

Data File : VN053387.D
Acq On : 14 Jan 2019 13:17
Operator : JC/SP
Sample : VN0114WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01

Quant Time: Jan 14 22:55:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	838611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1292325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1161168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	551528	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	426057	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
35) Dibromofluoromethane	7.59	113	362577	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	10.09	98	1517045	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
62) 4-Bromofluorobenzene	12.40	95	539903	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.85	85	146069	19.757	ug/l	99
3) Chloromethane	2.06	50	193922	18.783	ug/l	100
4) Vinyl Chloride	2.19	62	189440	19.224	ug/l	98
5) Bromomethane	2.55	94	126761	19.686	ug/l	98
6) Chloroethane	2.70	64	114997	19.334	ug/l	96
7) Trichlorofluoromethane	3.02	101	250636	19.636	ug/l	99
8) Diethyl Ether	3.41	74	98859	19.760	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	162934	20.141	ug/l	99
10) Methyl Iodide	3.96	142	229075	20.202	ug/l	100
11) Tert butyl alcohol	4.78	59	48563	92.541	ug/l #	89
12) 1,1-Dichloroethene	3.74	96	153217	19.581	ug/l	99
13) Acrolein	3.61	56	67108	101.708	ug/l	100
14) Allyl chloride	4.33	41	253650	20.112	ug/l	96
15) Acrylonitrile	4.99	53	309199	98.702	ug/l	100
16) Acetone	3.82	43	202670	95.135	ug/l	97
17) Carbon Disulfide	4.06	76	413141	17.126	ug/l	99
18) Methyl Acetate	4.32	43	151354	19.168	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	439384	20.008	ug/l	100
20) Methylene Chloride	4.55	84	181599	19.380	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	166353	19.800	ug/l	99
22) Diisopropyl ether	5.95	45	556392	20.479	ug/l	96
23) Vinyl Acetate	5.90	43	1718612	100.533	ug/l	99
24) 1,1-Dichloroethane	5.85	63	316240	20.182	ug/l	100
25) 2-Butanone	6.84	43	339578	94.870	ug/l	100
26) 2,2-Dichloropropane	6.83	77	228050	19.909	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	194485	20.271	ug/l	100
28) Bromochloromethane	7.20	49	137738	20.627	ug/l	99
29) Tetrahydrofuran	7.21	42	230106	97.417	ug/l	98
30) Chloroform	7.37	83	309611	20.074	ug/l	98
31) Cyclohexane	7.66	56	299813	20.018	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	258501	20.113	ug/l	99
36) 1,1-Dichloropropene	7.79	75	237642	19.697	ug/l	100
37) Ethyl Acetate	6.93	43	153930	19.588	ug/l	99
38) Carbon Tetrachloride	7.78	117	224908	20.197	ug/l	99

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	291805	20.877	ug/l	99
40) Benzene	8.04	78	732559	19.878	ug/l	99
41) Methacrylonitrile	7.17	41	86368	17.703	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	219725	20.100	ug/l	100
43) Isopropyl Acetate	8.17	43	274206	17.737	ug/l	99
44) Trichloroethene	8.84	130	201980	19.960	ug/l	99
45) 1,2-Dichloropropane	9.12	63	196529	20.333	ug/l	98
46) Dibromomethane	9.21	93	113818	20.196	ug/l	98
47) Bromodichloromethane	9.40	83	233087	19.846	ug/l	100
48) Methyl methacrylate	9.20	41	138935	19.781	ug/l	99
49) 1,4-Dioxane	9.20	88	24273	324.375	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	771321	99.214	ug/l	99
52) Toluene	10.16	92	455501	20.147	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	241023	20.061	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	279354	20.121	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	163836	19.708	ug/l	99
56) Ethyl methacrylate	10.43	69	218019	20.181	ug/l	99
57) 1,3-Dichloropropane	10.71	76	285158	20.512	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	574435	98.354	ug/l	100
59) 2-Hexanone	10.75	43	524660	98.497	ug/l	99
60) Dibromochloromethane	10.90	129	178610	19.919	ug/l	100
61) 1,2-Dibromoethane	11.01	107	162355	19.790	ug/l	97
64) Tetrachloroethene	10.63	164	219192	20.056	ug/l	99
65) Chlorobenzene	11.43	112	505175	20.027	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	177626	20.118	ug/l	99
67) Ethyl Benzene	11.51	91	866191	20.208	ug/l	99
68) m/p-Xylenes	11.62	106	662385	41.097	ug/l	100
69) o-Xylene	11.95	106	322494	20.438	ug/l	100
70) Styrene	11.96	104	530799	20.669	ug/l	100
71) Bromoform	12.13	173	122674	19.671	ug/l #	100
73) Isopropylbenzene	12.25	105	865965	21.089	ug/l	100
74) N-amyl acetate	12.07	43	246916	20.137	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	193723	20.509	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	256083	31.834	ug/l #	100
77) Bromobenzene	12.53	156	225746	20.598	ug/l	99
78) n-propylbenzene	12.59	91	981783	21.137	ug/l	99
79) 2-Chlorotoluene	12.68	91	583537	20.763	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	704327	21.294	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	55213	20.194	ug/l	96
82) 4-Chlorotoluene	12.77	91	592681	20.566	ug/l	99
83) tert-Butylbenzene	12.99	119	624173	21.508	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	703909	20.890	ug/l	100
85) sec-Butylbenzene	13.17	105	848895	22.181	ug/l	100
86) p-Isopropyltoluene	13.29	119	737080	22.244	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	393271	20.377	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	386456	20.186	ug/l	99
89) n-Butylbenzene	13.62	91	610946	21.991	ug/l	99
90) Hexachloroethane	13.88	117	106165	19.989	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	367612	20.335	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25003	21.823	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011419\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	142806	25.123	ug/l	100
94) Hexachlorobutadiene	15.01	225	116697	25.100	ug/l	96
95) Naphthalene	15.13	128	255479	26.346	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	104785	28.157	ug/l	98

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

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Sample : VN0114WBSD01

Misc : 5.00mL/MSVOA N/WATER

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ALS Vial      : 10      Sample Multiplier: 28
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Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01

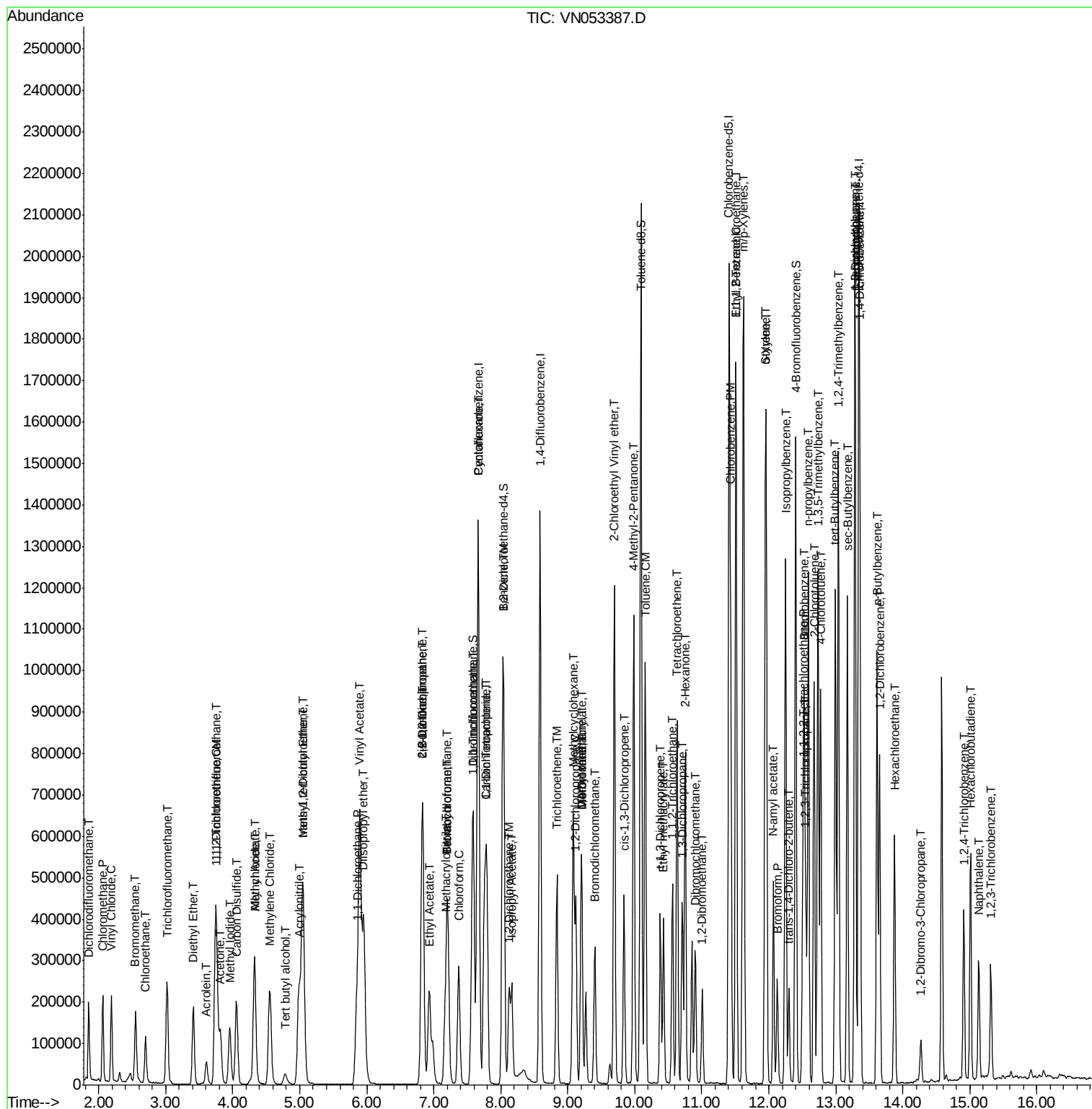
Quant Time: Jan 14 22:55:11 2019

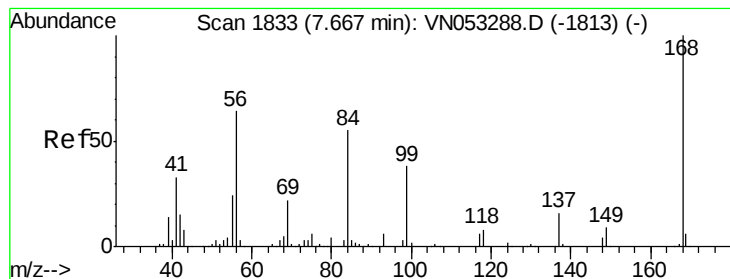
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Quant Title : SW846 8260

QLast Update : Mon Jan 07 09:34:27 2019

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: VN053387.D

Acq: 14 Jan 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

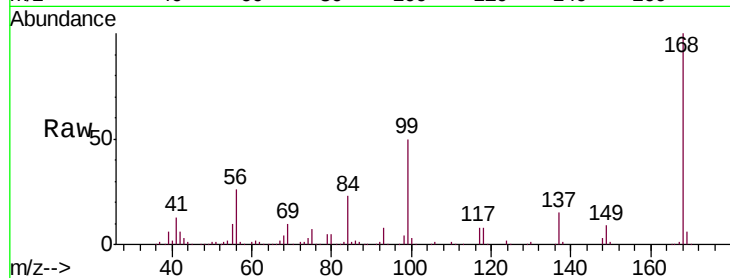
VN0114WBSD01

Tgt Ion:168 Resp: 838611

Ion Ratio Lower Upper

168 100

99 49.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

300000

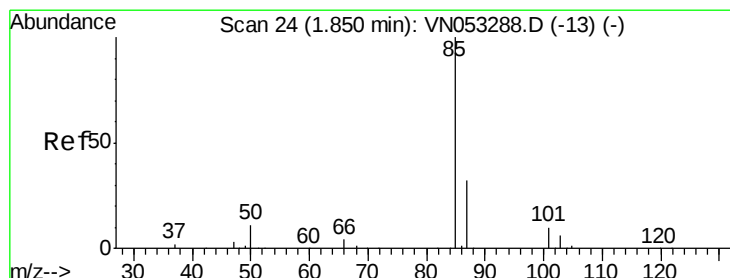
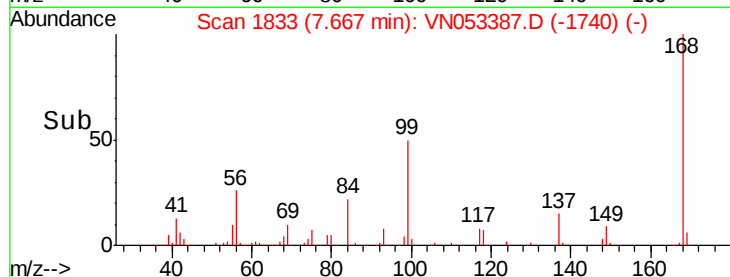
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.757 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053387.D

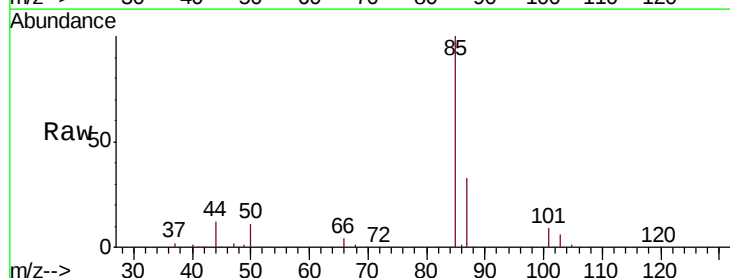
Acq: 14 Jan 2019 13:17

Tgt Ion: 85 Resp: 146069

Ion Ratio Lower Upper

85 100

87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

120000

100000

80000

60000

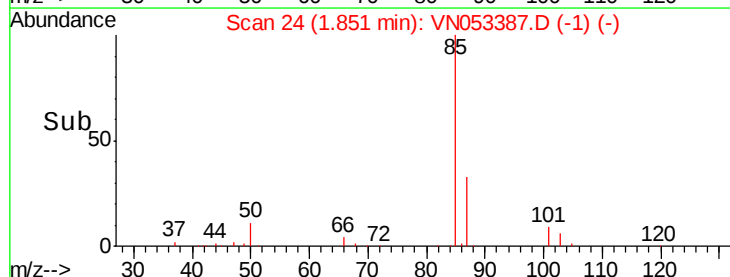
40000

20000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 18.783 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

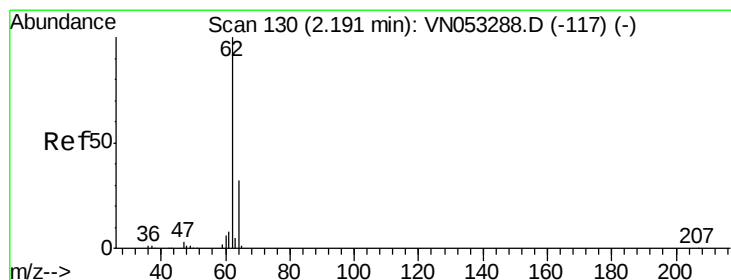
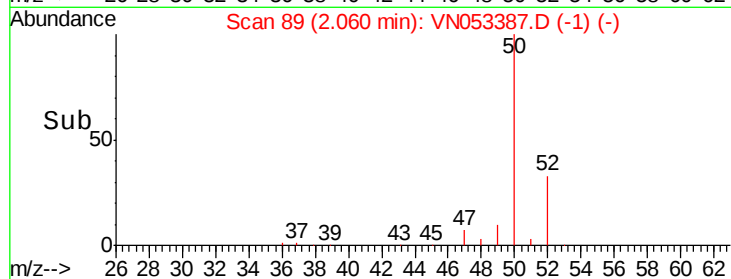
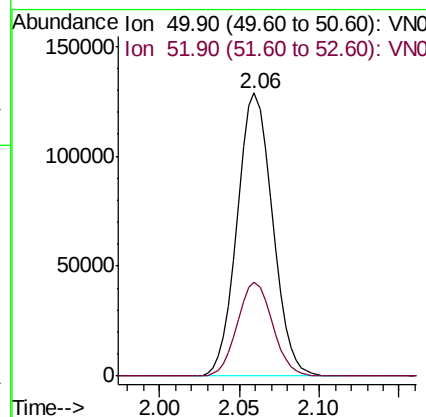
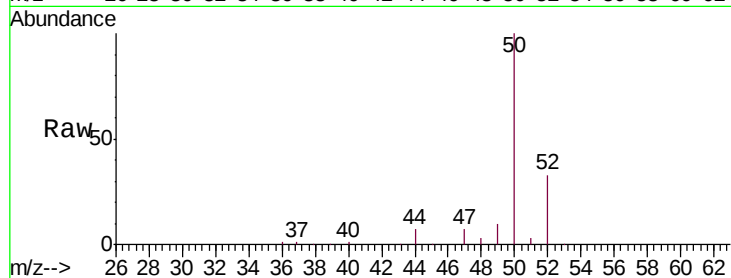
VN0114WBSD01

Tgt Ion: 50 Resp: 193922

Ion Ratio Lower Upper

50 100

52 33.2 26.6 40.0



#4

Vinyl Chloride

Concen: 19.224 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN053387.D

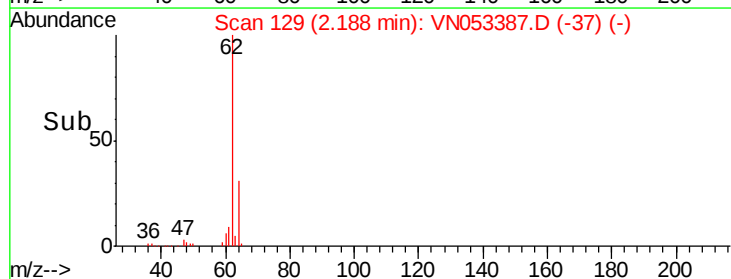
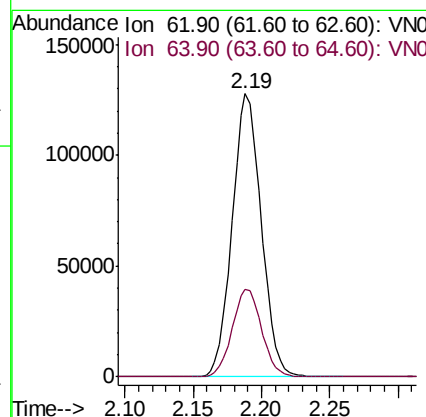
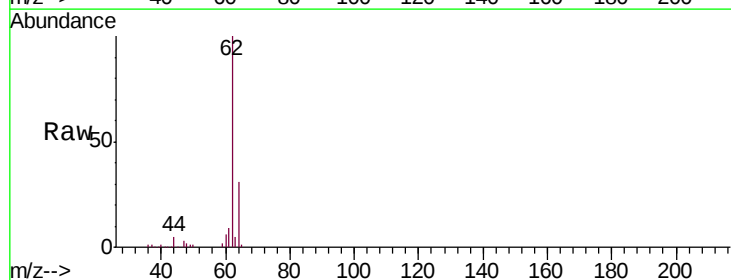
Acq: 14 Jan 2019 13:17

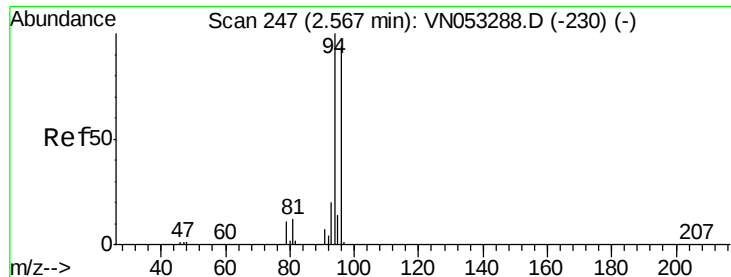
Tgt Ion: 62 Resp: 189440

Ion Ratio Lower Upper

62 100

64 31.1 25.6 38.4





#5

Bromomethane

Concen: 19.686 ug/l

RT: 2.55 min Scan# 241

Delta R.T. -0.02 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

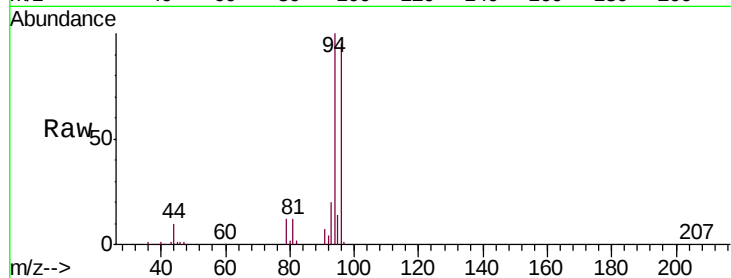
VN0114WBSD01

Tgt Ion: 94 Resp: 126761

Ion Ratio Lower Upper

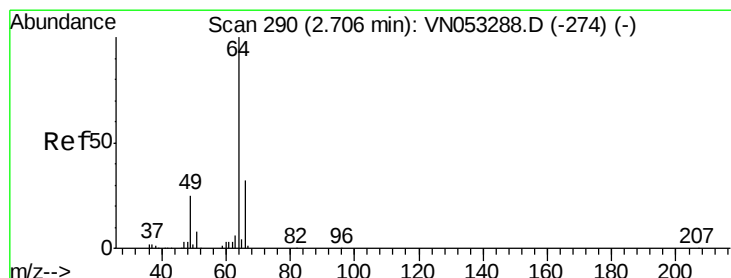
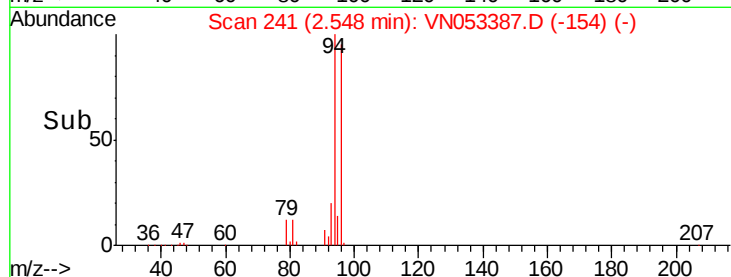
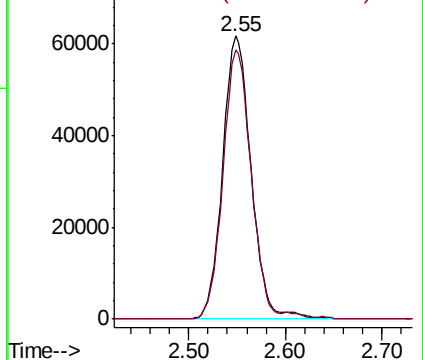
94 100

96 95.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.334 ug/l

RT: 2.70 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN053387.D

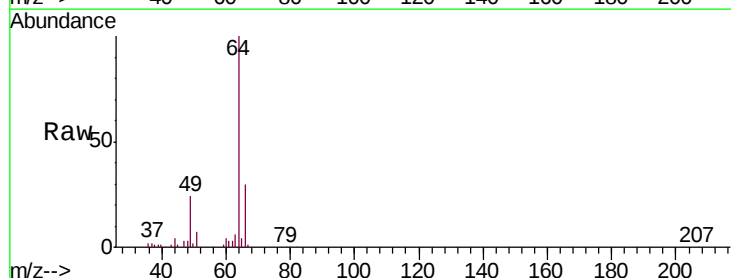
Acq: 14 Jan 2019 13:17

Tgt Ion: 64 Resp: 114997

Ion Ratio Lower Upper

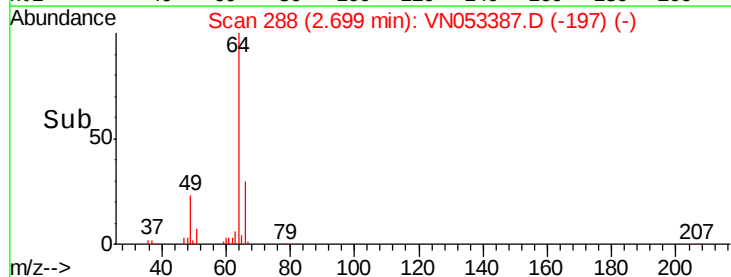
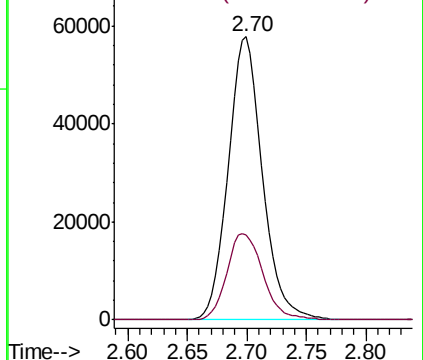
64 100

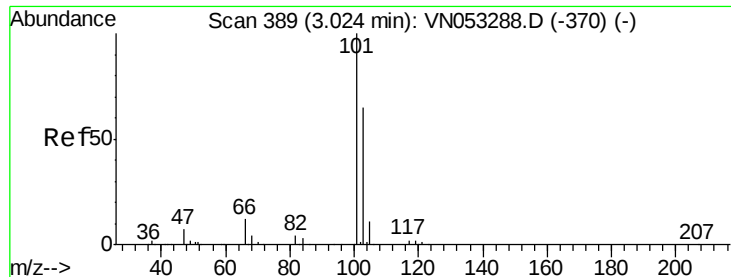
66 29.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



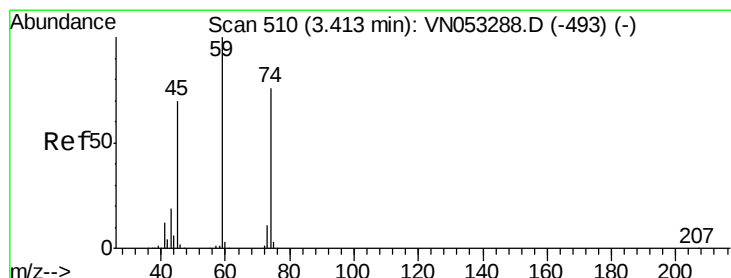
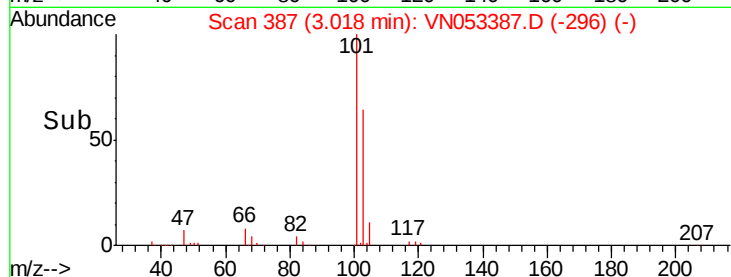
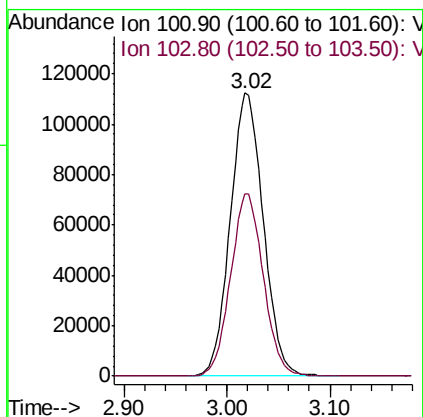
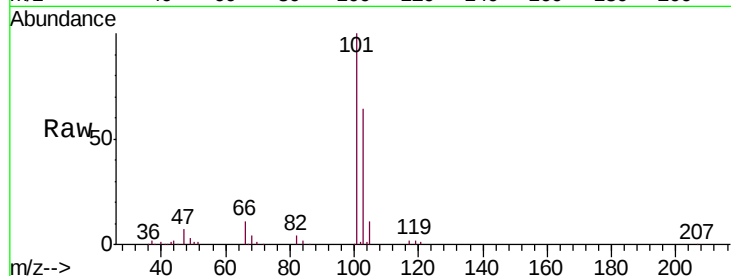


#7

Trichlorofluoromethane
 Concen: 19.636 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VN053387.D
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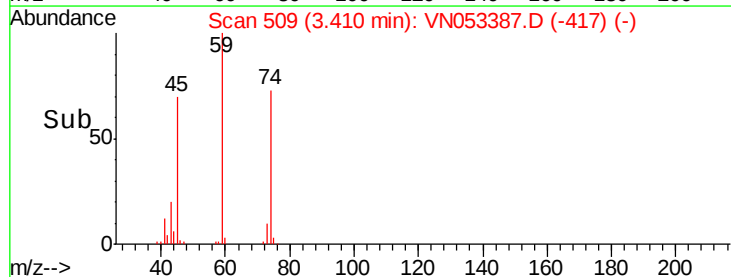
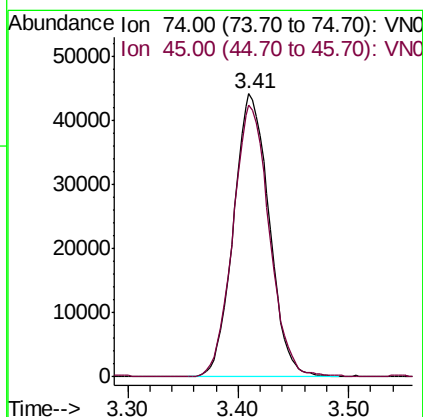
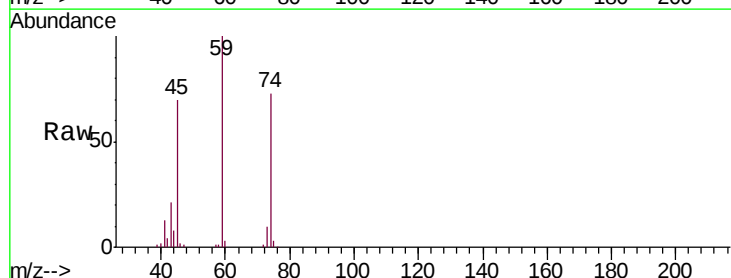
Tgt Ion:101 Resp: 250636
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.1 78.1

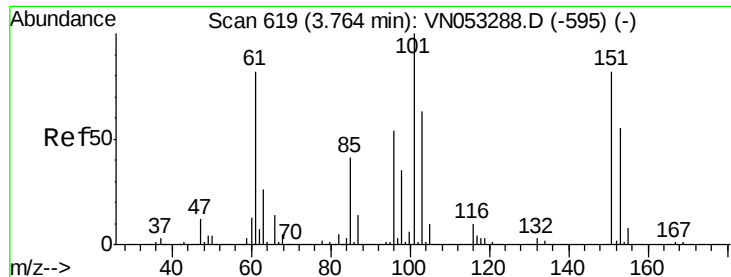


#8

Diethyl Ether
 Concen: 19.760 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

Tgt Ion: 74 Resp: 98859
 Ion Ratio Lower Upper
 74 100
 45 98.1 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.141 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053387.D

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Instrument :

MSVOA_N

ClientSampleId :

VN0114WBSD01

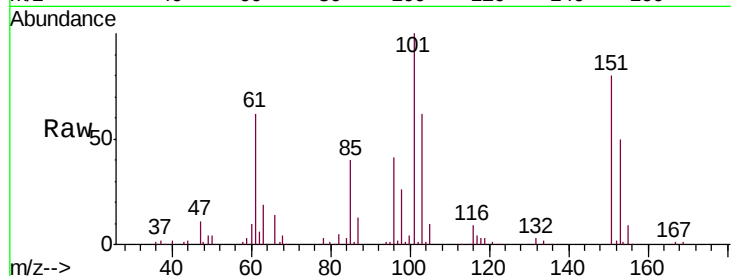
Tgt Ion:101 Resp: 162934

Ion Ratio Lower Upper

101 100

85 41.3 33.3 49.9

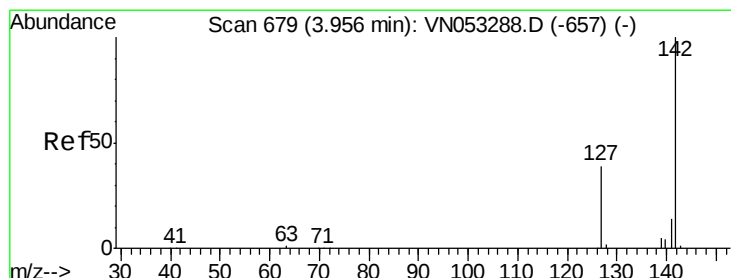
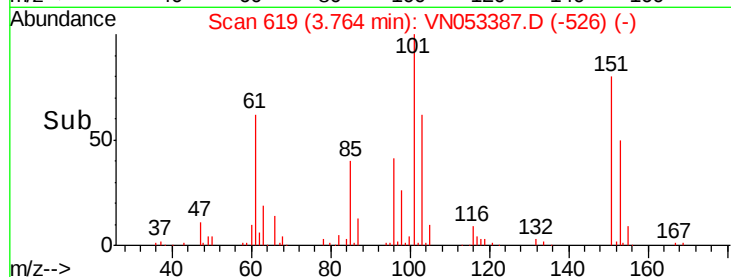
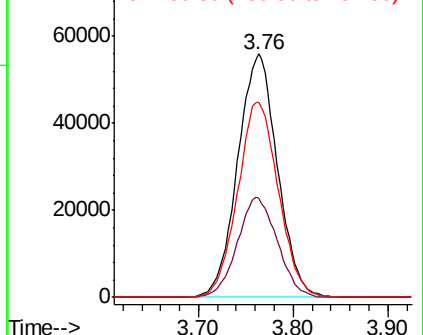
151 82.3 67.0 100.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.202 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

