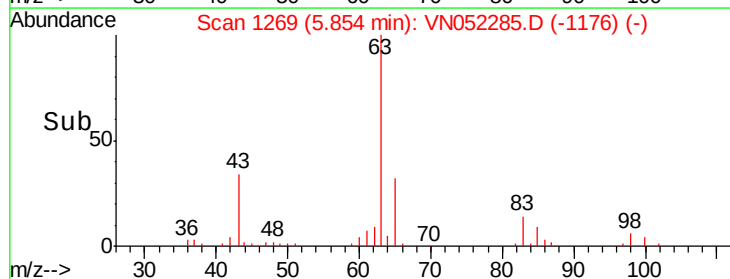
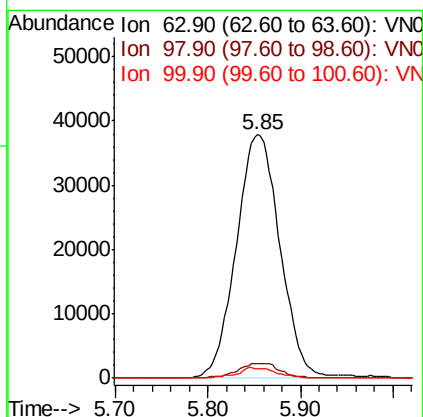
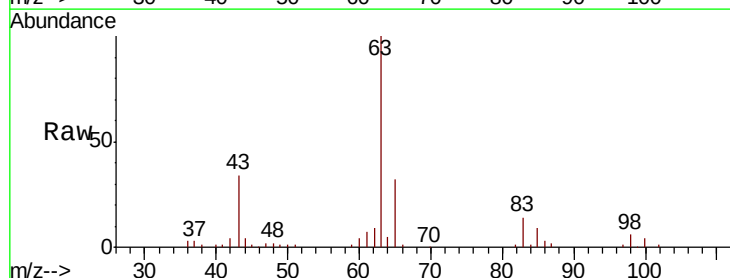
Instrument :
 MSVOA_N
 ClientSampled :

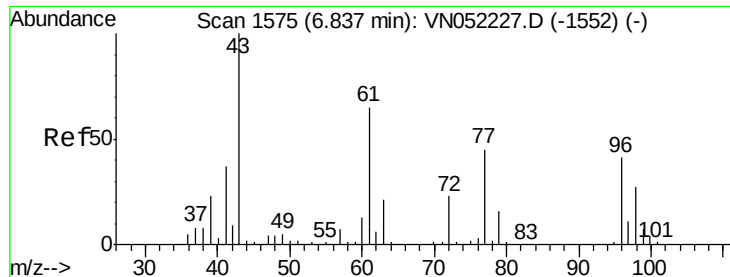
Tot Ion: 43 Resp: 811625
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 19.323 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

Tgt Ion: 63 Resp: 123598
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.9 8.6
 100 3.9 2.1 6.2

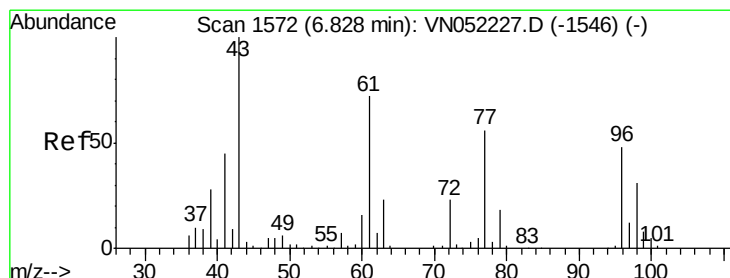
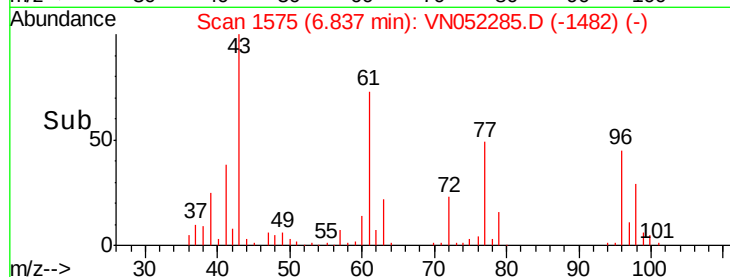
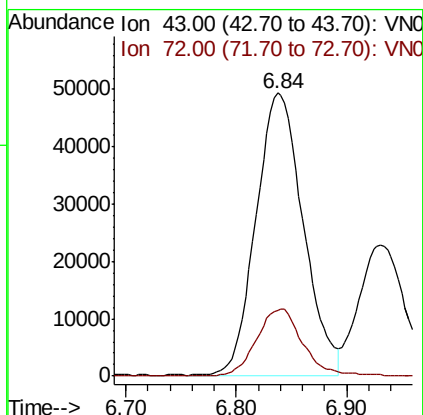
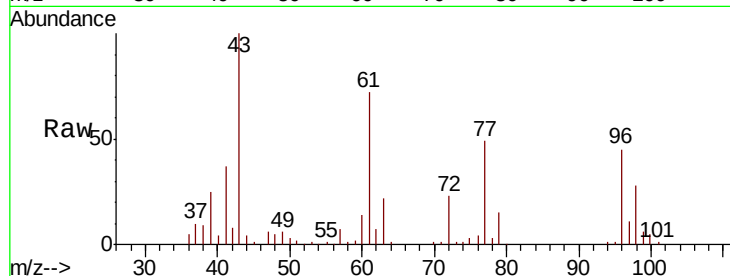




#25
2-Butanone
Concen: 90.514 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

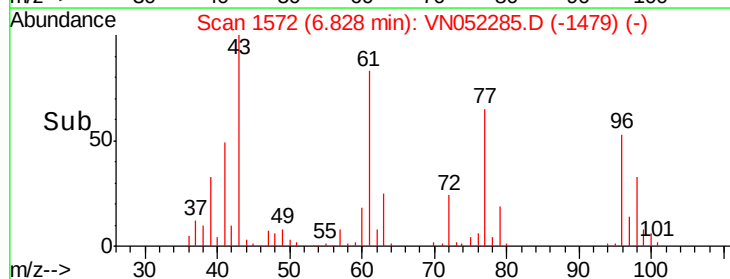
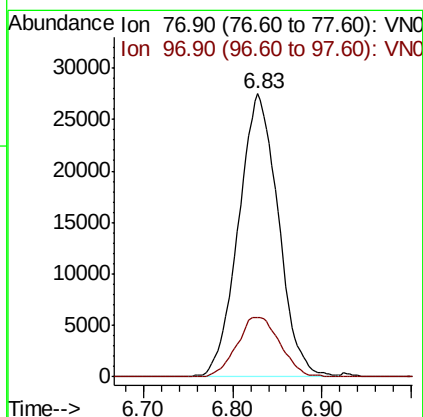
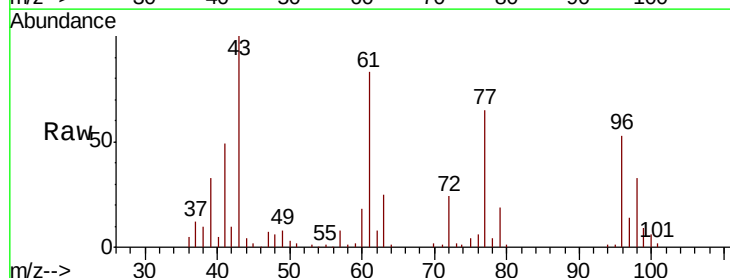
Instrument :
MSVOA_N
ClientSampled :

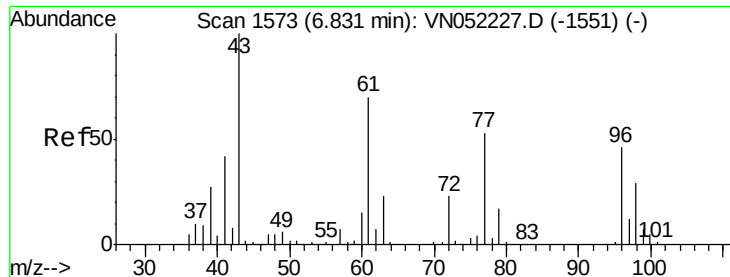
Tot Ion: 43 Resp: 145745
Ion Ratio Lower Upper
43 100
72 23.2 18.6 27.8



#26
2,2-Dichloropropane
Concen: 18.244 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

Tgt Ion: 77 Resp: 85233
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 19.374 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

Instrument :

MSVOA_N

ClientSampled :

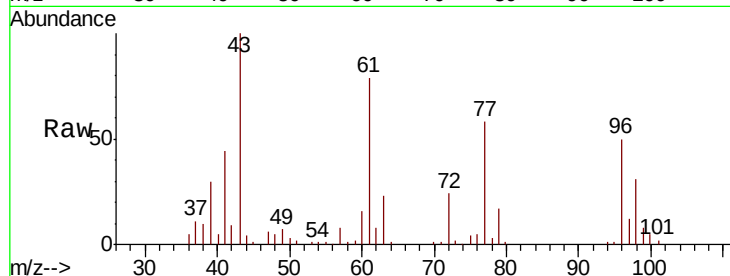
Tot Ion: 96 Resp: 68008

Ion Ratio Lower Upper

96 100

61 158.8 0.0 313.4

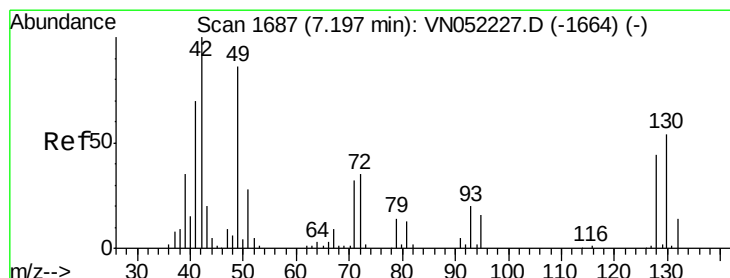
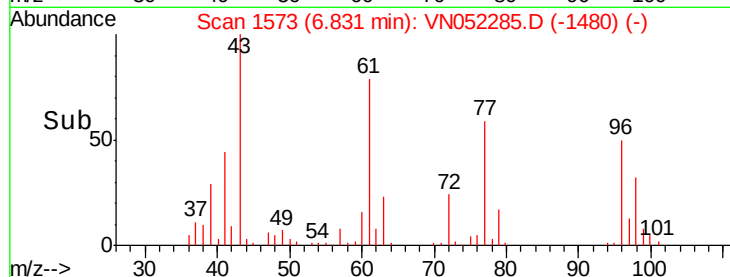
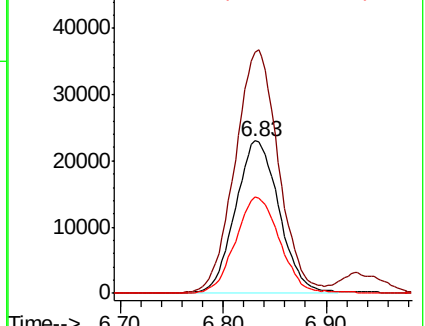
98 63.9 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN052227.D (-1551) (-)

Ion 60.90 (60.60 to 61.60): VN052227.D (-1551) (-)

Ion 97.90 (97.60 to 98.60): VN052227.D (-1551) (-)



#28

Bromochloromethane

Concen: 19.387 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

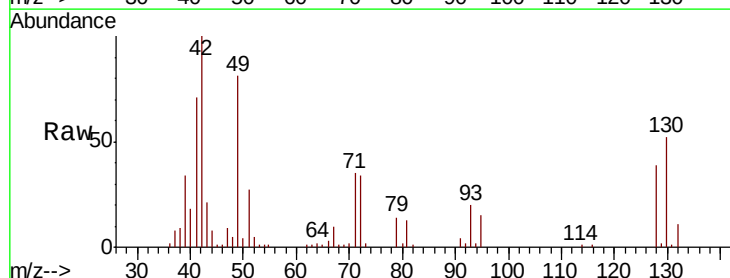
Tgt Ion: 49 Resp: 61276

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

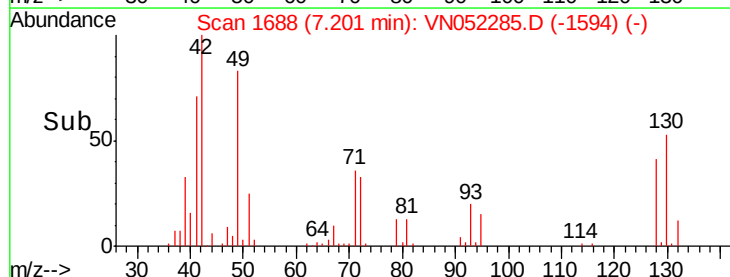
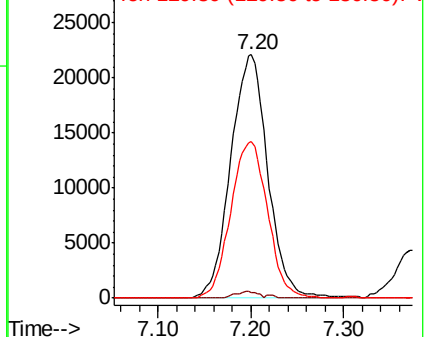
130 63.8 51.4 77.2

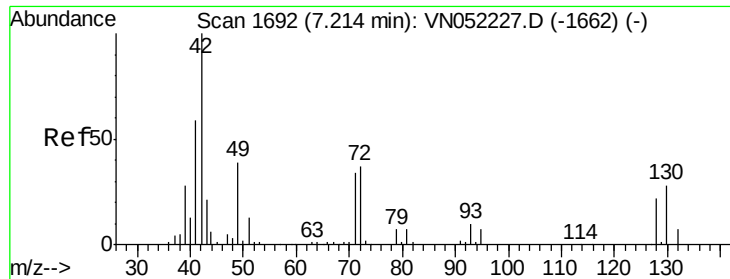


Abundance Ion 48.90 (48.60 to 49.60): VN052227.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN052227.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN052227.D (-1664) (-)

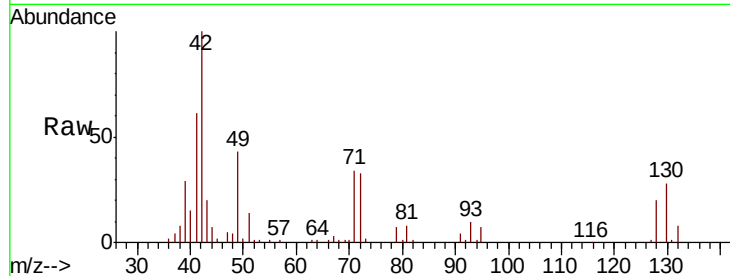




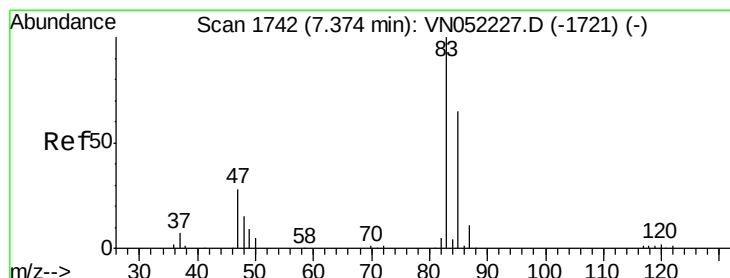
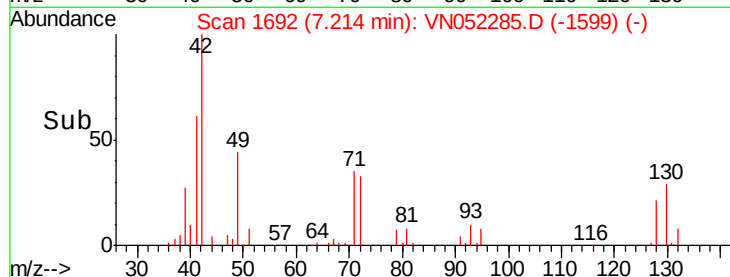
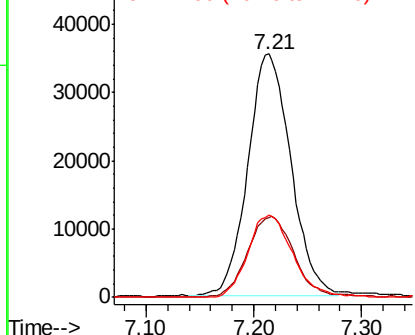
#29
Tetrahydrofuran
Concen: 93.978 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 98483
Ion Ratio Lower Upper
42 100
72 35.5 28.6 43.0
71 35.1 27.1 40.7

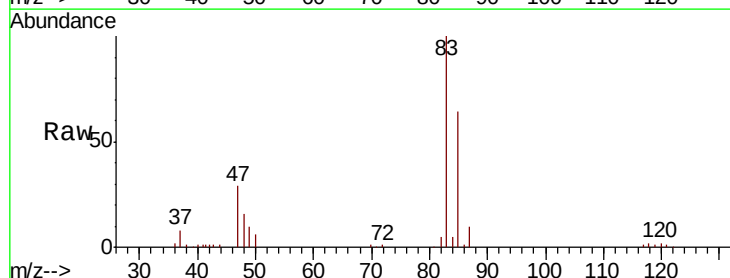


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

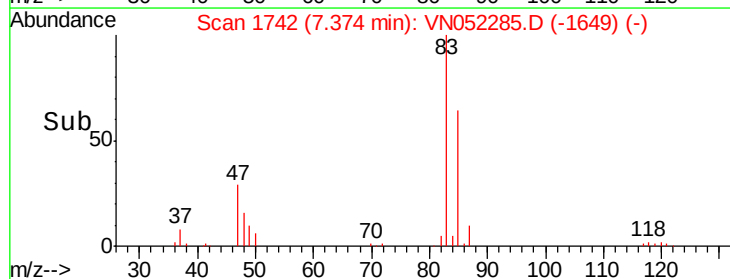
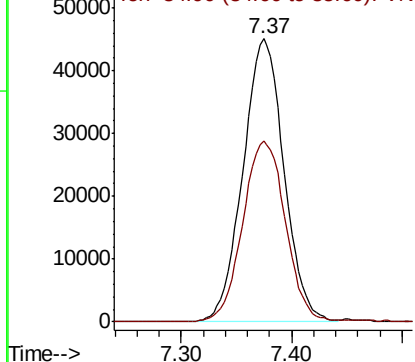


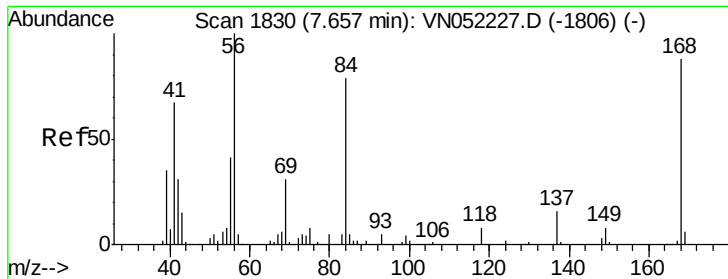
#30
Chloroform
Concen: 19.238 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

Tgt Ion: 83 Resp: 116456
Ion Ratio Lower Upper
83 100
85 63.8 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

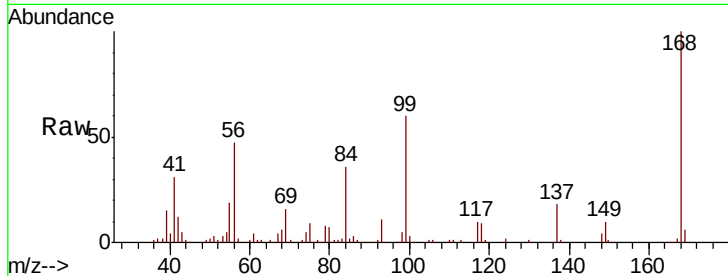




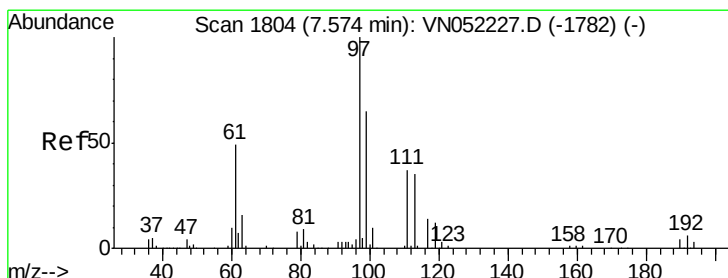
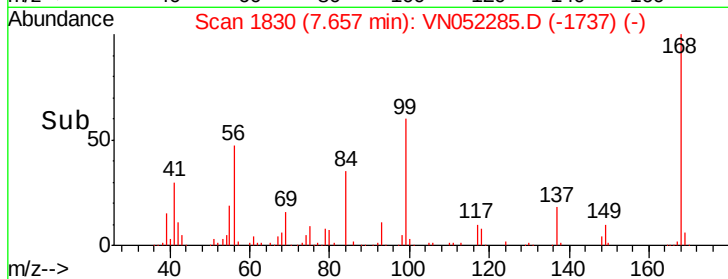
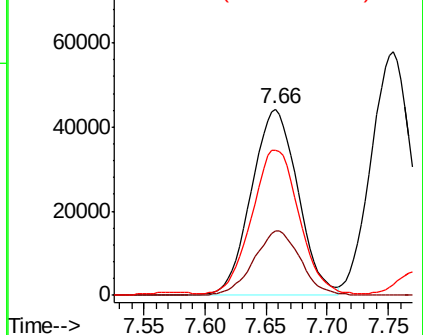
#31
Cyclohexane
Concen: 19.452 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 117517
Ion Ratio Lower Upper
56 100
69 34.7 24.8 37.2
84 76.6 63.1 94.7

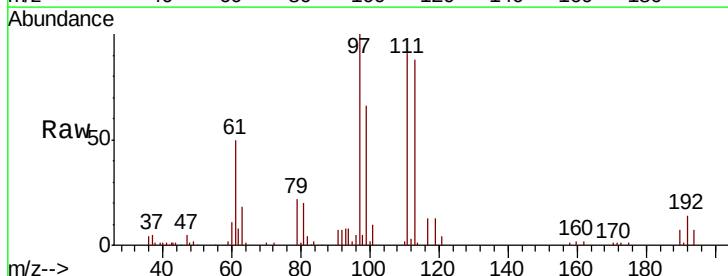


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

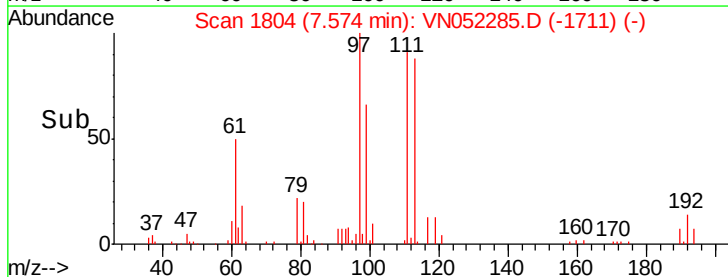
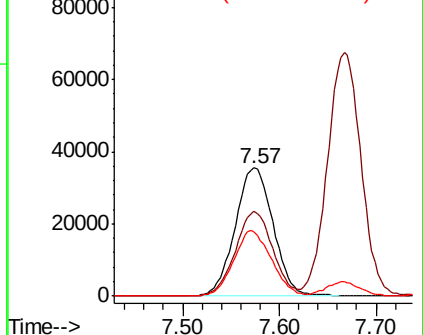


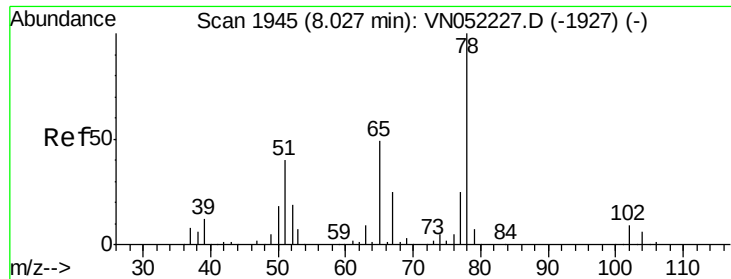
#32
1,1,1-Trichloroethane
Concen: 19.700 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

Tgt Ion: 97 Resp: 97201
Ion Ratio Lower Upper
97 100
99 64.7 51.9 77.9
61 50.7 40.2 60.4