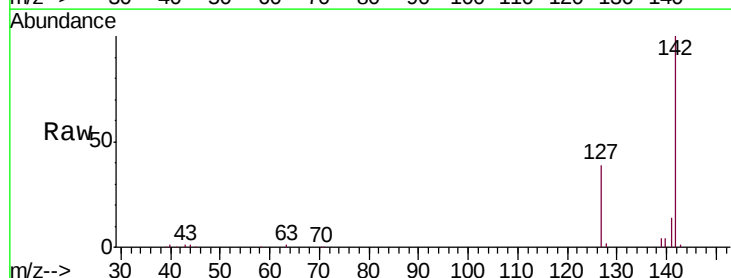
Tgt Ion:142 Resp: 229075

Ion Ratio Lower Upper

142 100

127 38.6 30.9 46.3

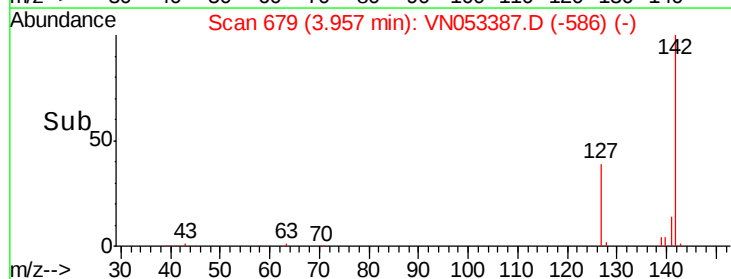
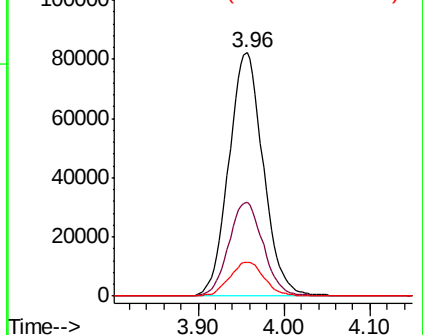
141 14.2 11.2 16.8

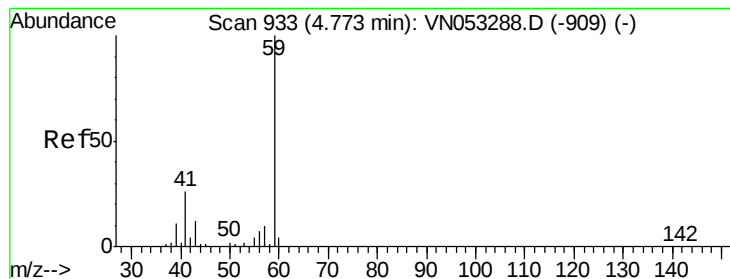


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



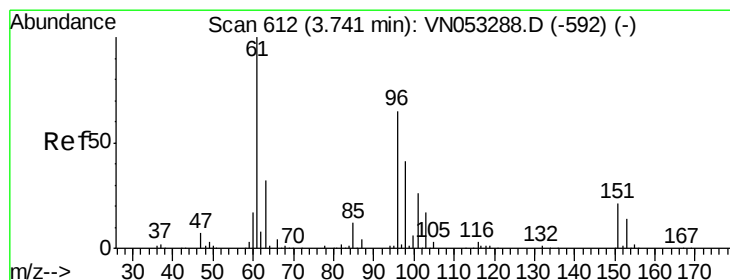
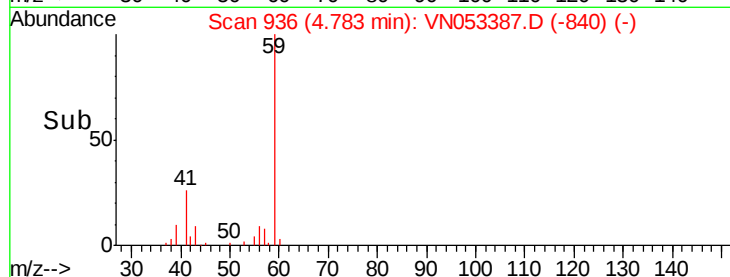
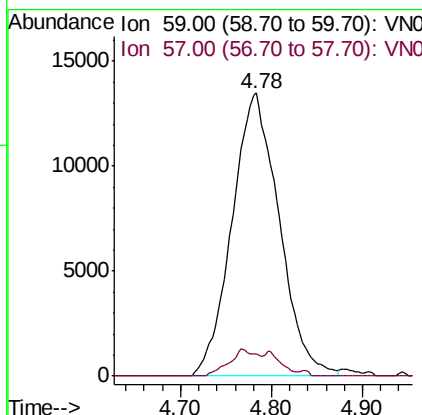
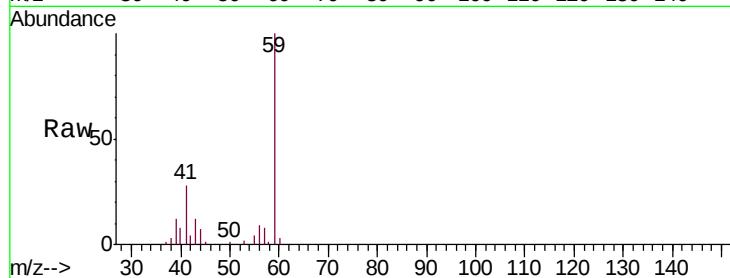


#11

Tert butyl alcohol
 Concen: 92.541 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBSD01

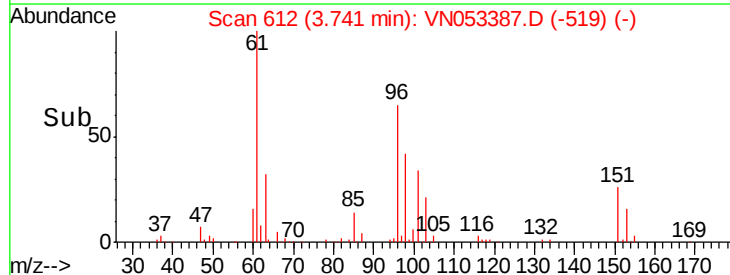
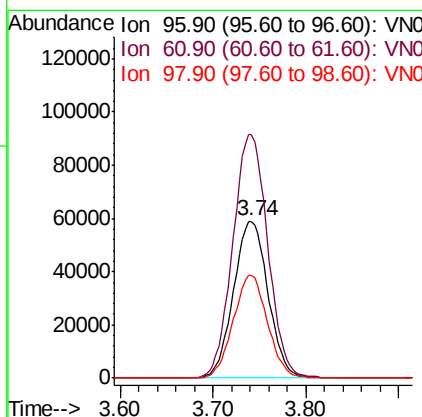
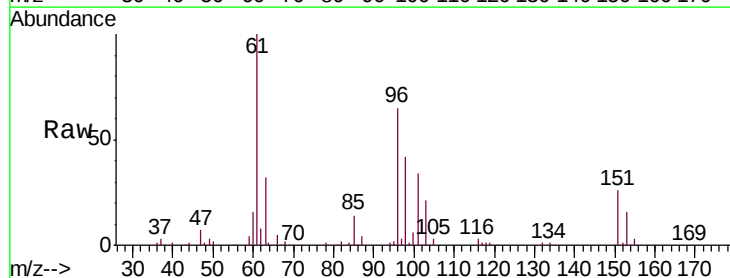
Tgt Ion: 59 Resp: 48563
 Ion Ratio Lower Upper
 59 100
 57 5.9 8.0 12.0#

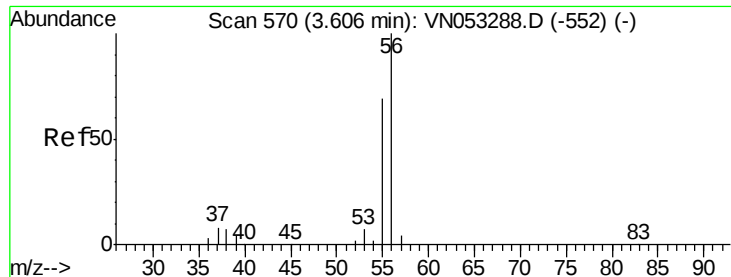


#12

1,1-Dichloroethene
 Concen: 19.581 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

Tgt Ion: 96 Resp: 153217
 Ion Ratio Lower Upper
 96 100
 61 154.8 123.2 184.8
 98 65.4 50.5 75.7





#13

Acrolein

Concen: 101.708 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

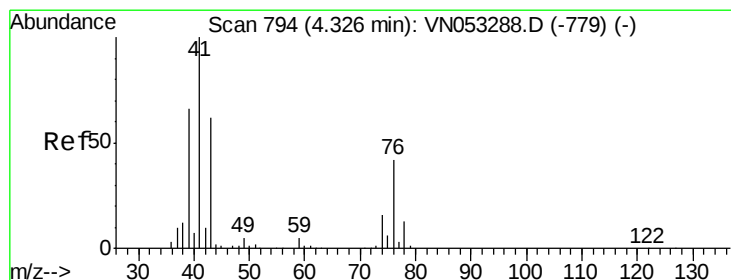
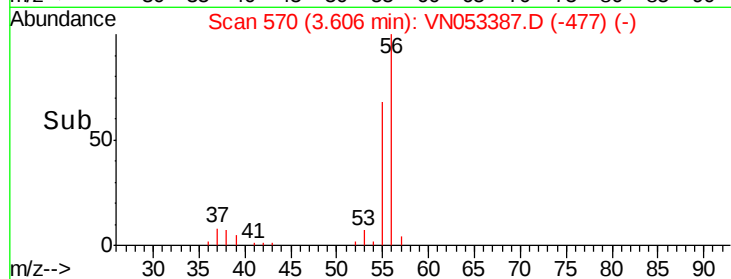
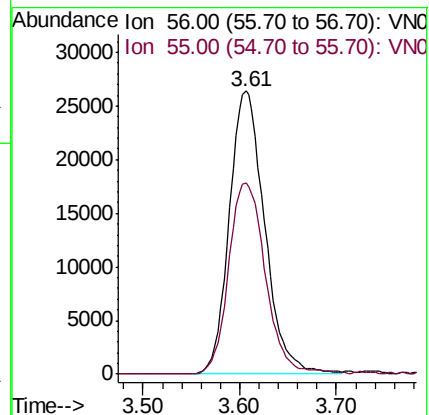
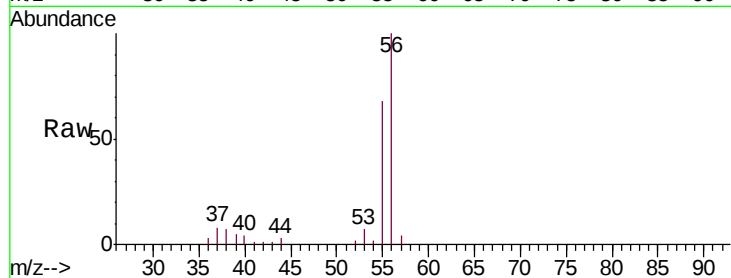
VN0114WBSD01

Tgt Ion: 56 Resp: 67108

Ion Ratio Lower Upper

56 100

55 70.4 56.3 84.5



#14

Allyl chloride

Concen: 20.112 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

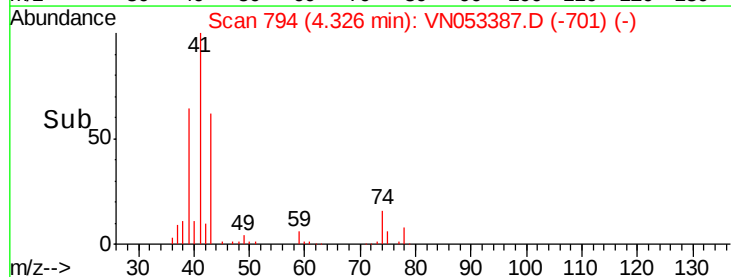
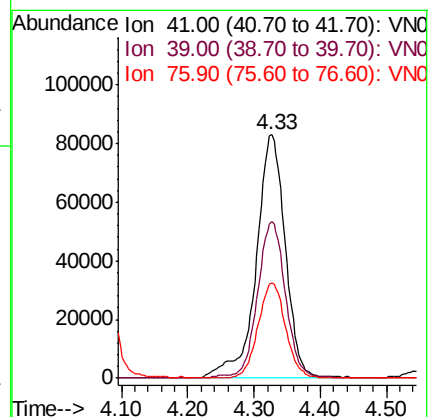
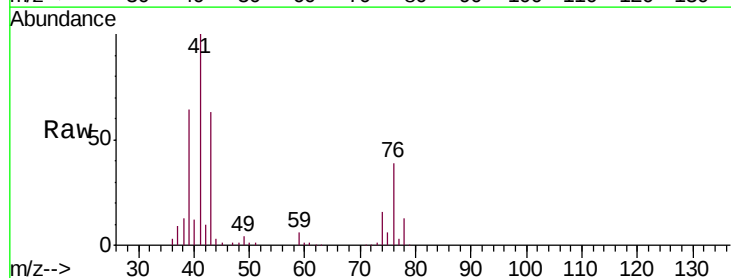
Tgt Ion: 41 Resp: 253650

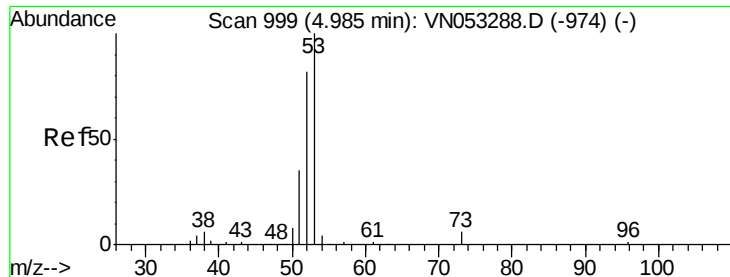
Ion Ratio Lower Upper

41 100

39 61.9 51.9 77.9

76 36.9 31.2 46.8





#15

Acrylonitrile

Concen: 98.702 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0114WBSD01

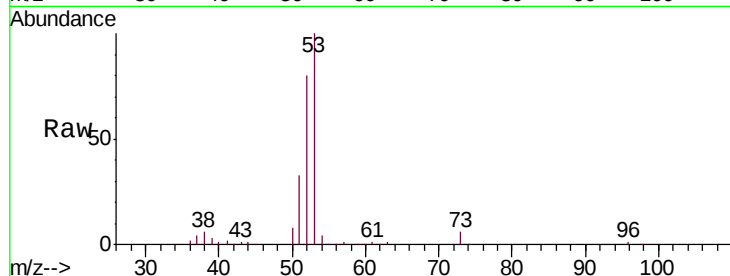
Tgt Ion: 53 Resp: 309199

Ion Ratio Lower Upper

53 100

52 81.2 65.2 97.8

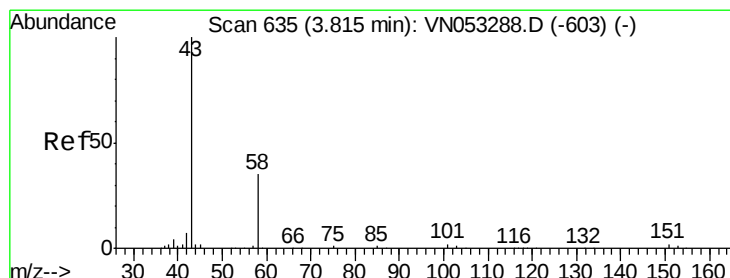
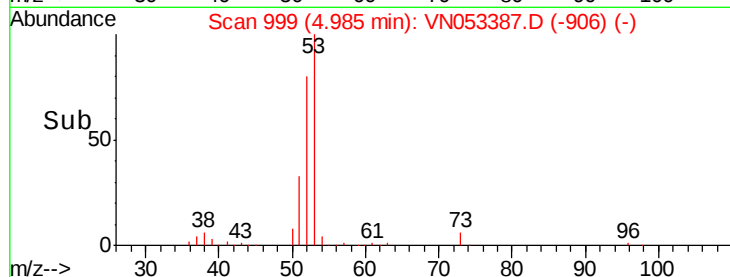
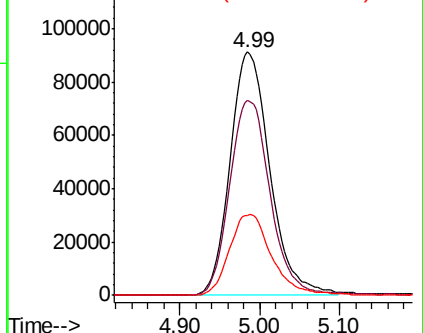
51 35.2 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 95.135 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053387.D

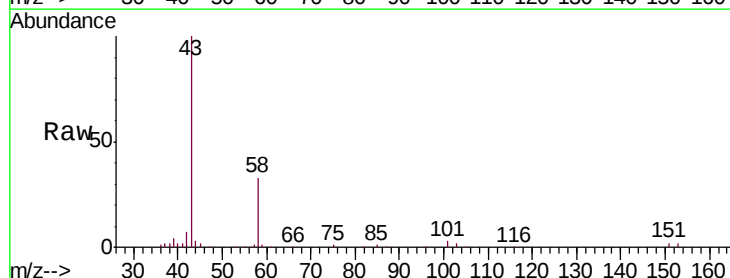
Acq: 14 Jan 2019 13:17

Tgt Ion: 43 Resp: 202670

Ion Ratio Lower Upper

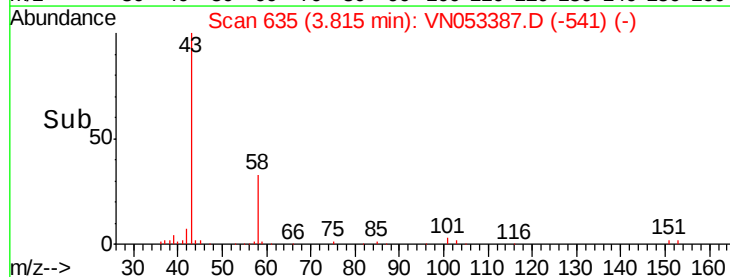
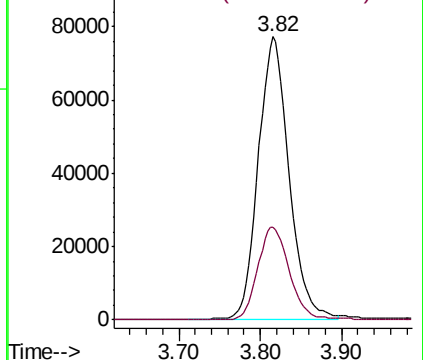
43 100

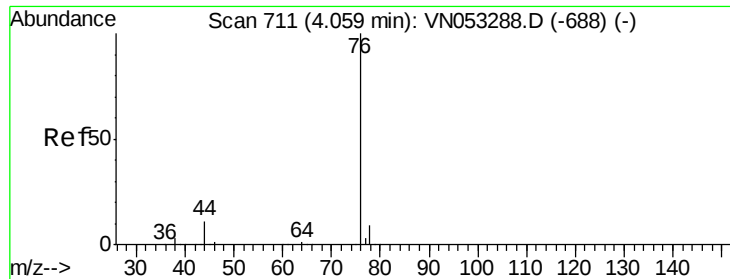
58 32.7 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

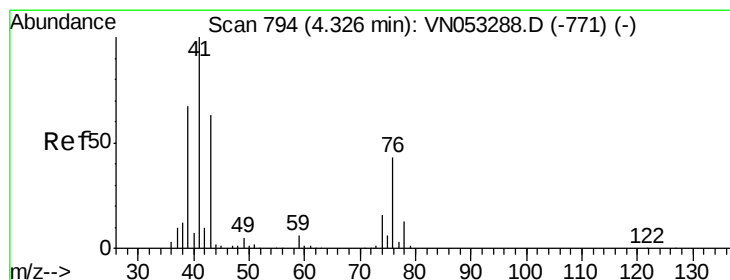
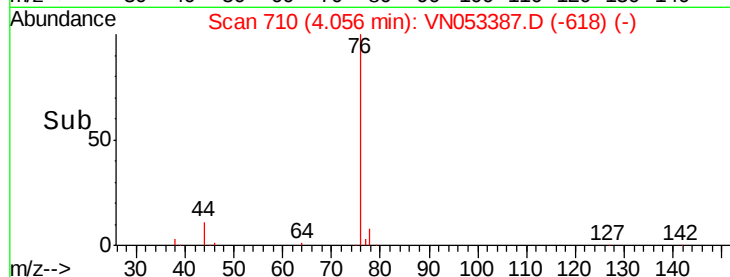
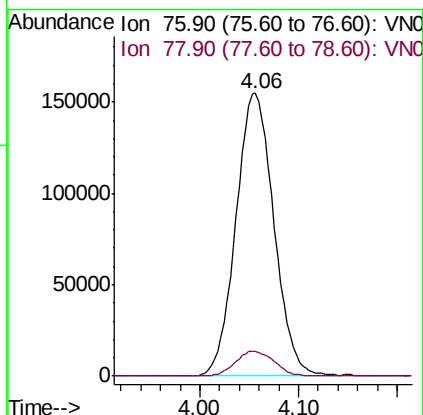
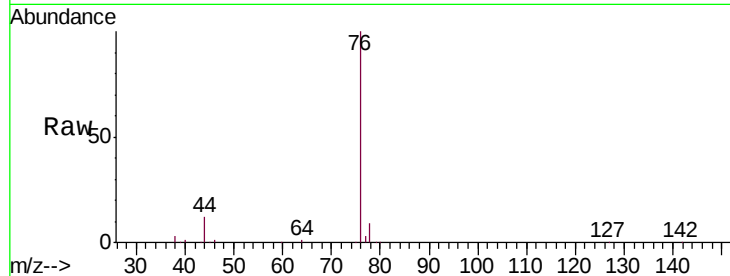




#17
Carbon Disulfide
Concen: 17.126 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.00 min
Lab File: VN053387.D
Acq: 14 Jan 2019 13:17

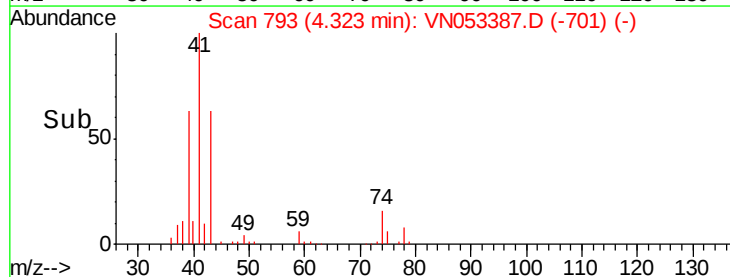
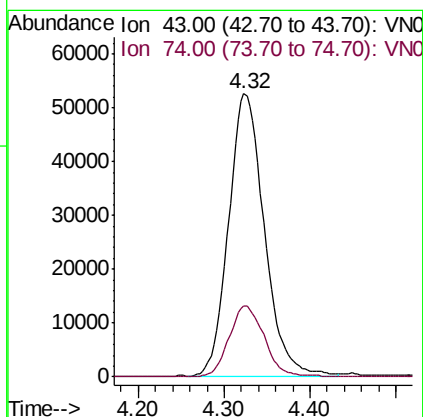
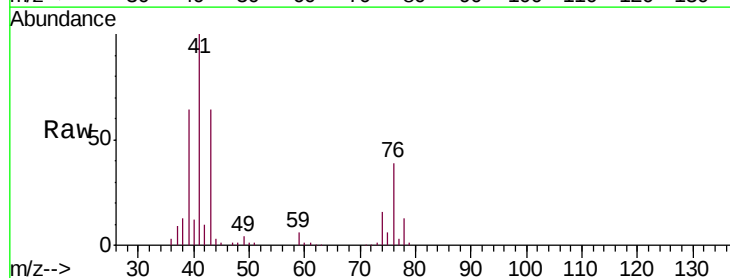
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01

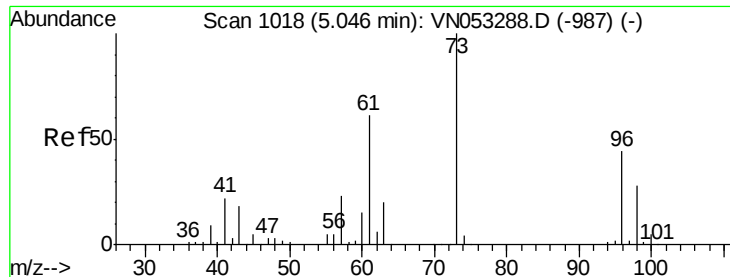
Tgt Ion: 76 Resp: 413141
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 19.168 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN053387.D
Acq: 14 Jan 2019 13:17

Tgt Ion: 43 Resp: 151354
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.8

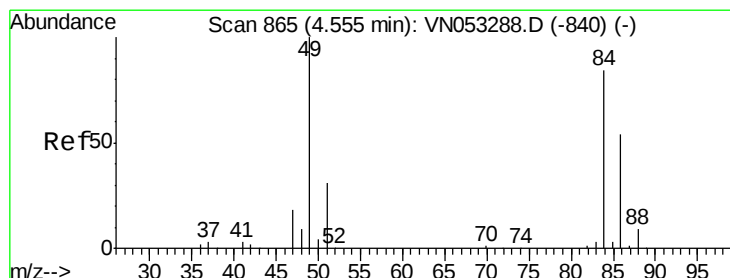
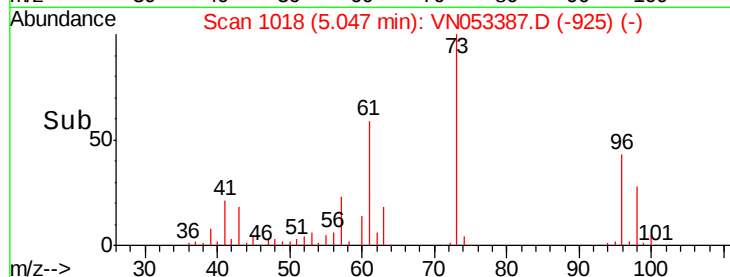
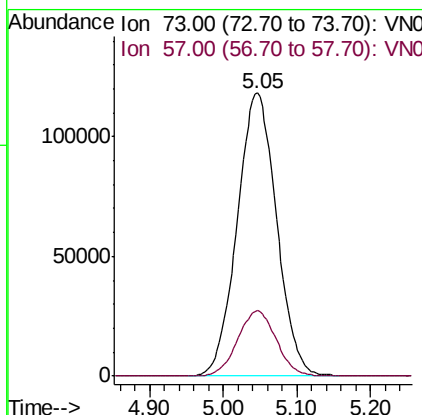
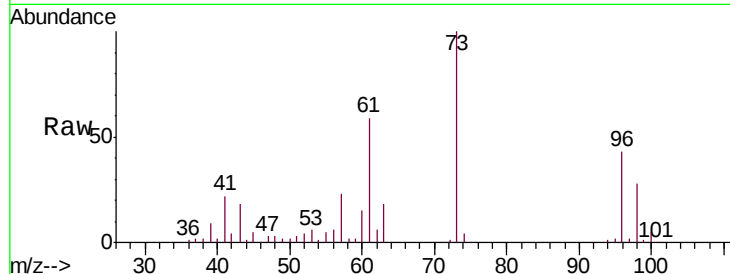




#19
Methyl tert-butyl Ether
Concen: 20.008 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053387.D
Acq: 14 Jan 2019 13:17

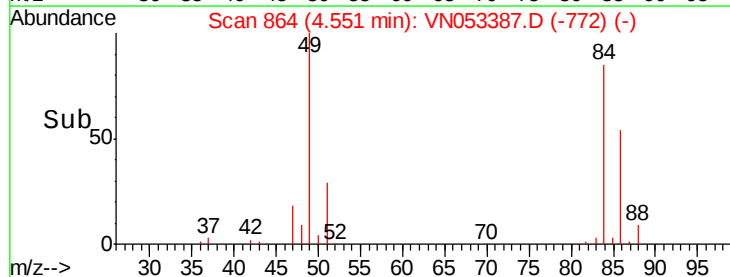
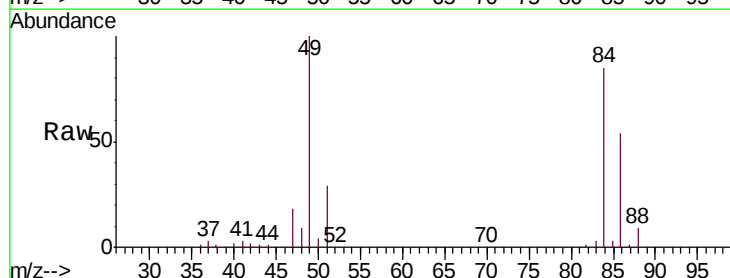
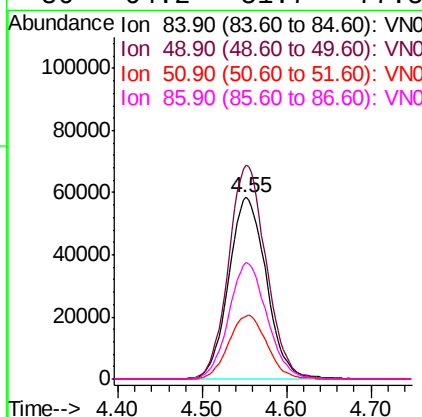
Instrument :
MSVOA_N
ClientSampled :
VN0114WBSD01

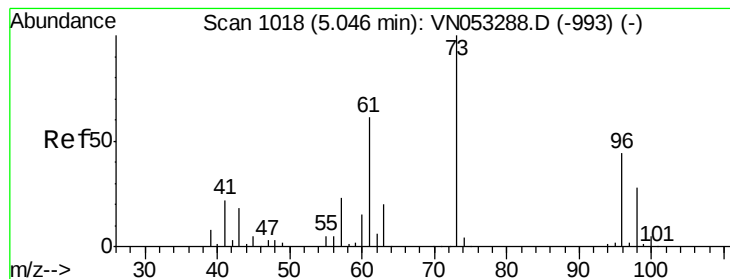
Tgt Ion: 73 Resp: 439384
Ion Ratio Lower Upper
73 100
57 23.0 18.5 27.7



#20
Methylene Chloride
Concen: 19.380 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053387.D
Acq: 14 Jan 2019 13:17

Tgt Ion: 84 Resp: 181599
Ion Ratio Lower Upper
84 100
49 117.5 95.3 142.9
51 34.8 29.0 43.6
86 64.2 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 19.800 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0114WBSD01

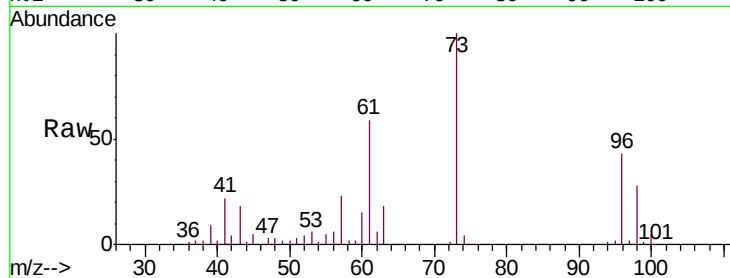
Tgt Ion: 96 Resp: 166353

Ion Ratio Lower Upper

96 100

61 136.1 110.2 165.4

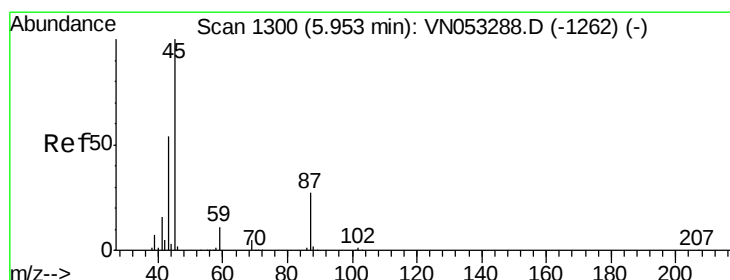
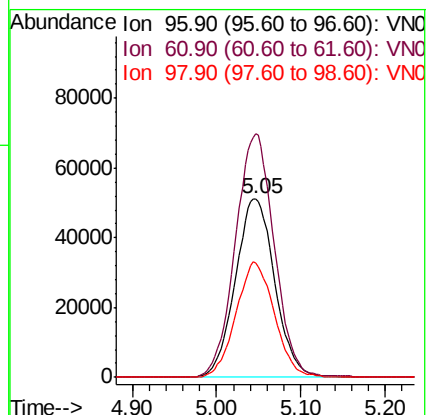
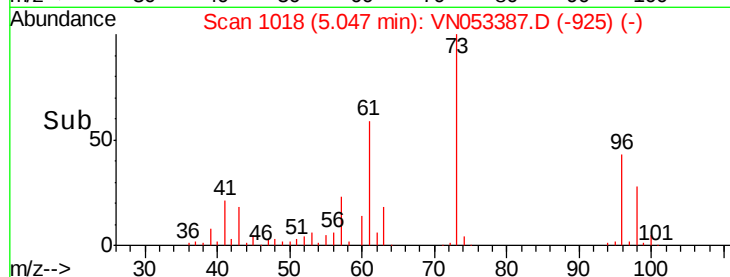
98 64.1 50.7 76.1



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: 20.479 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Tgt Ion: 45 Resp: 556392

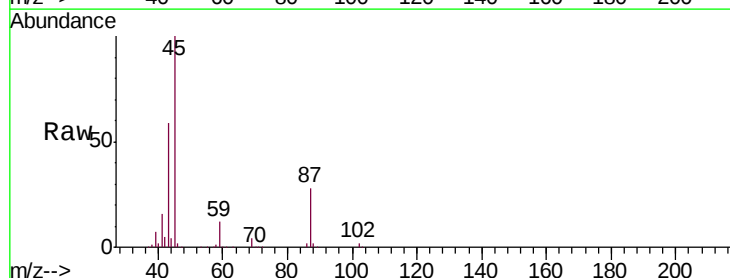
Ion Ratio Lower Upper

45 100

43 58.2 43.0 64.6

87 28.5 22.1 33.1

59 11.8 9.0 13.4

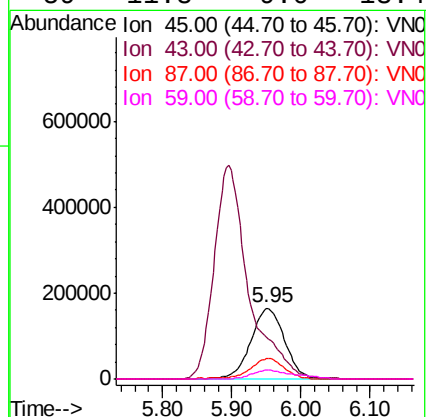
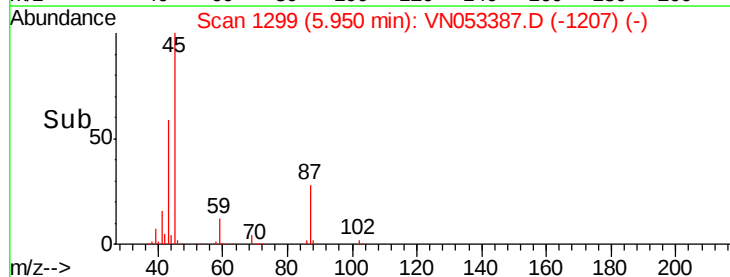


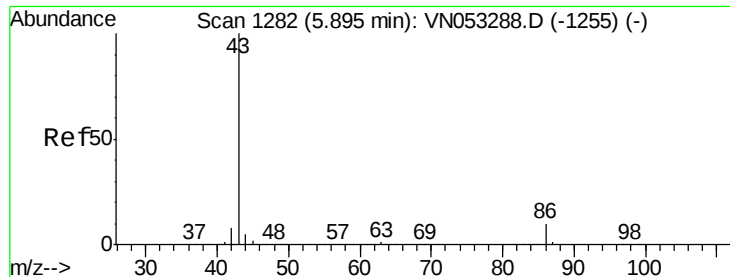
Abundance Ion 45.00 (44.70 to 45.70): VN0

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

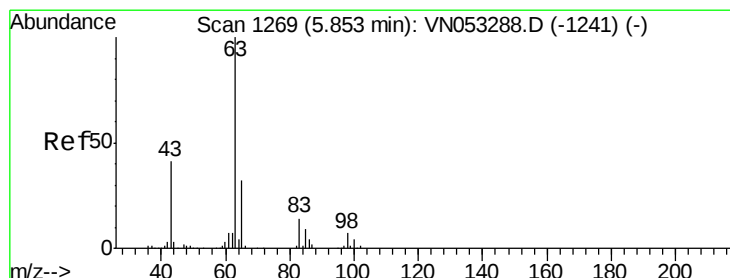
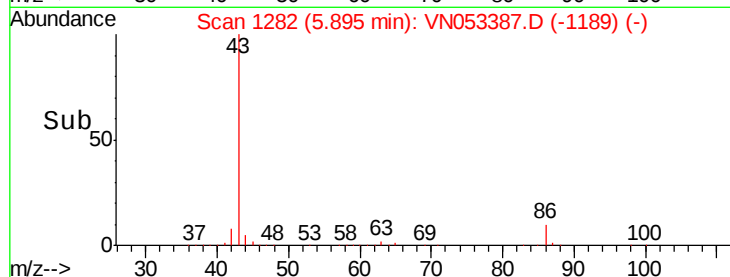
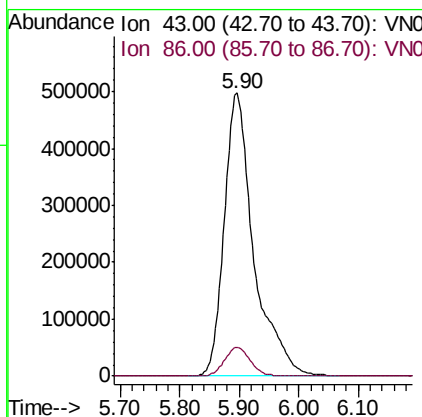
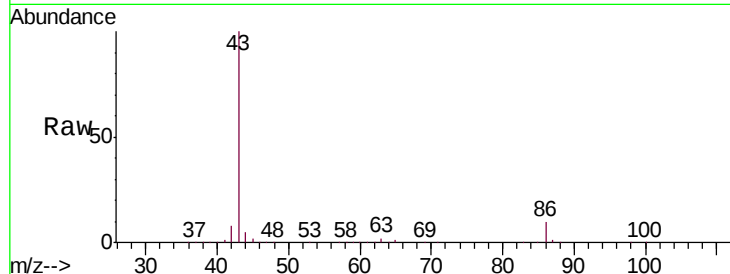




#23
 Vinyl Acetate
 Concen: 100.533 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

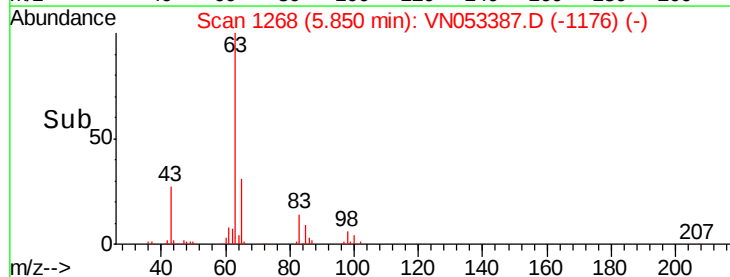
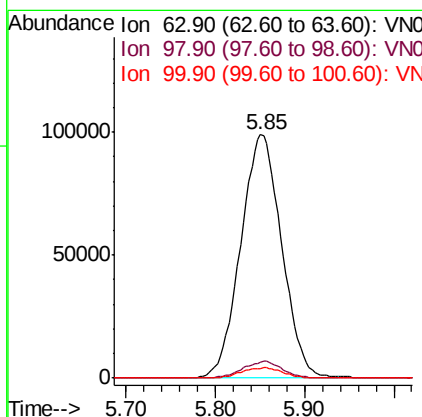
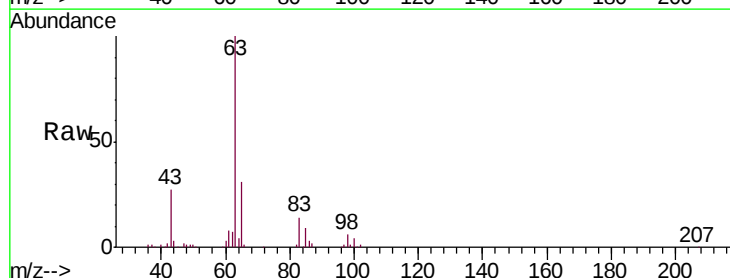
Instrument :
 MSVOA_N
 ClientSampled :
 VN0114WBSD01

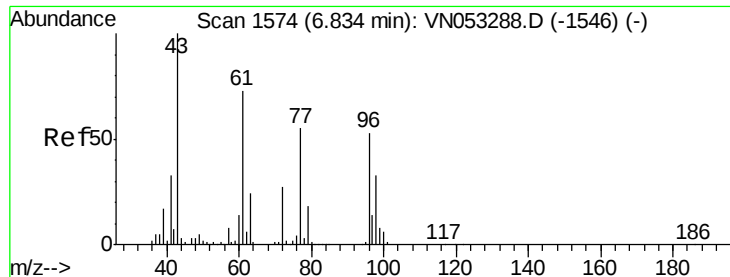
Tgt Ion: 43 Resp: 1718612
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 20.182 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

Tgt Ion: 63 Resp: 316240
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 4.1 2.1 6.5

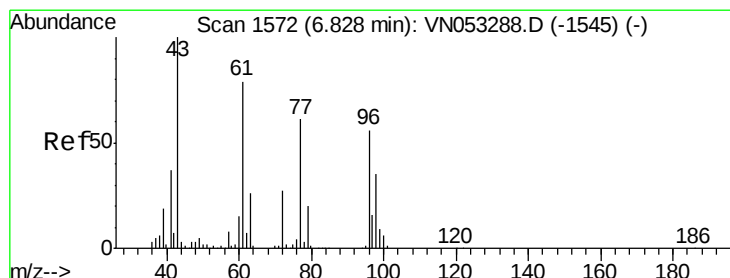
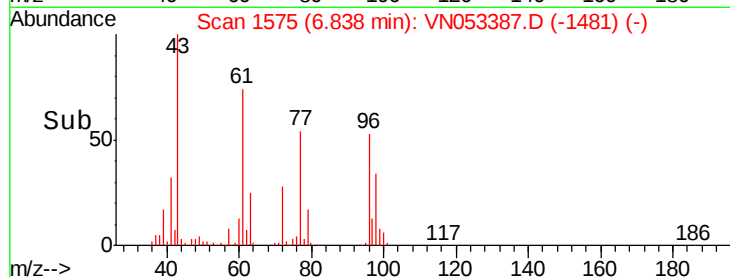
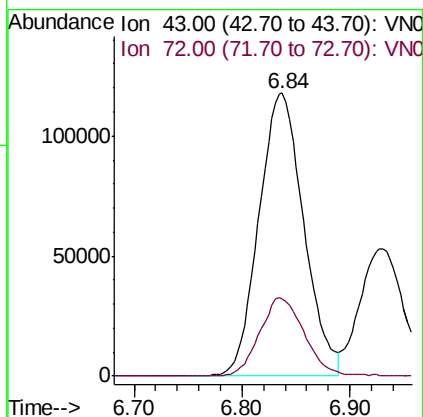
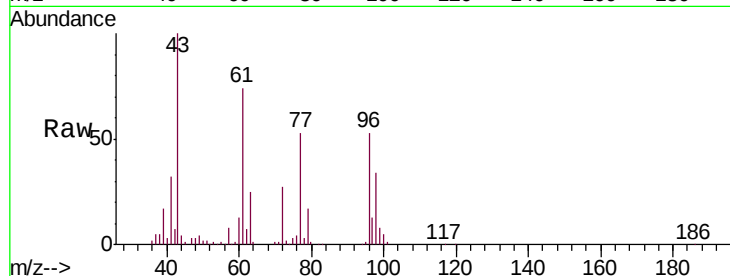




#25
2-Butanone
Concen: 94.870 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053387.D
Acq: 14 Jan 2019 13:17

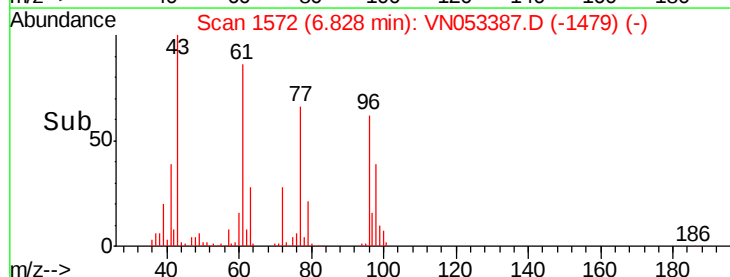
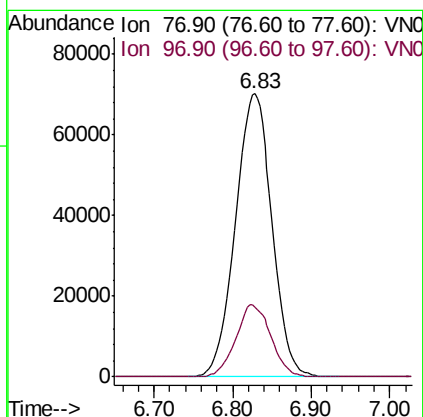
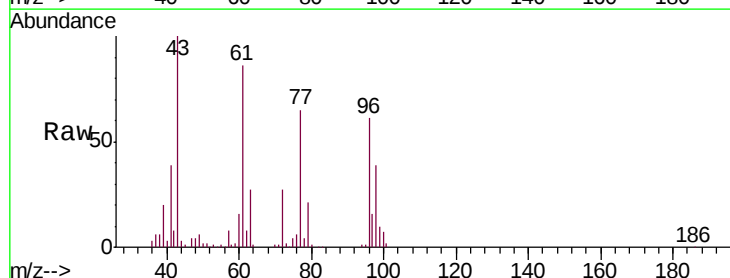
Instrument :
MSVOA_N
ClientSampled :
VN0114WBSD01

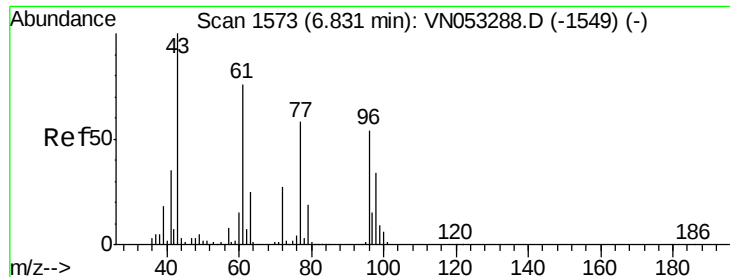
Tgt Ion: 43 Resp: 339578
Ion Ratio Lower Upper
43 100
72 27.5 22.0 33.0



#26
2,2-Dichloropropane
Concen: 19.909 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN053387.D
Acq: 14 Jan 2019 13:17

Tgt Ion: 77 Resp: 228050
Ion Ratio Lower Upper
77 100
97 24.5 12.3 36.9

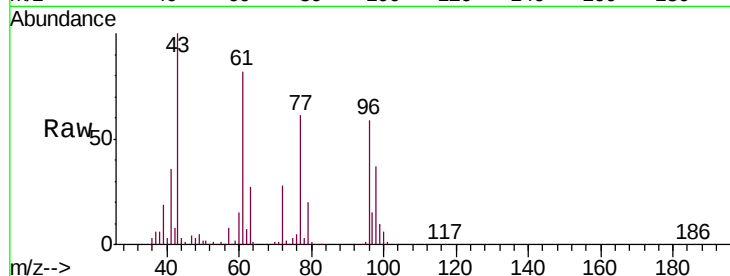




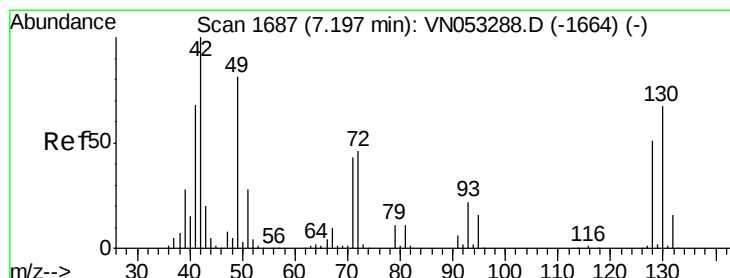
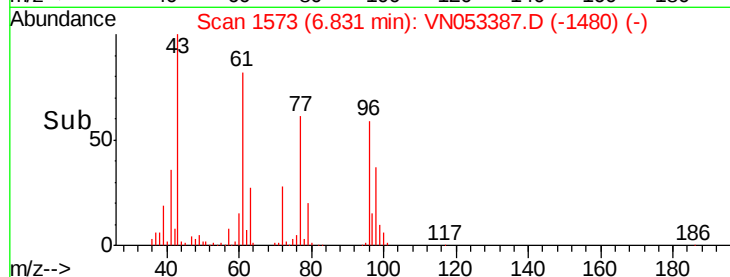
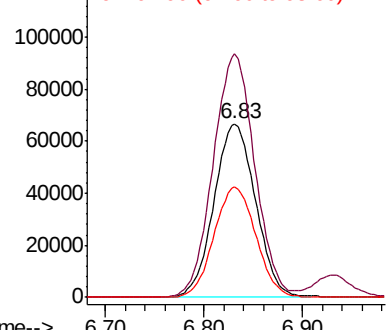
#27
 cis-1,2-Dichloroethene
 Concen: 20.271 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBSD01

Tgt Ion: 96 Resp: 194485
 Ion Ratio Lower Upper
 96 100
 61 140.6 0.0 280.6
 98 64.0 0.0 127.6

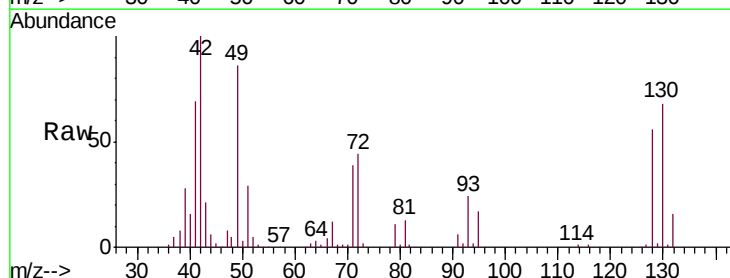


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

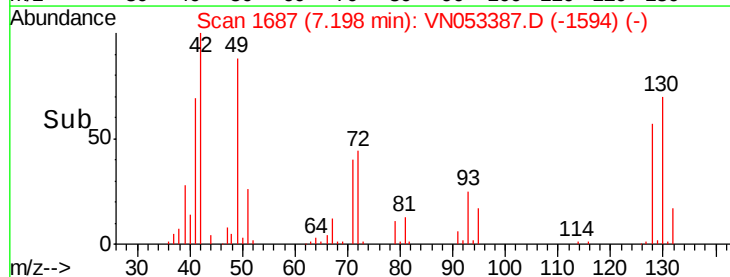
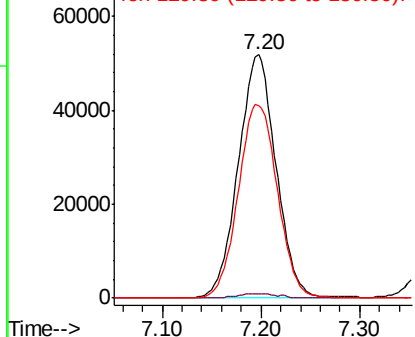


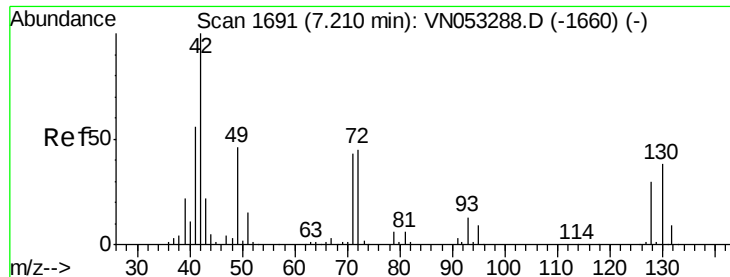
#28
 Bromochloromethane
 Concen: 20.627 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

Tgt Ion: 49 Resp: 137738
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 82.4 65.4 98.0



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

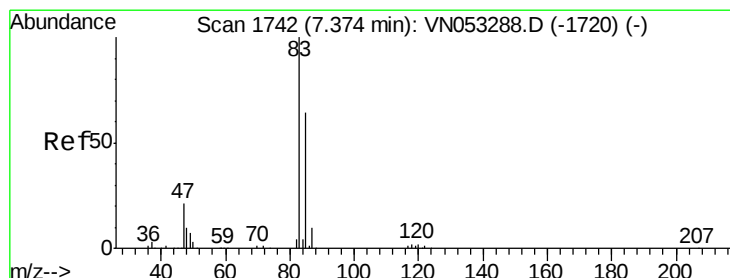
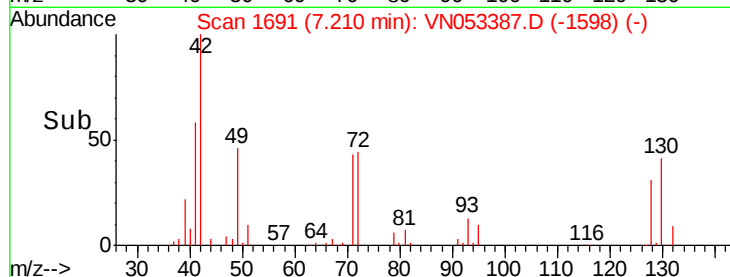
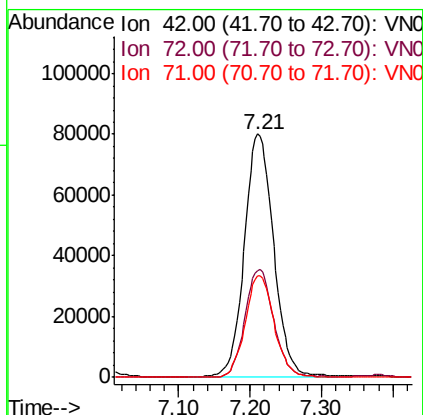
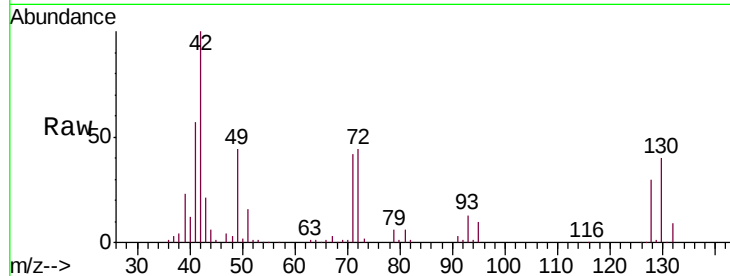




#29
Tetrahydrofuran
Concen: 97.417 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053387.D
Acq: 14 Jan 2019 13:17

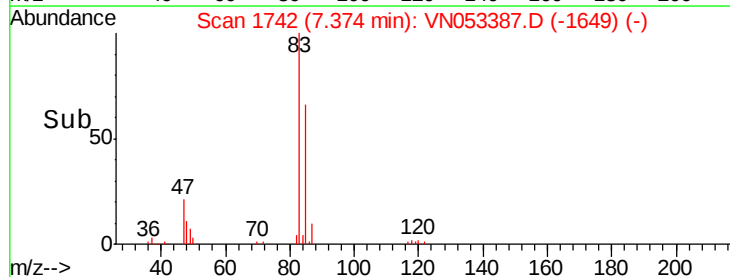
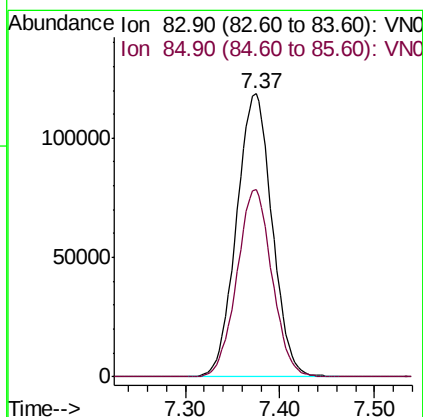
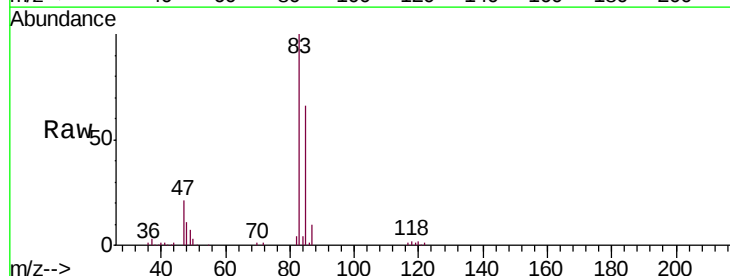
Instrument :
MSVOA_N
ClientSampled :
VN0114WBSD01

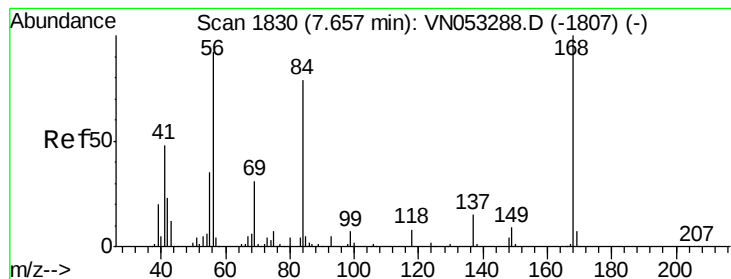
Tgt Ion: 42 Resp: 230106
Ion Ratio Lower Upper
42 100
72 43.3 35.6 53.4
71 40.8 33.8 50.8



#30
Chloroform
Concen: 20.074 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053387.D
Acq: 14 Jan 2019 13:17

Tgt Ion: 83 Resp: 309611
Ion Ratio Lower Upper
83 100
85 66.0 51.3 76.9





#31

Cyclohexane

Concen: 20.018 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0114WBSD01

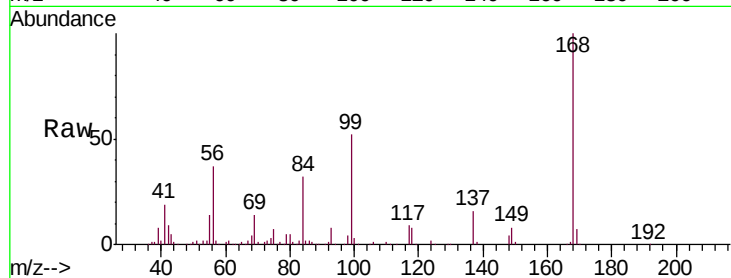
Tgt Ion: 56 Resp: 299813

Ion Ratio Lower Upper

56 100

69 37.9 26.7 40.1

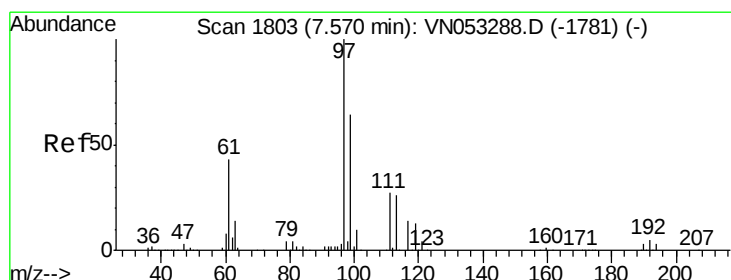
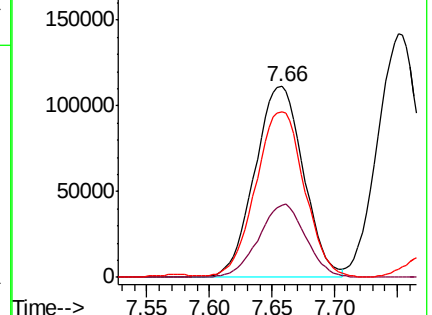
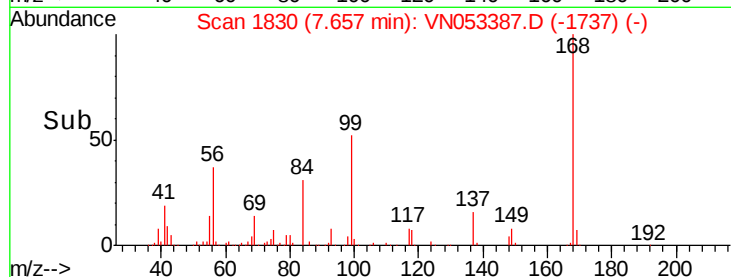
84 86.0 68.2 102.4



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: 20.113 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

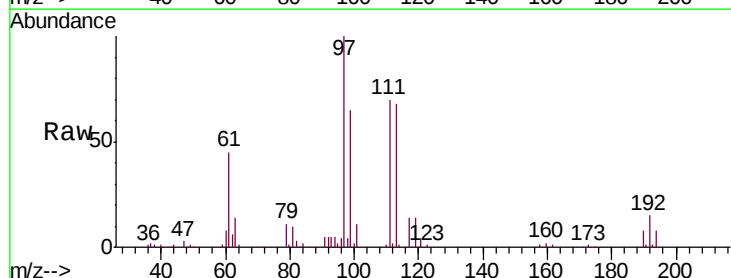
Tgt Ion: 97 Resp: 258501

Ion Ratio Lower Upper

97 100

99 64.9 51.6 77.4

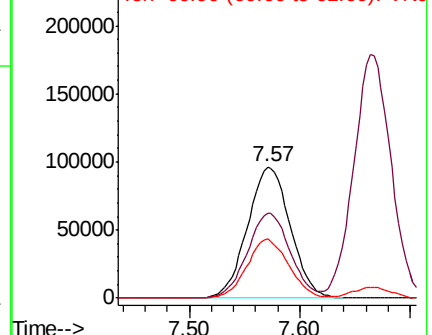
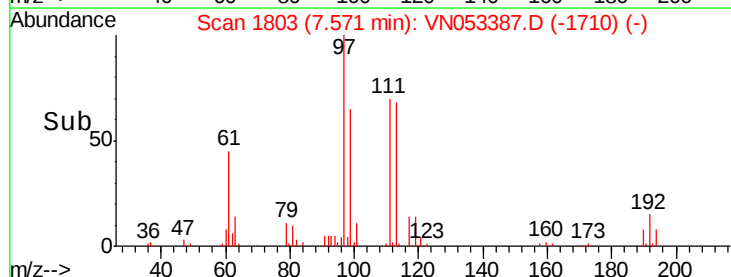
61 44.2 34.6 52.0

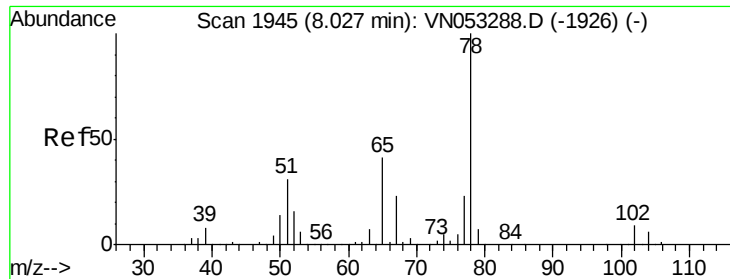


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

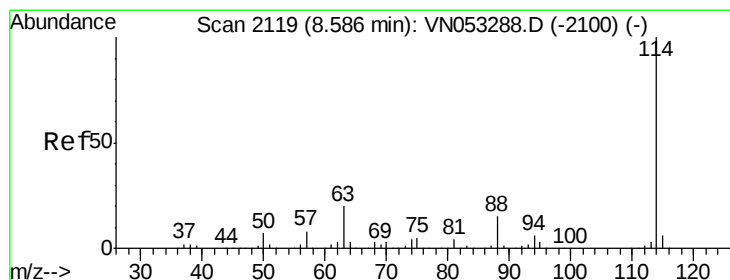
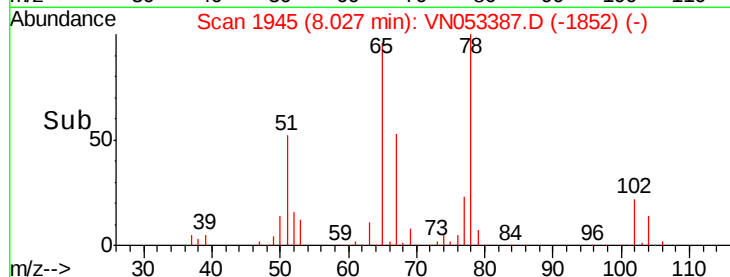
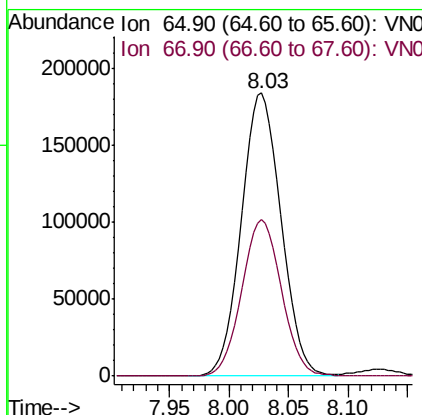
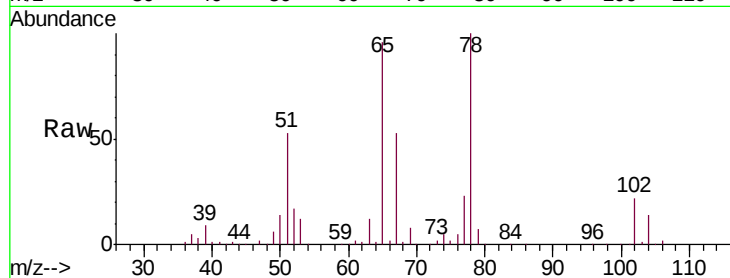