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

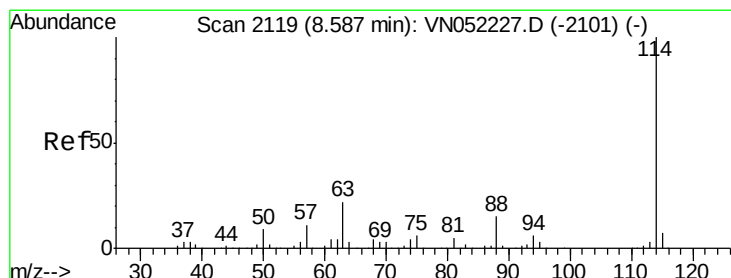
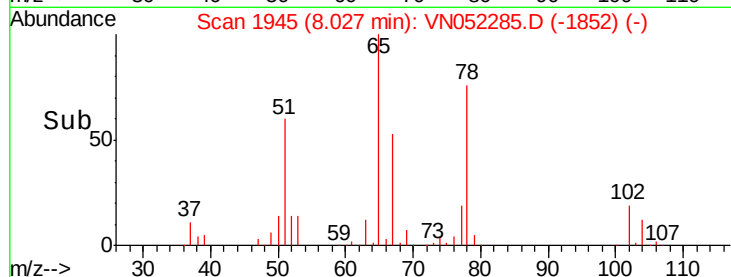
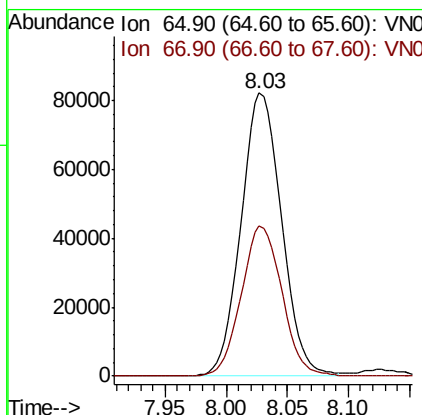
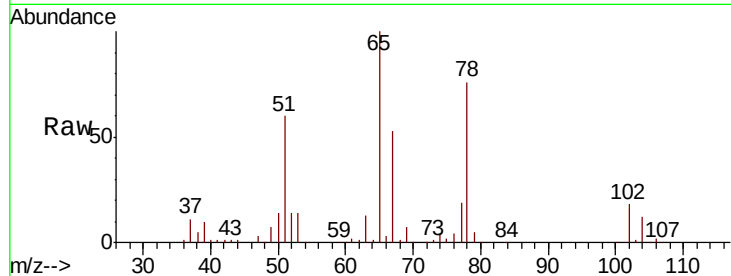




#33
 1,2-Dichloroethane-d4
 Concen: 19.700 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

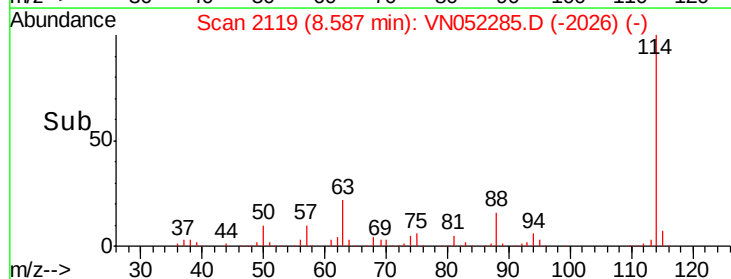
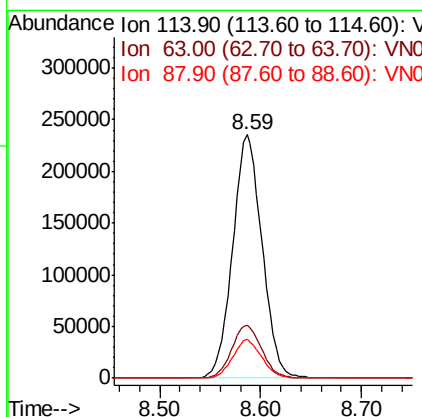
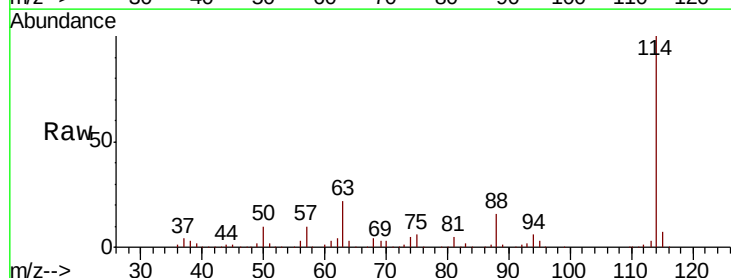
Instrument :
 MSVOA_N
 ClientSampled :

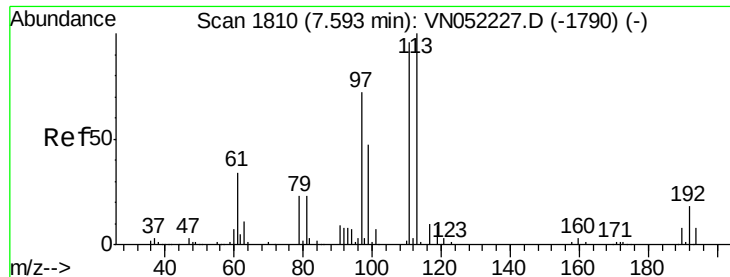
Tot Ion: 65 Resp: 188806
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

Tgt Ion: 114 Resp: 476413
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.4
 88 15.7 0.0 30.2

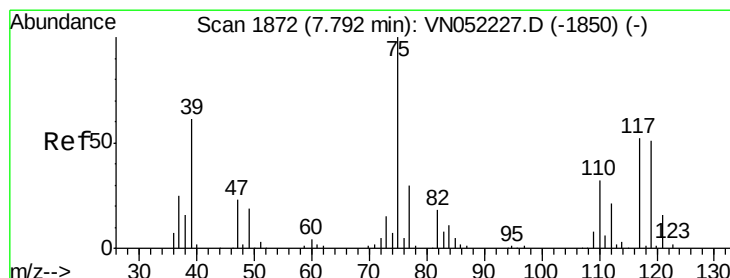
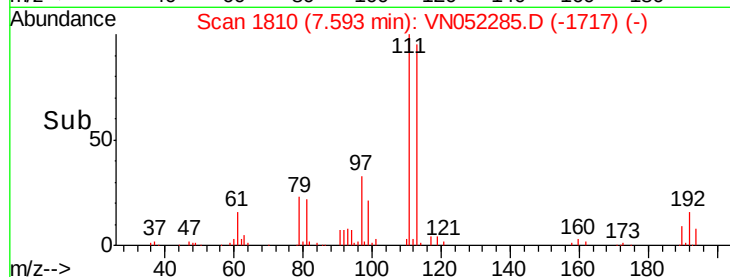
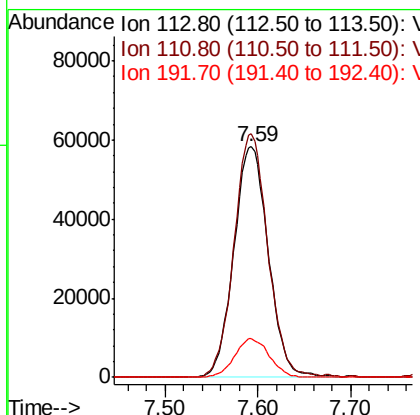
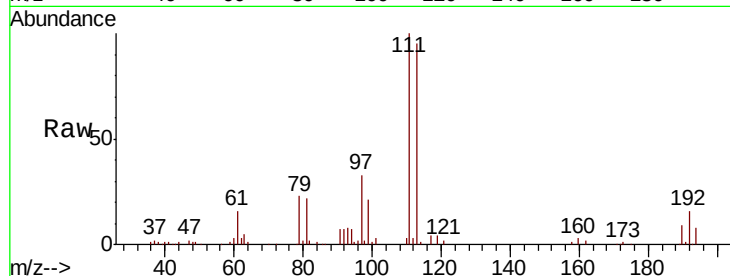




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

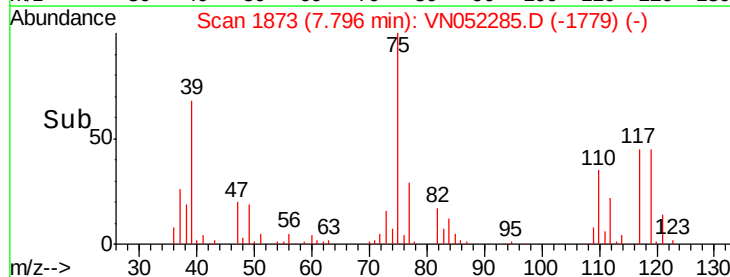
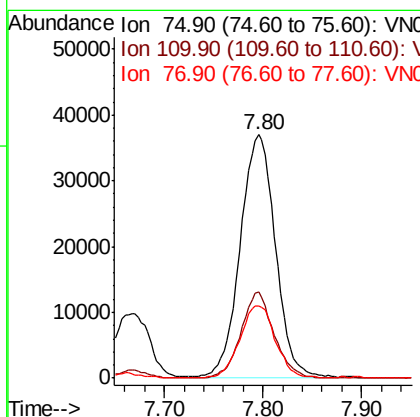
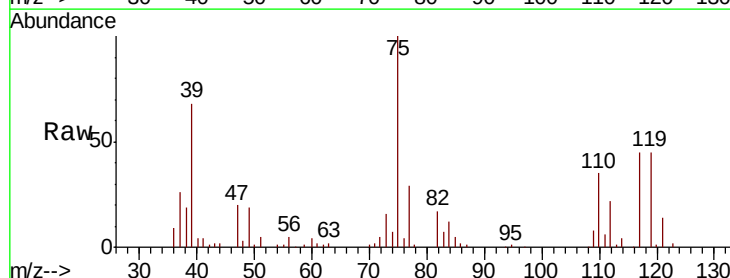
Instrument :
 MSVOA_N
 ClientSampleId :

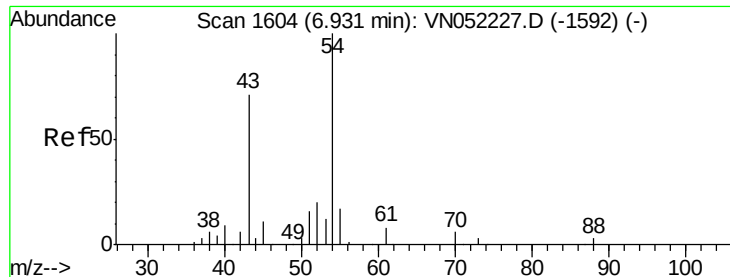
Tot Ion:113 Resp: 150660
 Ion Ratio Lower Upper
 113 100
 111 103.2 80.2 120.4
 192 16.8 14.1 21.1



#36
 1,1-Dichloropropene
 Concen: 18.842 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

Tgt Ion: 75 Resp: 90605
 Ion Ratio Lower Upper
 75 100
 110 33.3 16.4 49.4
 77 30.2 23.9 35.9

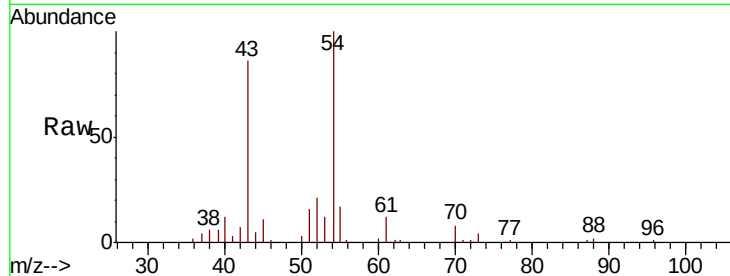




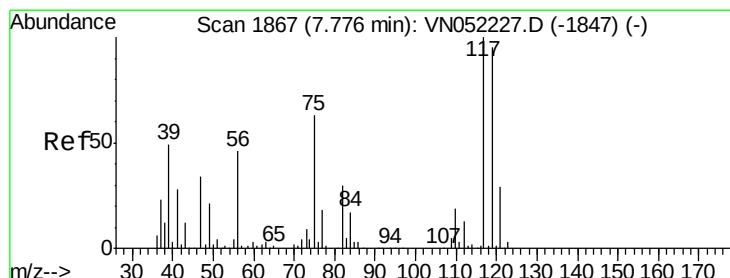
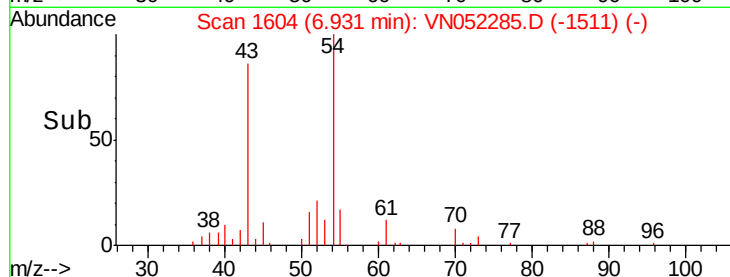
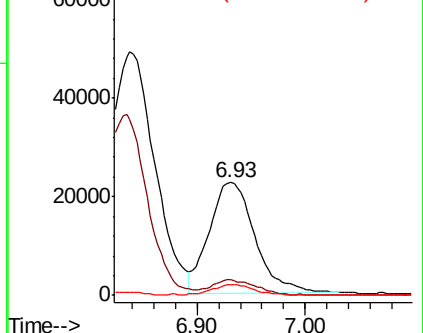
#37
Ethyl Acetate
Concen: 18.402 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 66555
Ion Ratio Lower Upper
43 100
61 12.4 10.0 15.0
70 9.2 6.9 10.3

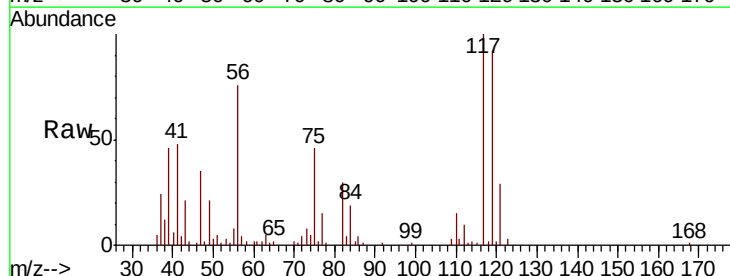


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

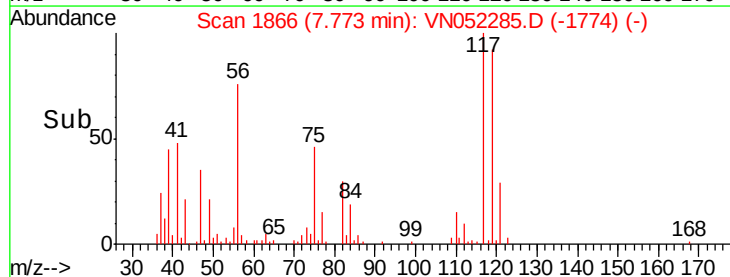
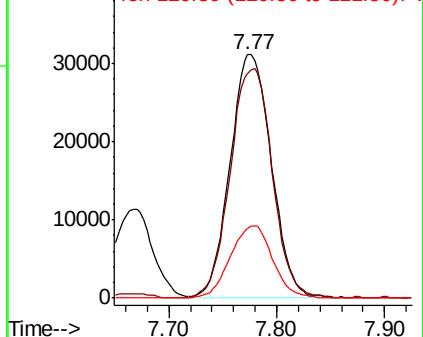


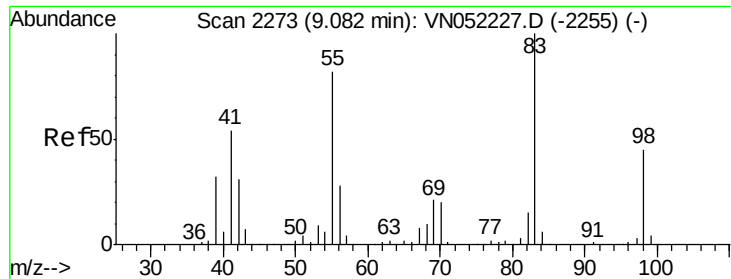
#38
Carbon Tetrachloride
Concen: 19.048 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

Tgt Ion: 117 Resp: 83007
Ion Ratio Lower Upper
117 100
119 92.4 75.8 113.8
121 28.8 23.4 35.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

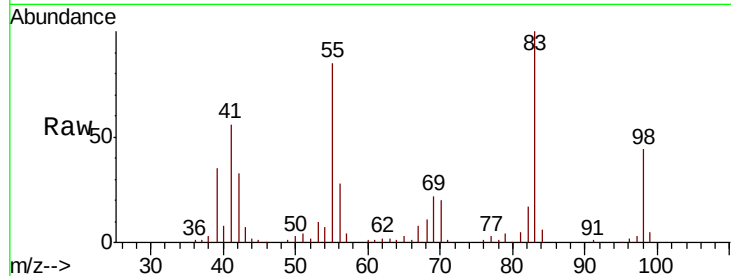




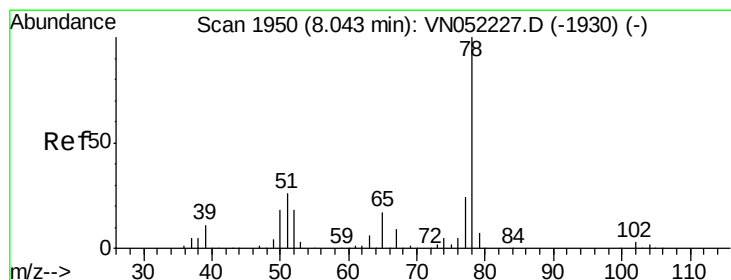
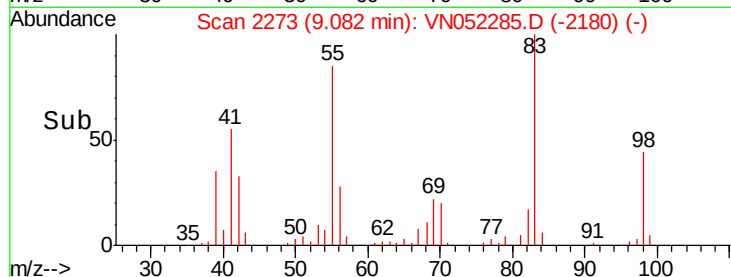
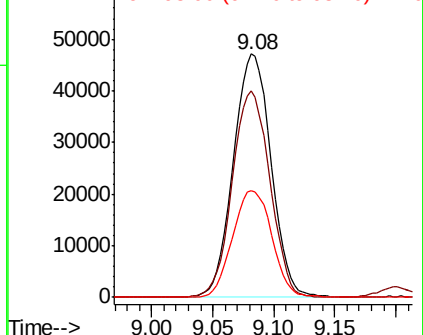
#39
Methylvlcyclohexane
Concen: 18.409 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 100971
Ion Ratio Lower Upper
83 100
55 84.6 65.2 97.8
98 44.1 36.3 54.5

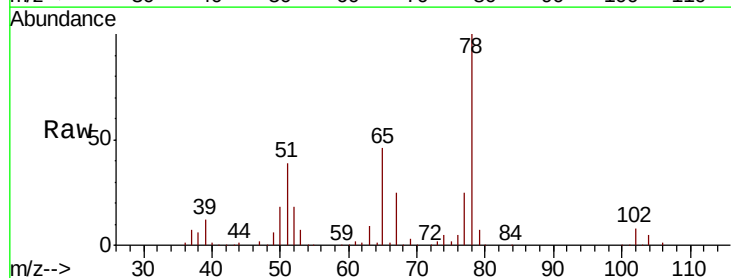


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

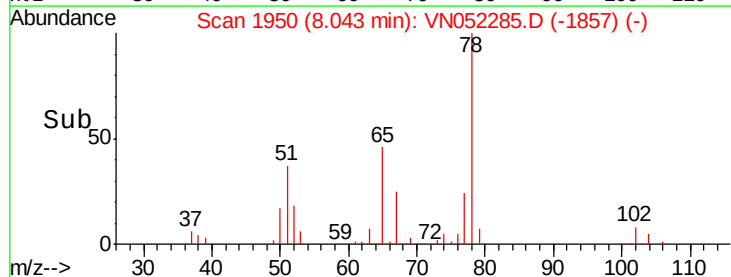
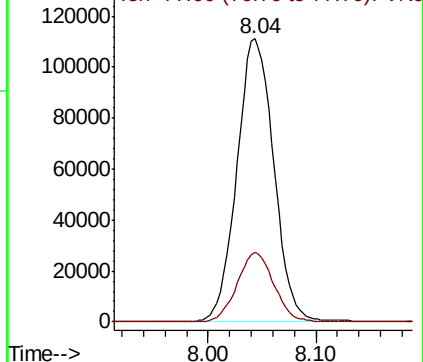


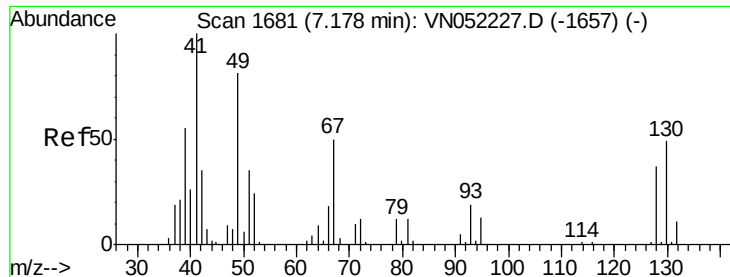
#40
Benzene
Concen: 19.234 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

Tgt Ion: 78 Resp: 264811
Ion Ratio Lower Upper
78 100
77 24.5 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 18.650 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 39194

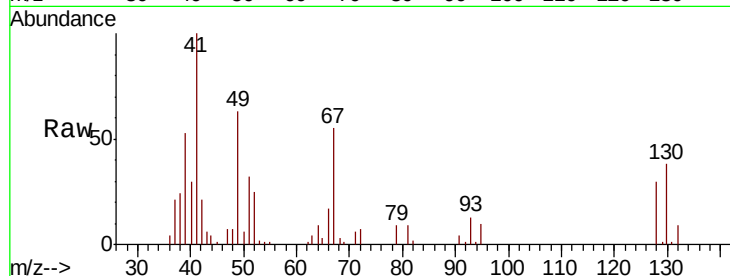
Ion Ratio Lower Upper

41 100

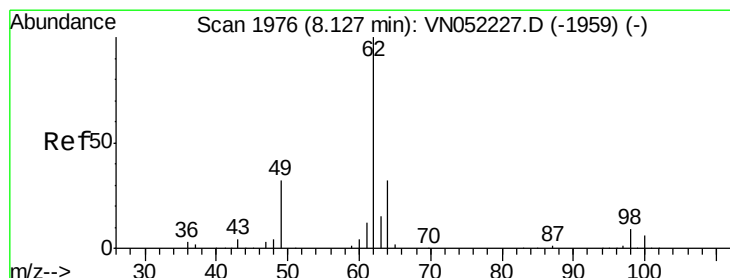
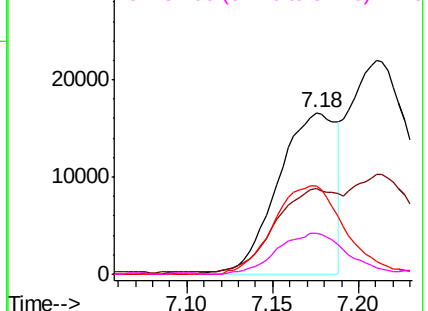
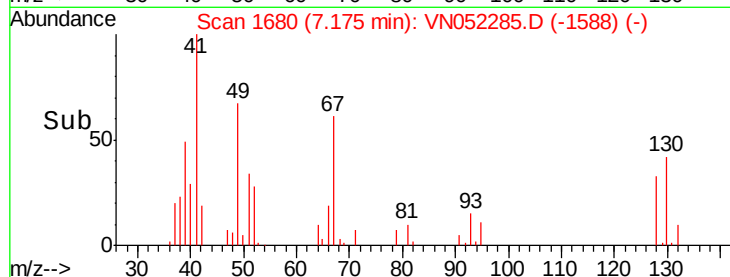
39 56.8 47.8 71.6

67 67.7 54.3 81.5

52 30.4 26.2 39.4



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 18.885 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN052285.D