#33
 1,2-Dichloroethane-d4
 Concen: 20.113 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

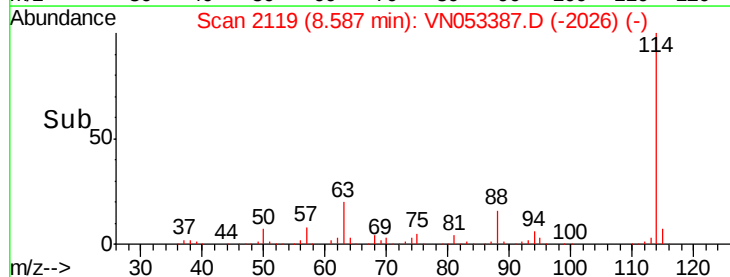
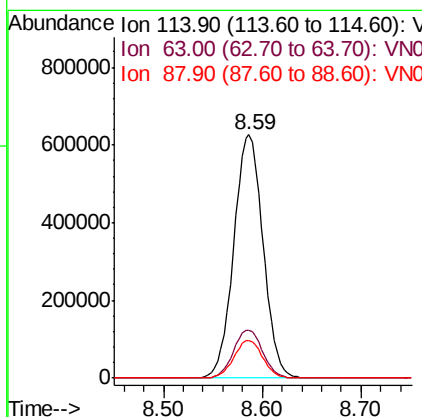
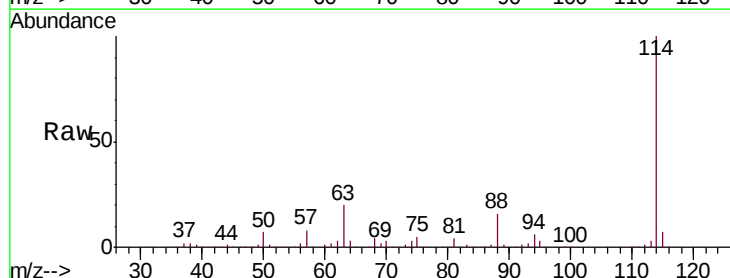
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBSD01

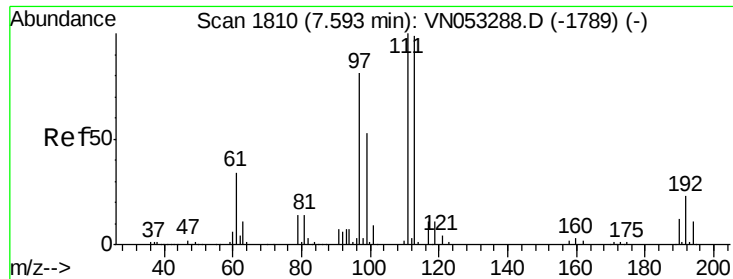
Tgt Ion: 65 Resp: 426057
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

Tgt Ion: 114 Resp: 1292325
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.7 0.0 30.8

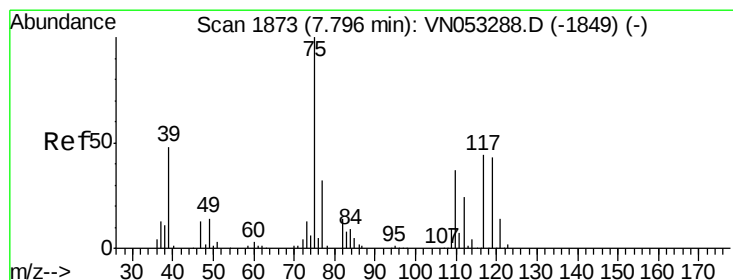
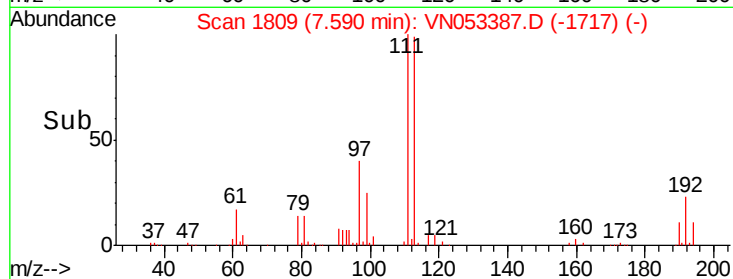
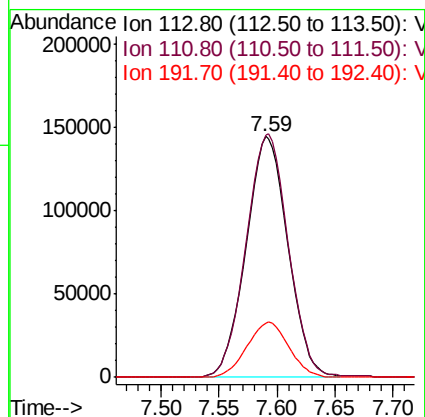
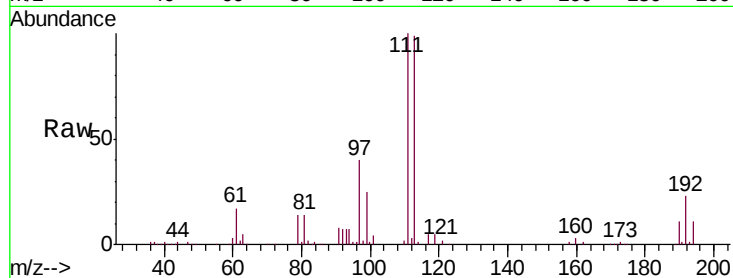




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

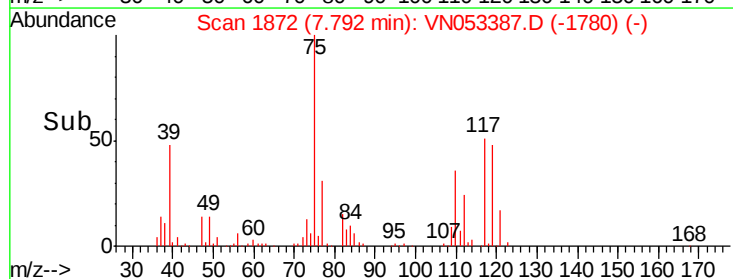
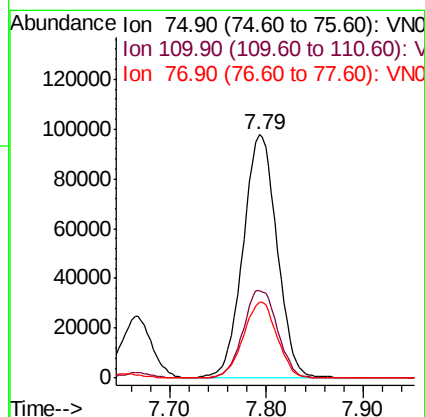
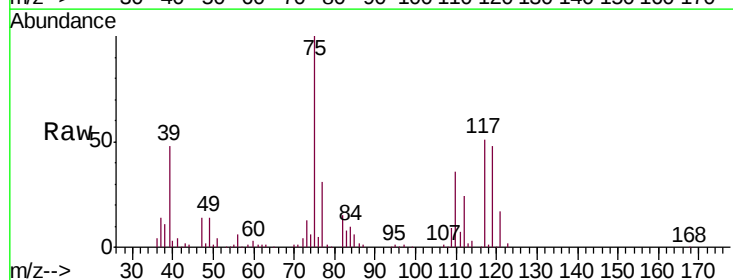
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBSD01

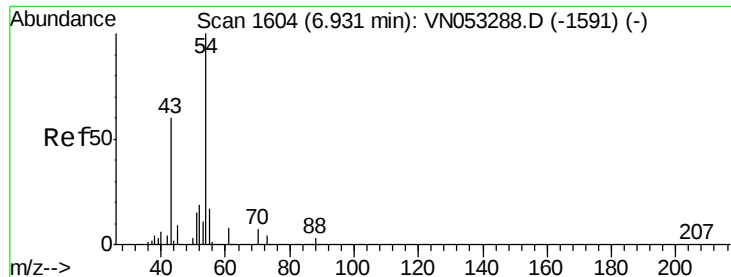
Tgt Ion: 113 Resp: 362577
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.4 122.2
 192 22.9 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 19.697 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

Tgt Ion: 75 Resp: 237642
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.4 55.0
 77 31.3 25.3 37.9

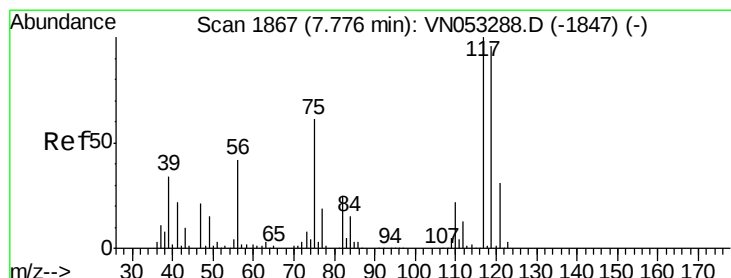
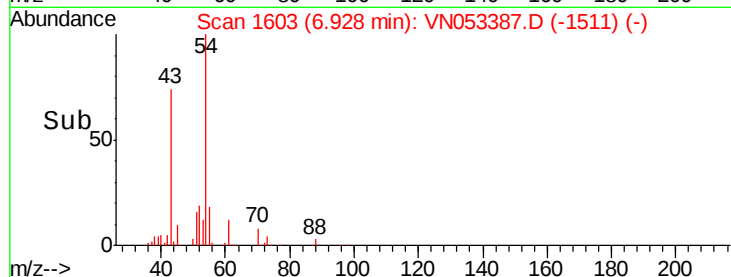
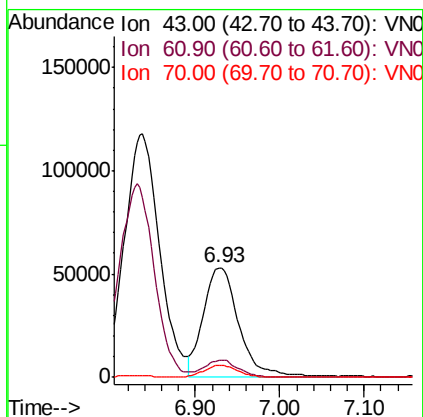
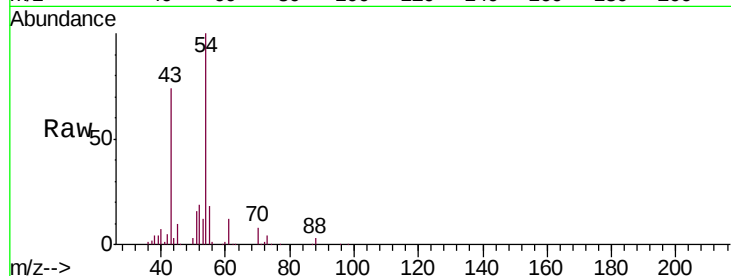




#37
 Ethyl Acetate
 Concen: 19.588 ug/l
 RT: 6.93 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

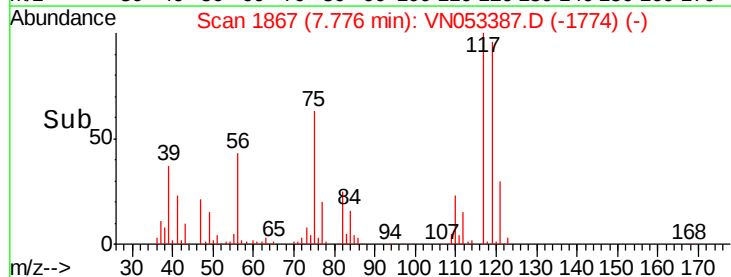
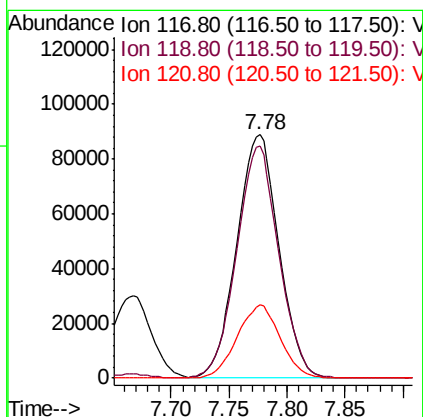
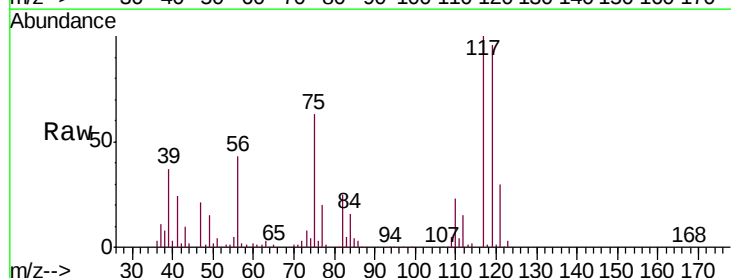
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBSD01

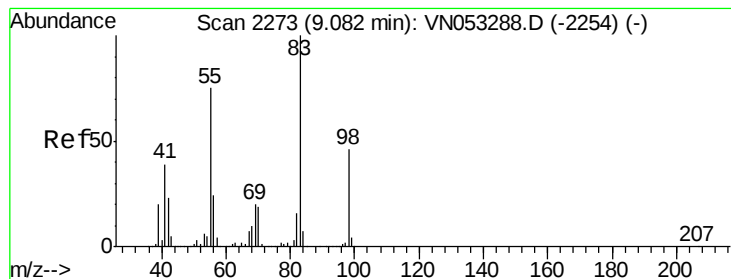
Tgt Ion: 43 Resp: 153930
 Ion Ratio Lower Upper
 43 100
 61 14.7 11.9 17.9
 70 10.6 8.6 13.0



#38
 Carbon Tetrachloride
 Concen: 20.197 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

Tgt Ion: 117 Resp: 224908
 Ion Ratio Lower Upper
 117 100
 119 95.3 76.6 115.0
 121 30.1 25.0 37.4





#39

Methylcyclohexane

Concen: 20.877 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Instrument :

MSVOA_N

ClientSampled :

VN0114WBSD01

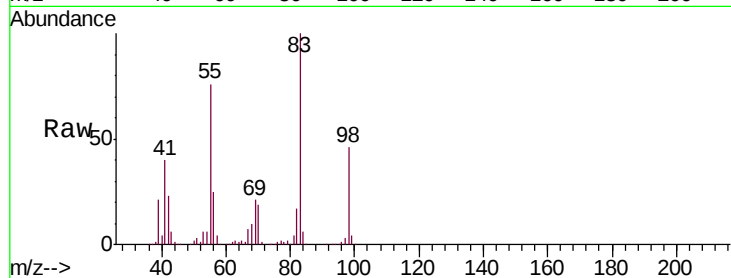
Tgt Ion: 83 Resp: 291805

Ion Ratio Lower Upper

83 100

55 75.8 60.1 90.1

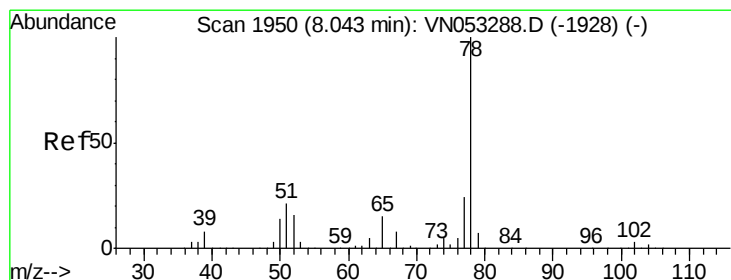
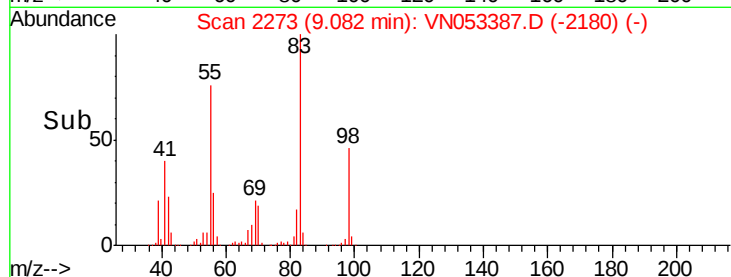
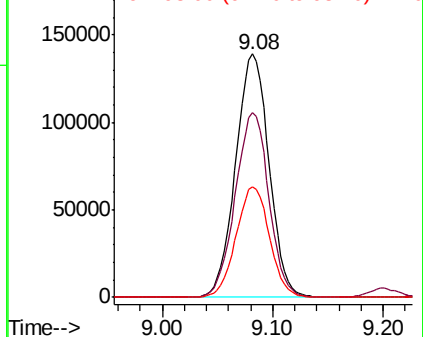
98 45.6 36.7 55.1



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: 19.878 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN053387.D

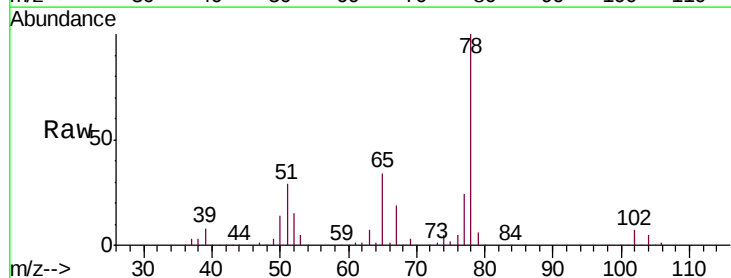
Acq: 14 Jan 2019 13:17

Tgt Ion: 78 Resp: 732559

Ion Ratio Lower Upper

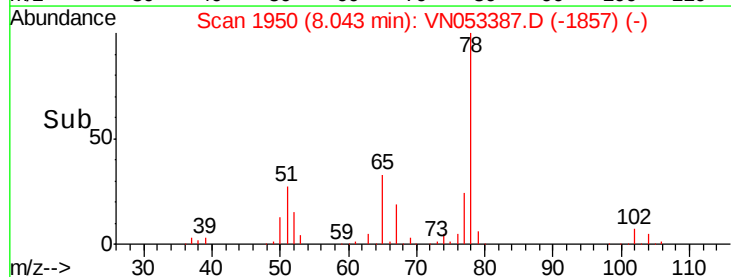
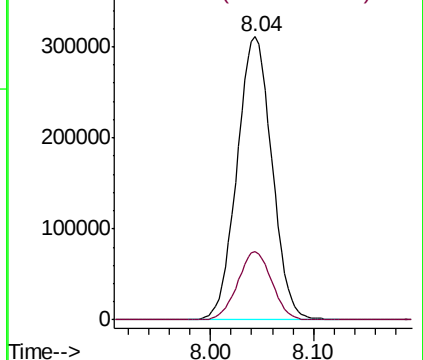
78 100

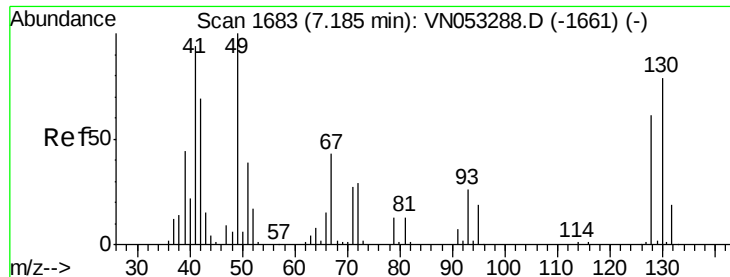
77 24.2 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 17.703 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.01 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0114WBSD01

Tgt Ion: 41 Resp: 86368

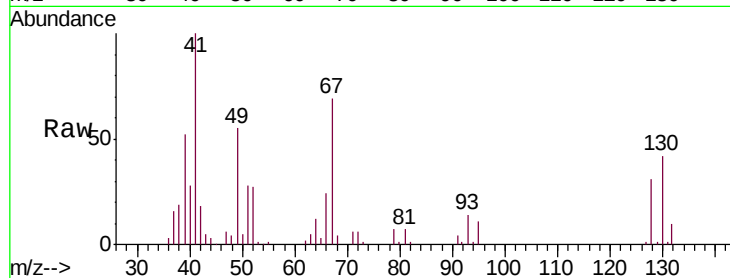
Ion Ratio Lower Upper

41 100

39 63.9 0.0 0.0#

67 82.7 0.0 0.0#

52 33.2 0.0 0.0#

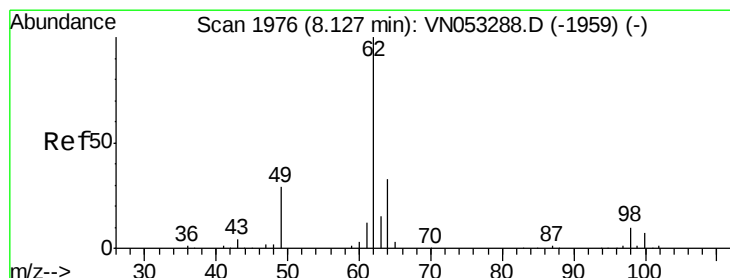
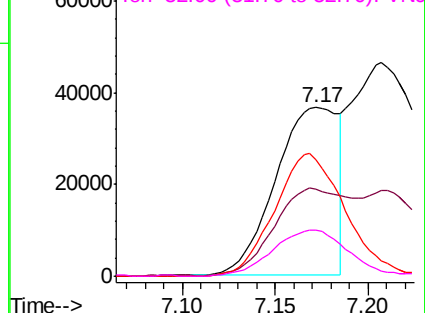
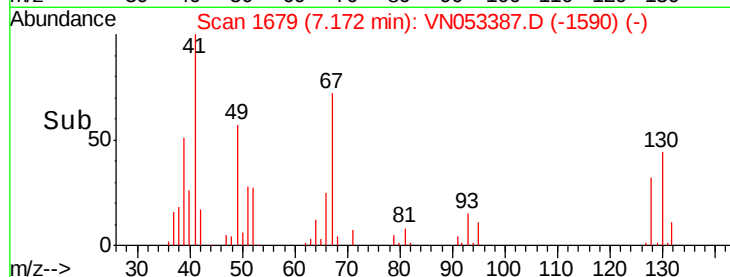


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 20.100 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN053387.D

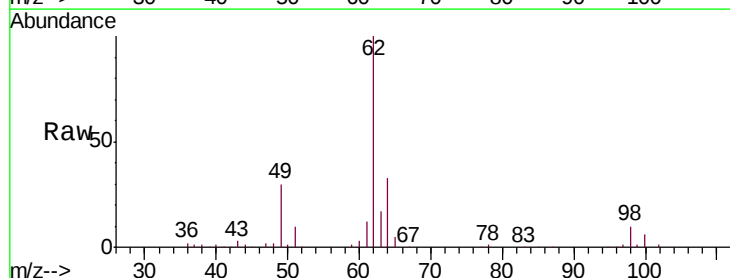
Acq: 14 Jan 2019 13:17

Tgt Ion: 62 Resp: 219725

Ion Ratio Lower Upper

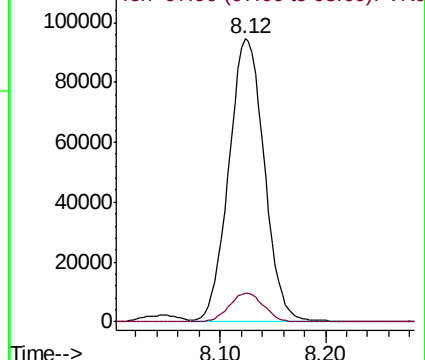
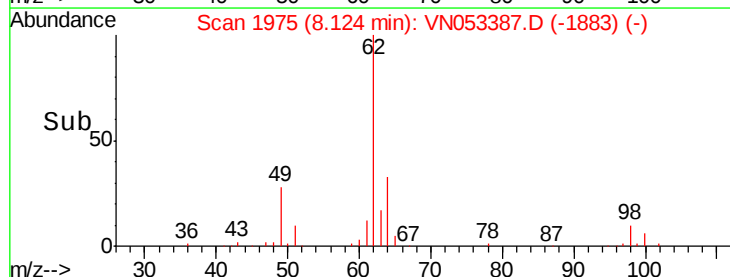
62 100

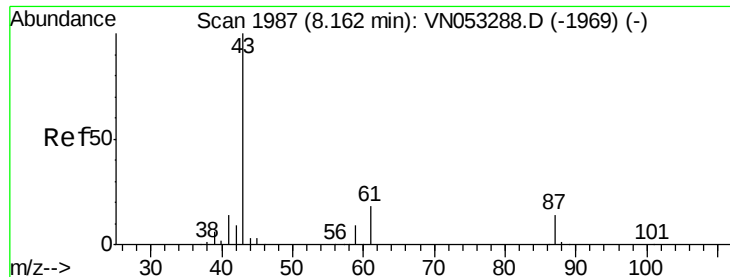
98 10.0 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 17.737 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0114WBSD01

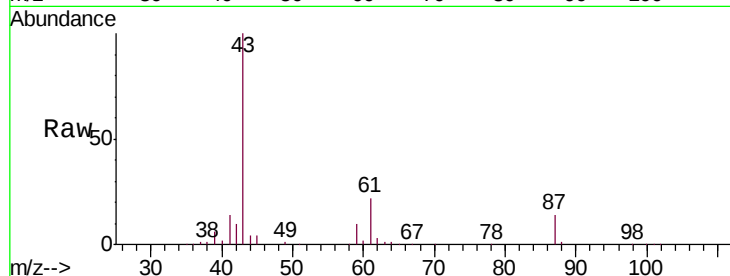
Tgt Ion: 43 Resp: 274206

Ion Ratio Lower Upper

43 100

61 30.1 23.3 34.9

87 13.6 10.8 16.2

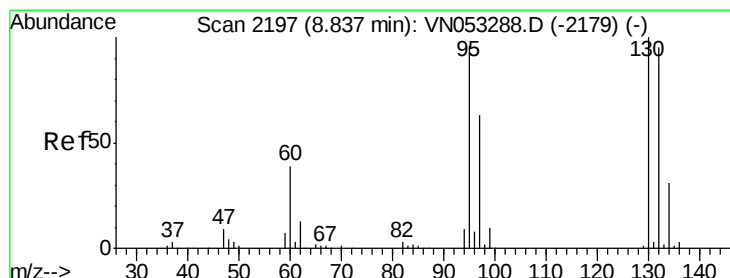
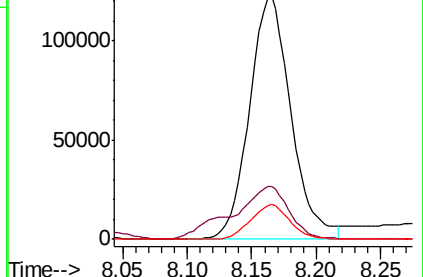
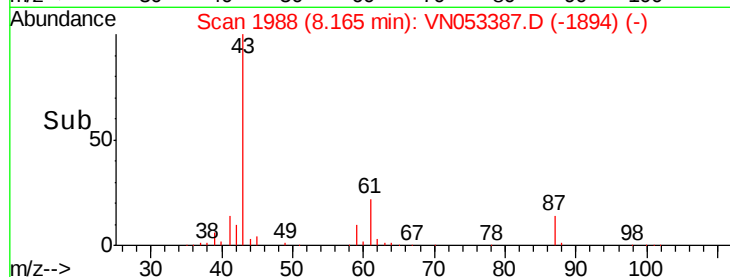


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

8.17



#44

Trichloroethene

Concen: 19.960 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN053387.D

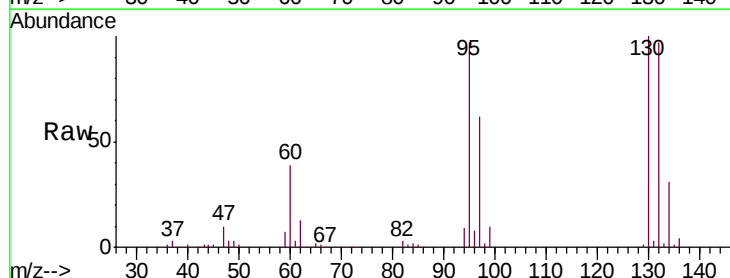
Acq: 14 Jan 2019 13:17

Tgt Ion:130 Resp: 201980

Ion Ratio Lower Upper

130 100

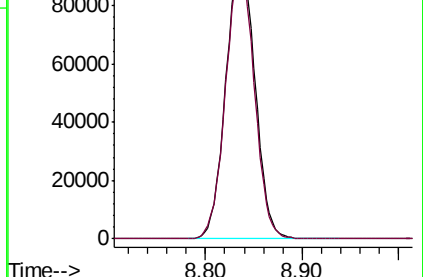
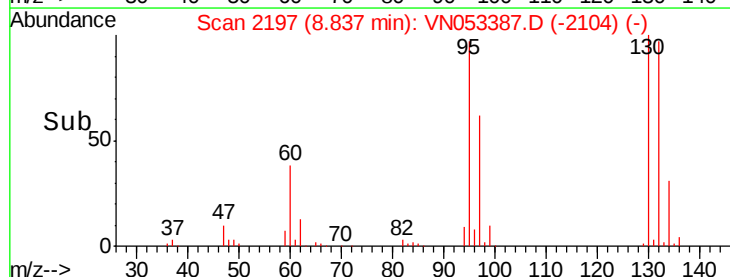
95 96.8 0.0 191.8

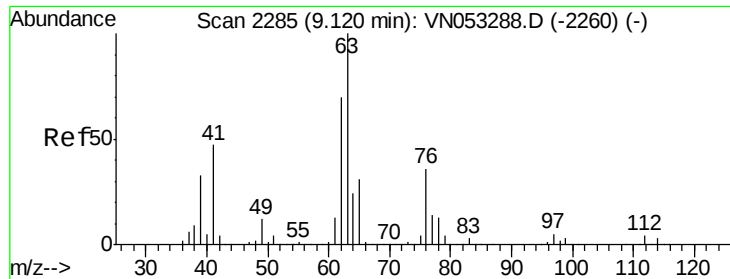


Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

8.84

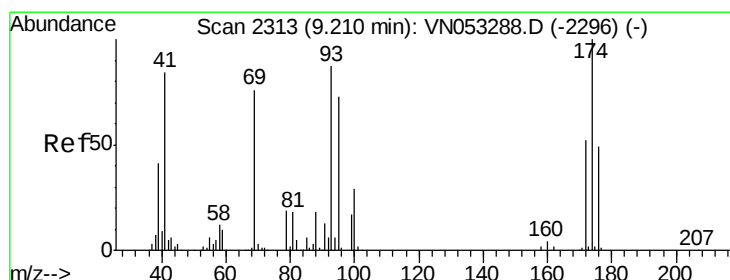
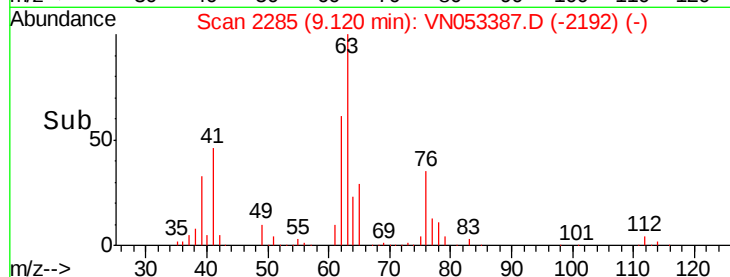
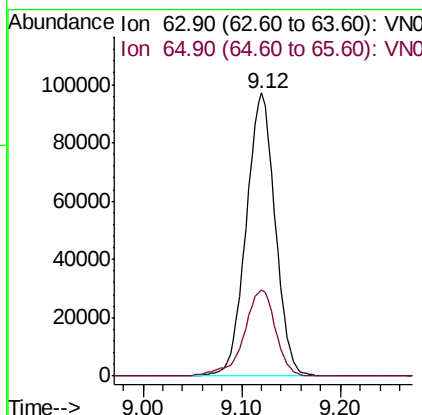
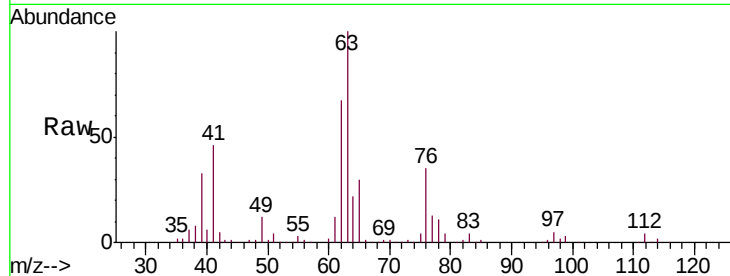