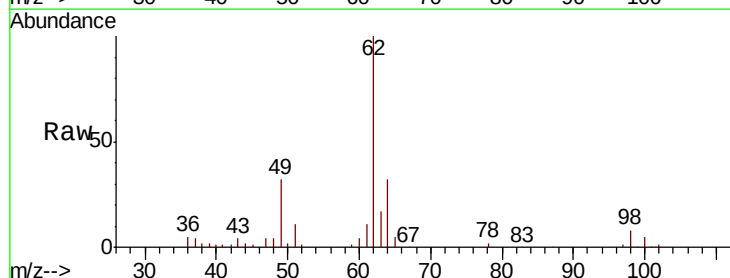
Acq: 13 Nov 2018 14:37

Tgt Ion: 62 Resp: 91227

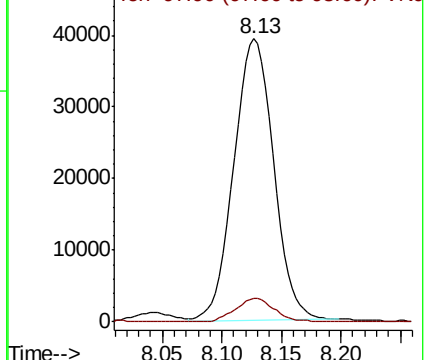
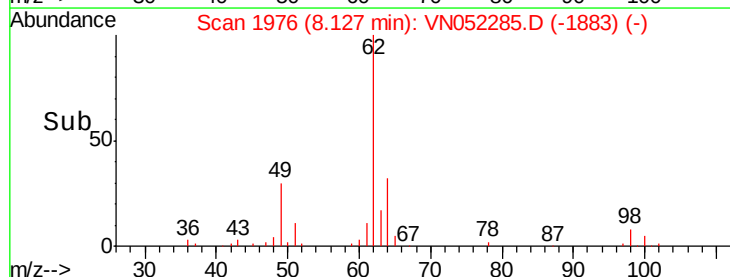
Ion Ratio Lower Upper

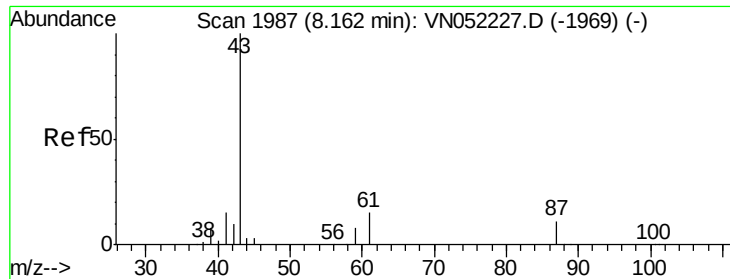
62 100

98 8.2 0.0 16.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.839 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

Instrument :

MSVOA_N

ClientSampleId :

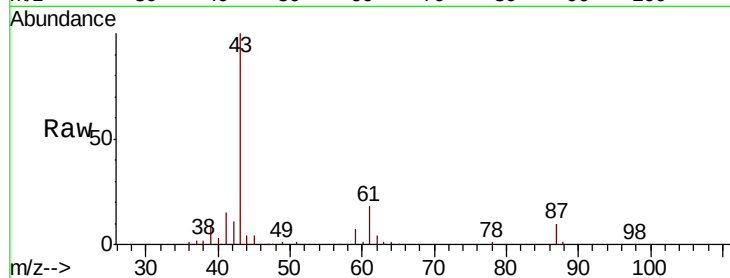
Tot Ion: 43 Resp: 125066

Ion Ratio Lower Upper

43 100

61 23.6 14.2 21.4#

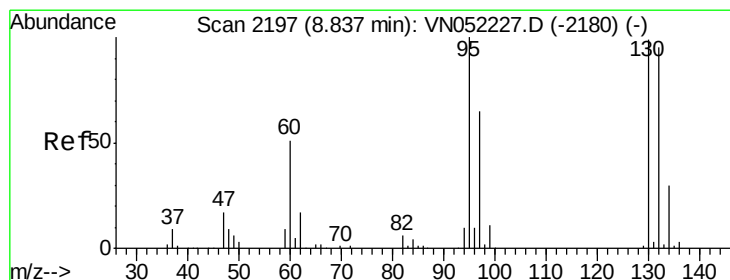
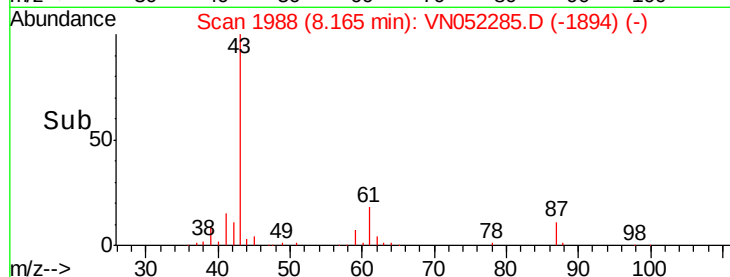
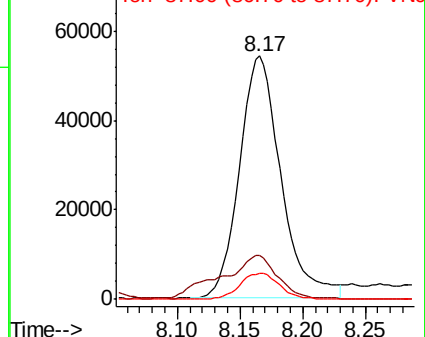
87 10.2 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN052227.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN052227.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN052227.D (-1969) (-)



#44

Trichloroethene

Concen: 19.060 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052285.D

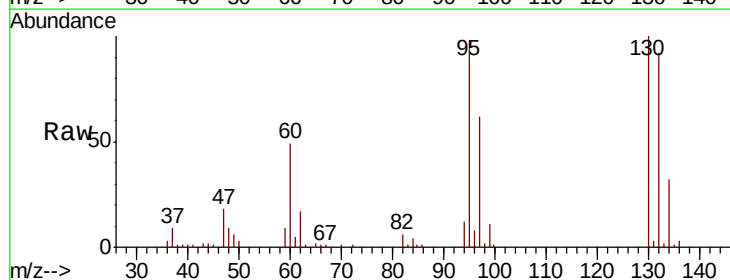
Acq: 13 Nov 2018 14:37

Tgt Ion:130 Resp: 65758

Ion Ratio Lower Upper

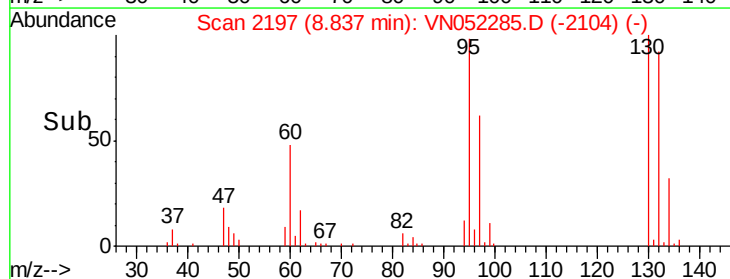
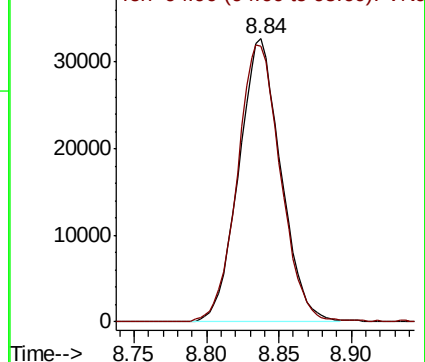
130 100

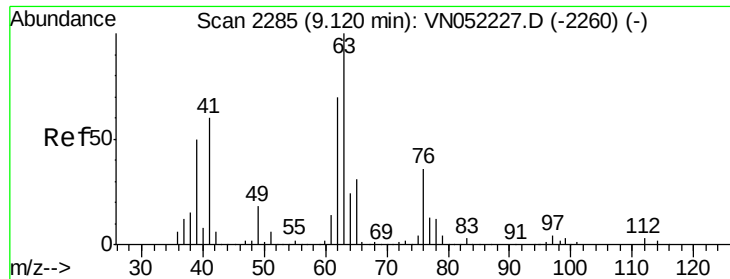
95 97.6 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): VN052227.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN052227.D (-2180) (-)

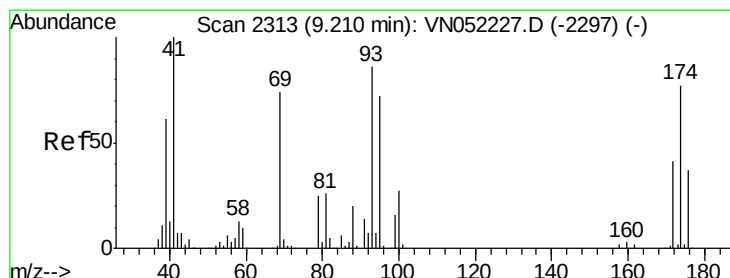
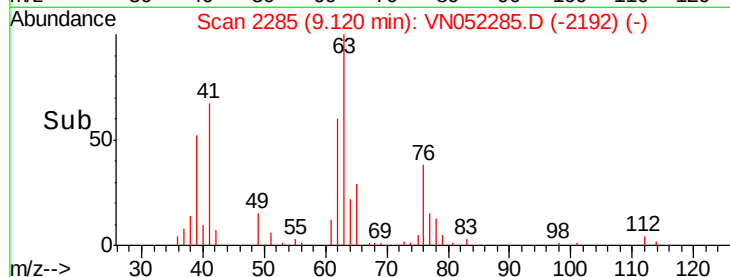
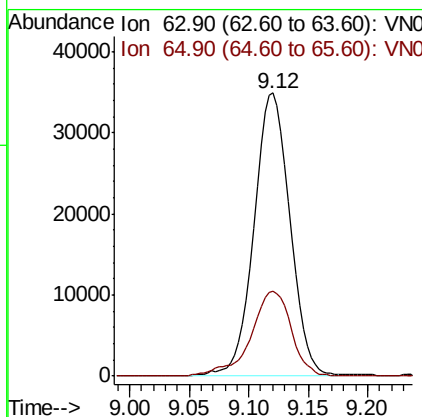
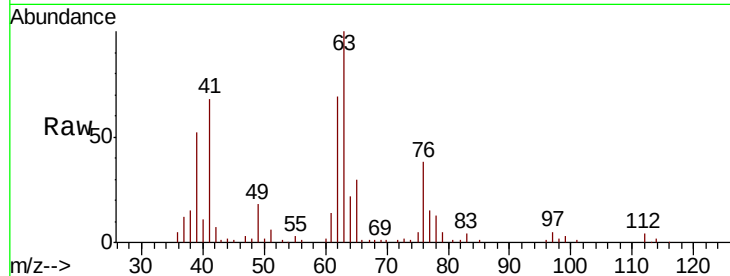




#45
 1,2-Dichloropropane
 Concen: 19.014 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

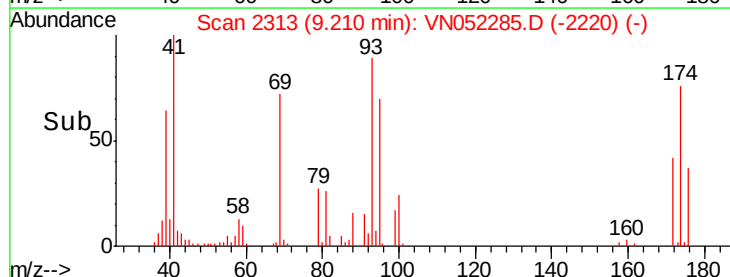
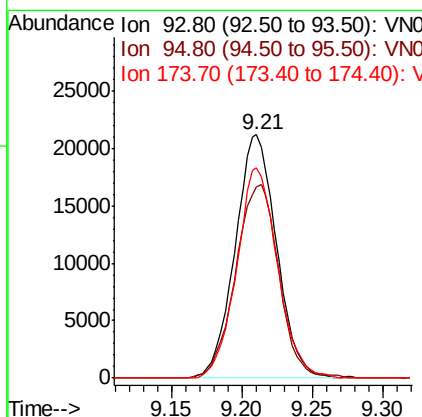
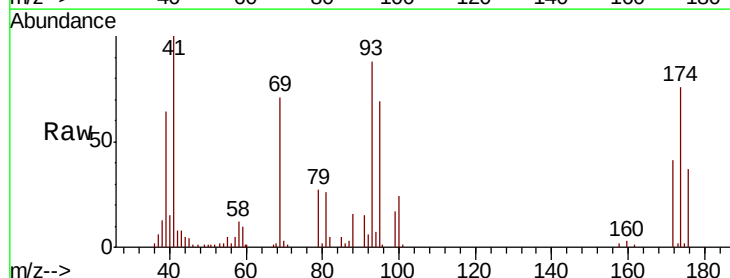
Instrument :
 MSVOA_N
 ClientSampleId :

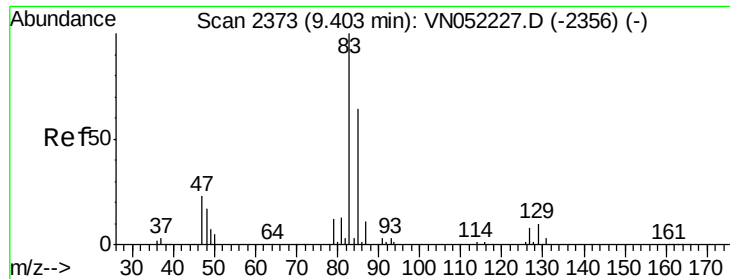
Tot Ion: 63 Resp: 73133
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.8 37.2



#46
 Dibromomethane
 Concen: 19.718 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

Tgt Ion: 93 Resp: 43564
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.0 100.4
 174 85.1 72.1 108.1





#47

Bromodichloromethane

Concen: 18.969 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

Instrument :

MSVOA_N

ClientSampled :

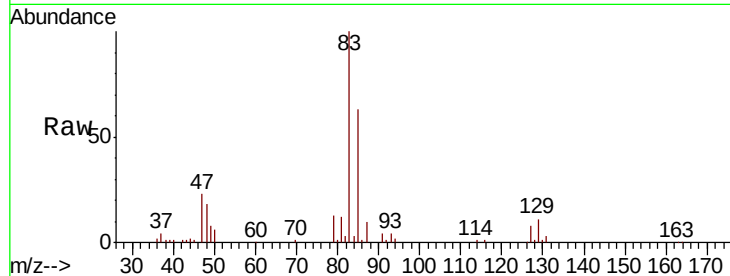
Tot Ion: 83 Resp: 86831

Ion Ratio Lower Upper

83 100

85 63.3 51.2 76.8

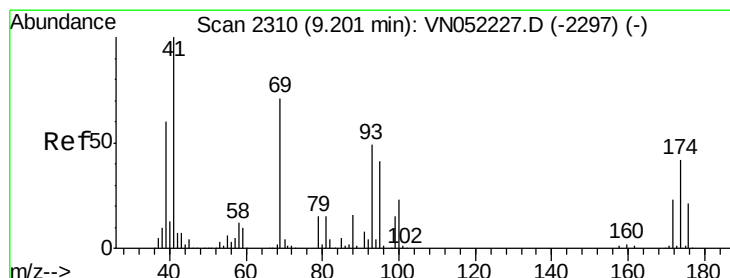
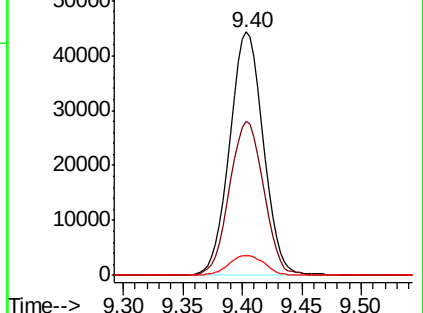
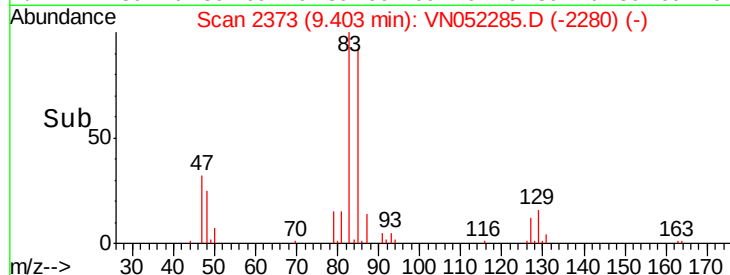
127 8.2 6.2 9.4



Abundance Ion 82.90 (82.60 to 83.60): VN052285.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN052285.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN052285.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.931 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

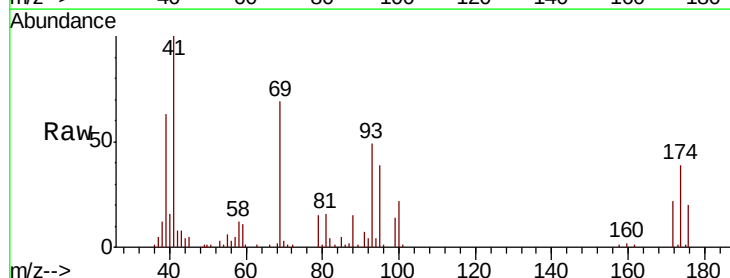
Tgt Ion: 41 Resp: 62882

Ion Ratio Lower Upper

41 100

69 72.3 58.8 88.2

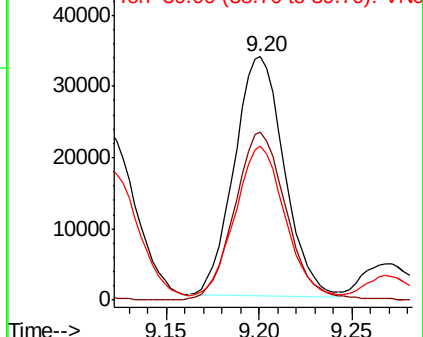
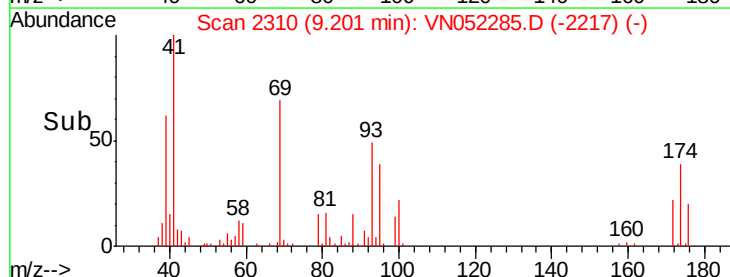
39 64.9 50.7 76.1

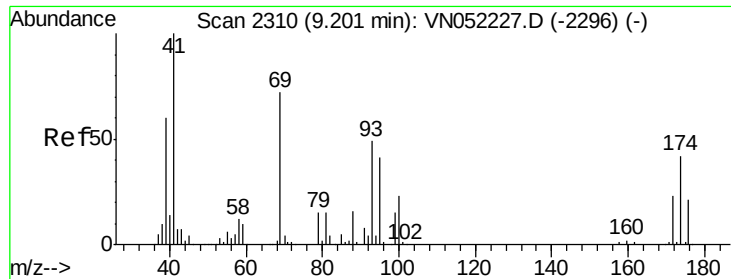


Abundance Ion 41.00 (40.70 to 41.70): VN052285.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN052285.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN052285.D (-2217) (-)

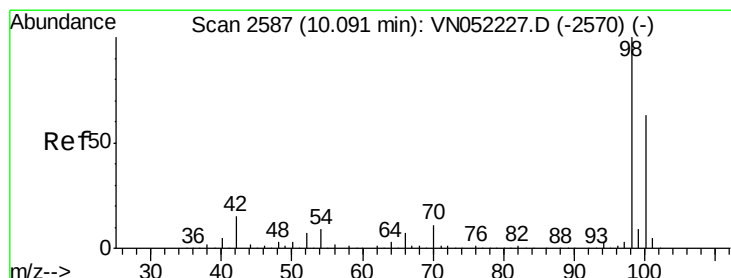
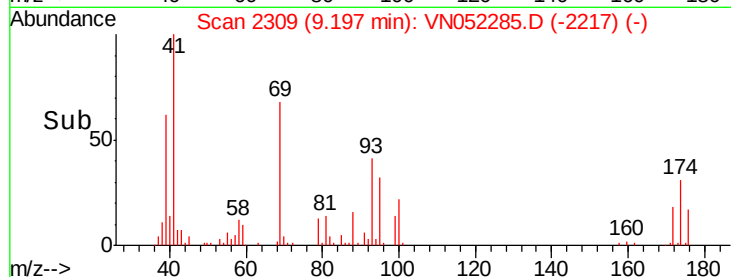
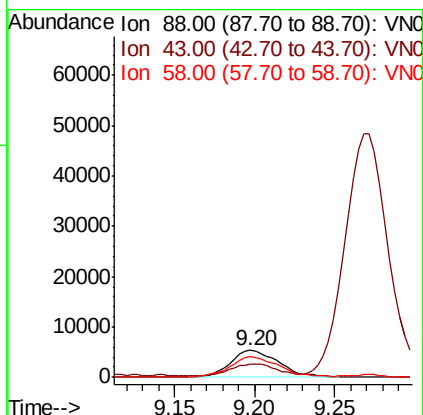
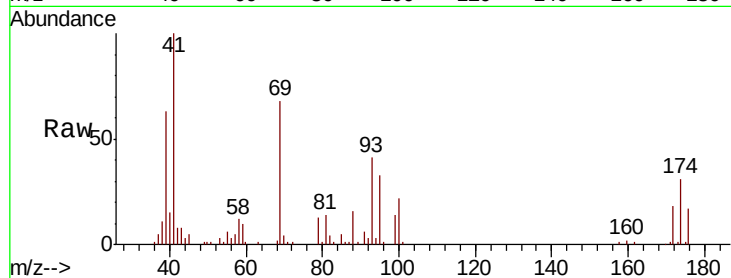




#49
1,4-Dioxane
Concen: 408.470 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

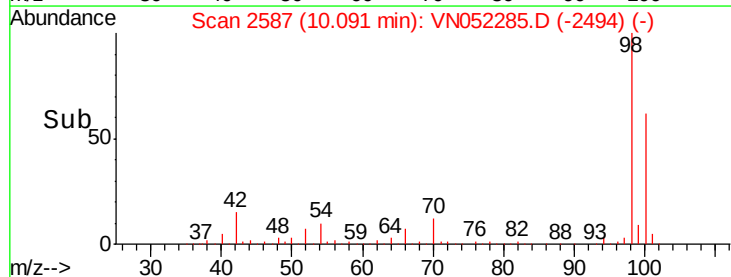
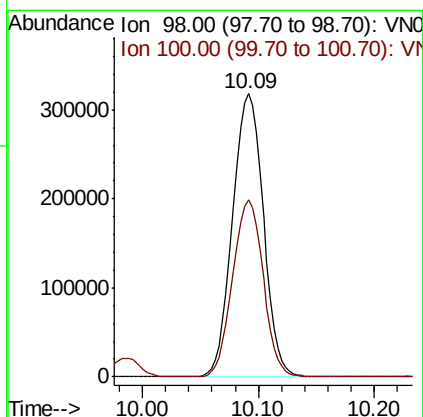
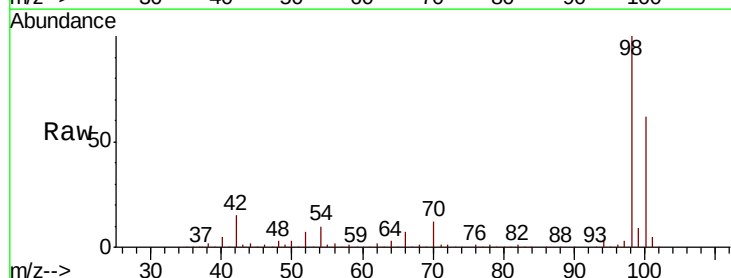
Instrument :
MSVOA_N
ClientSampleId :