#45
 1,2-Dichloropropane
 Concen: 20.333 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

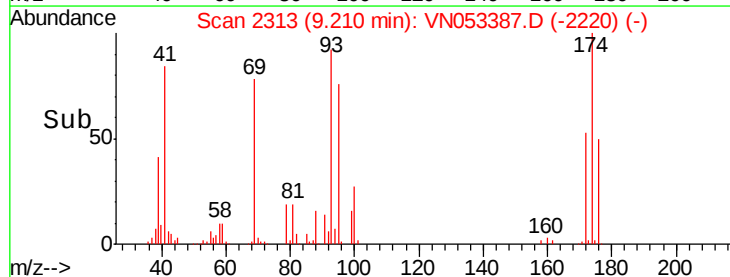
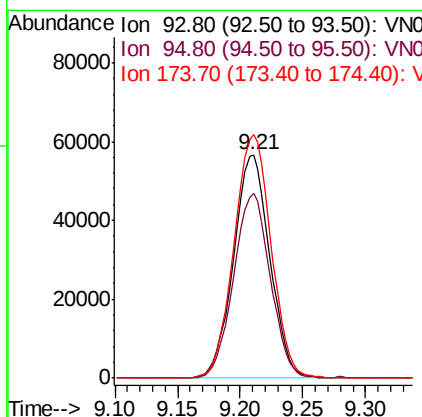
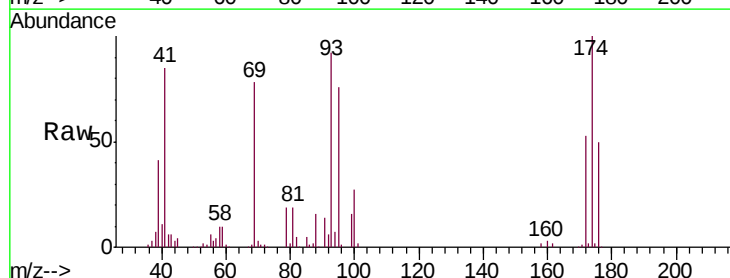
Instrument :
 MSVOA_N
 ClientSampled :
 VN0114WBSD01

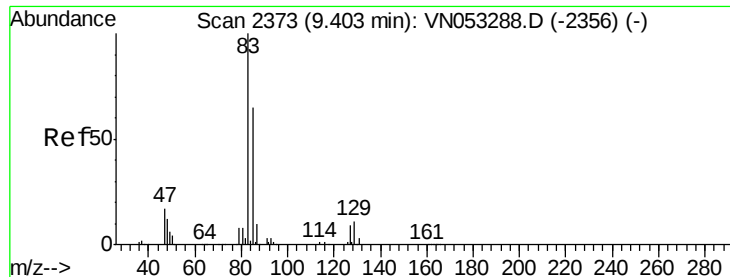
Tgt Ion: 63 Resp: 196529
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.0 37.6



#46
 Dibromomethane
 Concen: 20.196 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

Tgt Ion: 93 Resp: 113818
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.6 100.0
 174 111.6 91.4 137.0





#47

Bromodichloromethane

Concen: 19.846 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0114WBSD01

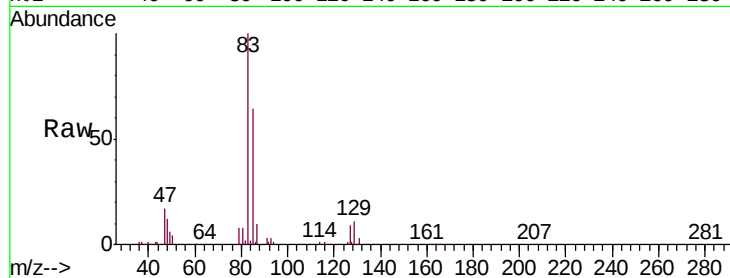
Tgt Ion: 83 Resp: 233087

Ion Ratio Lower Upper

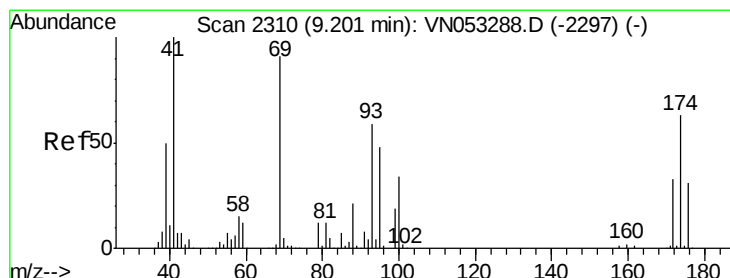
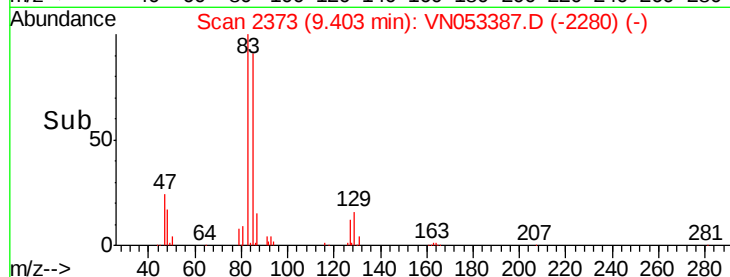
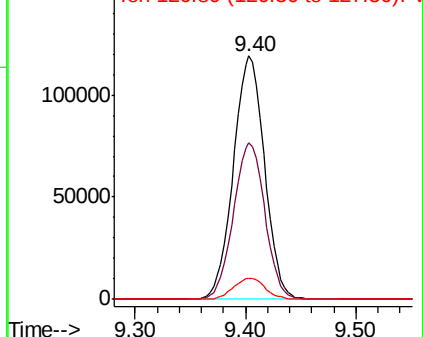
83 100

85 64.4 51.7 77.5

127 8.7 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.781 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

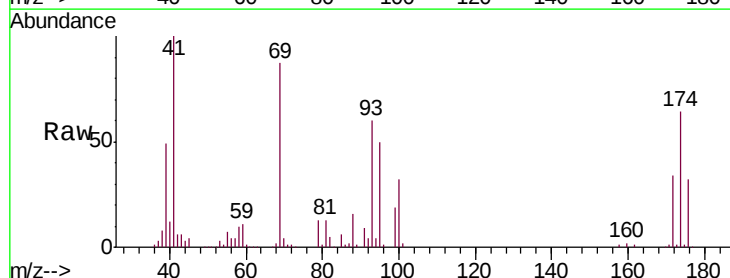
Tgt Ion: 41 Resp: 138935

Ion Ratio Lower Upper

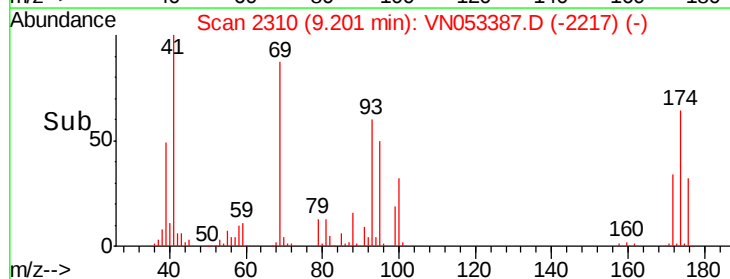
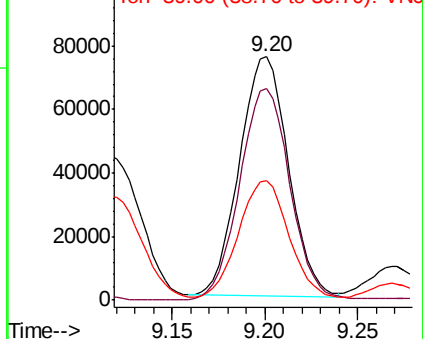
41 100

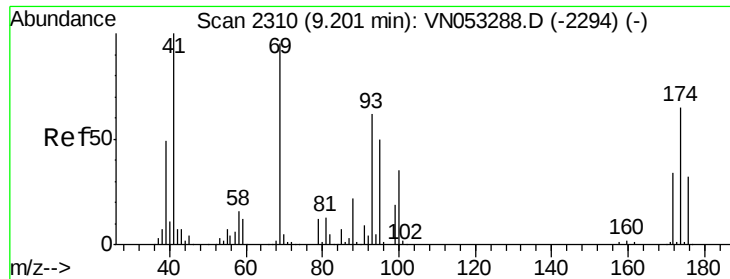
69 91.2 73.5 110.3

39 51.8 41.6 62.4



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 324.375 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0114WBSD01

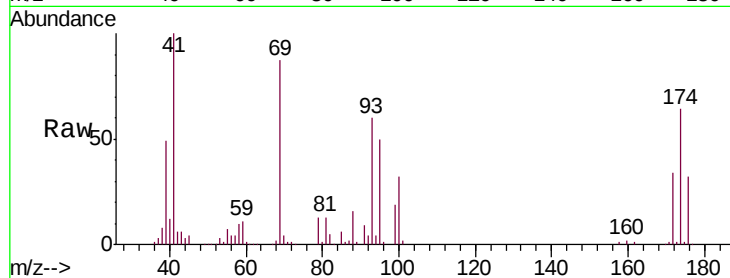
Tgt Ion: 88 Resp: 24273

Ion Ratio Lower Upper

88 100

43 34.6 26.2 39.4

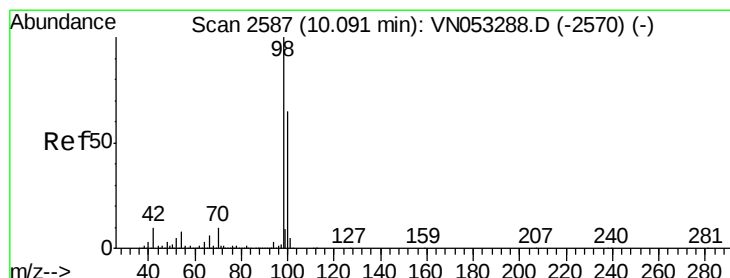
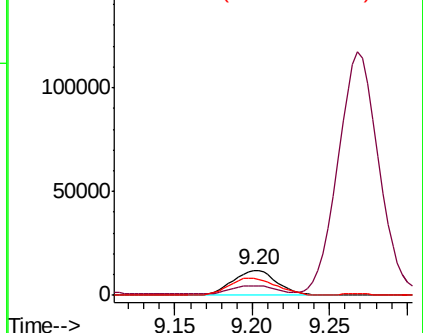
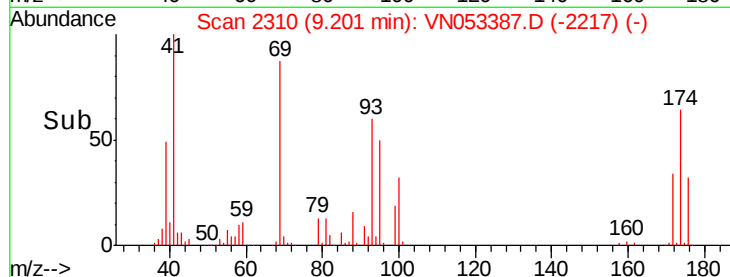
58 72.1 55.5 83.3



Abundance Ion 88.00 (87.70 to 88.70): VN053387.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN053387.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN053387.D (-2217) (-)



#50

Toluene-d8

Concen: 324.375 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053387.D

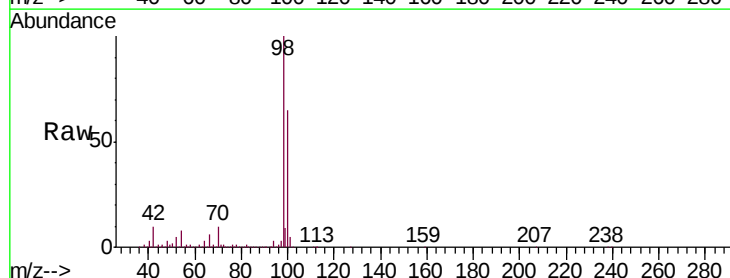
Acq: 14 Jan 2019 13:17

Tgt Ion: 98 Resp: 1517045

Ion Ratio Lower Upper

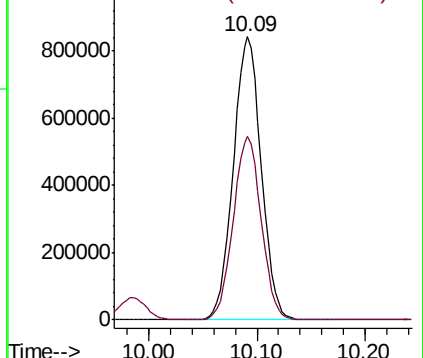
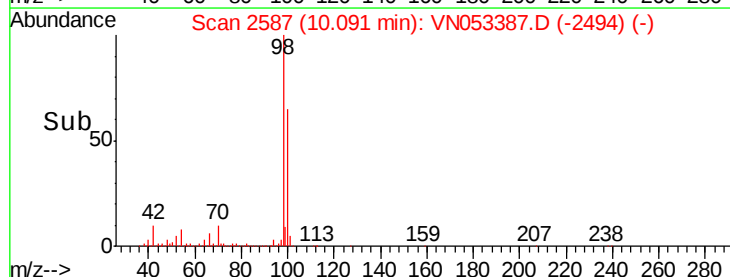
98 100

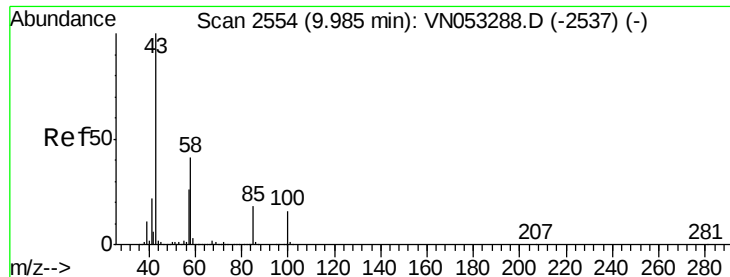
100 64.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN053387.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053387.D (-2494) (-)

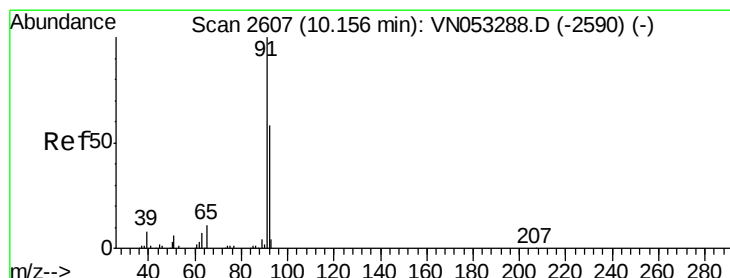
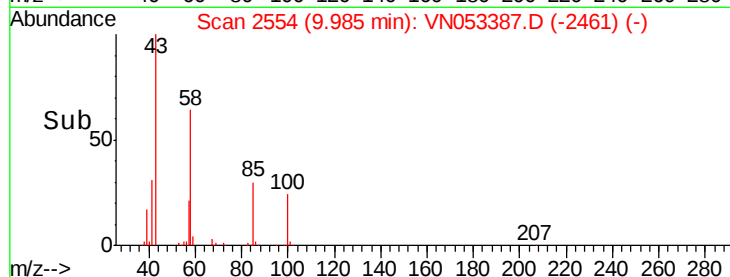
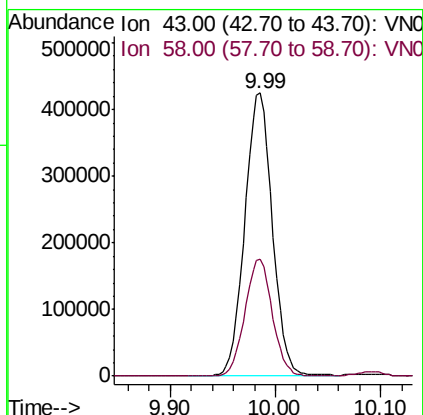
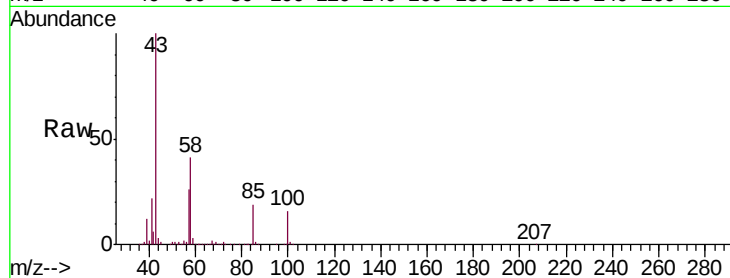




#51
 4-Methyl-2-Pentanone
 Concen: 99.214 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

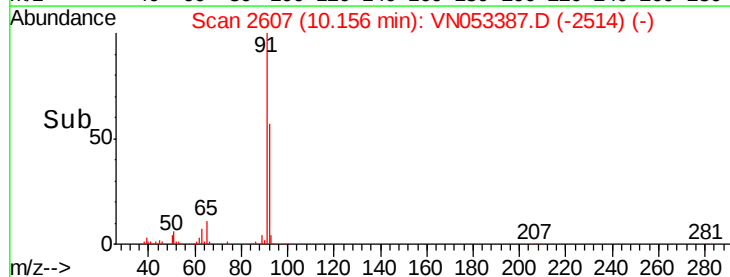
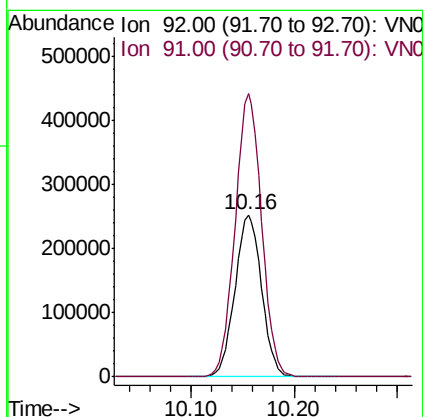
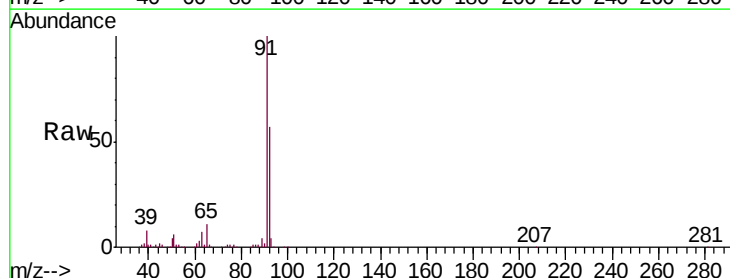
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBSD01

Tgt Ion: 43 Resp: 771321
 Ion Ratio Lower Upper
 43 100
 58 41.3 32.7 49.1



#52
 Toluene
 Concen: 20.147 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

Tgt Ion: 92 Resp: 455501
 Ion Ratio Lower Upper
 92 100
 91 173.7 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 20.061 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Instrument :

MSVOA_N

ClientSampled :

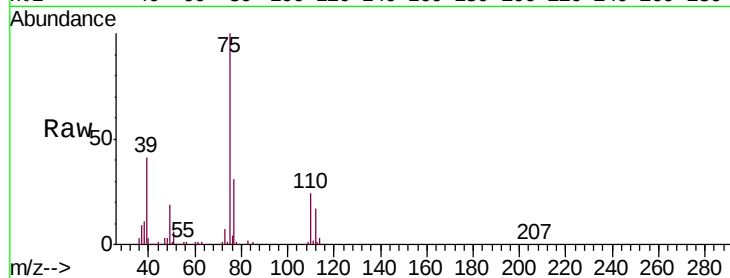
VN0114WBSD01

Tgt Ion: 75 Resp: 241023

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

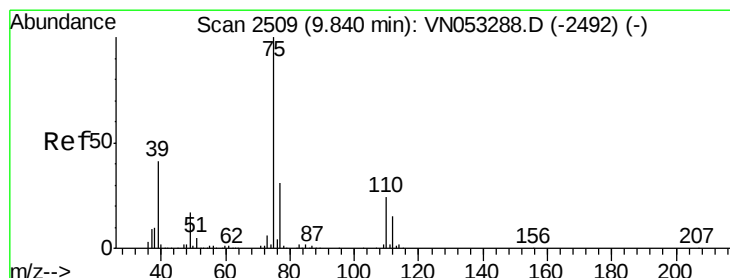
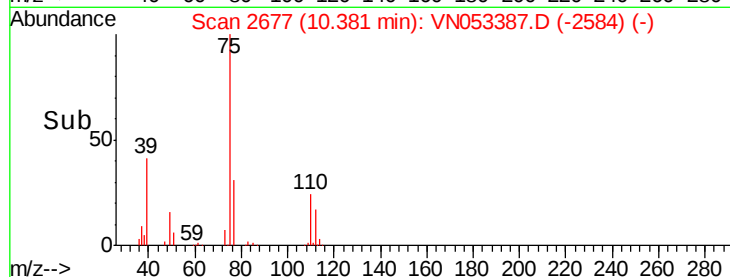
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.121 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

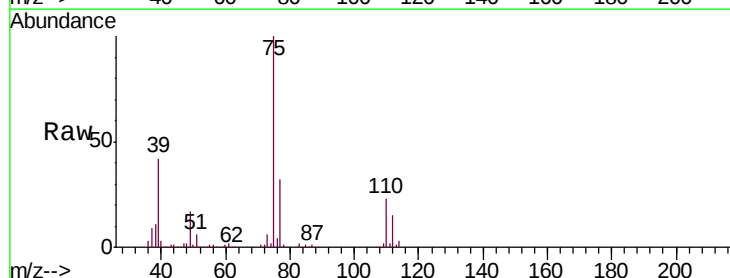
Tgt Ion: 75 Resp: 279354

Ion Ratio Lower Upper

75 100

77 32.5 25.1 37.7

39 41.7 33.1 49.7



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

200000

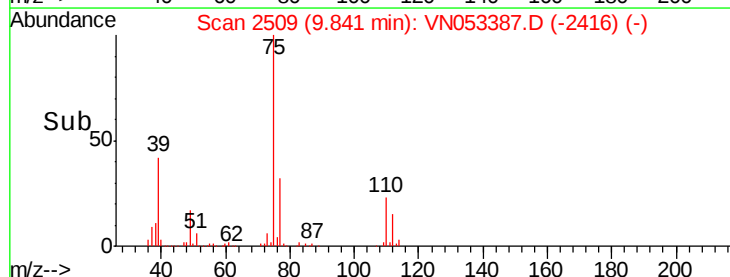
150000

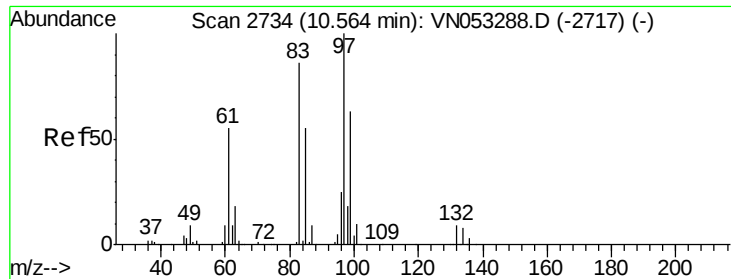
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 19.708 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Instrument :

MSVOA_N

ClientSampled :

VN0114WBSD01

Tgt Ion: 97 Resp: 163836

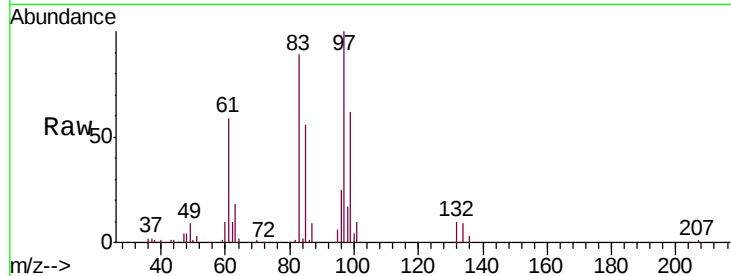
Ion Ratio Lower Upper

97 100

83 88.6 69.1 103.7

85 55.6 44.2 66.4

99 62.1 50.3 75.5

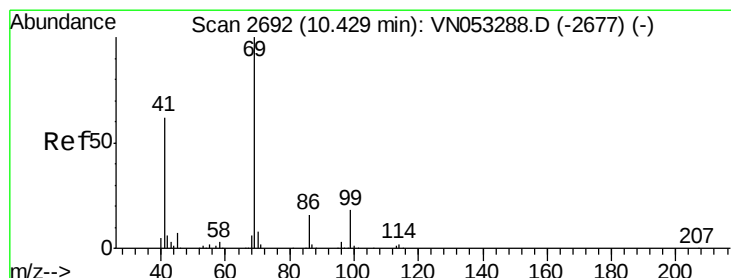
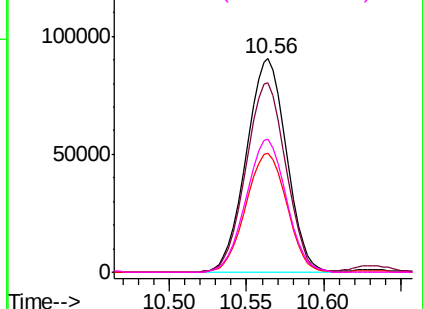
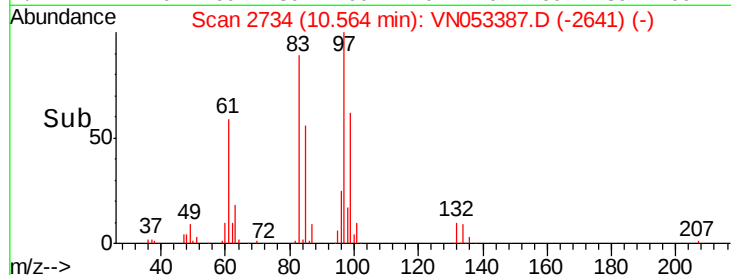


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 20.181 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

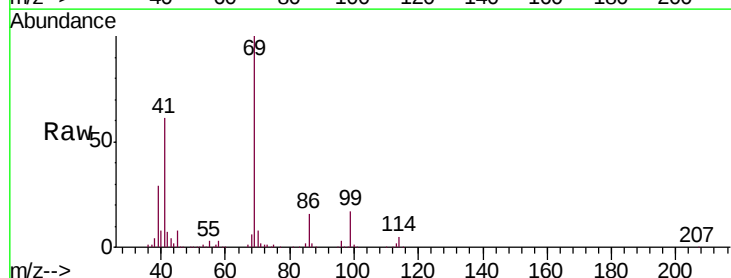
Tgt Ion: 69 Resp: 218019

Ion Ratio Lower Upper

69 100

41 62.1 49.2 73.8

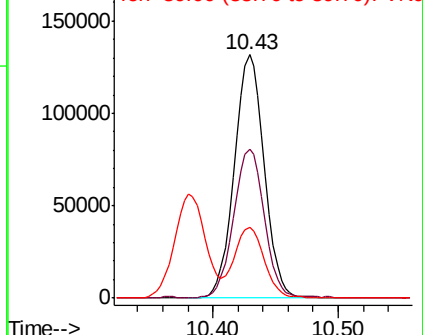
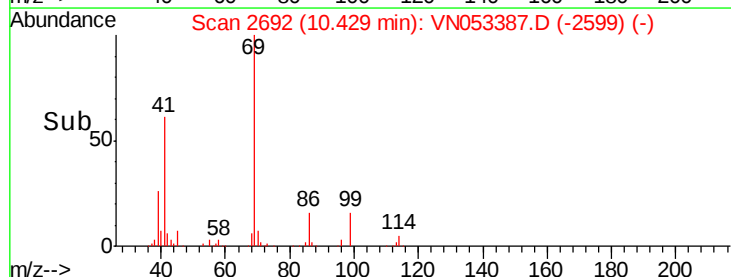
39 29.3 23.4 35.0

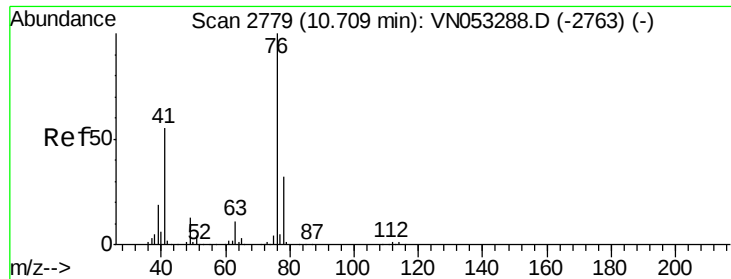


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

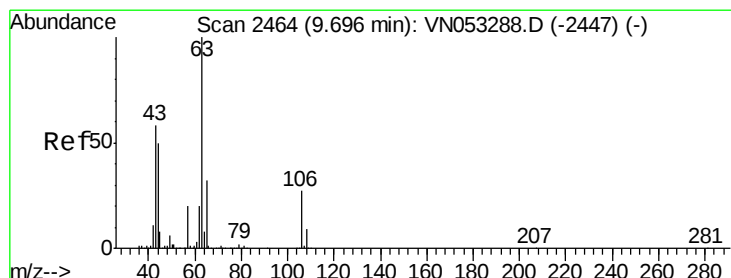
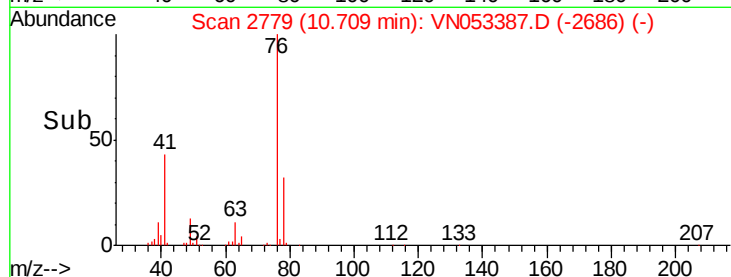
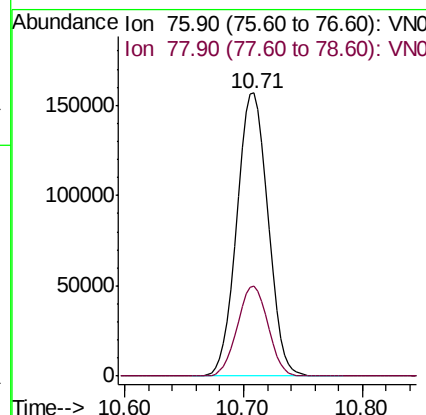
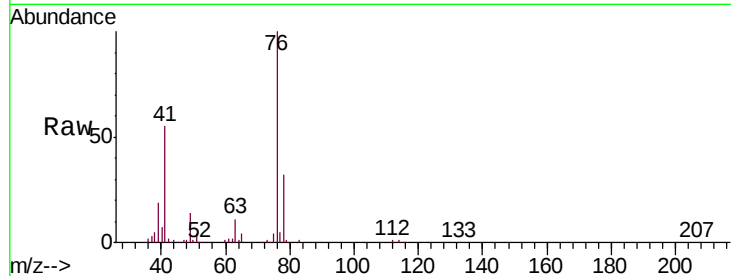




#57
 1,3-Dichloropropane
 Concen: 20.512 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