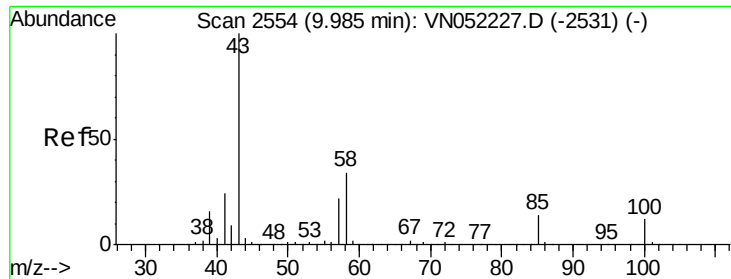
Tot Ion: 88 Resp: 10907
Ion Ratio Lower Upper
88 100
43 44.3 32.5 48.7
58 79.3 58.2 87.4



#50
Toluene-d8
Concen: 408.470 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

Tgt Ion: 98 Resp: 584989
Ion Ratio Lower Upper
98 100
100 62.1 50.2 75.2





#51

4-Methyl-2-Pentanone

Concen: 94.788 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

Instrument :

MSVOA_N

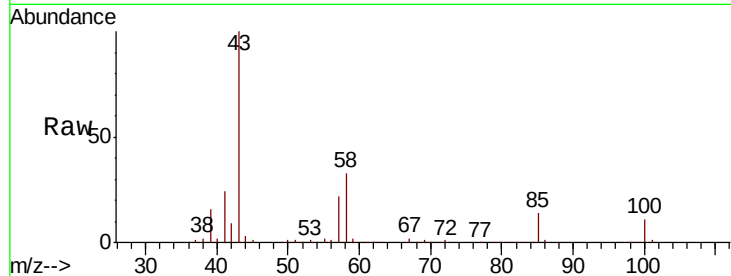
ClientSampleId :

Tot Ion: 43 Resp: 330003

Ion Ratio Lower Upper

43 100

58 34.7 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

200000

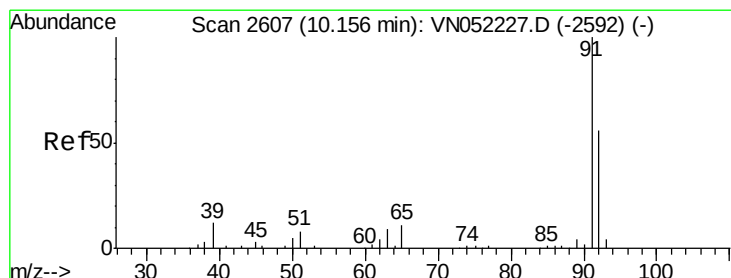
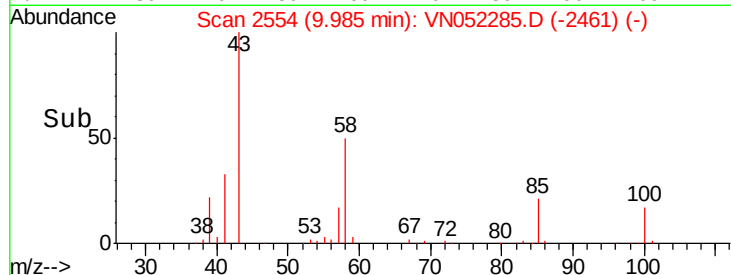
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.899 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052285.D

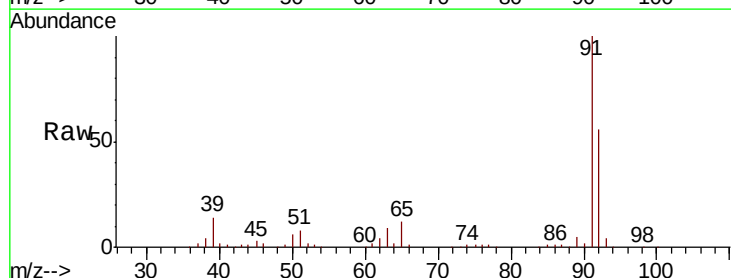
Acq: 13 Nov 2018 14:37

Tgt Ion: 92 Resp: 156958

Ion Ratio Lower Upper

92 100

91 179.3 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.16

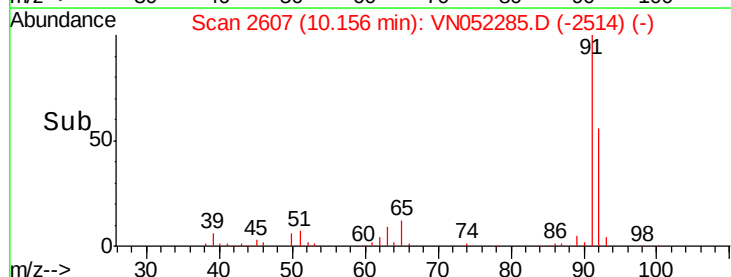
150000

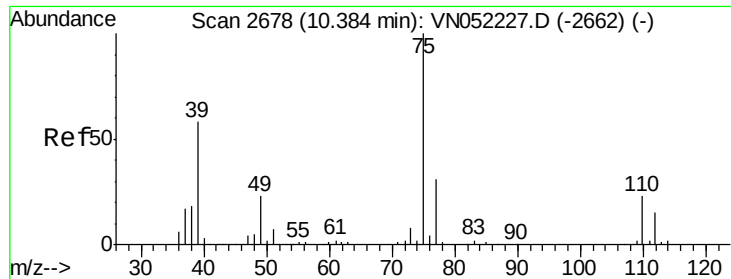
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.760 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

Instrument :

MSVOA_N

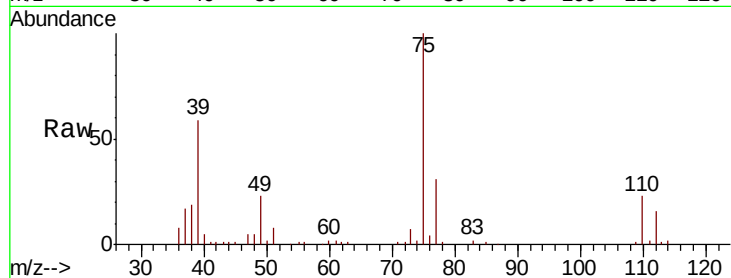
ClientSampled :

Tot Ion: 75 Resp: 84740

Ion Ratio Lower Upper

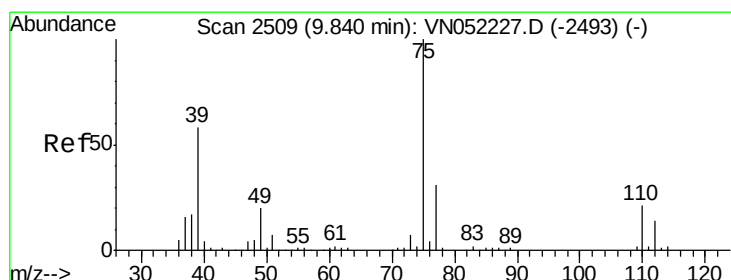
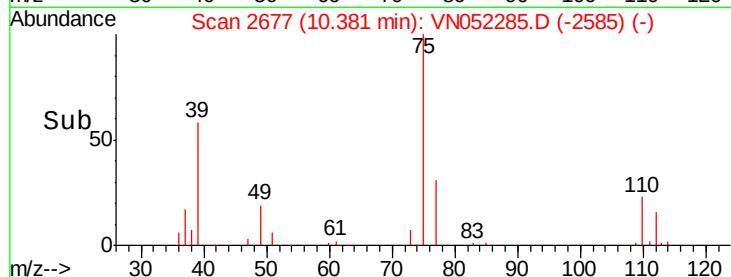
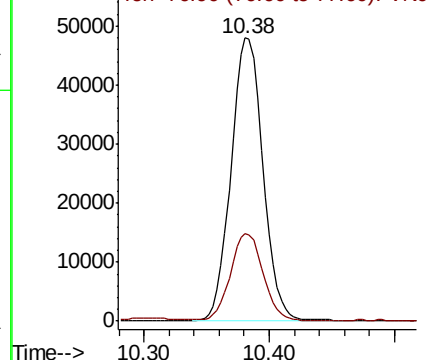
75 100

77 31.0 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.067 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

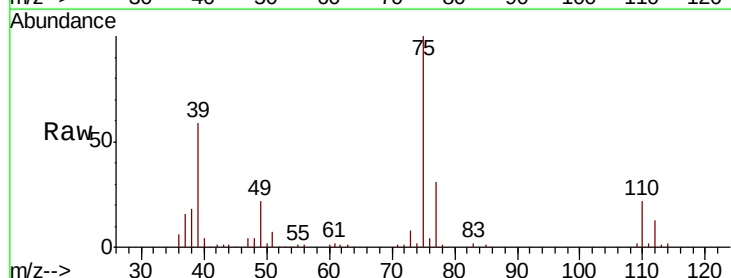
Tgt Ion: 75 Resp: 101672

Ion Ratio Lower Upper

75 100

77 30.7 25.2 37.8

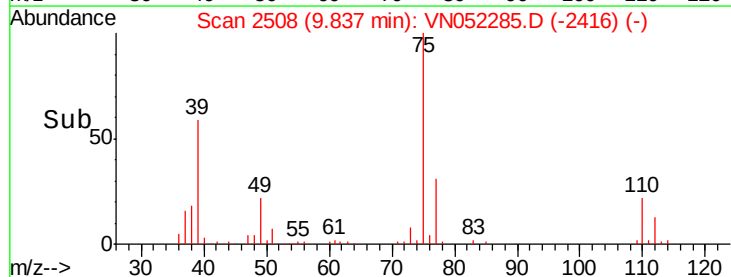
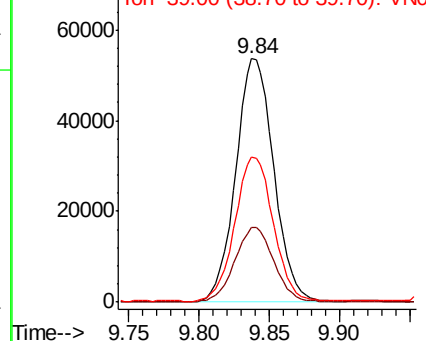
39 59.0 46.6 70.0

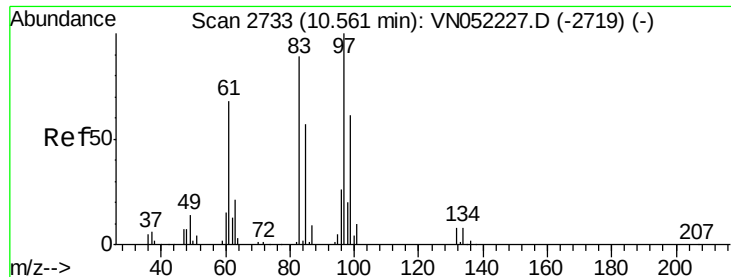


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

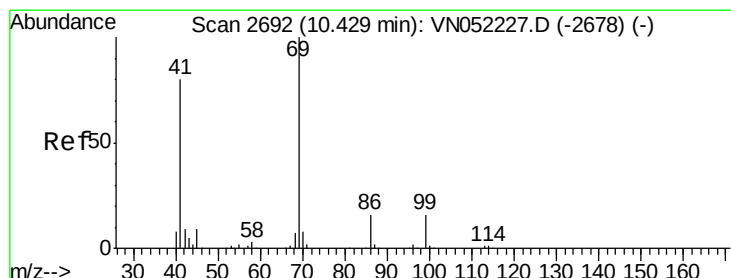
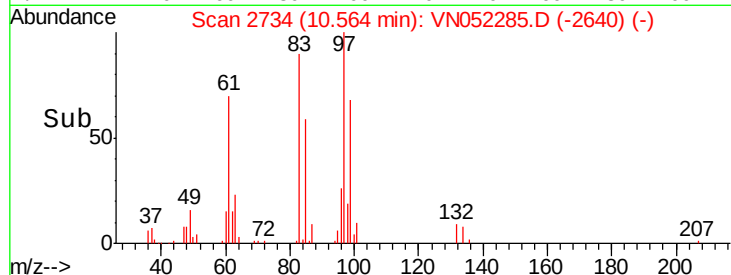
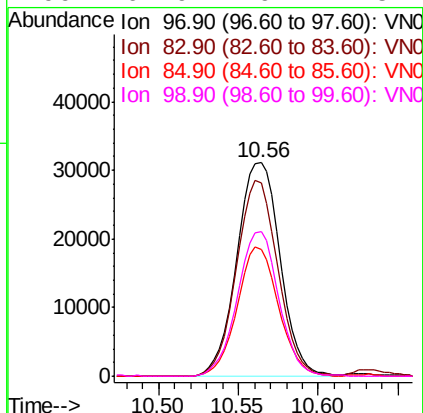
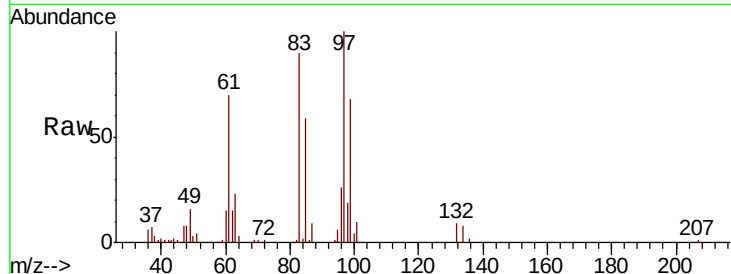




#55
 1,1,2-Trichloroethane
 Concen: 19.155 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

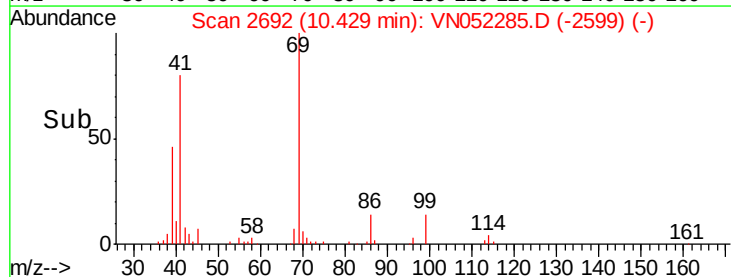
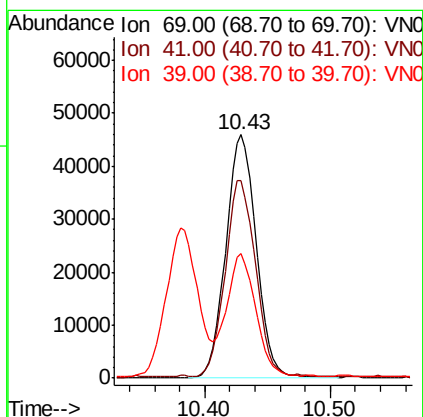
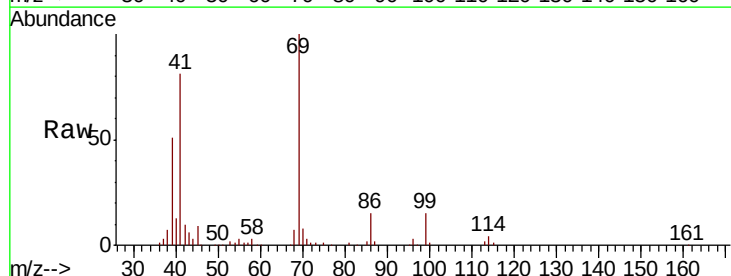
Instrument :
 MSVOA_N
 ClientSampled :

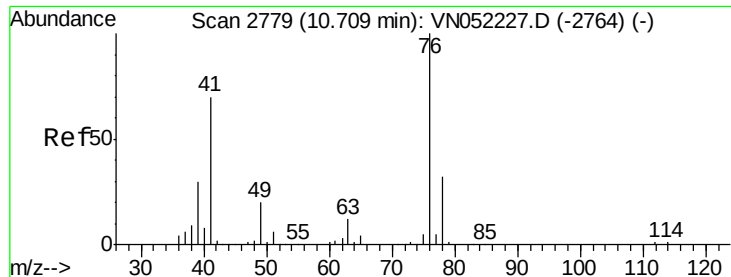
Tot Ion: 97 Resp: 57500
 Ion Ratio Lower Upper
 97 100
 83 90.3 71.2 106.8
 85 59.4 45.6 68.4
 99 67.9 49.1 73.7



#56
 Ethyl methacrylate
 Concen: 19.136 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

Tgt Ion: 69 Resp: 77635
 Ion Ratio Lower Upper
 69 100
 41 80.4 64.0 96.0
 39 48.4 37.8 56.8

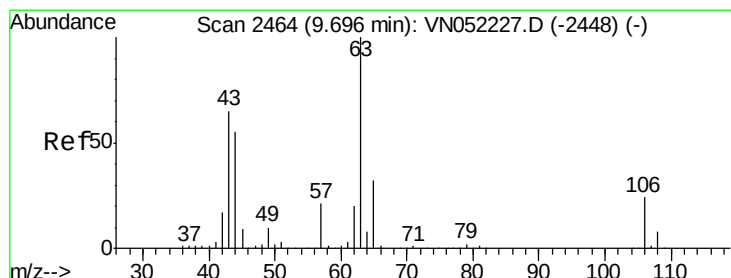
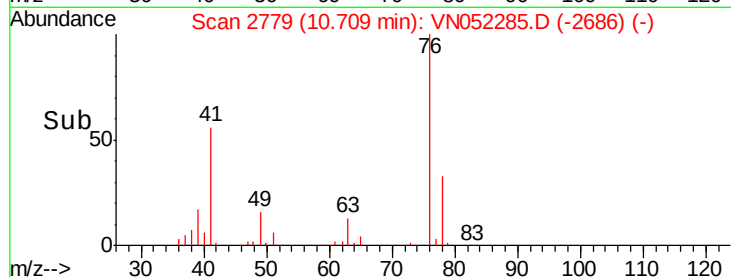
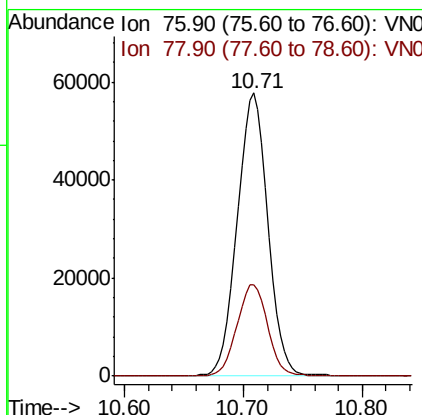
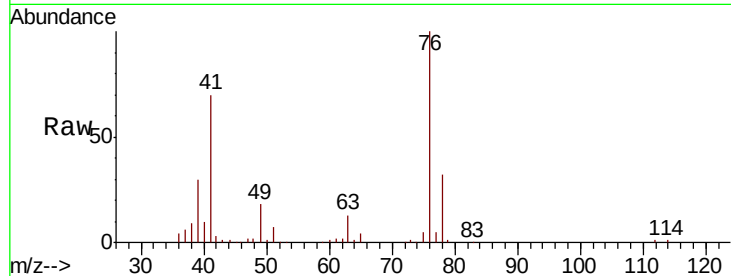




#57
 1,3-Dichloropropane
 Concen: 19.146 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

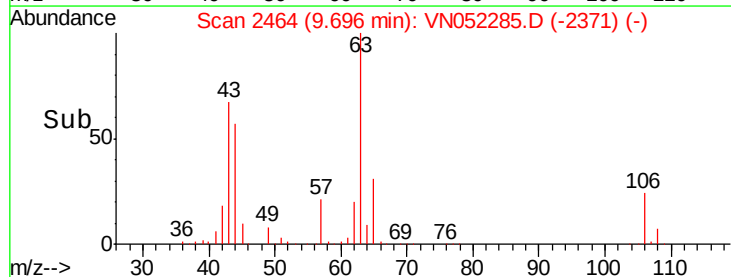
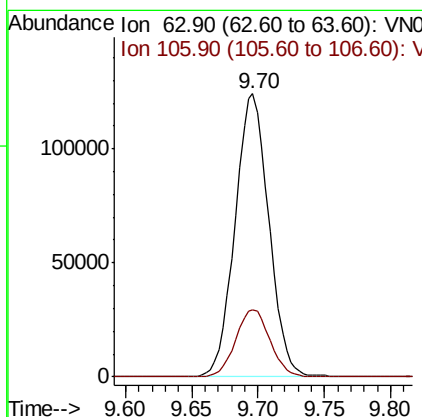
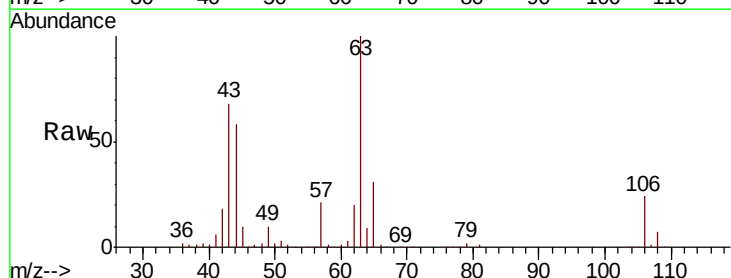
Instrument :
 MSVOA_N
 ClientSampleId :

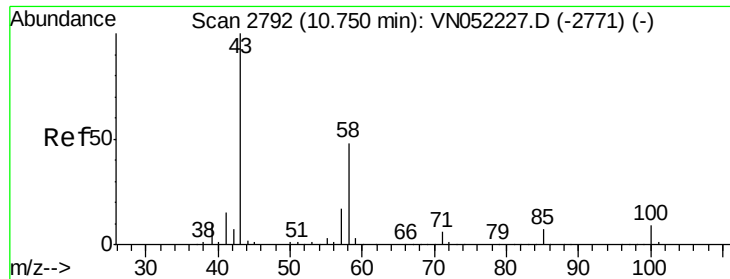
Tot Ion: 76 Resp: 102885
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.922 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

Tgt Ion: 63 Resp: 219975
 Ion Ratio Lower Upper
 63 100
 106 24.0 19.5 29.3

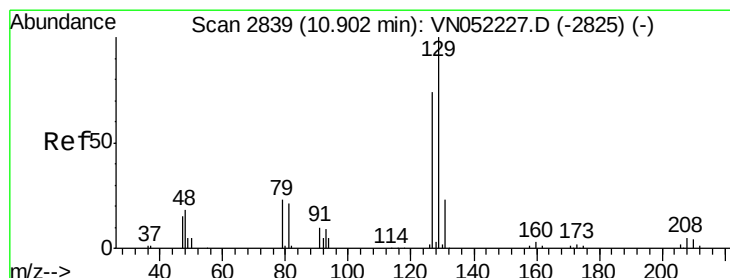
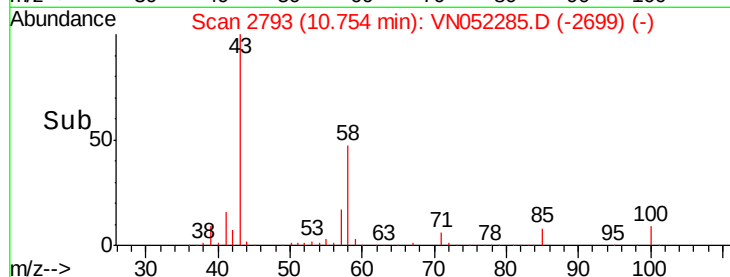
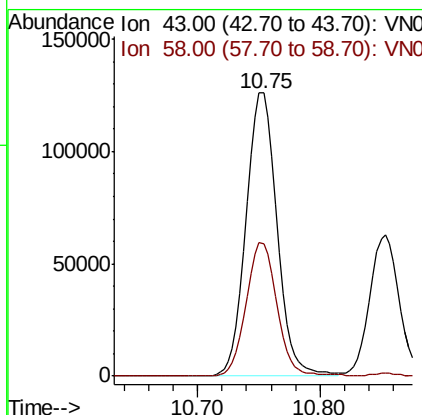
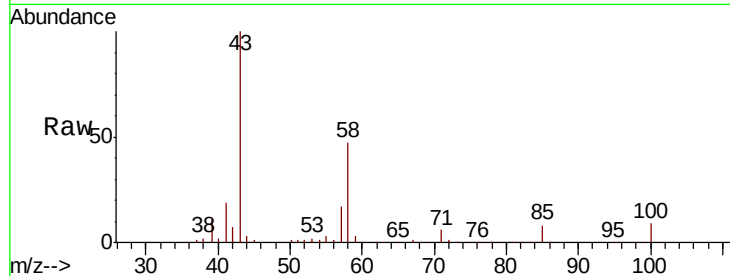




#59
2-Hexanone
Concen: 89.405 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

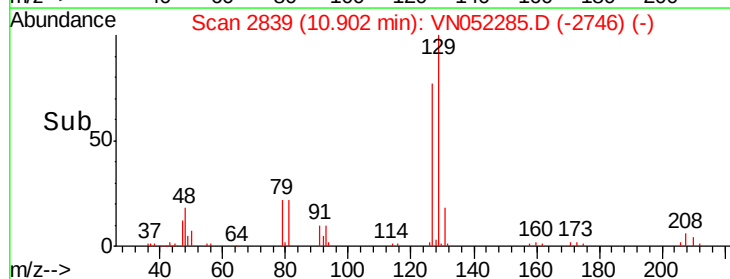
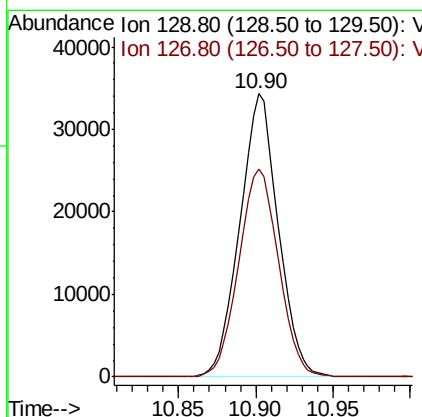
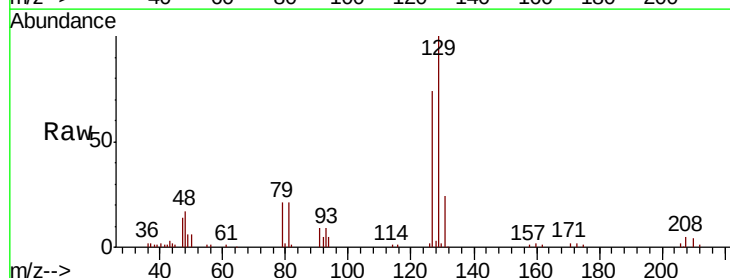
Instrument :
MSVOA_N
ClientSampled :

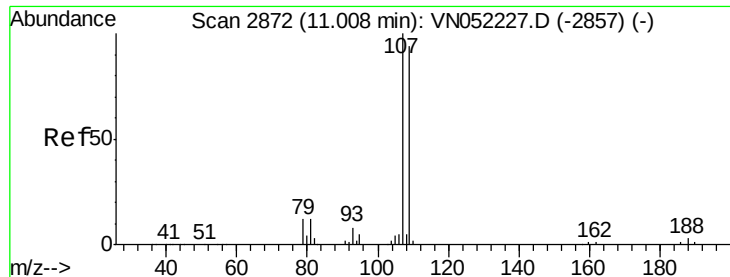
Tot Ion: 43 Resp: 218507
Ion Ratio Lower Upper
43 100
58 47.2 24.1 72.3



#60
Dibromochloromethane
Concen: 19.512 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

Tgt Ion: 129 Resp: 59412
Ion Ratio Lower Upper
129 100
127 76.0 38.0 114.1





#61

1,2-Dibromoethane

Concen: 19.225 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

Instrument :

MSVOA_N

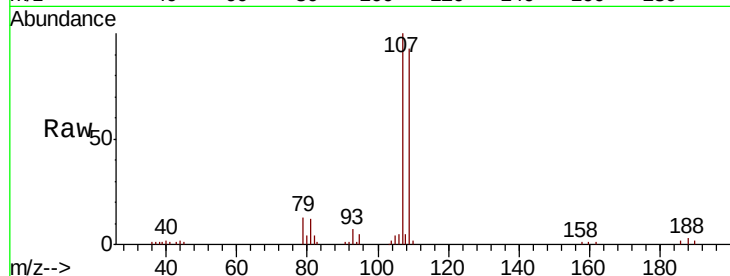
ClientSampleId :

Tot Ion: 107 Resp: 56717

Ion Ratio Lower Upper

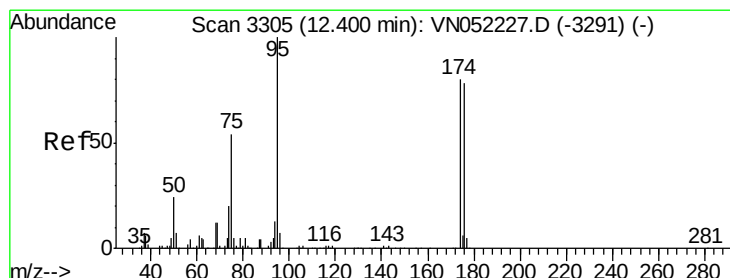
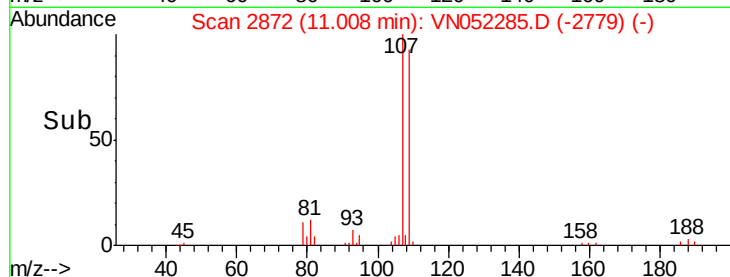
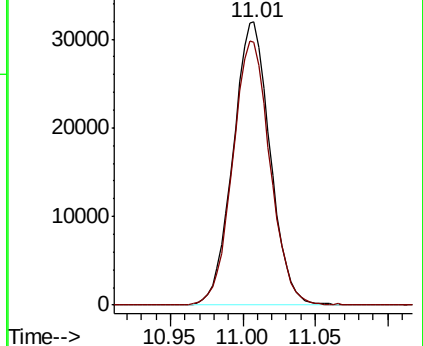
107 100

109 94.0 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 19.225 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

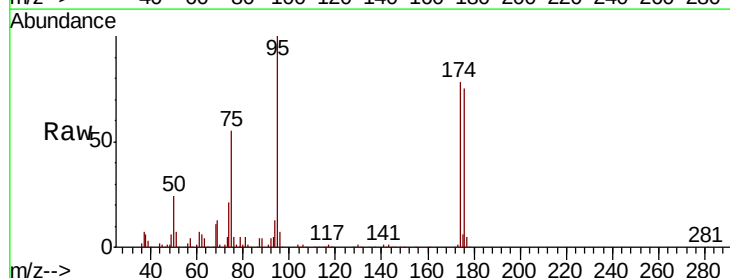
Tgt Ion: 95 Resp: 184005

Ion Ratio Lower Upper

95 100

174 78.8 0.0 159.4

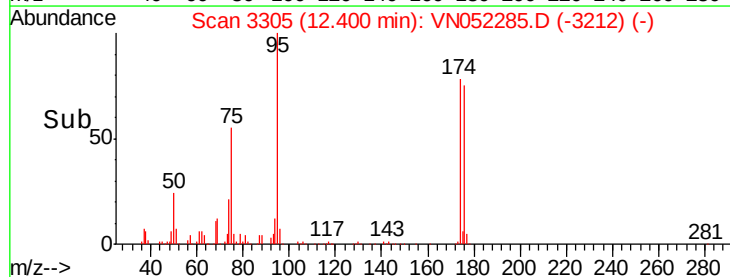
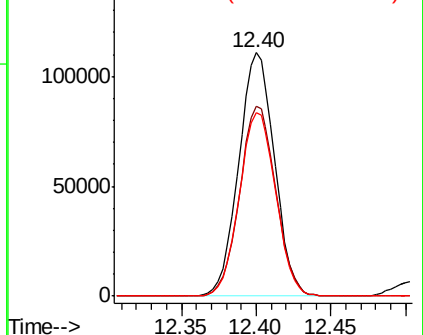
176 76.9 0.0 157.8

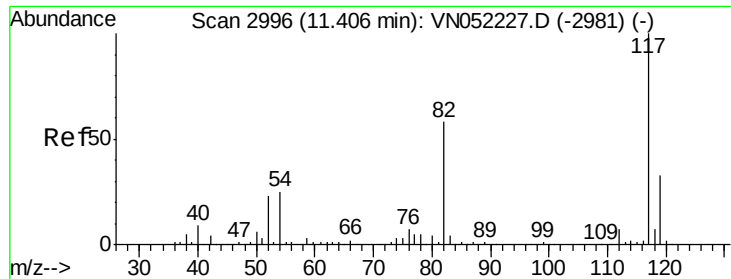


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

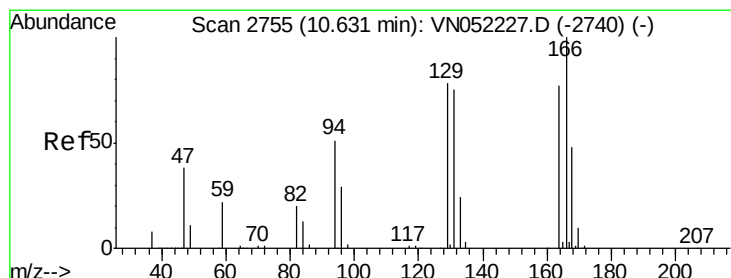
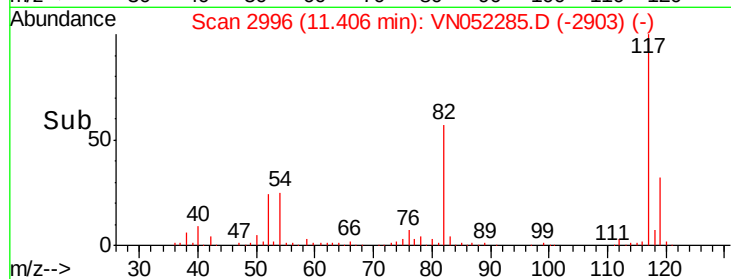
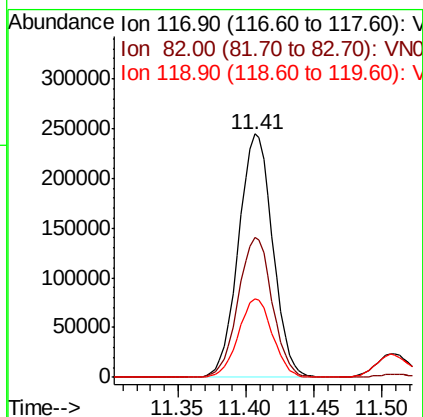
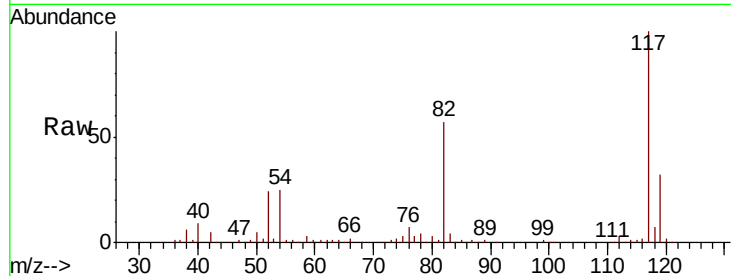




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

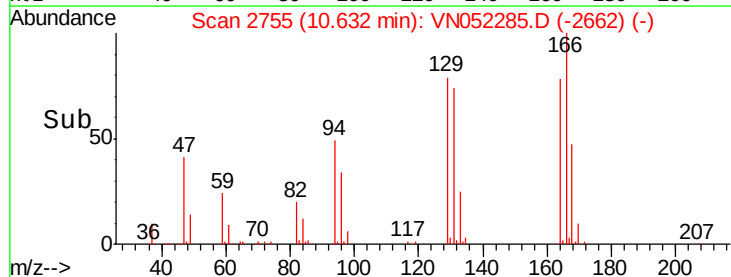
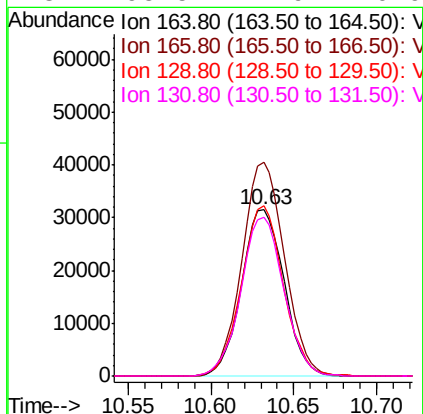
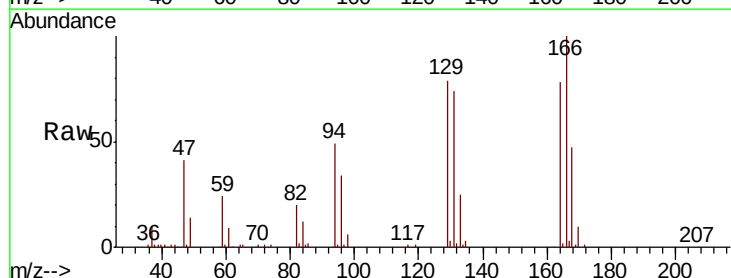
Instrument :
MSVOA_N
ClientSampled :

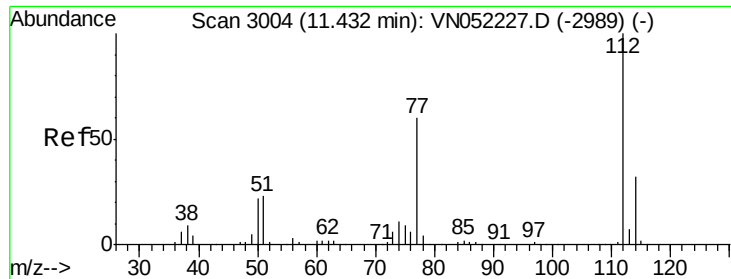
Tot Ion:117 Resp: 425396
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.2
119 32.2 26.2 39.4



#64
Tetrachloroethene
Concen: 18.896 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

Tgt Ion:164 Resp: 56279
Ion Ratio Lower Upper
164 100
166 128.4 103.6 155.4
129 102.1 81.0 121.6
131 95.5 77.9 116.9

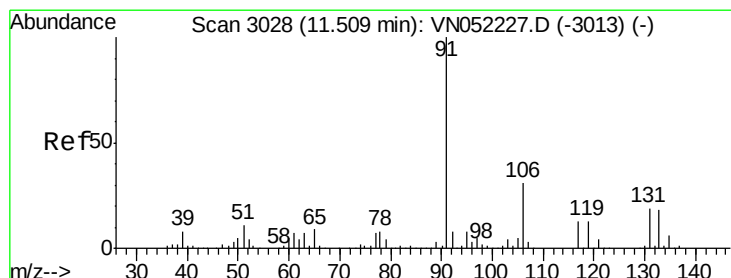
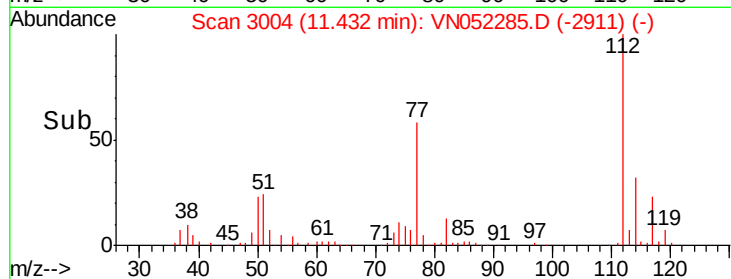
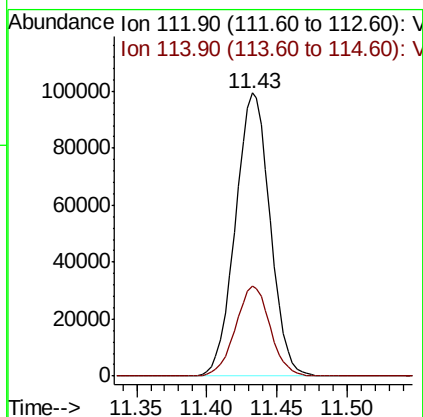
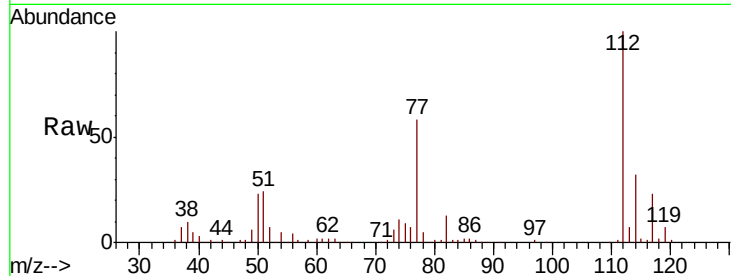




#65
Chlorobenzene
Concen: 19.000 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

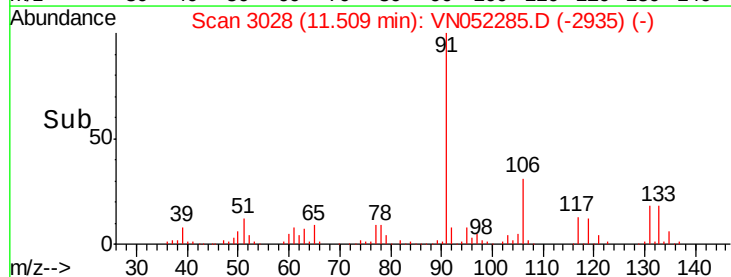
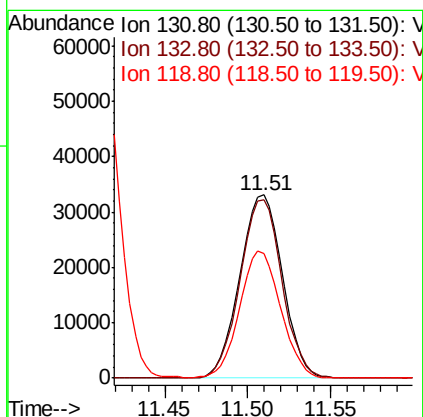
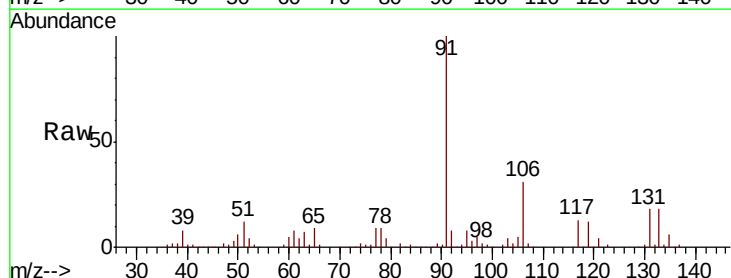
Instrument :
MSVOA_N
ClientSampled :

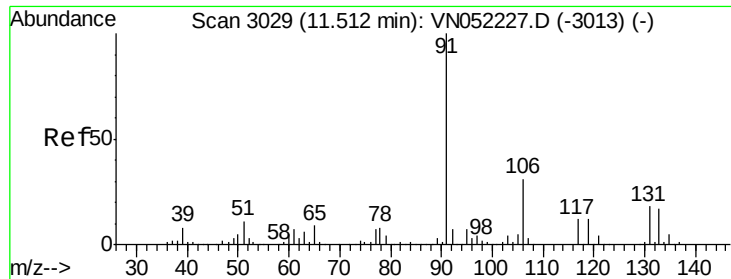
Tot Ion:112 Resp: 171262
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.357 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

Tgt Ion:131 Resp: 59102
Ion Ratio Lower Upper
131 100
133 95.7 48.3 144.9
119 67.1 34.6 103.9

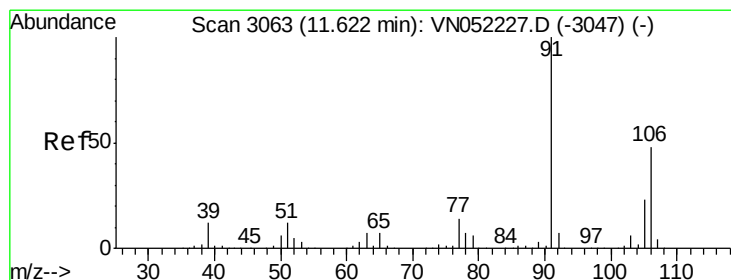
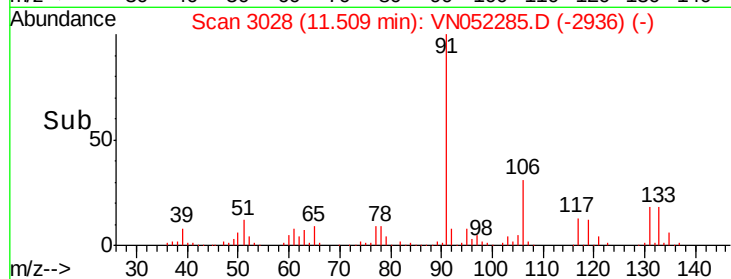
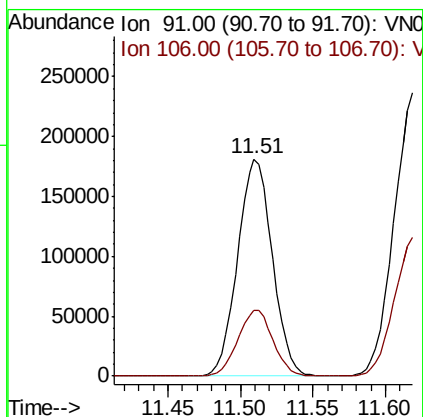
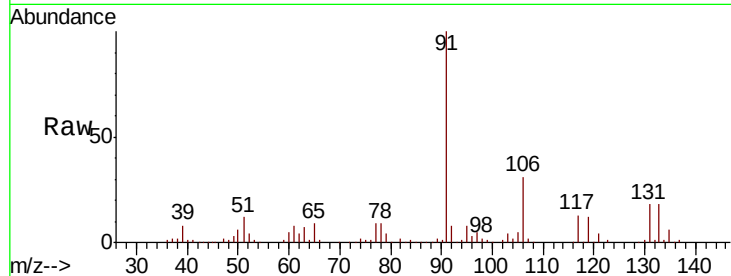




#67
Ethyl Benzene
Concen: 19.021 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

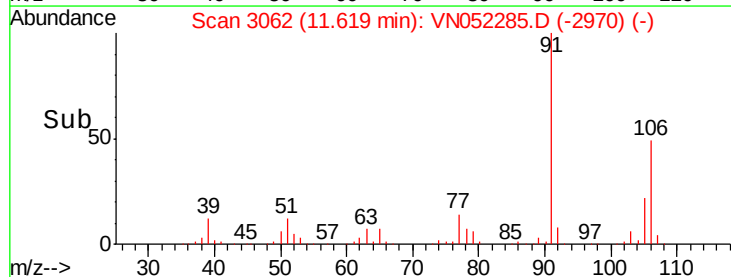
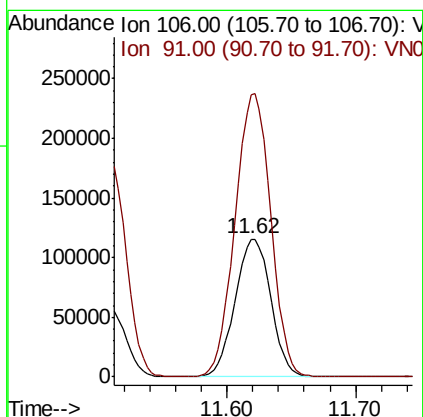
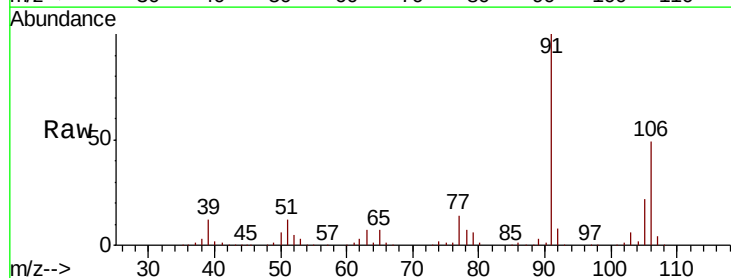
Instrument :
MSVOA_N
ClientSampled :

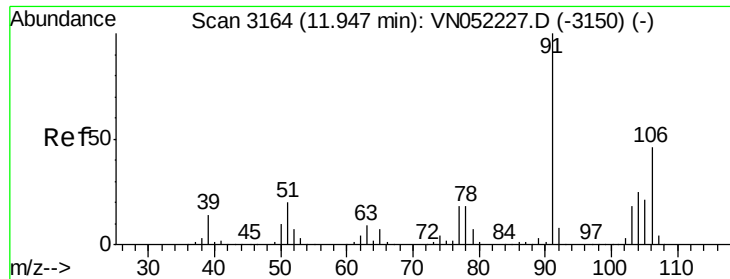
Tot Ion: 91 Resp: 301571
Ion Ratio Lower Upper
91 100
106 30.5 24.7 37.1