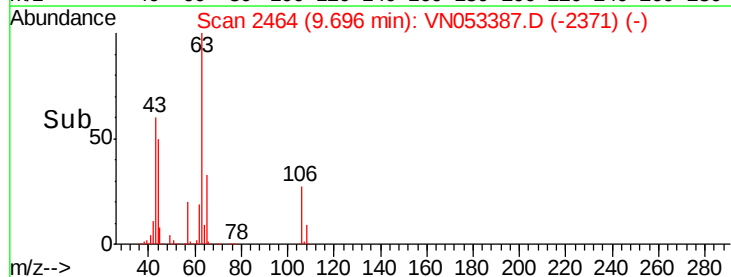
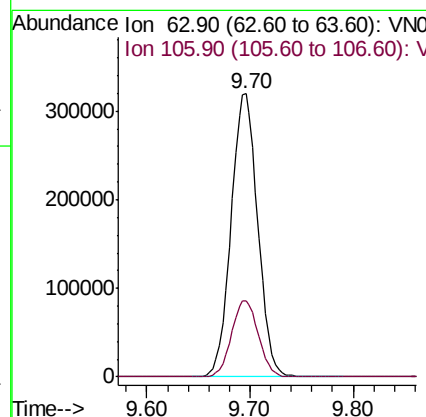
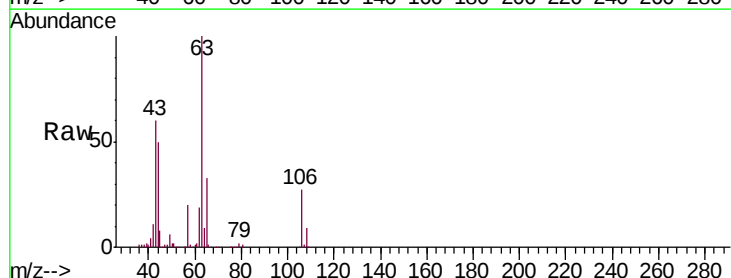
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBSD01

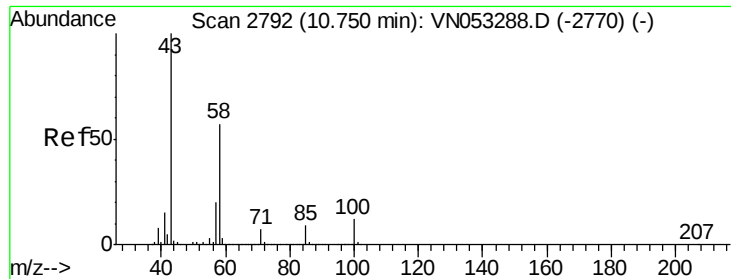
Tgt Ion: 76 Resp: 285158
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.354 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

Tgt Ion: 63 Resp: 574435
 Ion Ratio Lower Upper
 63 100
 106 27.2 21.7 32.5

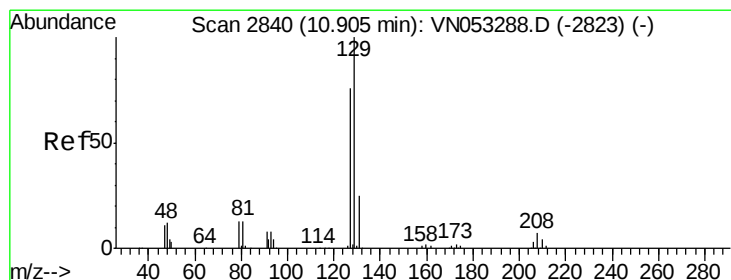
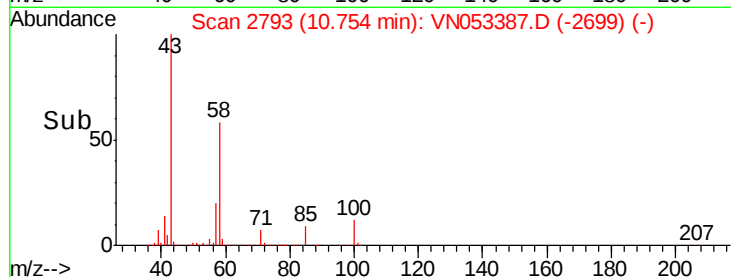
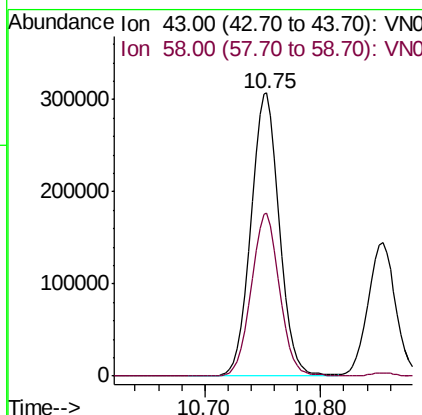
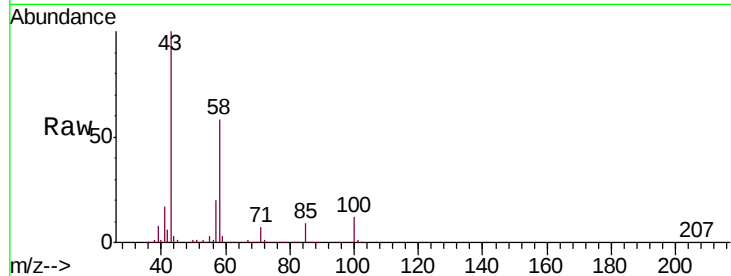




#59
2-Hexanone
Concen: 98.497 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053387.D
Acq: 14 Jan 2019 13:17

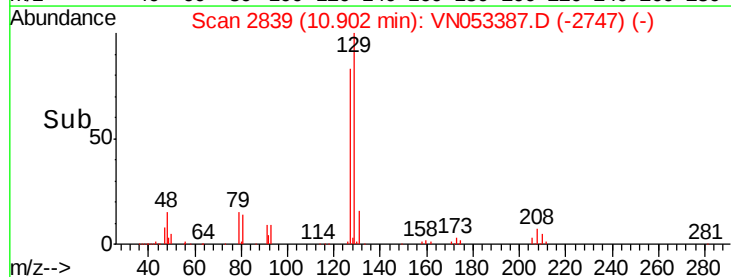
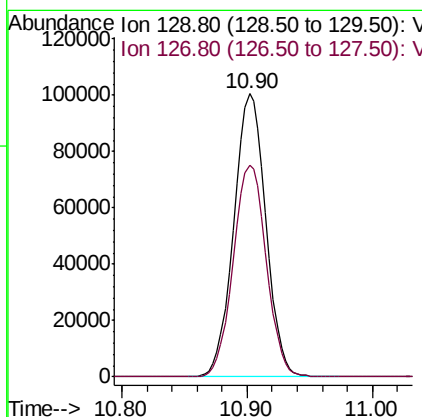
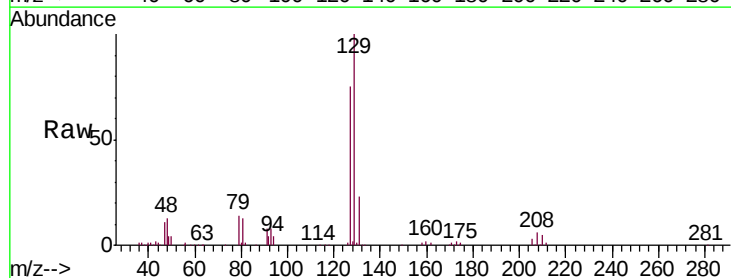
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01

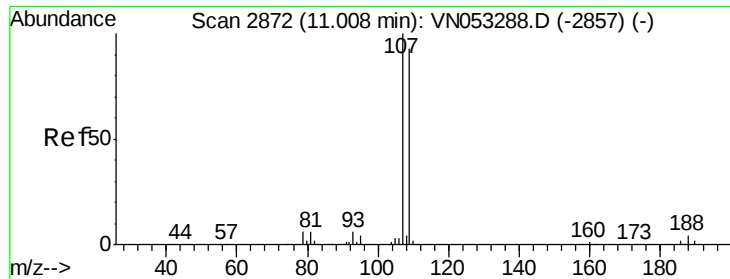
Tgt Ion: 43 Resp: 524660
Ion Ratio Lower Upper
43 100
58 57.6 28.3 85.0



#60
Dibromochloromethane
Concen: 19.919 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053387.D
Acq: 14 Jan 2019 13:17

Tgt Ion: 129 Resp: 178610
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2

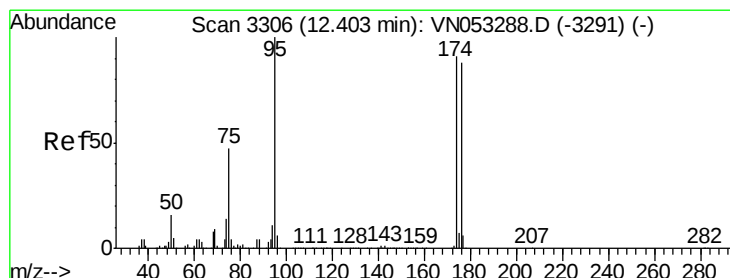
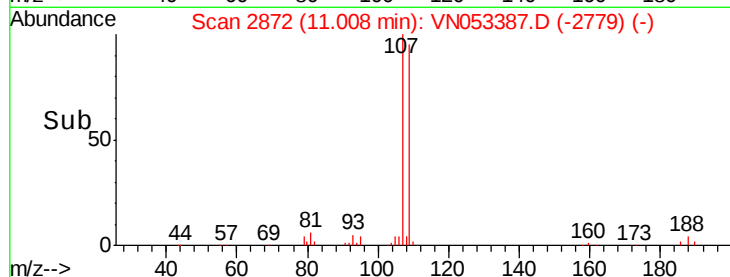
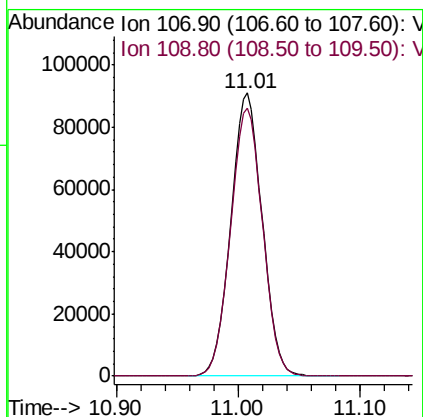
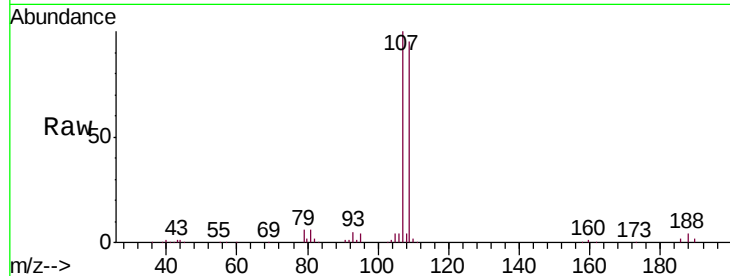




#61
 1,2-Dibromoethane
 Concen: 19.790 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

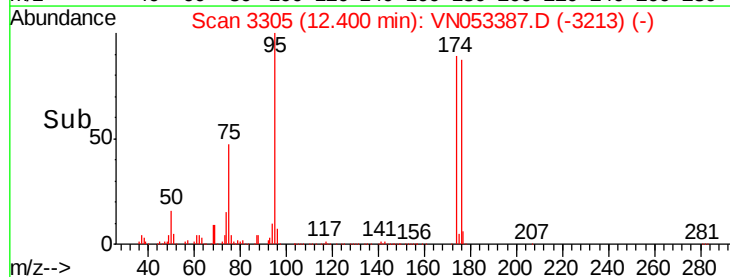
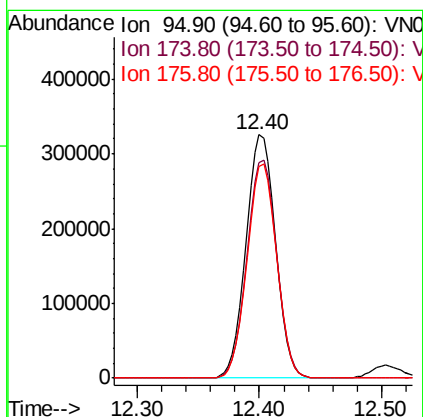
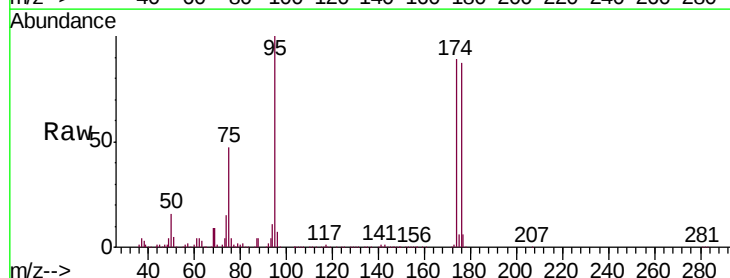
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBSD01

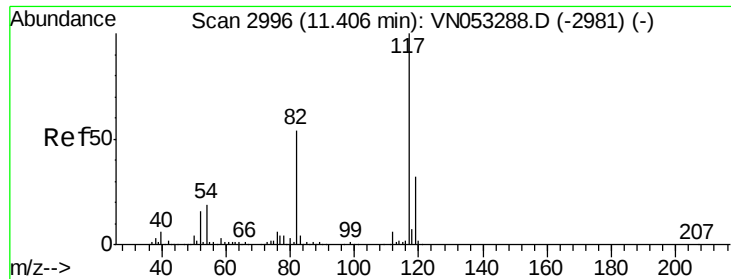
Tgt Ion: 107 Resp: 162355
 Ion Ratio Lower Upper
 107 100
 109 96.4 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 19.790 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

Tgt Ion: 95 Resp: 539903
 Ion Ratio Lower Upper
 95 100
 174 90.4 0.0 180.4
 176 88.3 0.0 175.6

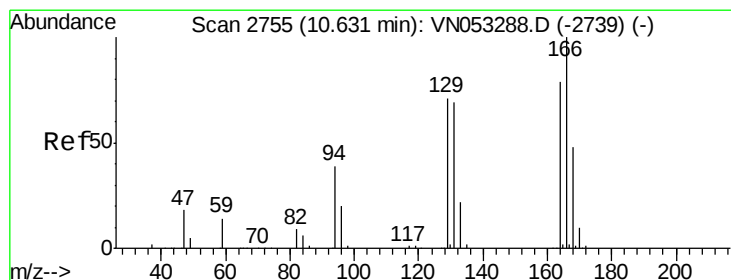
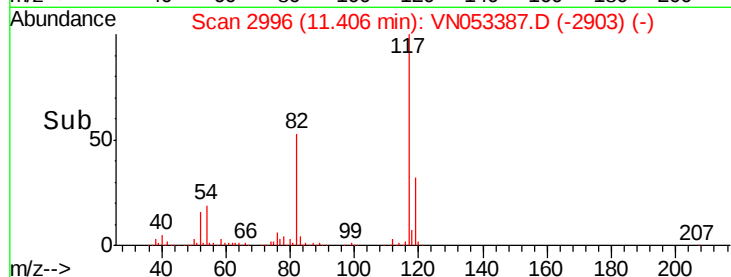
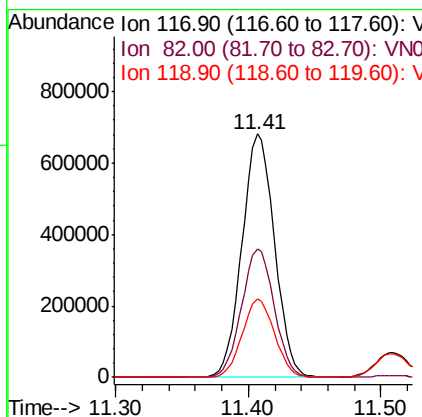
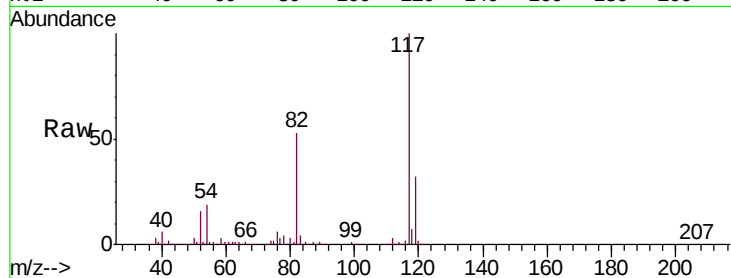




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053387.D
Acq: 14 Jan 2019 13:17

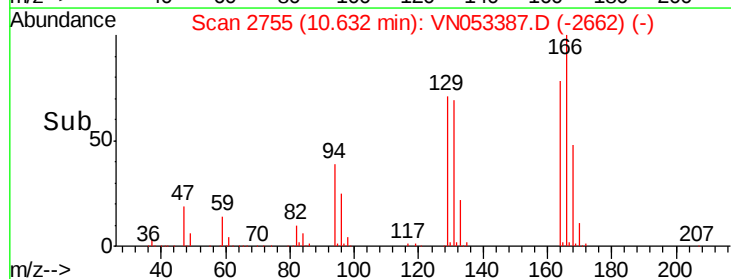
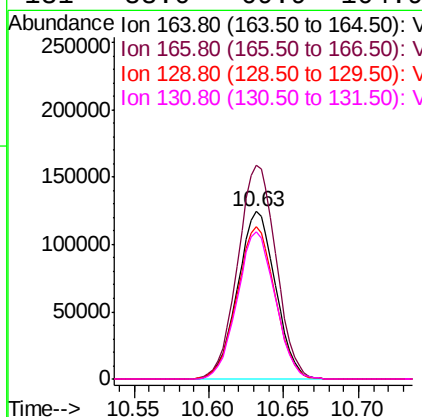
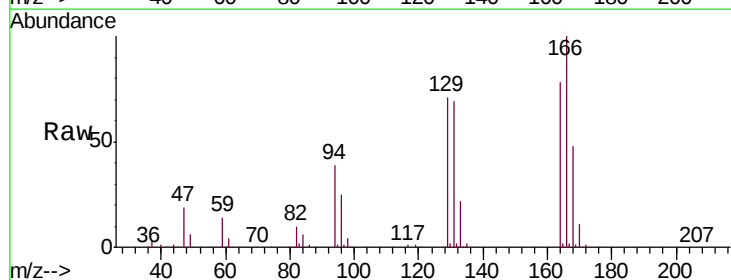
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01

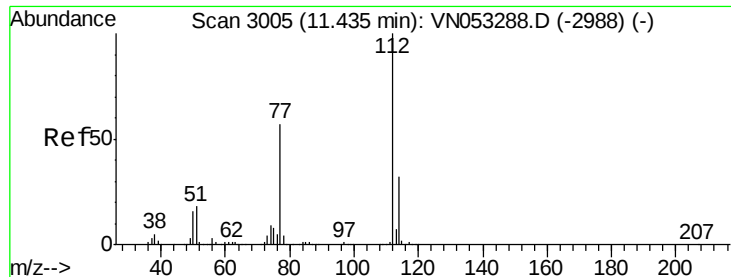
Tgt Ion:117 Resp: 1161168
Ion Ratio Lower Upper
117 100
82 53.0 42.9 64.3
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 20.056 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053387.D
Acq: 14 Jan 2019 13:17

Tgt Ion:164 Resp: 219192
Ion Ratio Lower Upper
164 100
166 127.7 101.7 152.5
129 90.7 72.1 108.1
131 88.0 69.9 104.9





#65

Chlorobenzene

Concen: 20.027 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

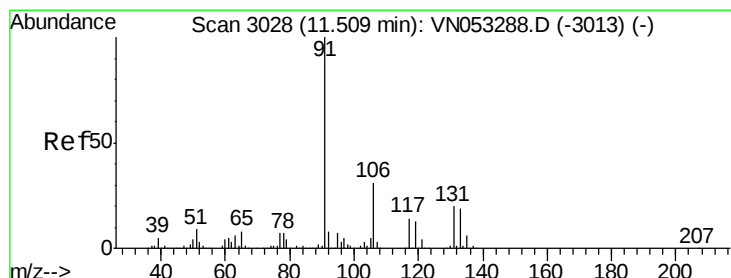
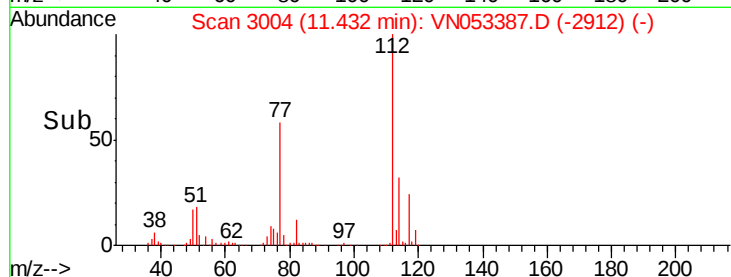
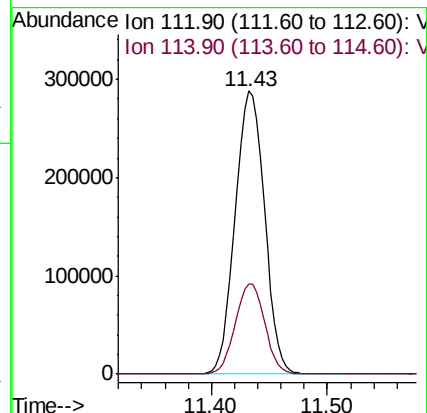
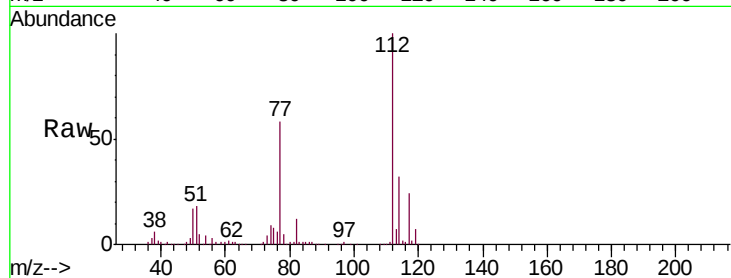
VN0114WBSD01

Tgt Ion:112 Resp: 505175

Ion Ratio Lower Upper

112 100

114 32.0 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.118 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

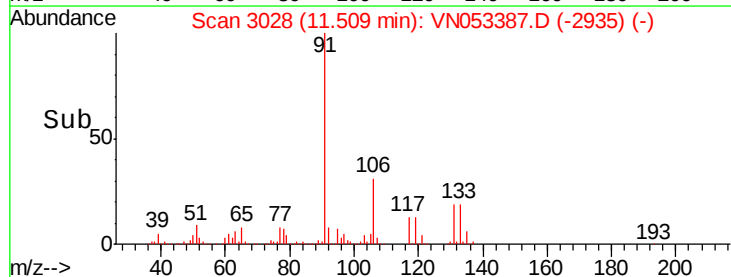
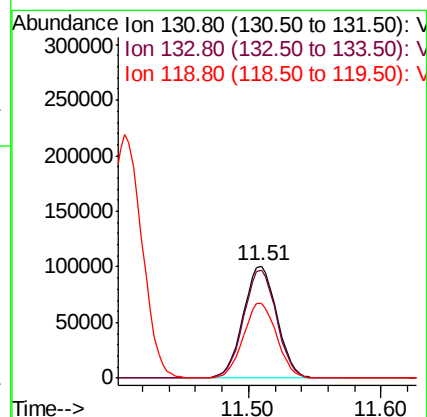
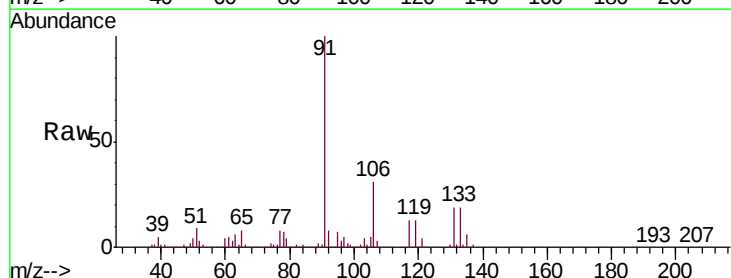
Tgt Ion:131 Resp: 177626

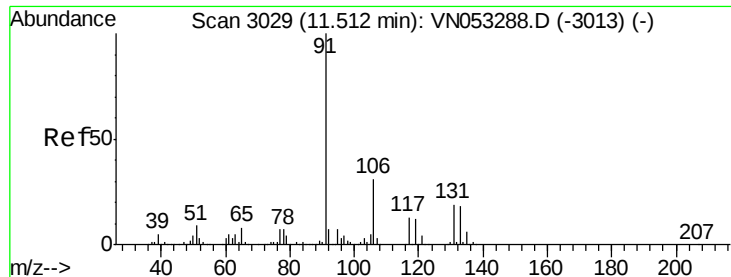
Ion Ratio Lower Upper

131 100

133 94.9 48.0 144.0

119 66.3 33.3 99.9

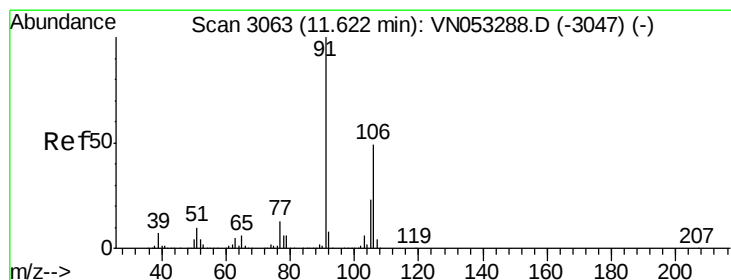
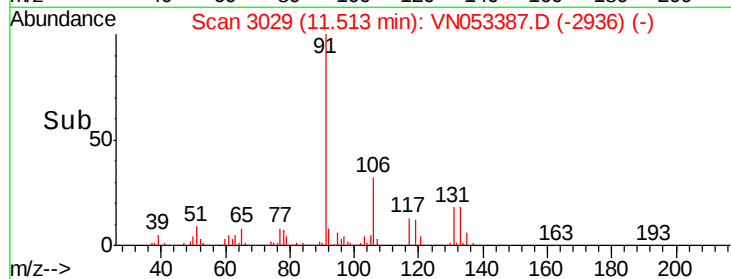
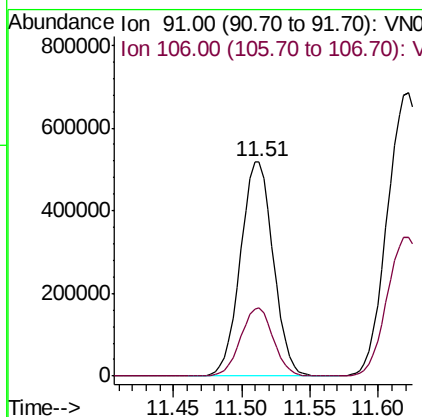
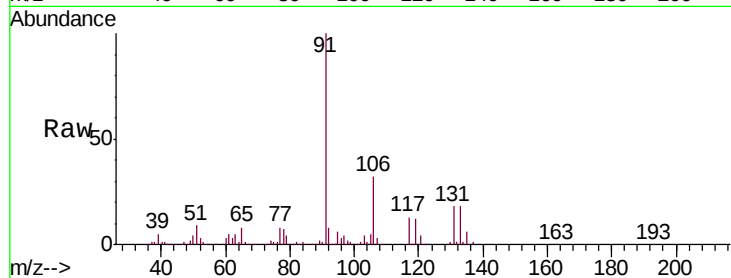




#67
Ethyl Benzene
Concen: 20.208 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053387.D
Acq: 14 Jan 2019 13:17

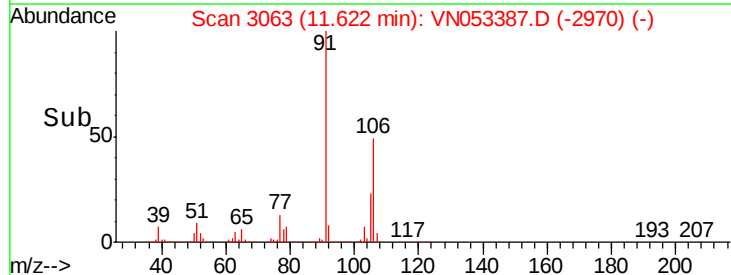
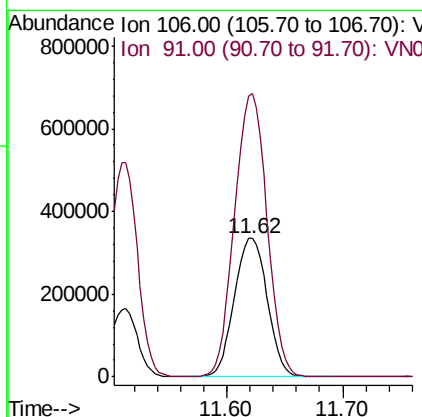
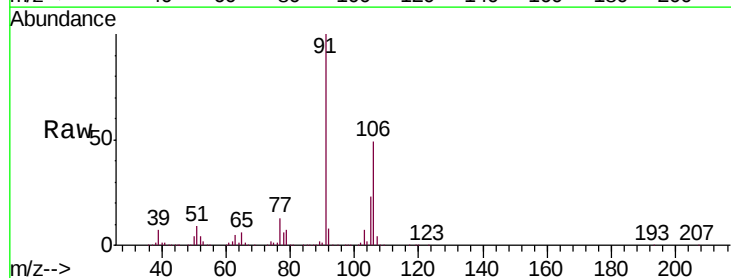
Instrument :
MSVOA_N
ClientSampled :
VN0114WBSD01

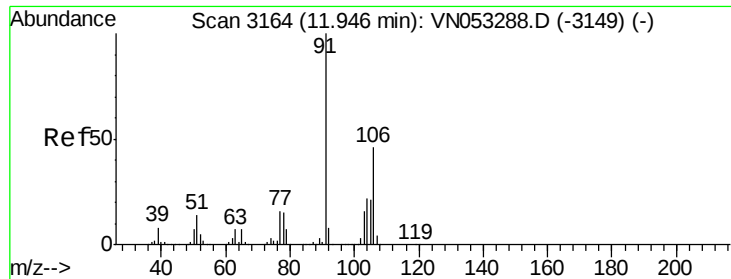
Tgt Ion: 91 Resp: 866191
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.4



#68
m/p-Xylenes
Concen: 41.097 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053387.D
Acq: 14 Jan 2019 13:17

Tgt Ion: 106 Resp: 662385
Ion Ratio Lower Upper
106 100
91 201.2 161.4 242.2

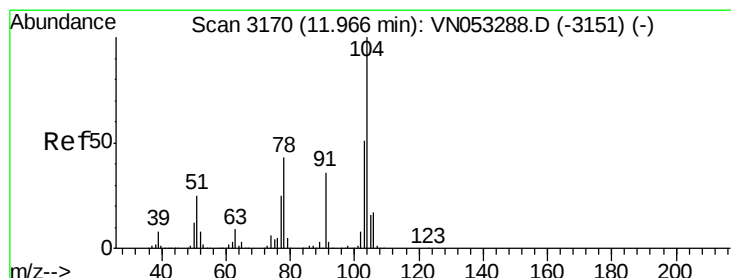
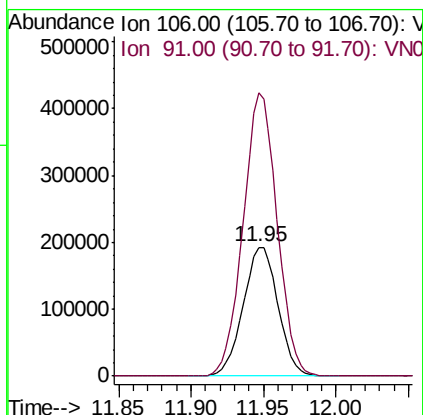
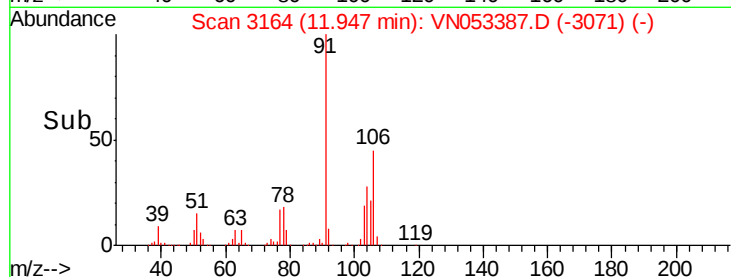
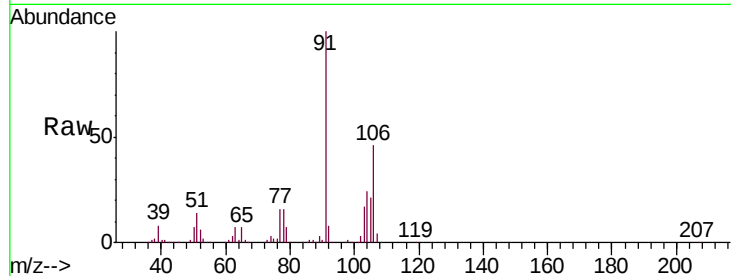




#69
o-Xylene
Concen: 20.438 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053387.D
Acq: 14 Jan 2019 13:17