#68
m/p-Xylenes
Concen: 37.733 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

Tgt Ion: 106 Resp: 222795
Ion Ratio Lower Upper
106 100
91 205.1 165.7 248.5

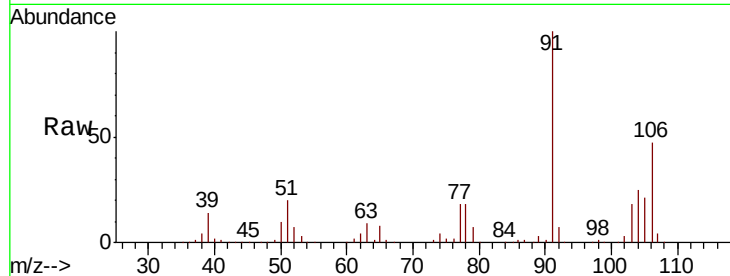




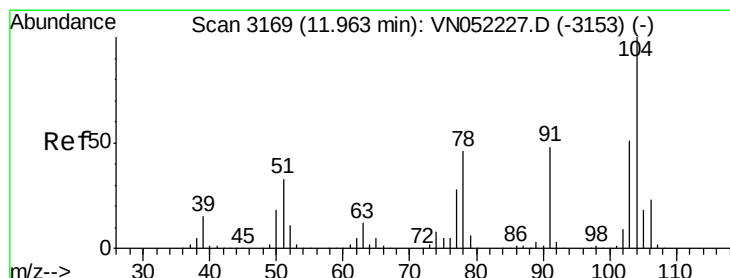
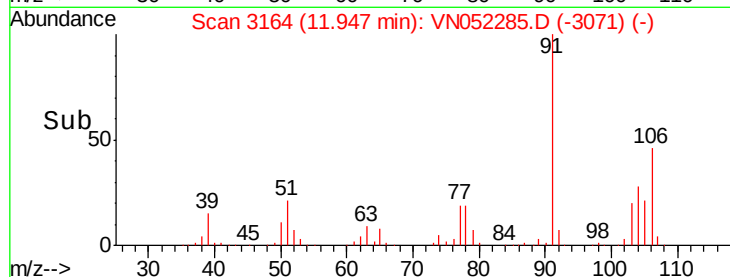
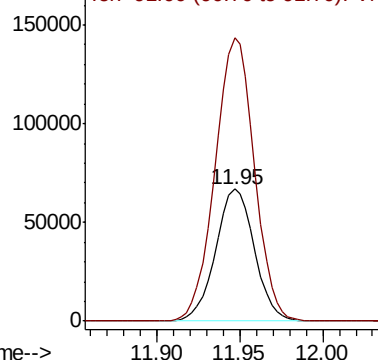
#69
o-Xylene
Concen: 19.211 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 108368
Ion Ratio Lower Upper
106 100
91 217.8 108.5 325.5

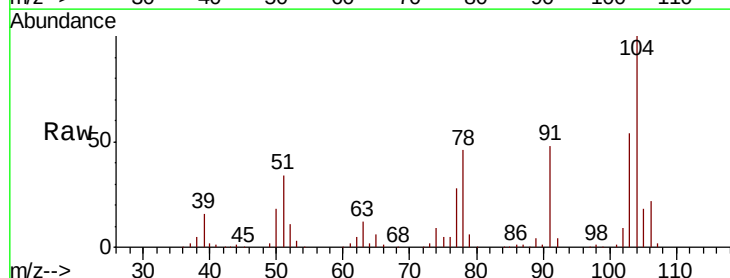


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

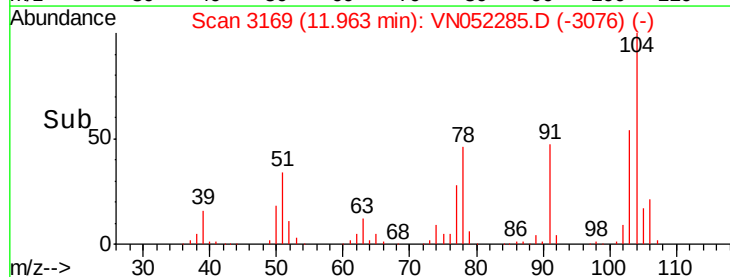
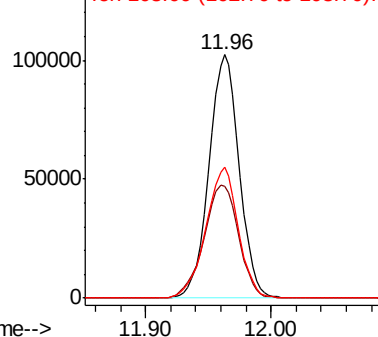


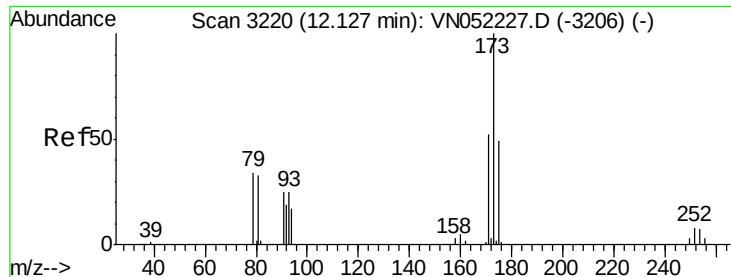
#70
Styrene
Concen: 18.782 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

Tgt Ion:104 Resp: 171179
Ion Ratio Lower Upper
104 100
78 53.2 41.8 62.6
103 57.6 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.600 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

Instrument :

MSVOA_N

ClientSampled :

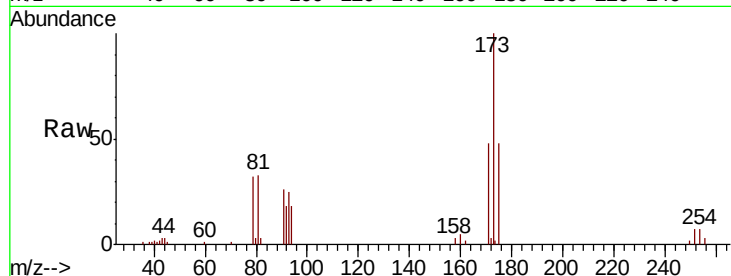
Tot Ion:173 Resp: 33879

Ion Ratio Lower Upper

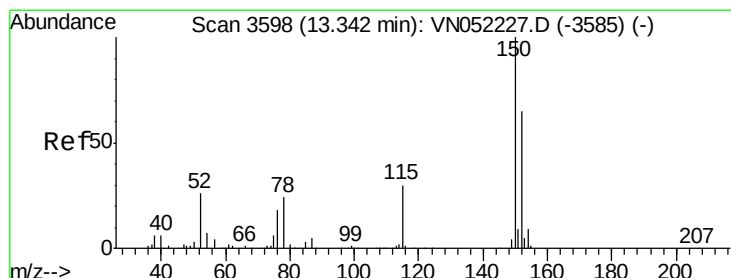
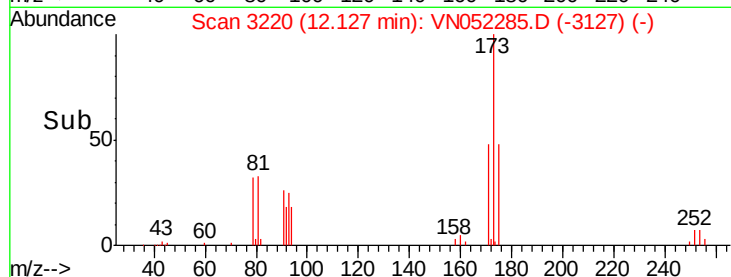
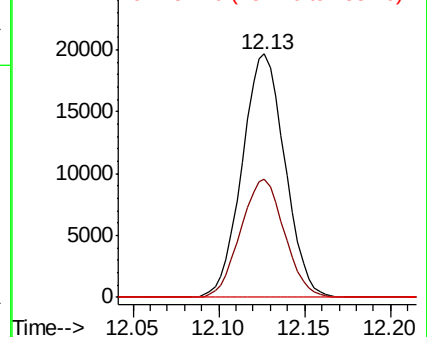
173 100

175 49.7 24.5 73.5

254 0.0 0.0 0.0



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: VN052285.D

Acq: 13 Nov 2018 14:37

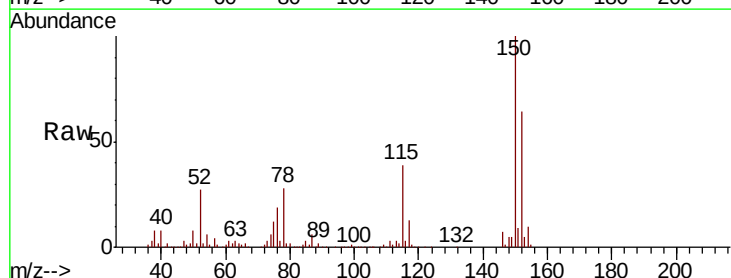
Tgt Ion:152 Resp: 180598

Ion Ratio Lower Upper

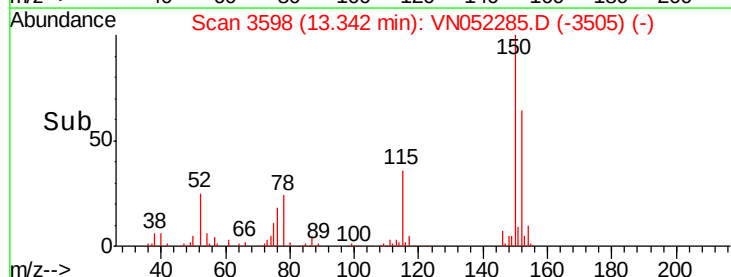
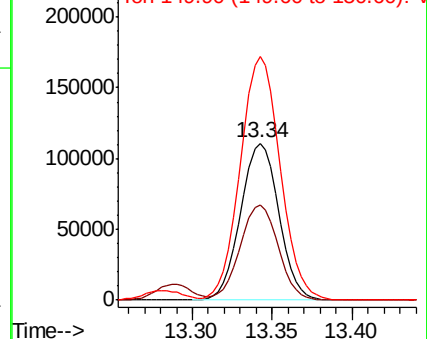
152 100

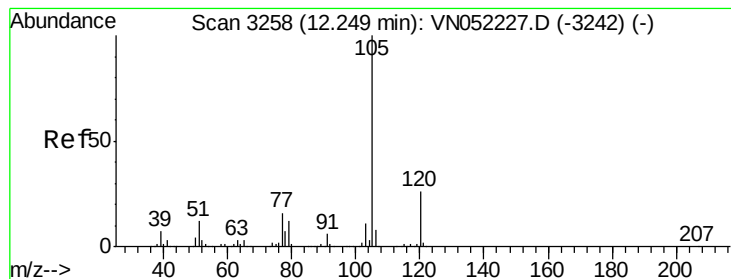
115 60.5 29.8 89.5

150 162.2 0.0 350.2



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: 19.409 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

Instrument :

MSVOA_N

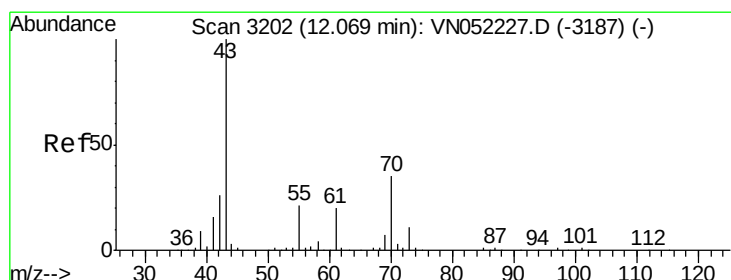
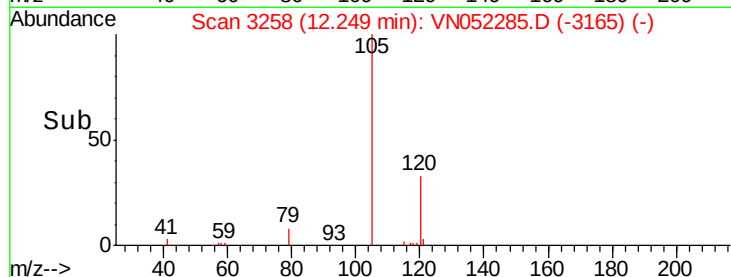
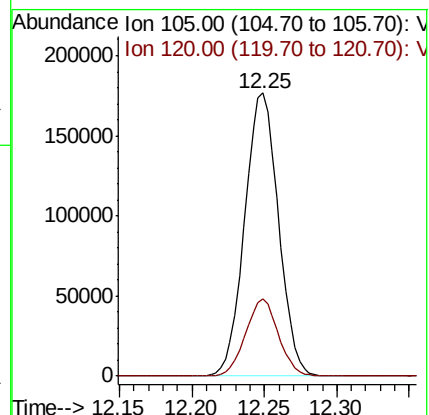
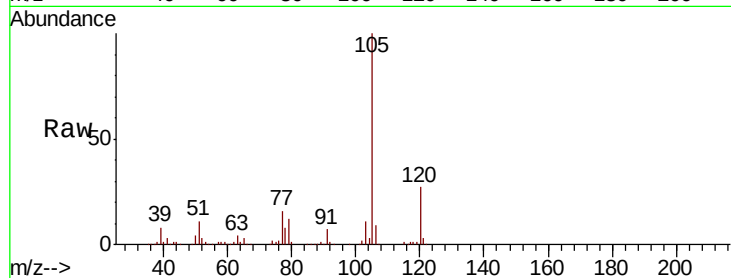
ClientSampleId :

Tot Ion:105 Resp: 286538

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.1



#74

N-amyl acetate

Concen: 19.492 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

Tgt Ion: 43 Resp: 104470

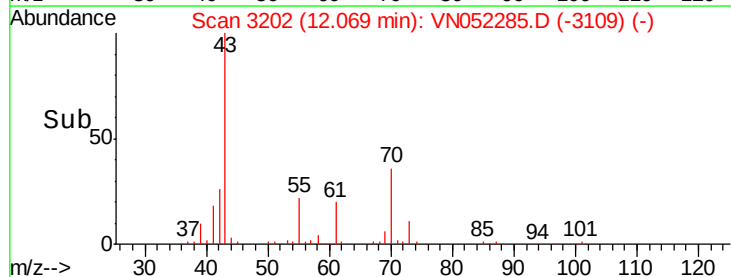
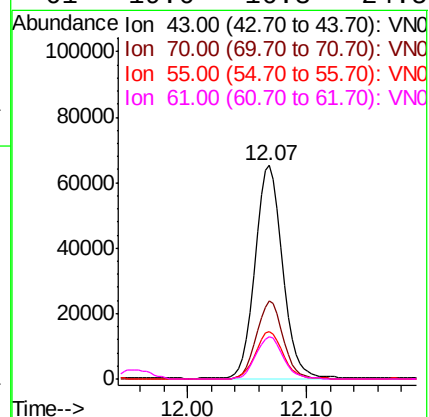
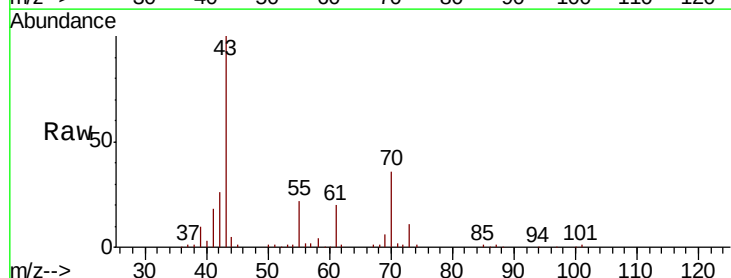
Ion Ratio Lower Upper

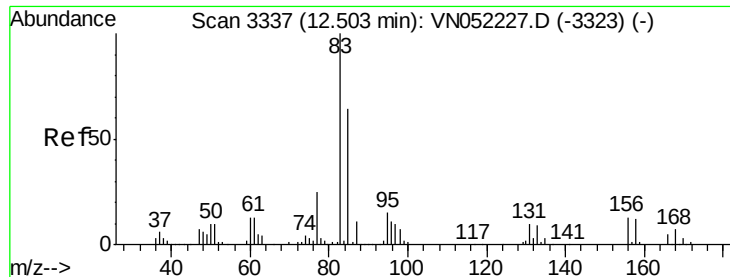
43 100

70 35.6 28.2 42.2

55 22.3 17.4 26.2

61 19.6 16.3 24.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.306 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

Instrument :

MSVOA_N

ClientSampled :

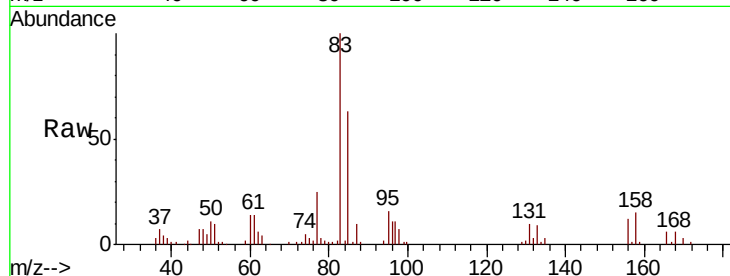
Tot Ion: 83 Resp: 69873

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.2

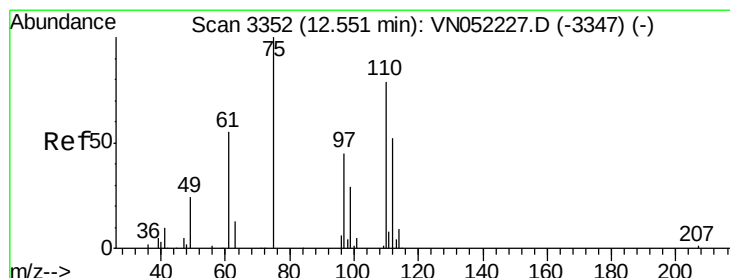
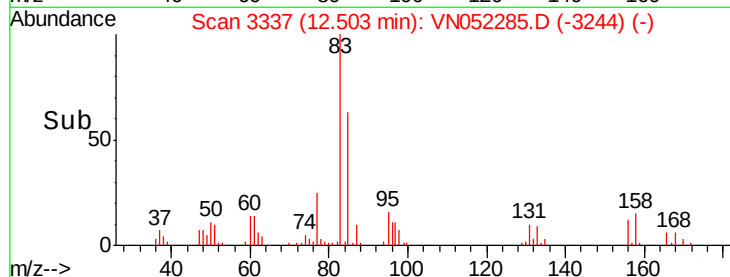
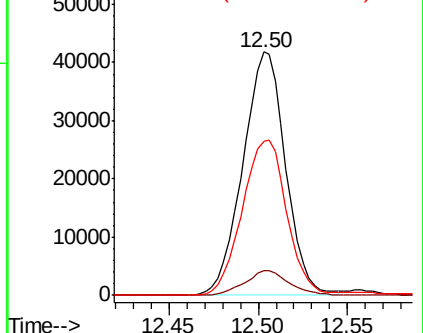
85 66.2 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN052227.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN052227.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN052227.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 27.325 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN052285.D

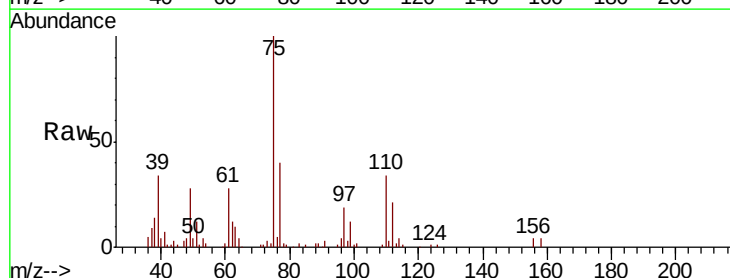
Acq: 13 Nov 2018 14:37

Tgt Ion: 75 Resp: 87311

Ion Ratio Lower Upper

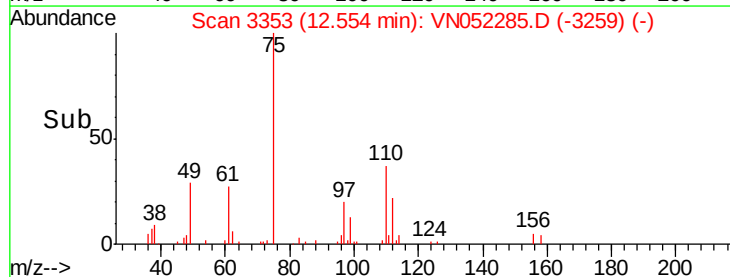
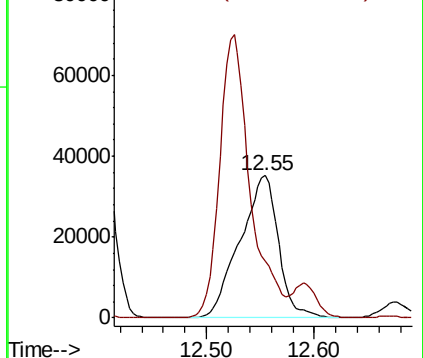
75 100

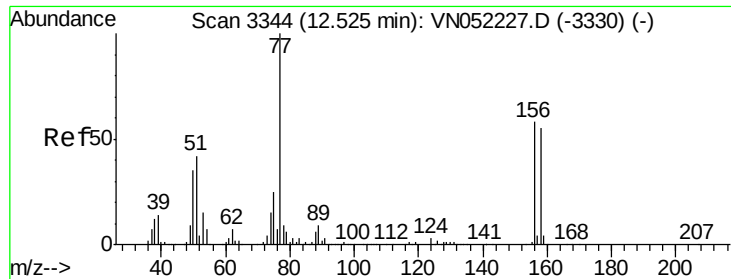
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN052227.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN052227.D (-3347) (-)





#77

Bromobenzene

Concen: 18.999 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

Instrument :

MSVOA_N

ClientSampled :

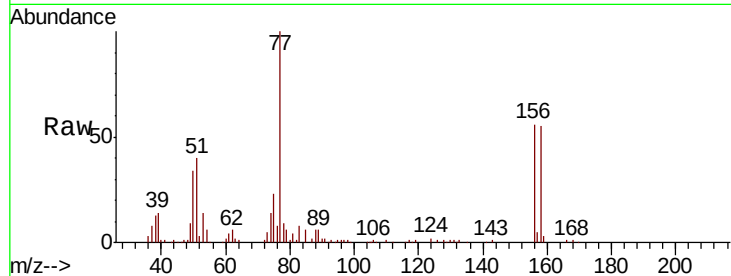
Tot Ion:156 Resp: 65654

Ion Ratio Lower Upper

156 100

77 210.2 101.1 303.3

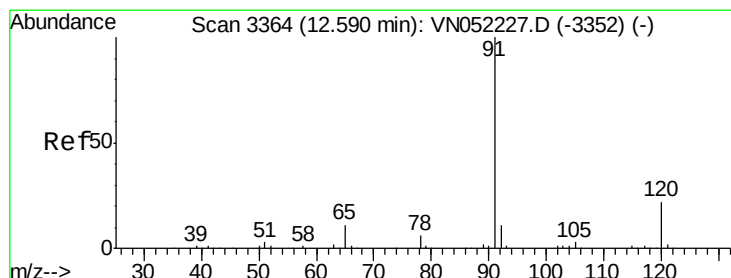
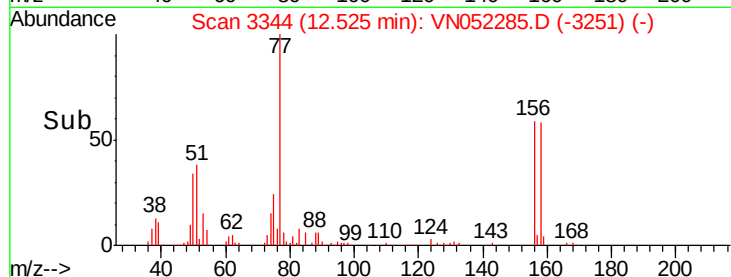
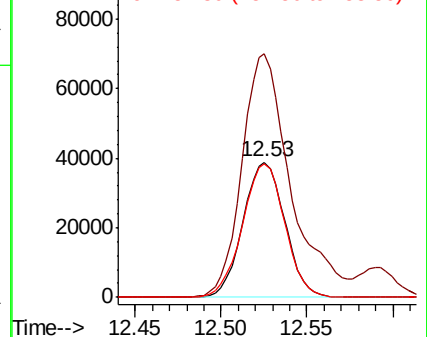
158 100.0 47.8 143.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.345 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN052285.D