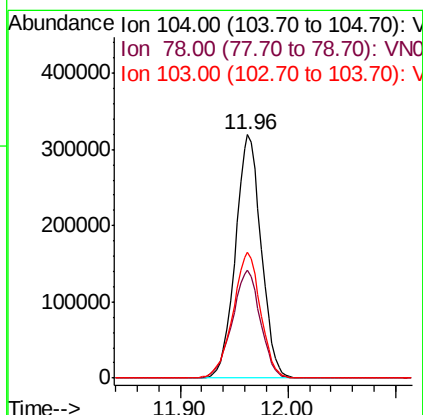
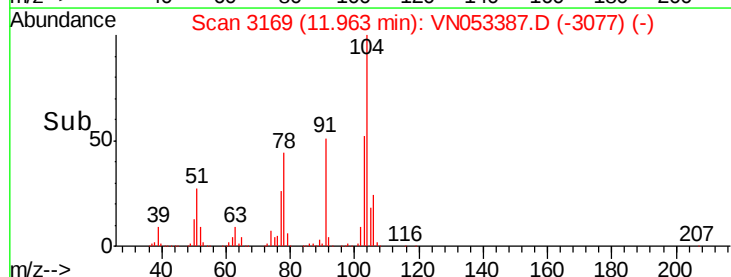
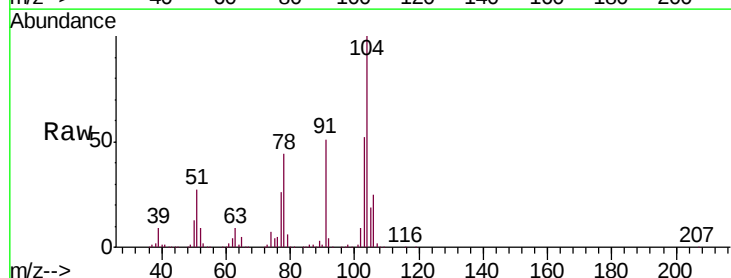
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01

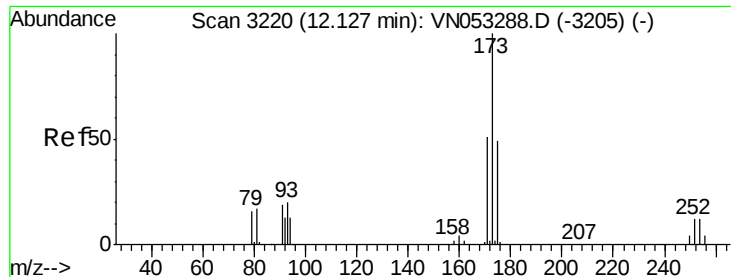
Tgt Ion:106 Resp: 322494
Ion Ratio Lower Upper
106 100
91 214.3 106.8 320.4



#70
Styrene
Concen: 20.669 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053387.D
Acq: 14 Jan 2019 13:17

Tgt Ion:104 Resp: 530799
Ion Ratio Lower Upper
104 100
78 48.5 38.5 57.7
103 55.4 44.5 66.7





#71

Bromoform

Concen: 19.671 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0114WBSD01

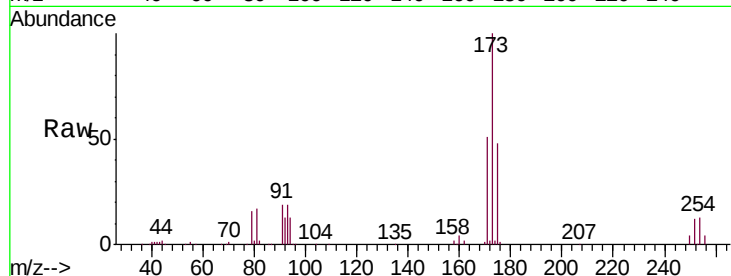
Tgt Ion:173 Resp: 122674

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

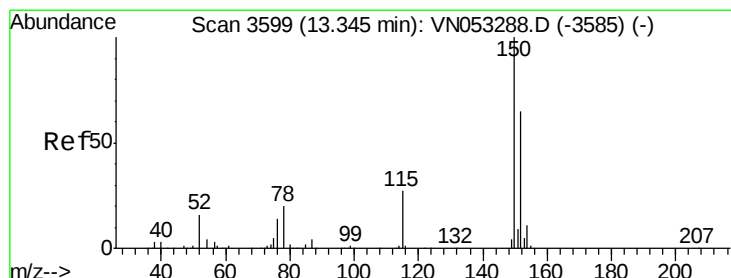
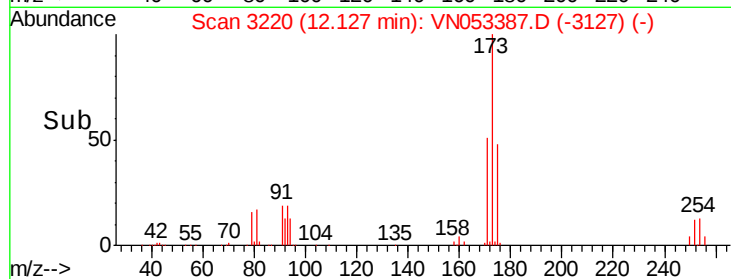
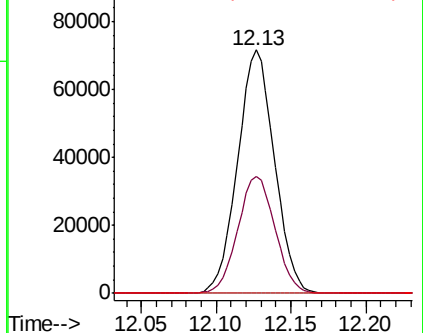
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

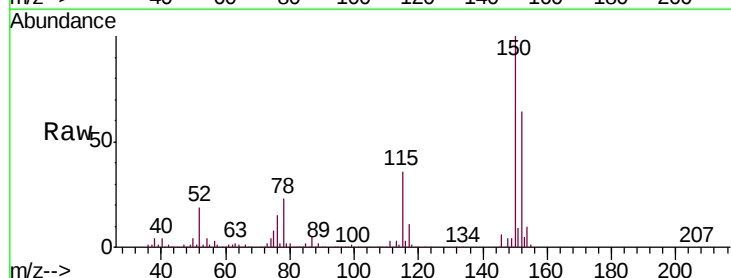
Tgt Ion:152 Resp: 551528

Ion Ratio Lower Upper

152 100

115 56.0 28.0 84.0

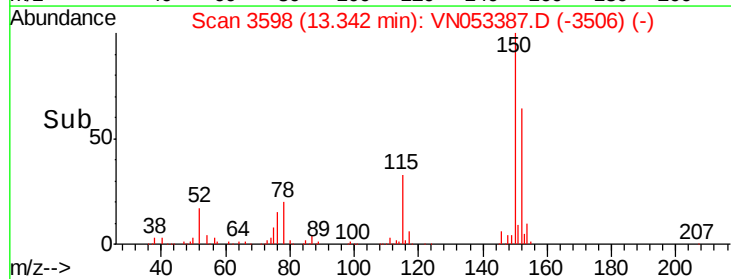
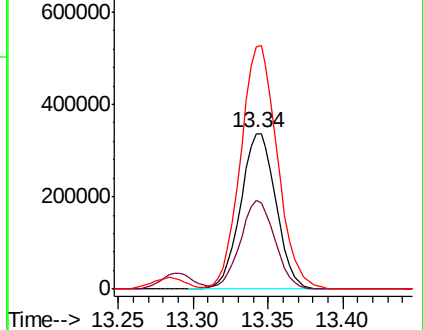
150 163.5 0.0 346.6

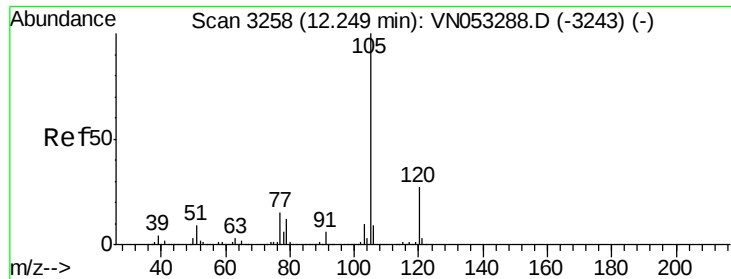


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.089 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

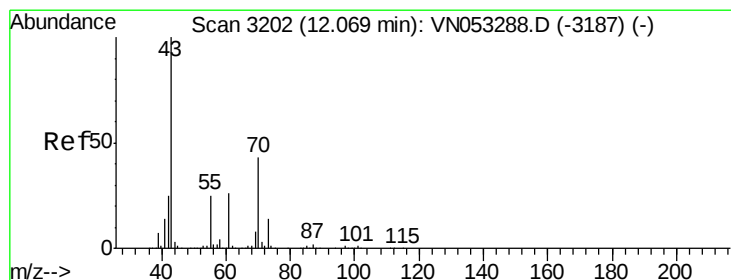
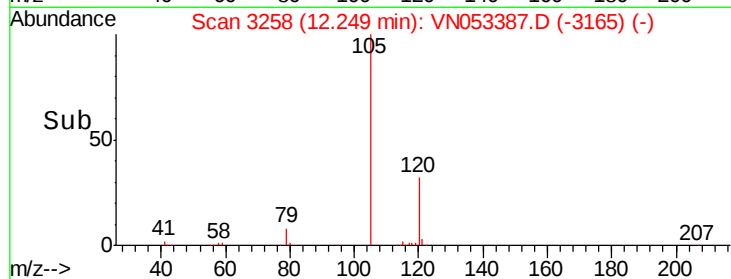
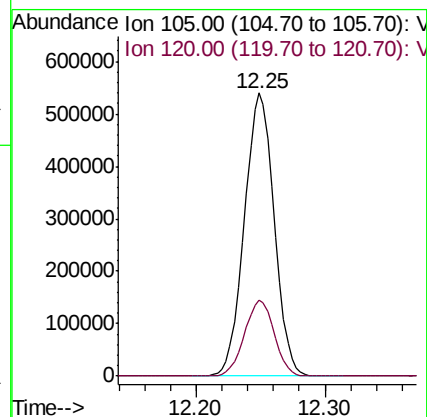
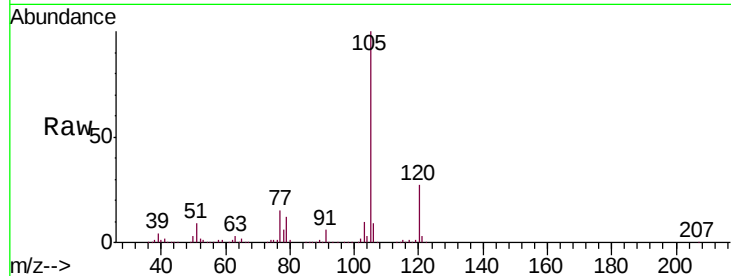
VN0114WBSD01

Tgt Ion: 105 Resp: 865965

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 20.137 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Tgt Ion: 43 Resp: 246916

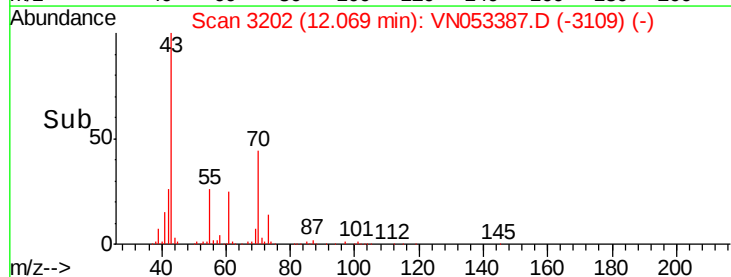
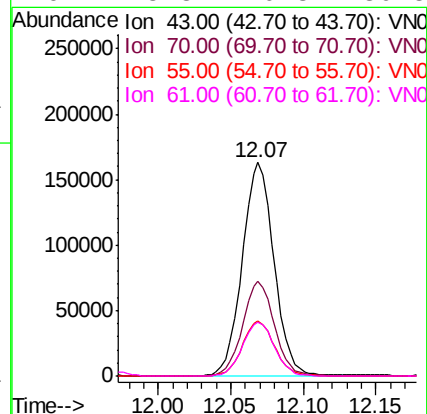
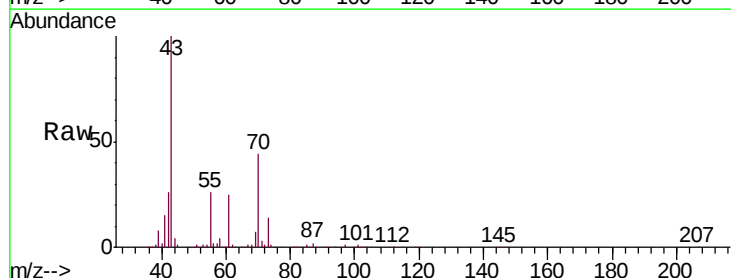
Ion Ratio Lower Upper

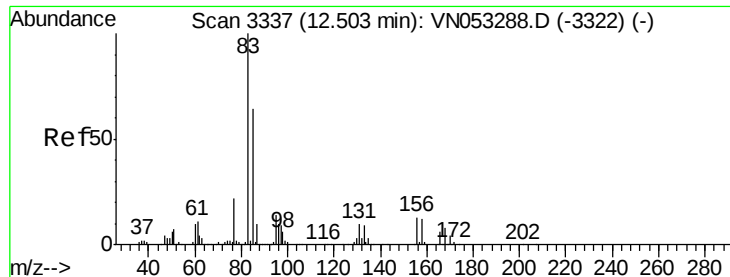
43 100

70 44.5 35.0 52.6

55 26.4 20.0 30.0

61 25.8 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.509 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0114WBSD01

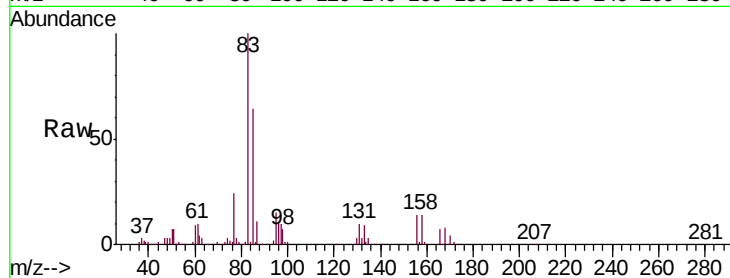
Tgt Ion: 83 Resp: 193723

Ion Ratio Lower Upper

83 100

131 10.8 5.3 15.9

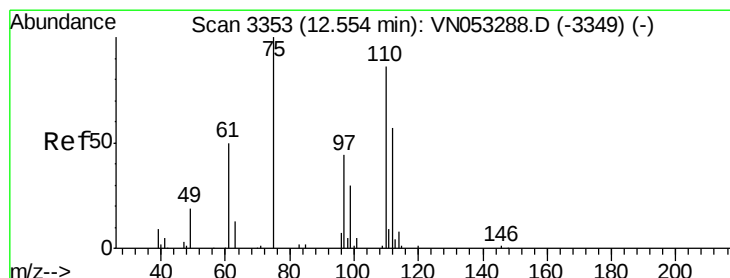
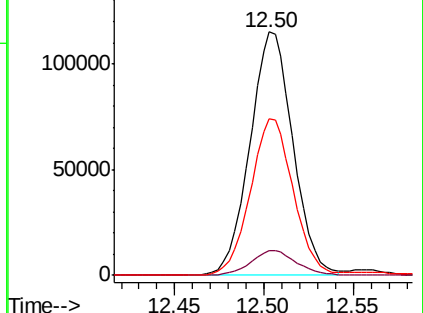
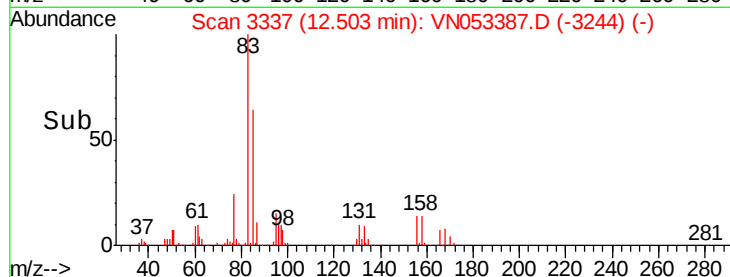
85 63.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 31.834 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053387.D

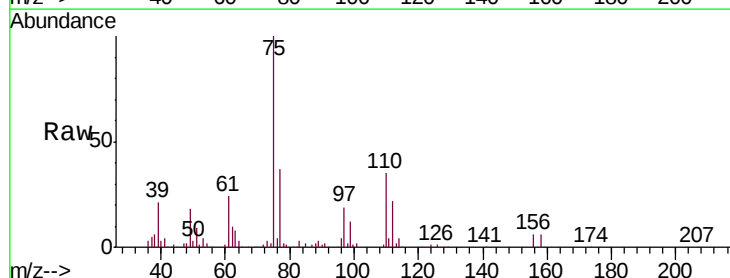
Acq: 14 Jan 2019 13:17

Tgt Ion: 75 Resp: 256083

Ion Ratio Lower Upper

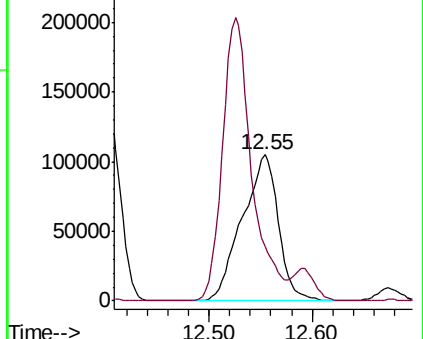
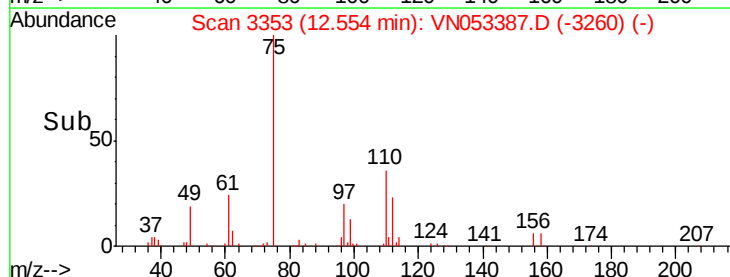
75 100

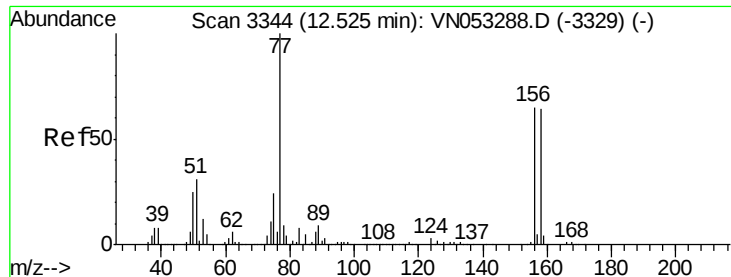
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.598 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0114WBSD01

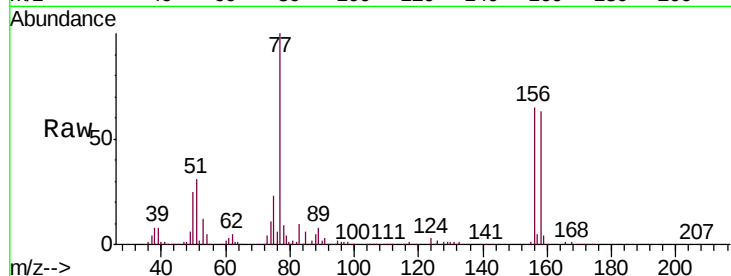
Tgt Ion:156 Resp: 225746

Ion Ratio Lower Upper

156 100

77 177.2 89.3 268.1

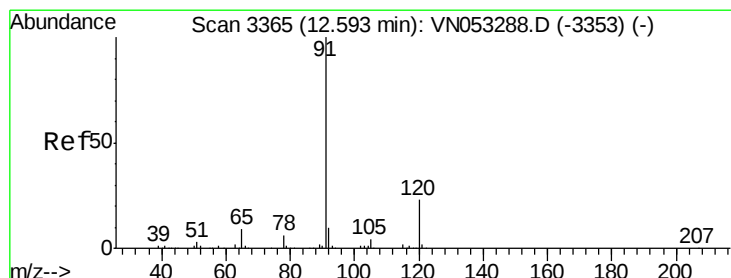
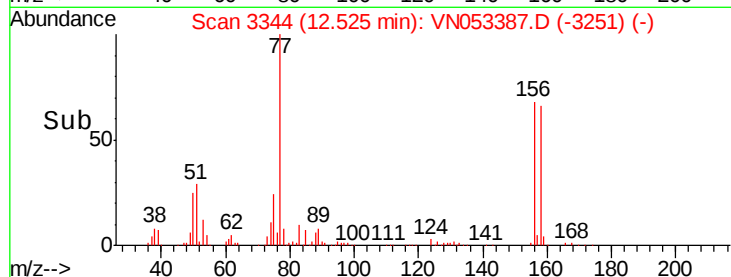
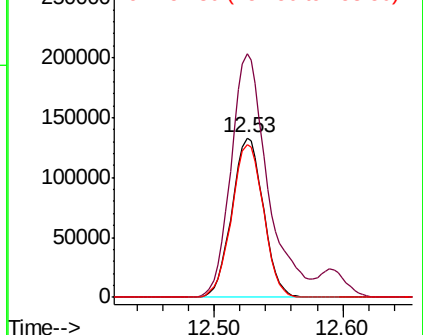
158 96.8 48.9 146.8



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: 21.137 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053387.D

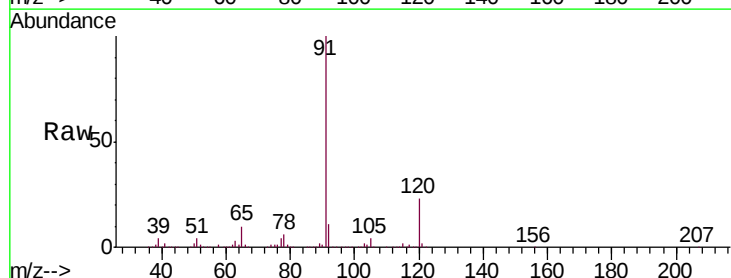
Acq: 14 Jan 2019 13:17

Tgt Ion: 91 Resp: 981783

Ion Ratio Lower Upper

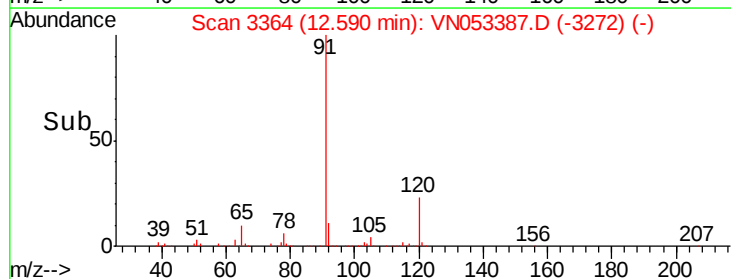
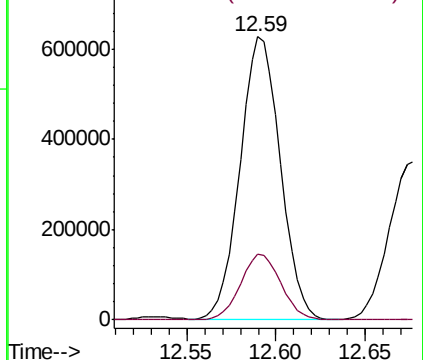
91 100

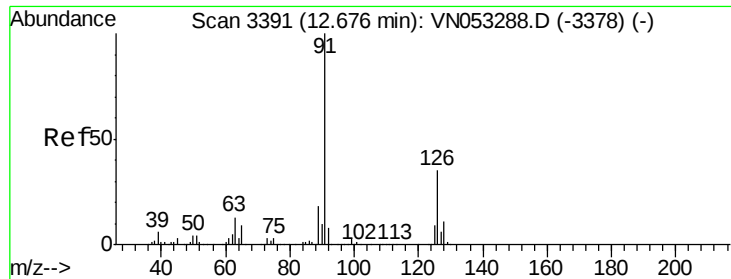
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.763 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

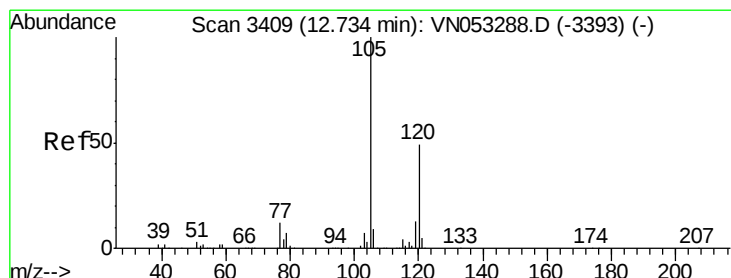
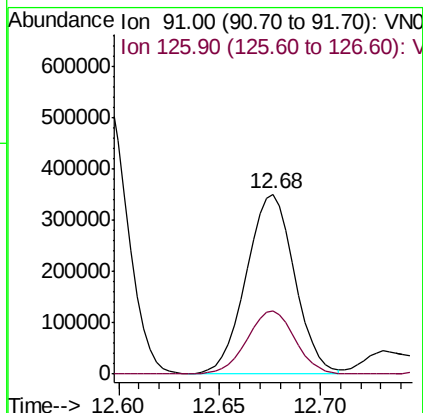
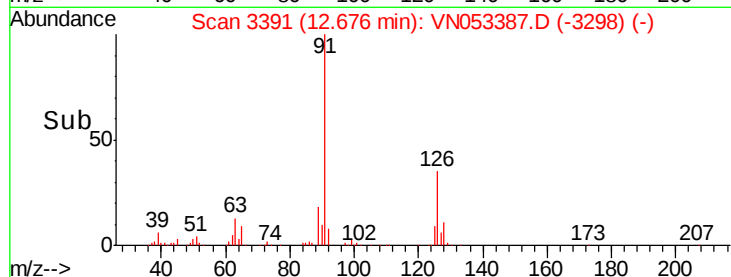
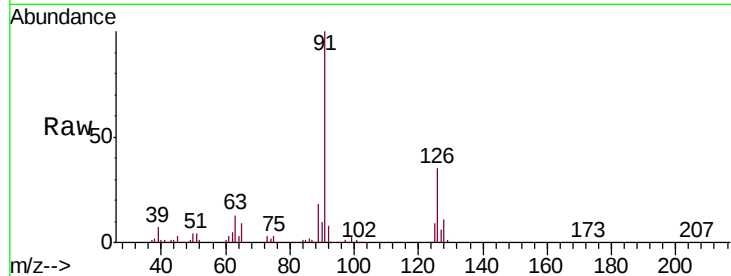
VN0114WBSD01

Tgt Ion: 91 Resp: 583537

Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 21.294 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN053387.D

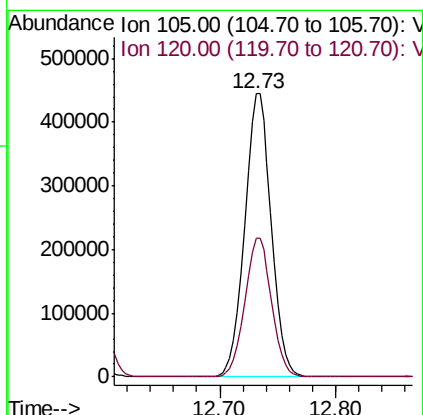
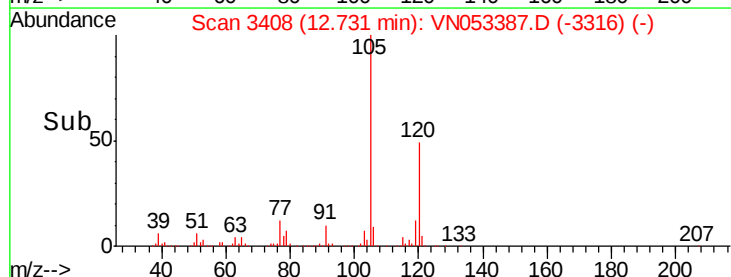
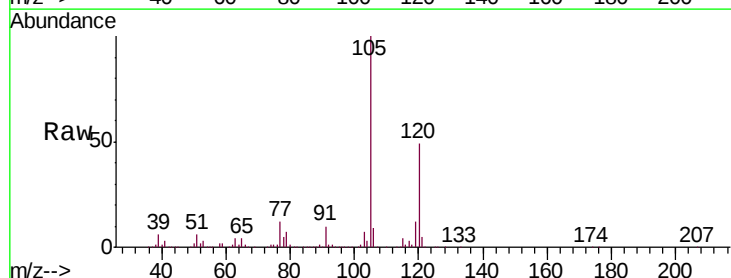
Acq: 14 Jan 2019 13:17

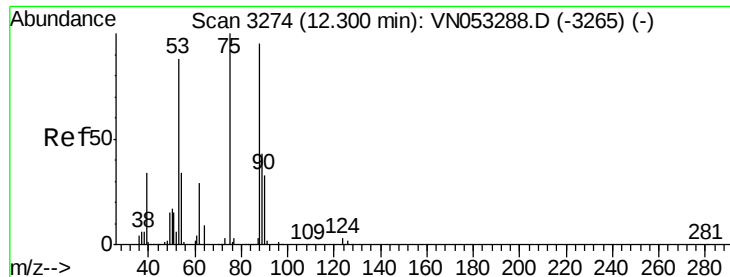
Tgt Ion: 105 Resp: 704327

Ion Ratio Lower Upper

105 100

120 49.4 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 20.194 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Instrument :

MSVOA_N

ClientSampled :

VN0114WBSD01

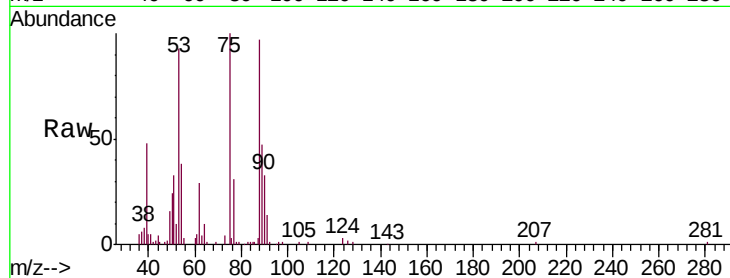
Tgt Ion: 75 Resp: 55213

Ion Ratio Lower Upper

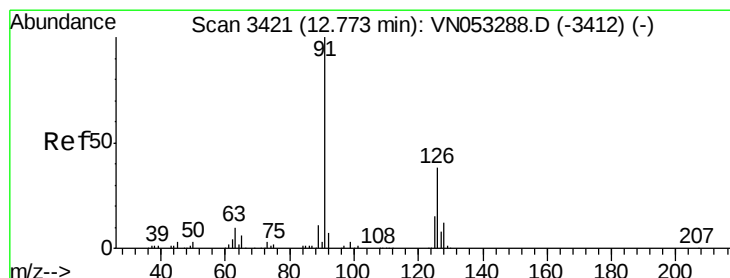
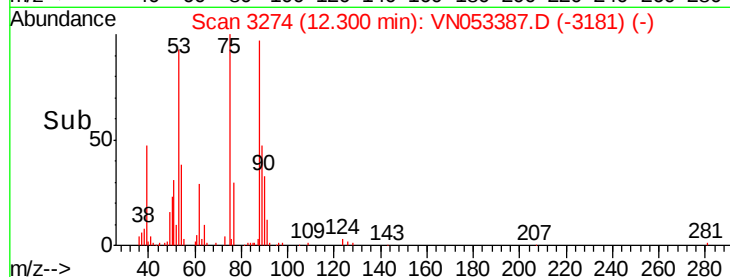
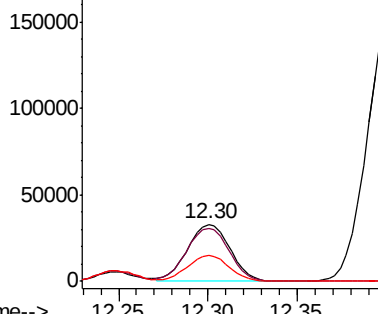
75 100

53 92.6 70.5 105.7

89 44.9 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 53.00 (52.70 to 53.70): VNO
Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 20.566 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053387.D