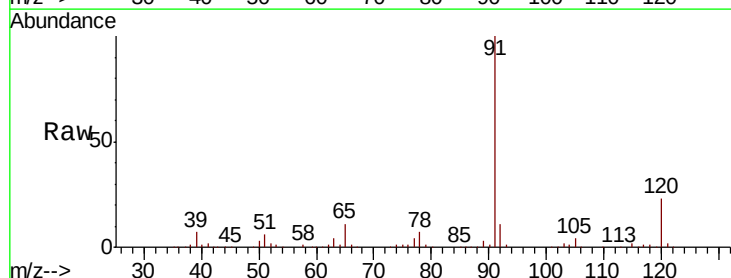
Acq: 13 Nov 2018 14:37

Tgt Ion: 91 Resp: 334496

Ion Ratio Lower Upper

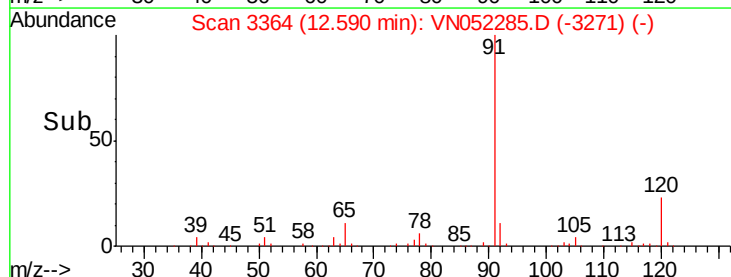
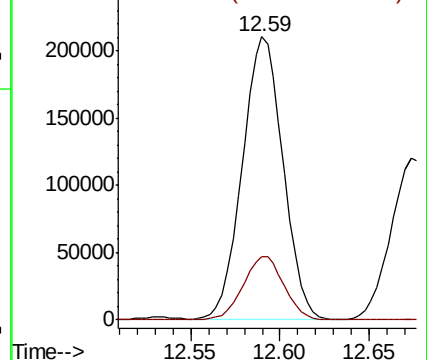
91 100

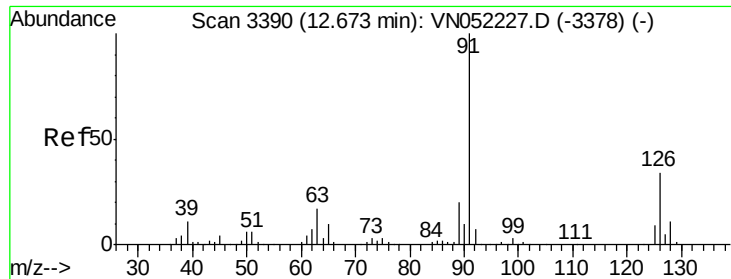
120 22.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.679 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

Instrument :

MSVOA_N

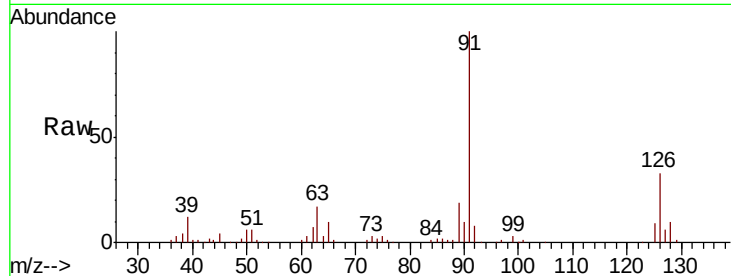
ClientSampleId :

Tot Ion: 91 Resp: 197121

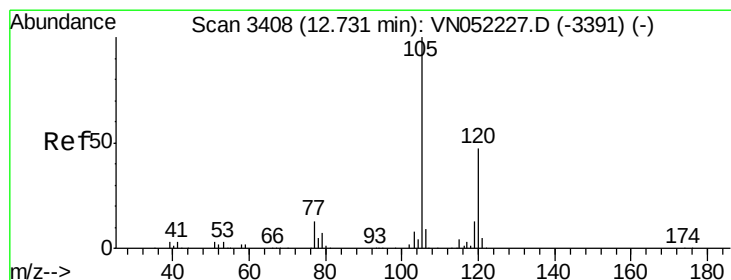
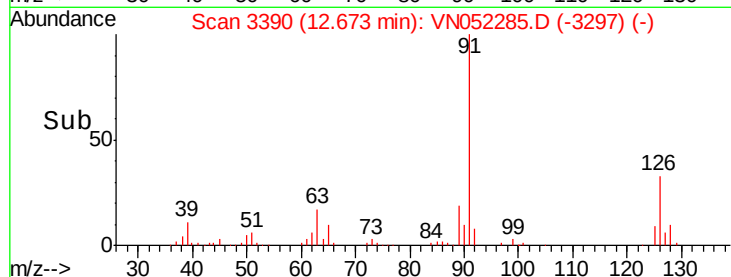
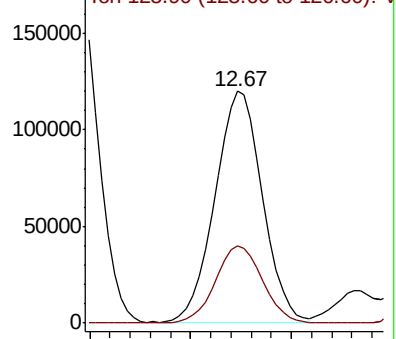
Ion Ratio Lower Upper

91 100

126 33.3 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN052227.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.855 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN052285.D

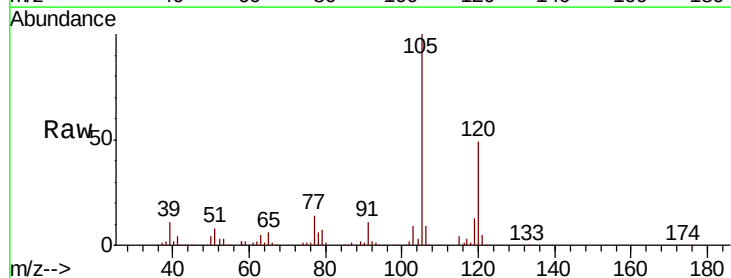
Acq: 13 Nov 2018 14:37

Tgt Ion:105 Resp: 233115

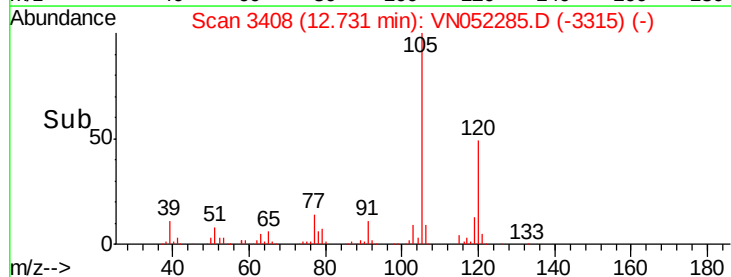
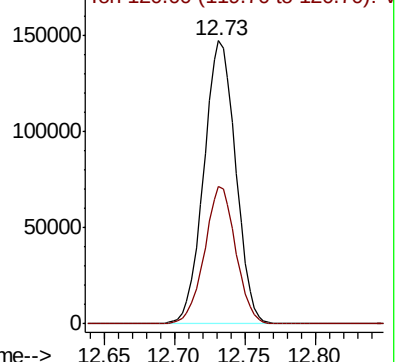
Ion Ratio Lower Upper

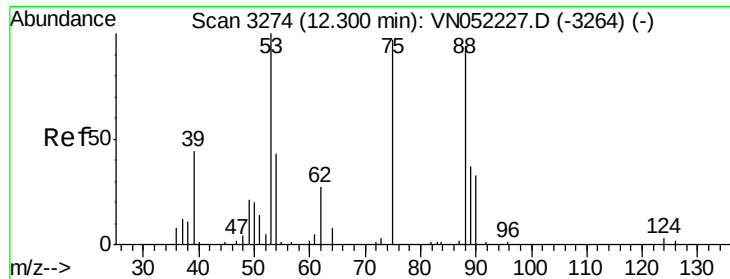
105 100

120 47.4 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VN052227.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.335 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

Instrument :

MSVOA_N

ClientSampleId :

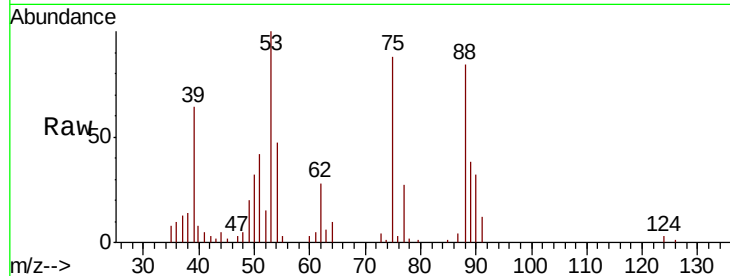
Tot Ion: 75 Resp: 17163

Ion Ratio Lower Upper

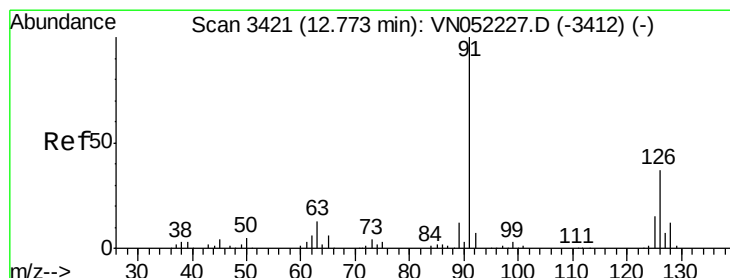
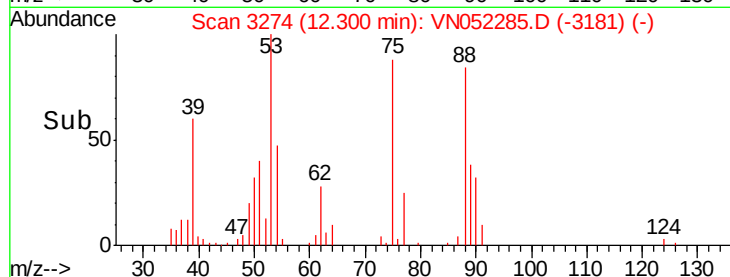
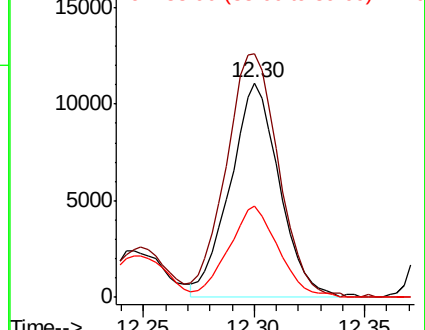
75 100

53 121.9 84.0 126.0

89 43.0 33.7 50.5



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: 19.721 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN052285.D

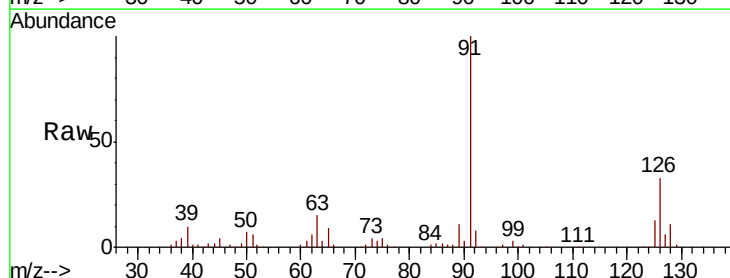
Acq: 13 Nov 2018 14:37

Tgt Ion: 91 Resp: 198211

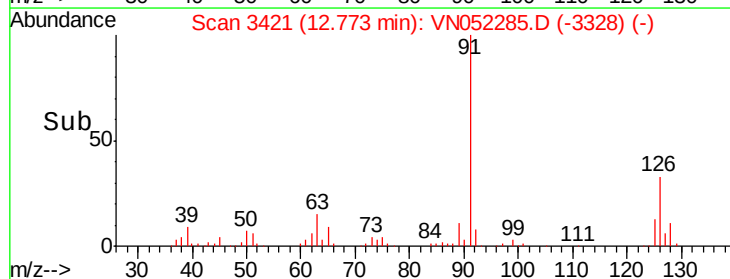
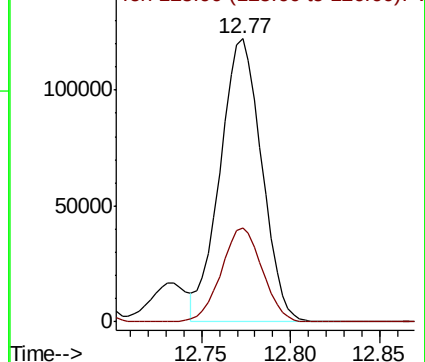
Ion Ratio Lower Upper

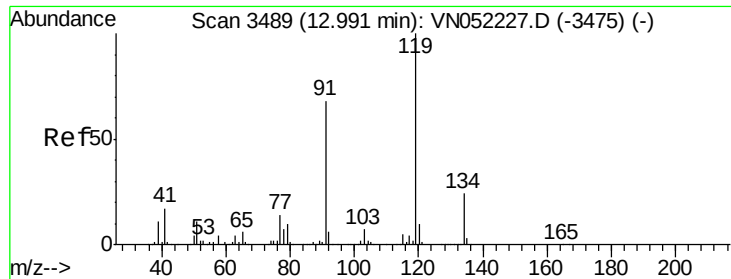
91 100

126 32.7 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V

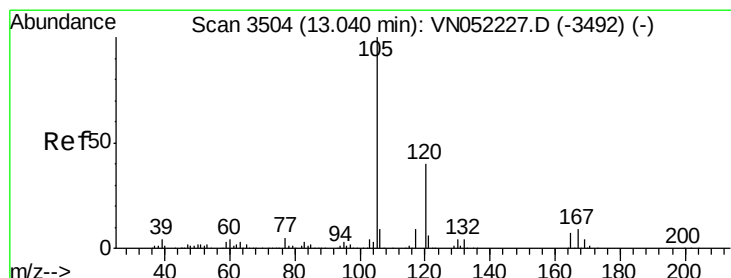
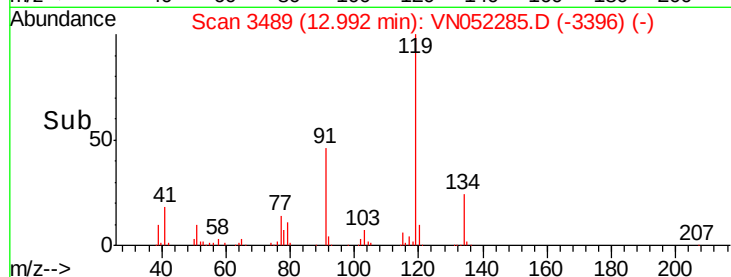
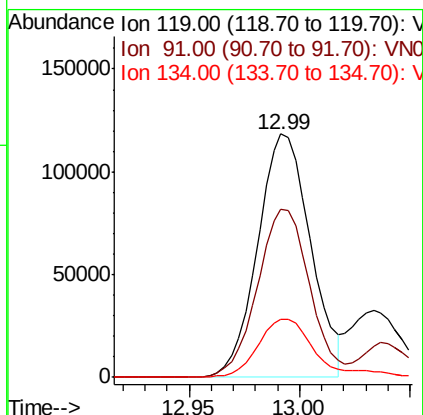
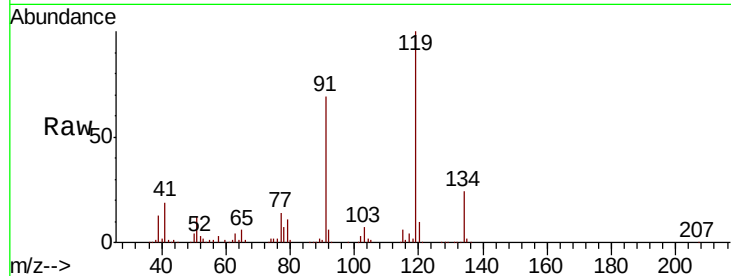




#83
 tert-Butylbenzene
 Concen: 19.162 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

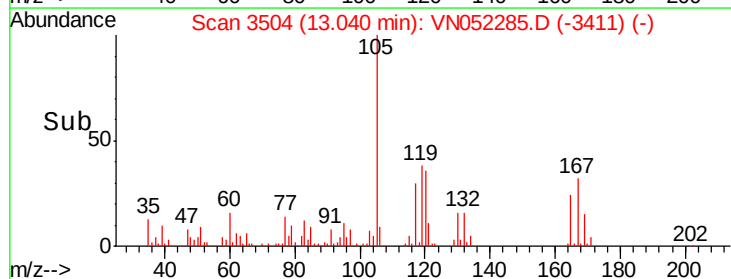
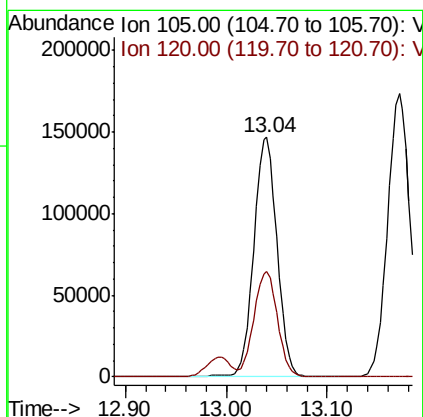
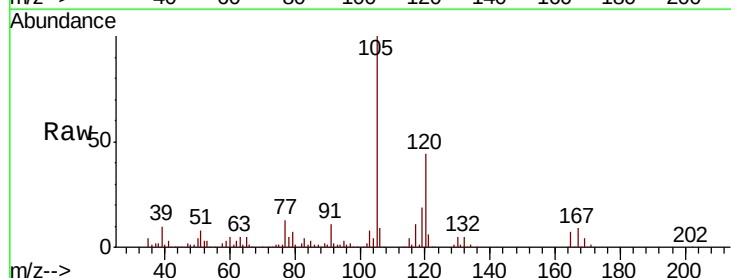
Instrument :
 MSVOA_N
 ClientSampleId :

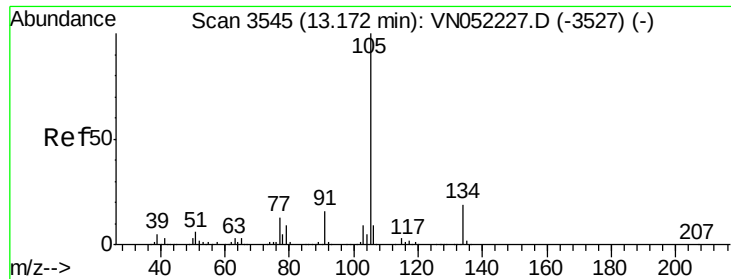
Tot Ion:119 Resp: 196414
 Ion Ratio Lower Upper
 119 100
 91 68.2 33.5 100.4
 134 24.4 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.643 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

Tgt Ion:105 Resp: 232529
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.367 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

Instrument :

MSVOA_N

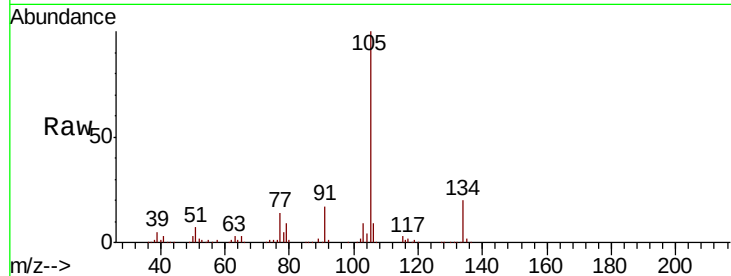
ClientSampled :

Tot Ion:105 Resp: 272231

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

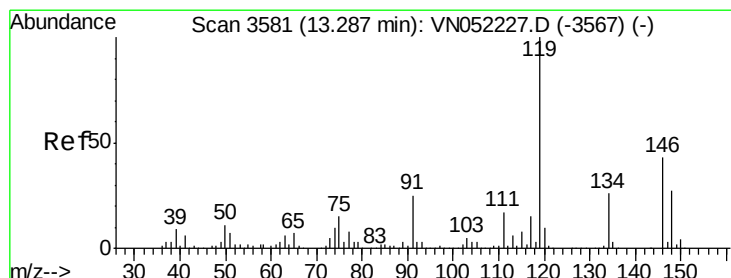
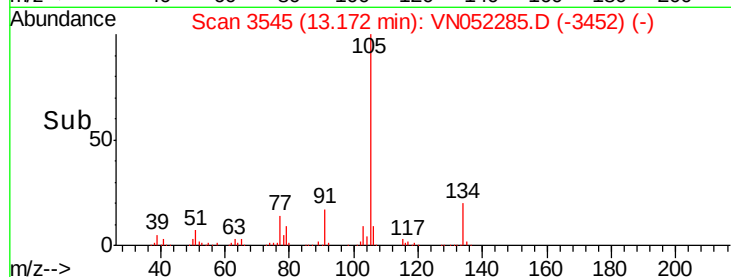
100000

50000

0

13.10 13.15 13.20 13.25

Time-->



#86

p-Isopropyltoluene

Concen: 19.555 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN052285.D

Acq: 13 Nov 2018 14:37

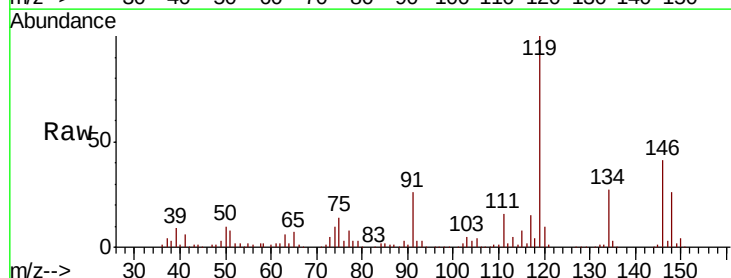
Tgt Ion:119 Resp: 229964

Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.6

91 24.5 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

200000

150000

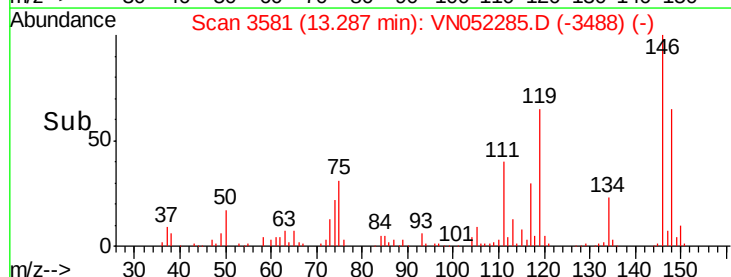
100000

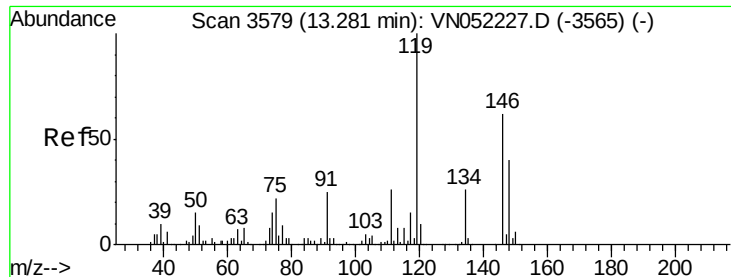
50000

0

13.20 13.25 13.30 13.35

Time-->

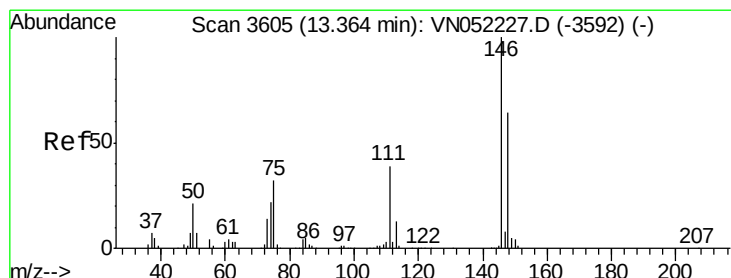
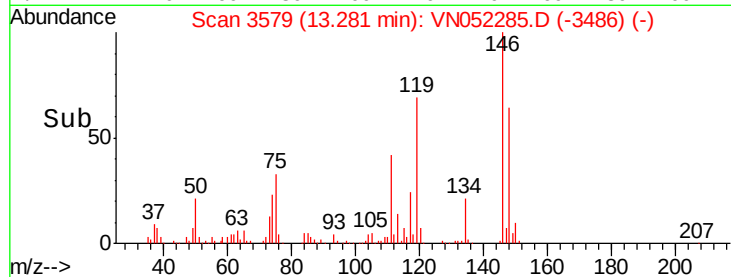
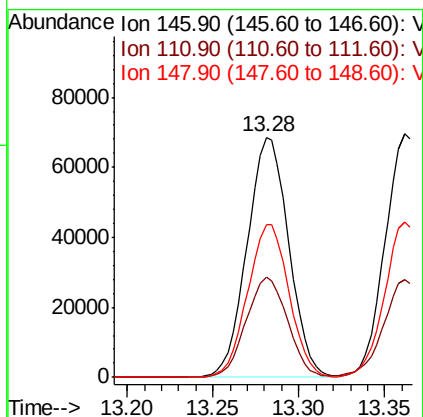
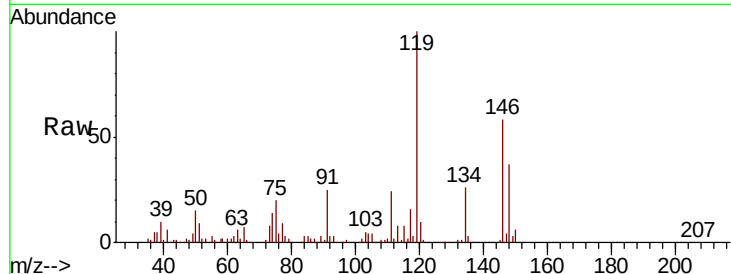




#87
 1,3-Dichlorobenzene
 Concen: 19.165 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

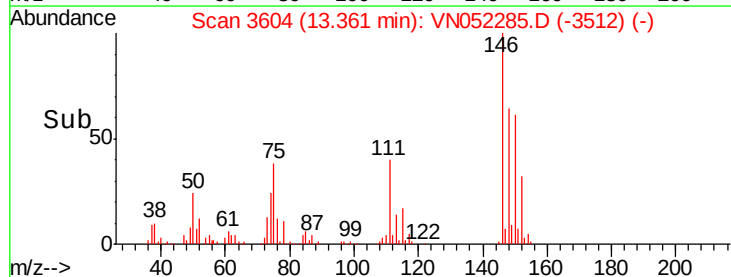
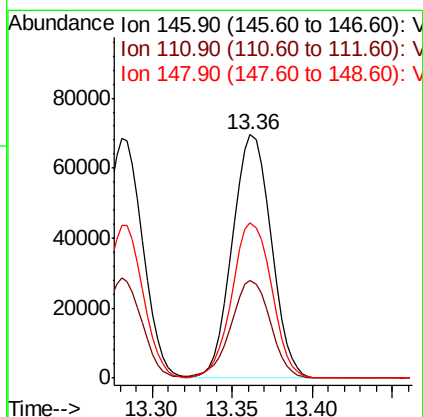
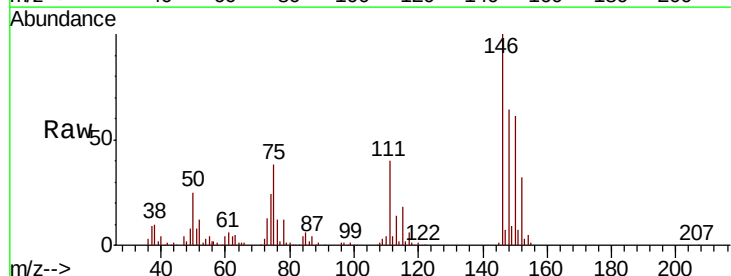
Instrument :
 MSVOA_N
 ClientSampled :

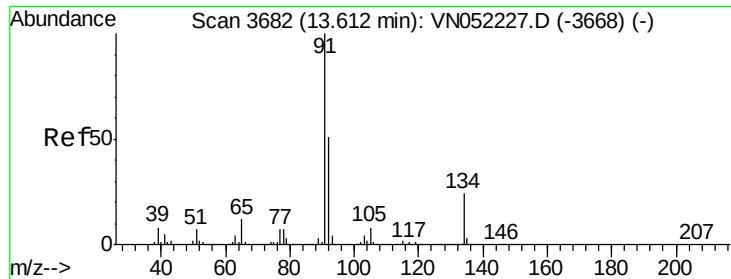
Tot Ion:146 Resp: 115291
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.1 60.3
 148 63.2 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 19.157 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

Tgt Ion:146 Resp: 115375
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.2 60.6
 148 65.1 32.1 96.3

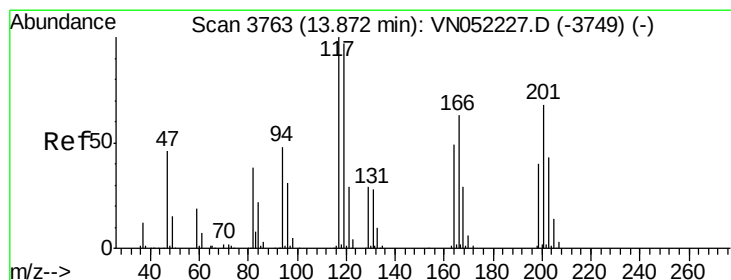
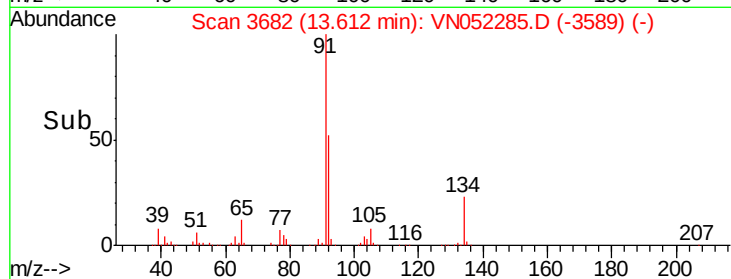
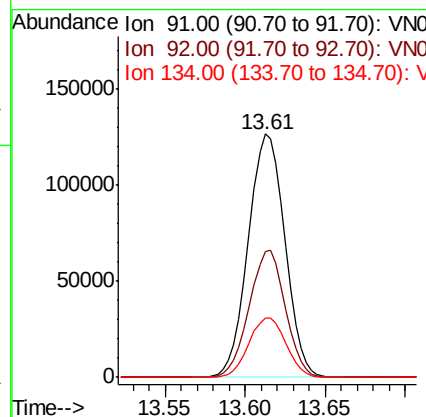
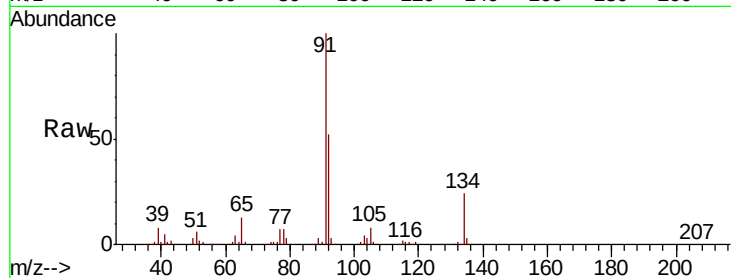




#89
n-Butylbenzene
Concen: 18.863 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

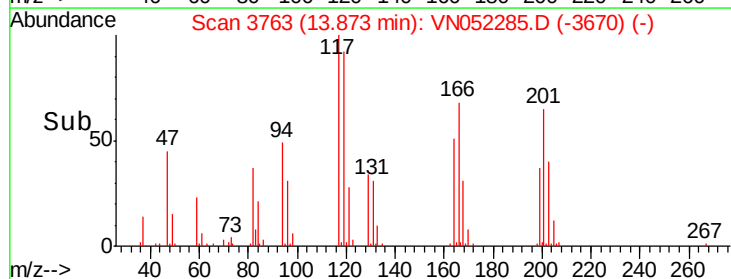
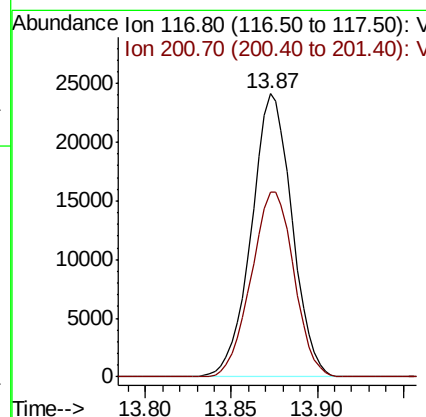
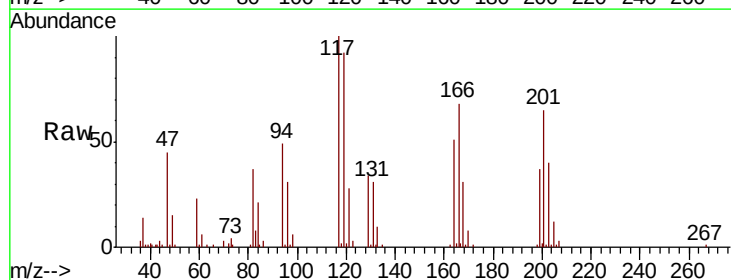
Instrument :
MSVOA_N
ClientSampleId :

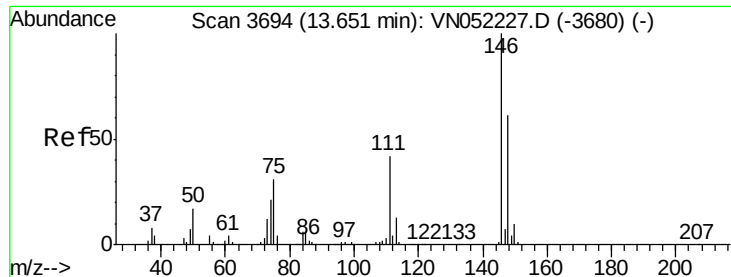
Tot Ion: 91 Resp: 197519
Ion Ratio Lower Upper
91 100
92 51.5 25.1 75.3
134 24.7 12.0 36.1



#90
Hexachloroethane
Concen: 19.202 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

Tgt Ion: 117 Resp: 39634
Ion Ratio Lower Upper
117 100
201 68.4 34.6 103.9

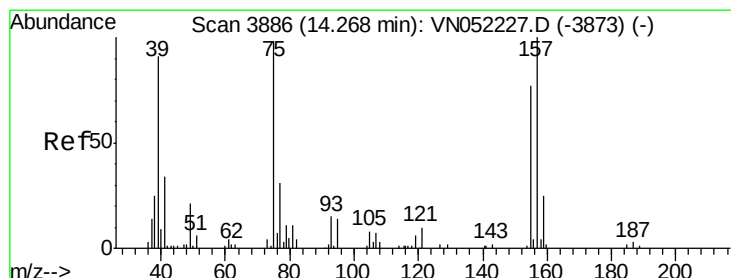
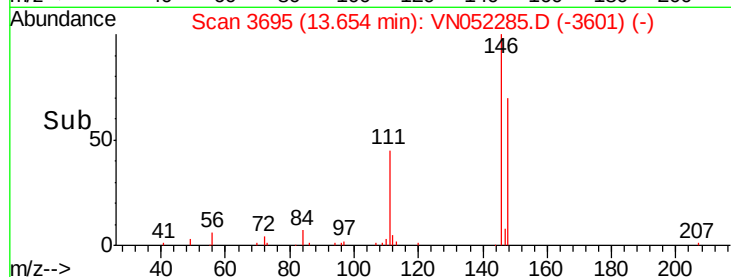
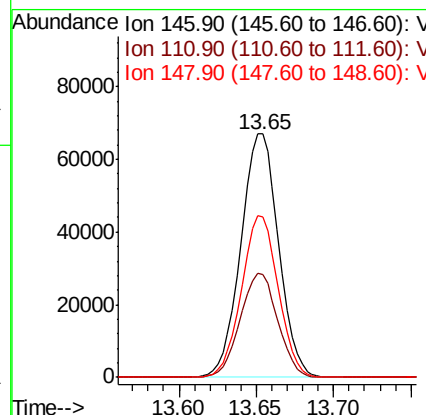
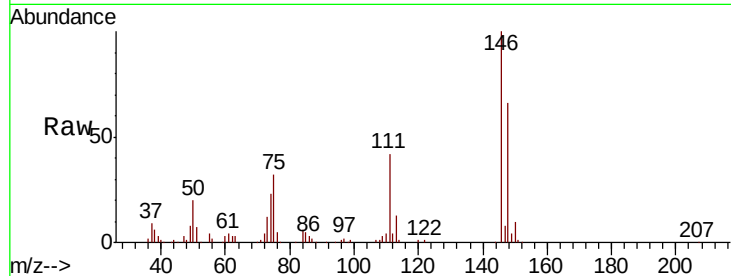




#91
 1,2-Dichlorobenzene
 Concen: 19.291 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

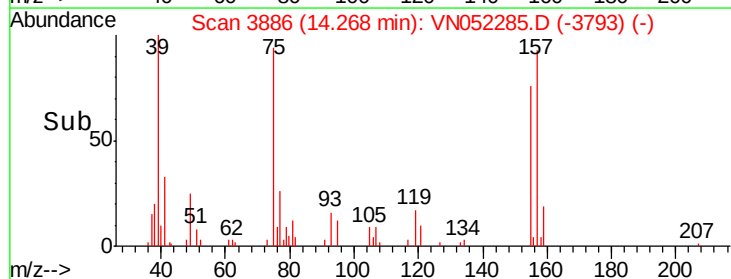
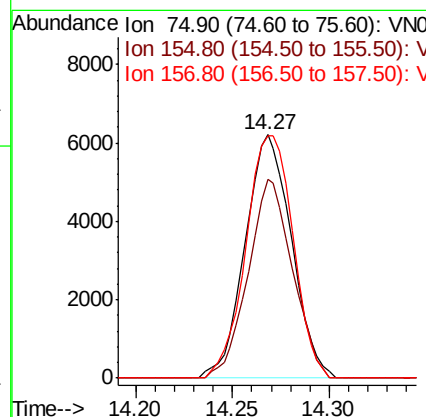
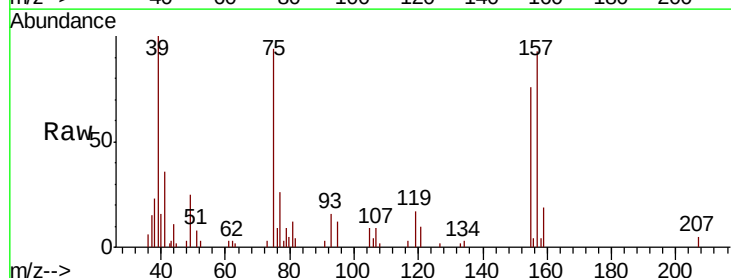
Instrument :
 MSVOA_N
 ClientSampleId :

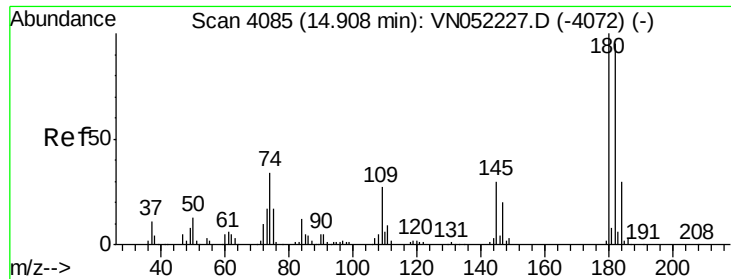
Tot Ion:146 Resp: 113255
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.1 63.3
 148 64.8 31.3 93.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.067 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

Tgt Ion: 75 Resp: 10325
 Ion Ratio Lower Upper
 75 100
 155 78.1 40.2 120.5
 157 101.5 51.7 155.2

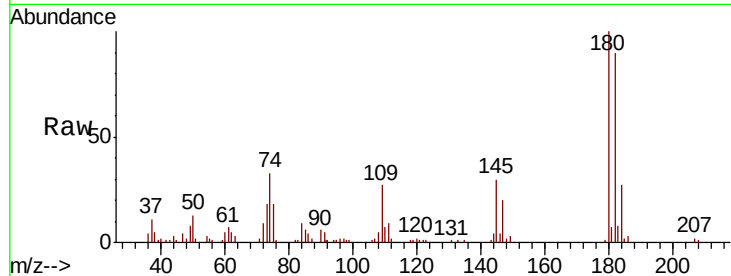




#93
 1,2,4-Trichlorobenzene
 Concen: 21.139 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.3	142.0
145	29.6	15.6	46.8

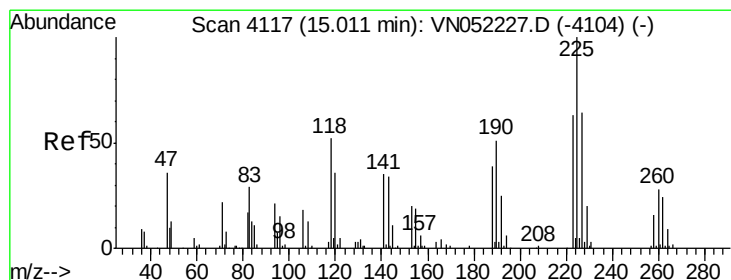
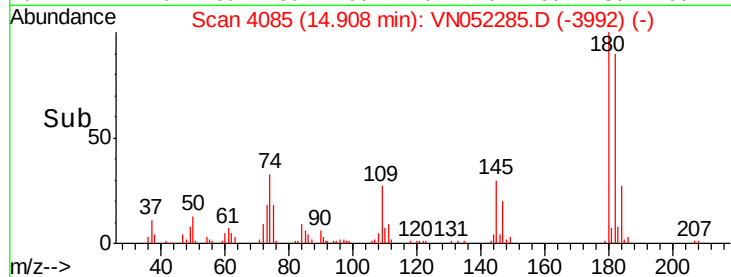
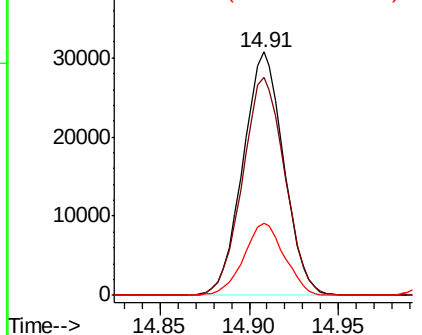


Abundance

Ion 179.80 (179.50 to 180.50): V

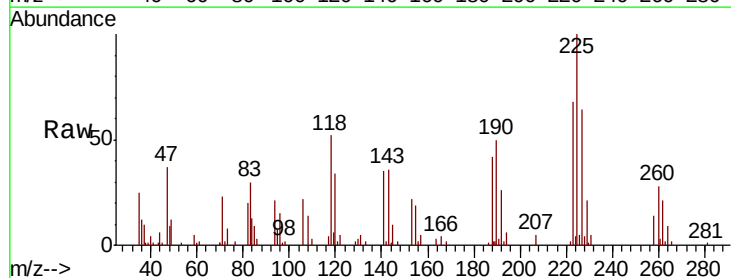
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.345 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN052285.D
 Acq: 13 Nov 2018 14:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	32.1	96.3
227	63.5	31.8	95.4

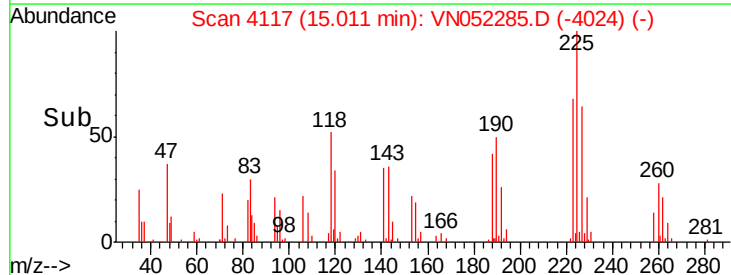
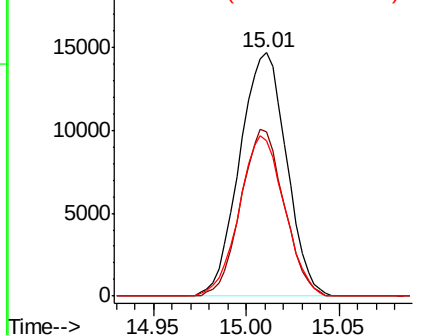


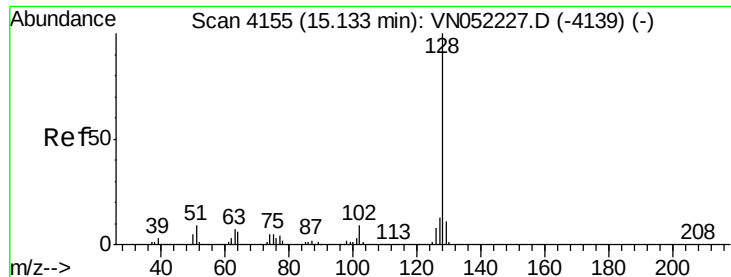
Abundance

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

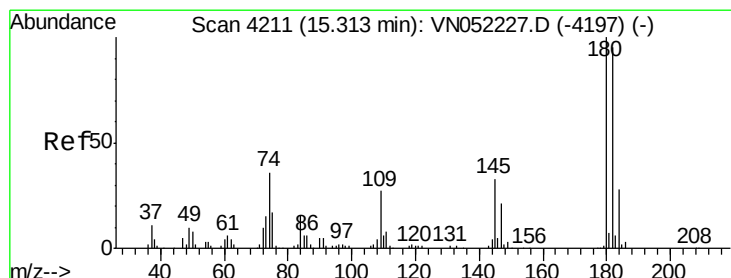
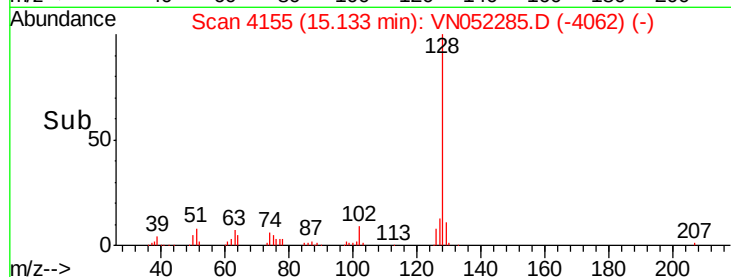
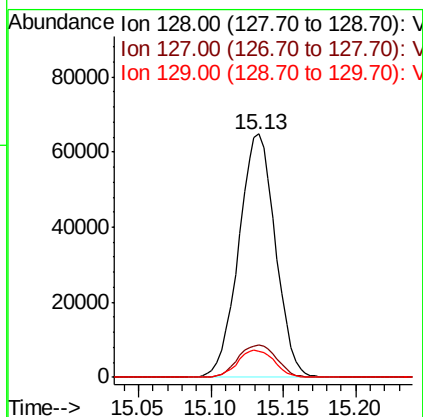
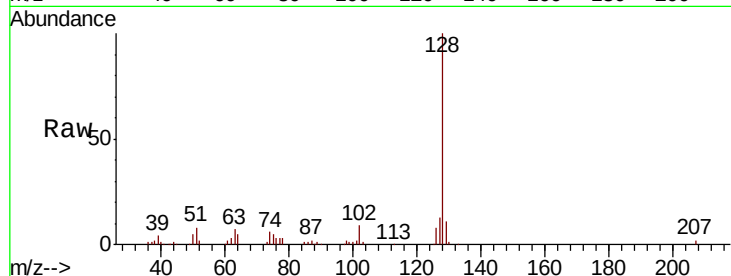




#95
Naphthalene
Concen: 19.909 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 113912
Ion Ratio Lower Upper
128 100
127 14.1 10.6 16.0
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.678 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN052285.D
Acq: 13 Nov 2018 14:37

Tgt Ion:180 Resp: 45388
Ion Ratio Lower Upper
180 100
182 94.8 47.7 143.1
145 32.8 16.8 50.3