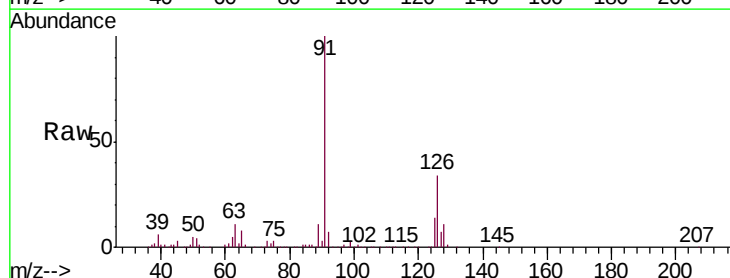
Acq: 14 Jan 2019 13:17

Tgt Ion: 91 Resp: 592681

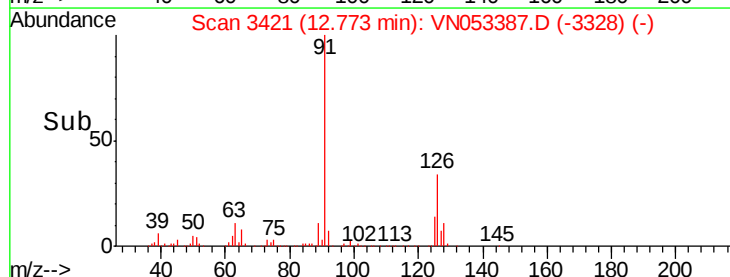
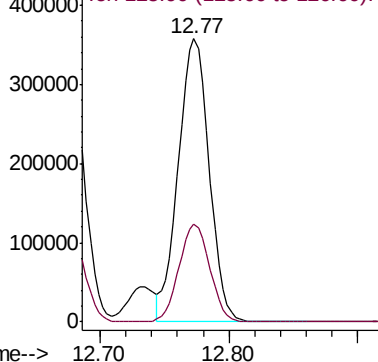
Ion Ratio Lower Upper

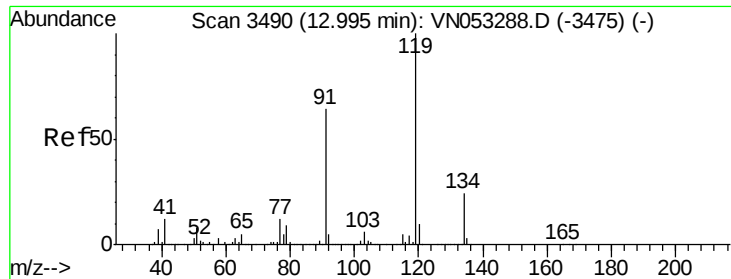
91 100

126 34.5 17.4 52.2



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

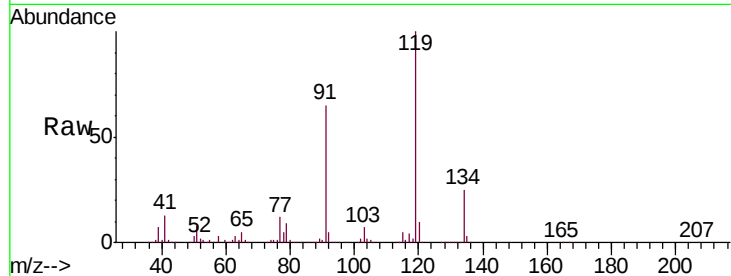




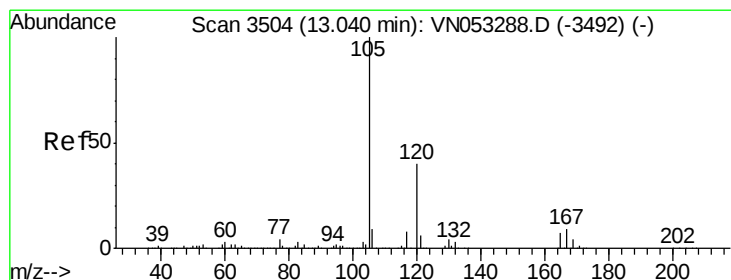
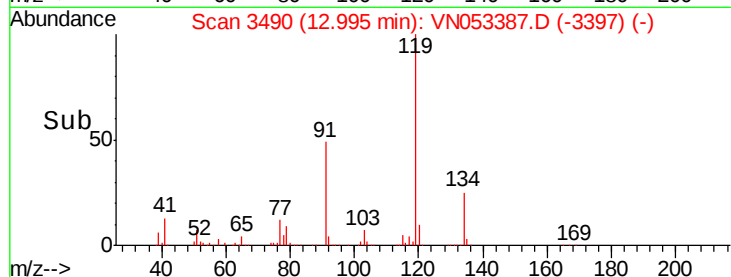
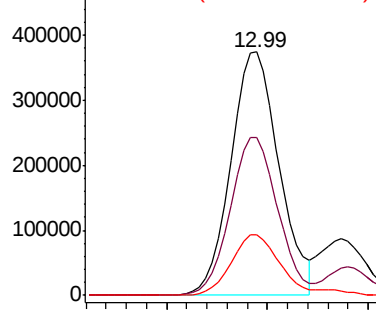
#83
 tert-Butylbenzene
 Concen: 21.508 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBSD01

Tgt Ion:119 Resp: 624173
 Ion Ratio Lower Upper
 119 100
 91 63.4 31.6 95.0
 134 26.0 12.9 38.6

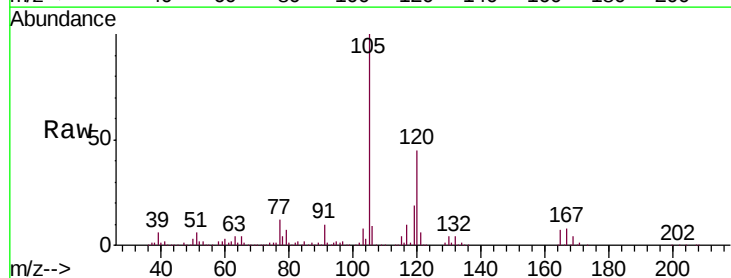


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

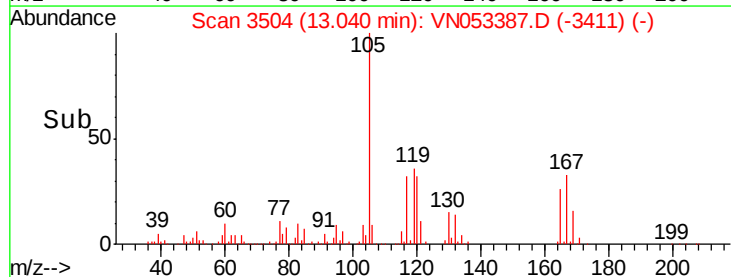
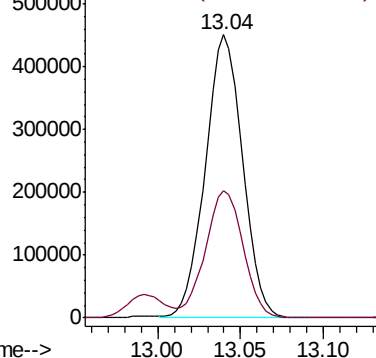


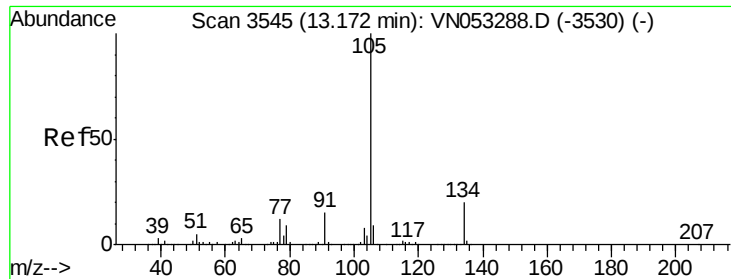
#84
 1,2,4-Trimethylbenzene
 Concen: 20.890 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

Tgt Ion:105 Resp: 703909
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

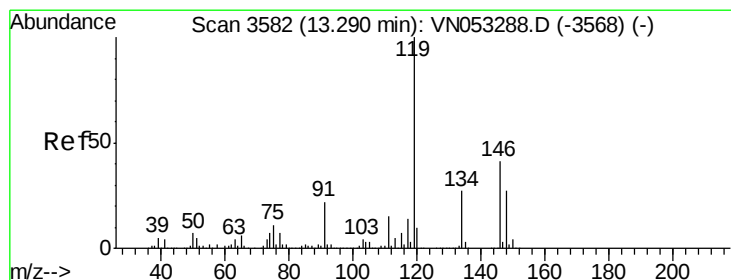
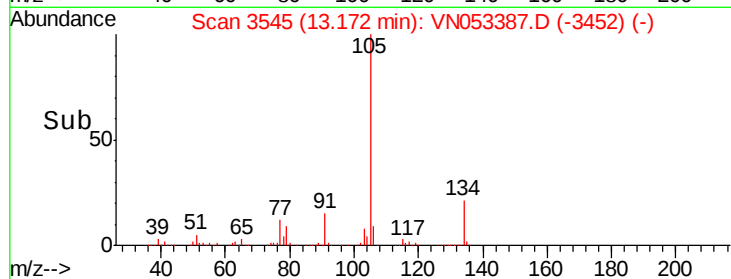
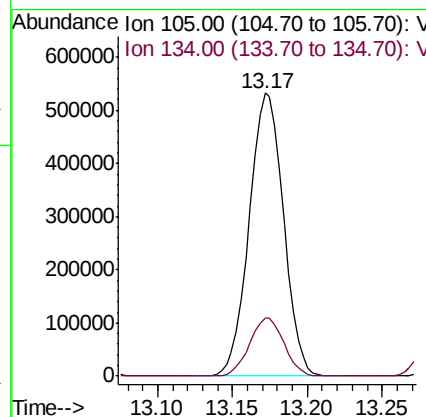
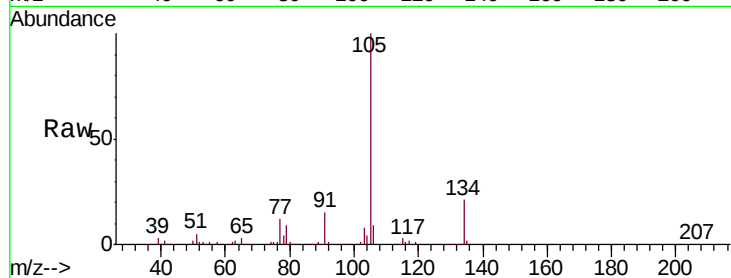




#85
 sec-Butylbenzene
 Concen: 22.181 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

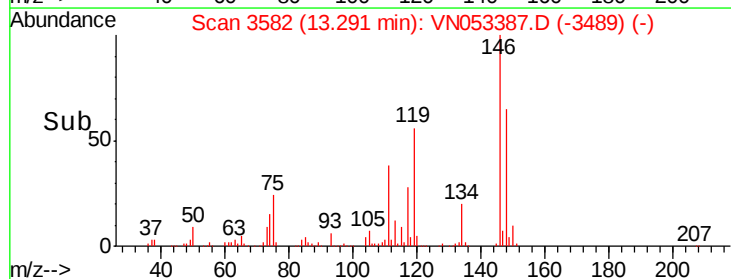
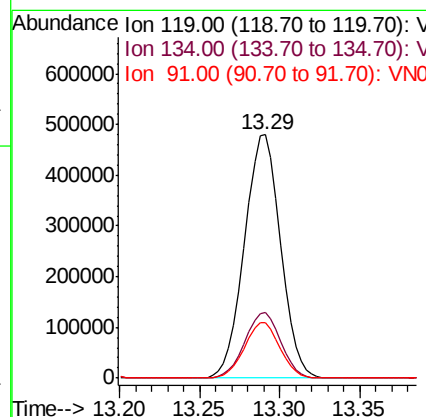
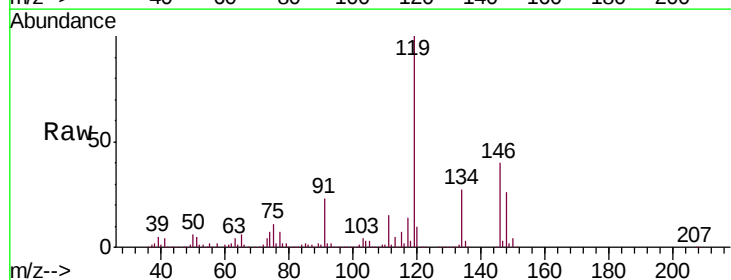
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBSD01

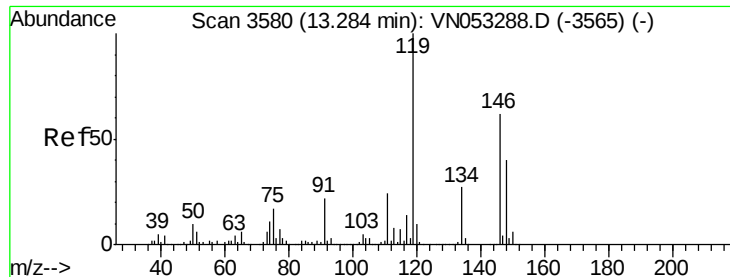
Tgt Ion:105 Resp: 848895
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 22.244 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

Tgt Ion:119 Resp: 737080
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 22.3 11.1 33.1

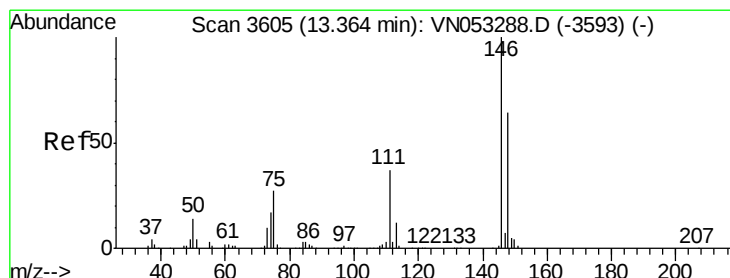
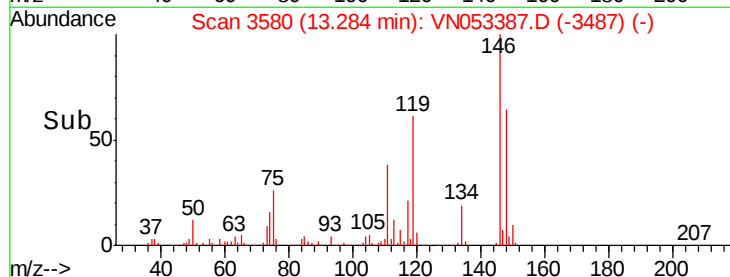
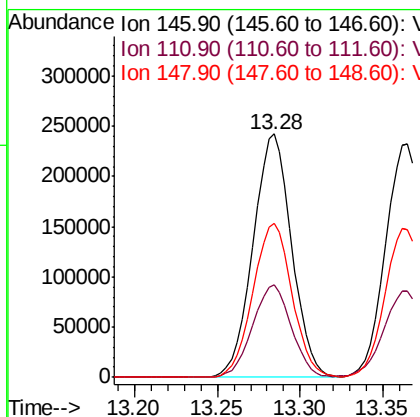
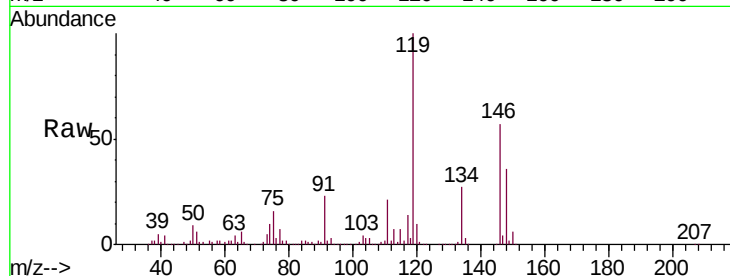




#87
 1,3-Dichlorobenzene
 Concen: 20.377 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

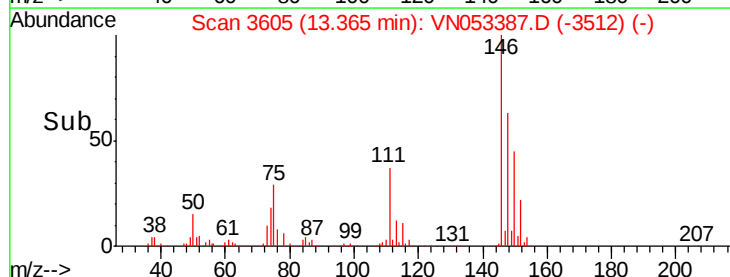
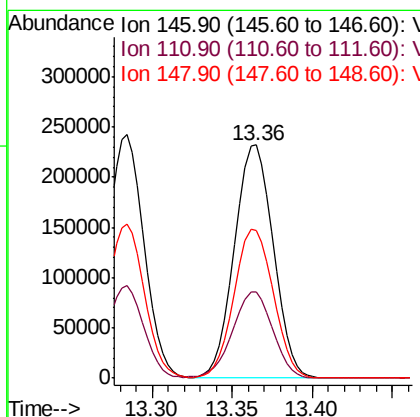
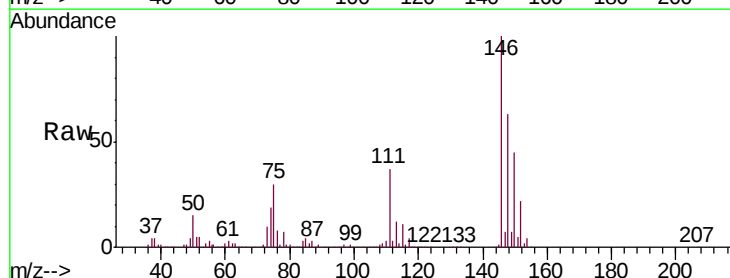
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBSD01

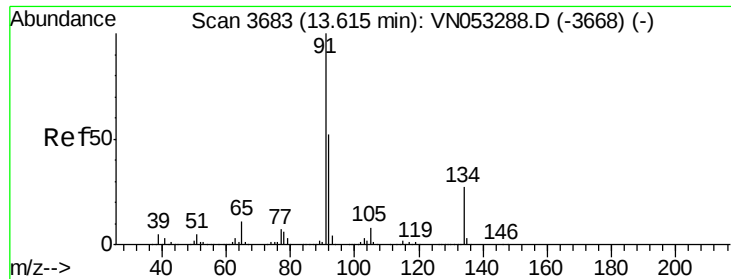
Tgt Ion:146 Resp: 393271
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.5
 148 64.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 20.186 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

Tgt Ion:146 Resp: 386456
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.6 55.8
 148 64.5 32.0 96.0

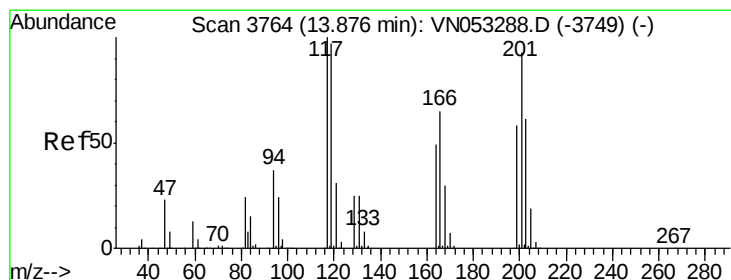
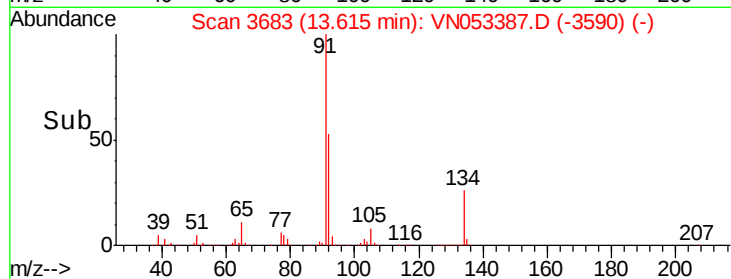
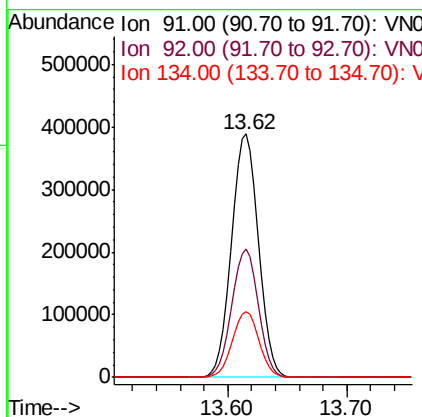
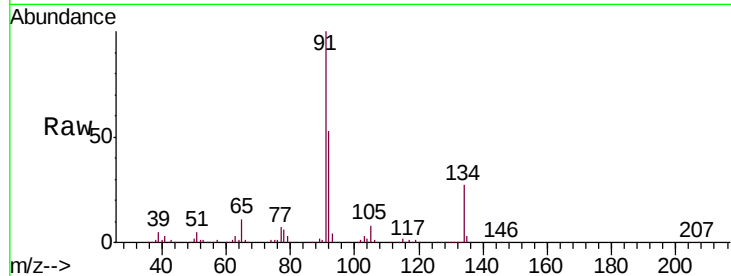




#89
n-Butylbenzene
Concen: 21.991 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053387.D
Acq: 14 Jan 2019 13:17

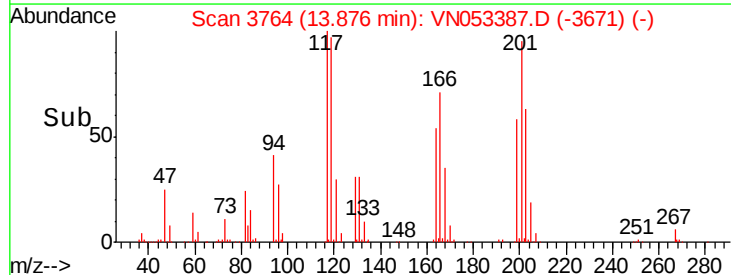
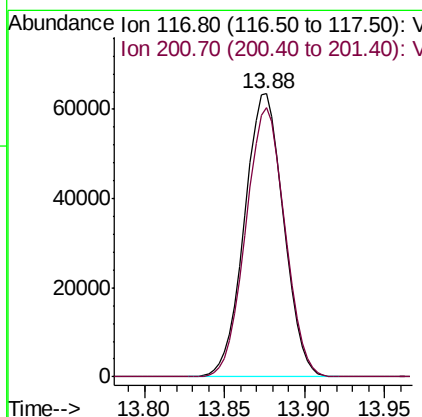
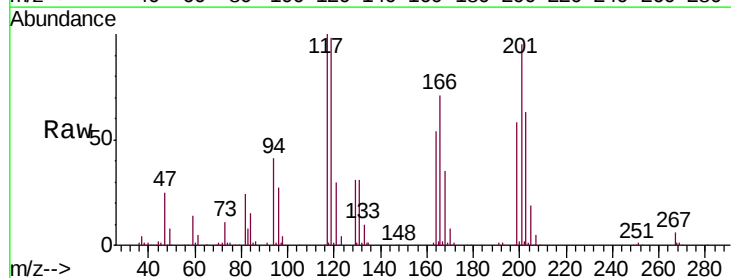
Instrument :
MSVOA_N
ClientSampled :
VN0114WBSD01

Tgt Ion: 91 Resp: 610946
Ion Ratio Lower Upper
91 100
92 52.1 26.3 78.8
134 26.7 13.5 40.5



#90
Hexachloroethane
Concen: 19.989 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN053387.D
Acq: 14 Jan 2019 13:17

Tgt Ion: 117 Resp: 106165
Ion Ratio Lower Upper
117 100
201 95.0 46.1 138.3





#91

1,2-Dichlorobenzene

Concen: 20.335 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0114WBSD01

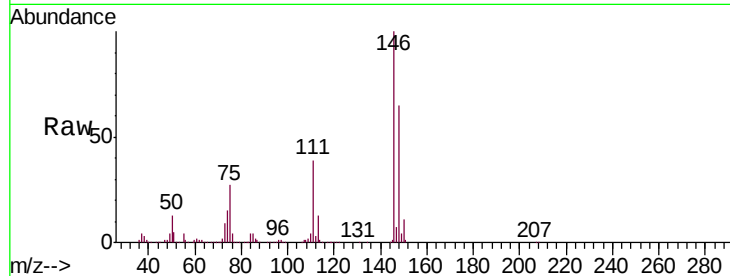
Tgt Ion:146 Resp: 367612

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.2

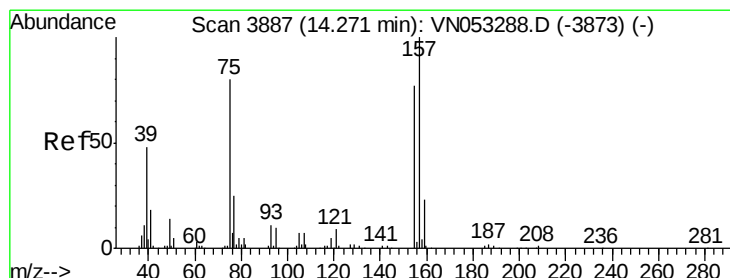
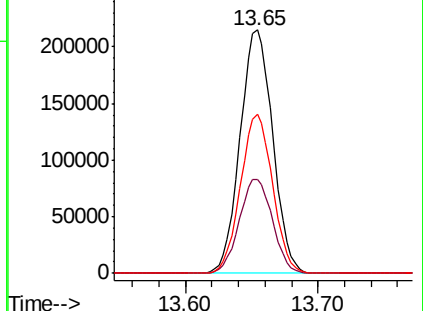
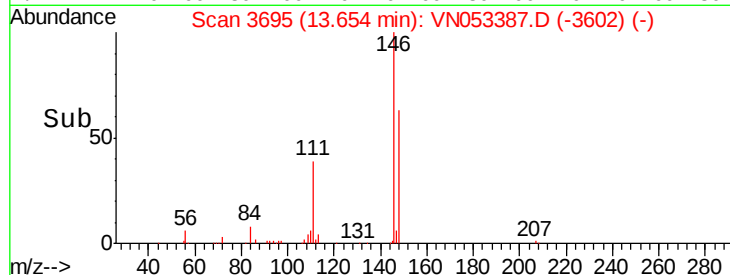
148 64.3 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.823 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

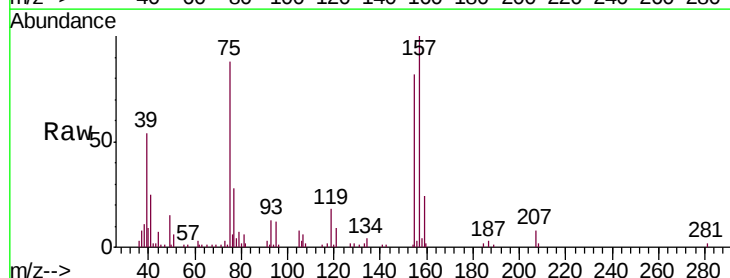
Tgt Ion: 75 Resp: 25003

Ion Ratio Lower Upper

75 100

155 95.1 48.1 144.3

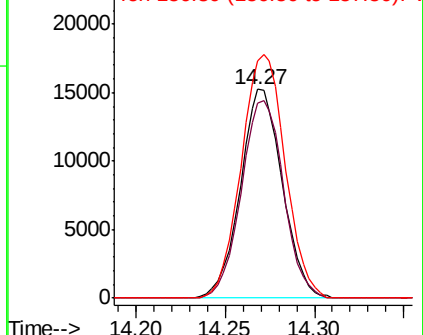
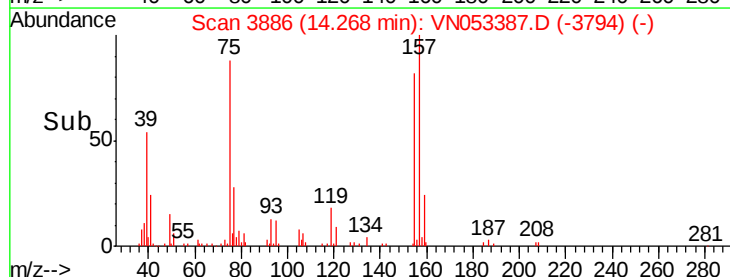
157 122.2 61.5 184.4

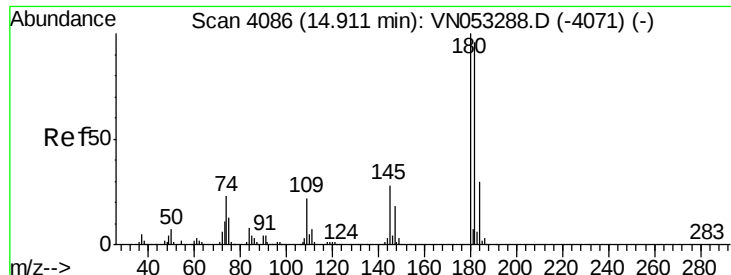


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

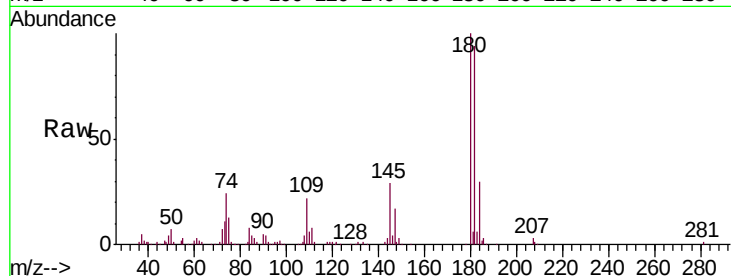




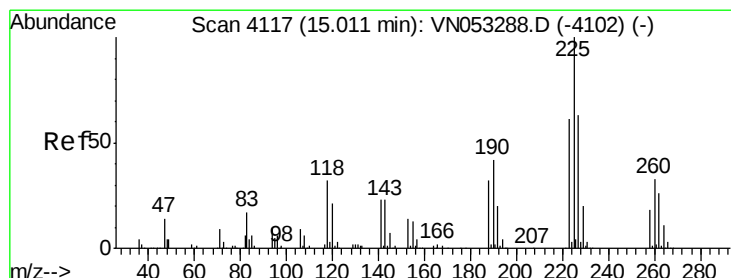
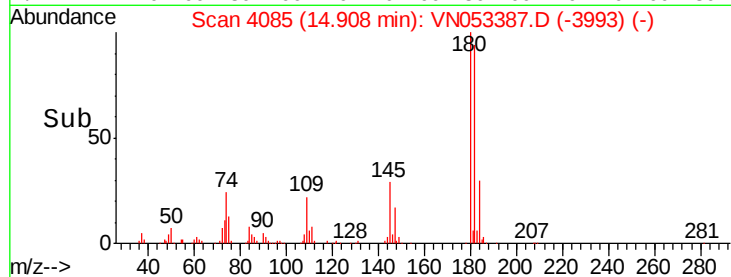
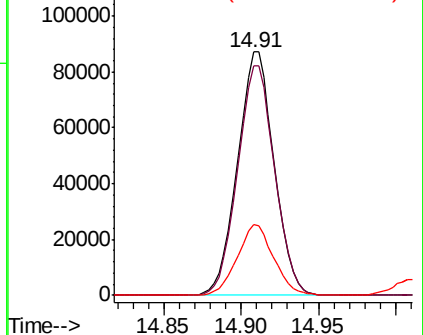
#93
 1,2,4-Trichlorobenzene
 Concen: 25.123 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBSD01

Tgt Ion:180 Resp: 142806
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.8 143.4
 145 29.3 14.4 43.0

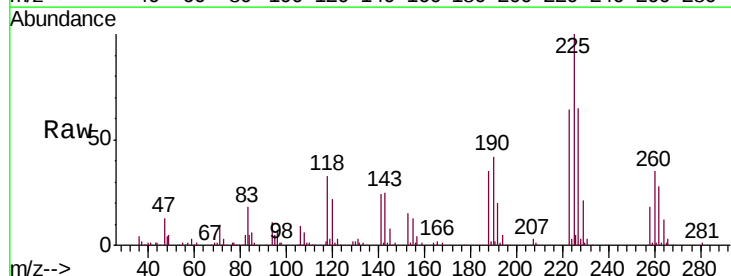


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

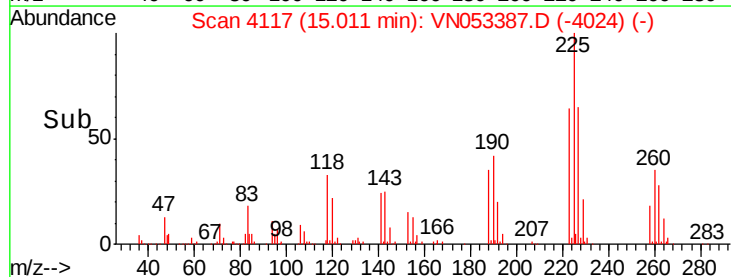
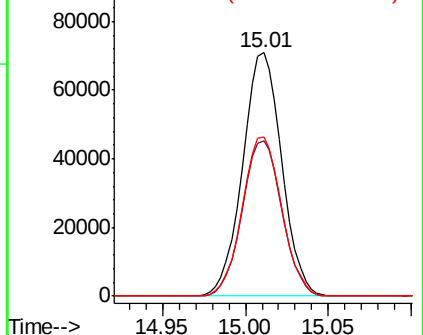


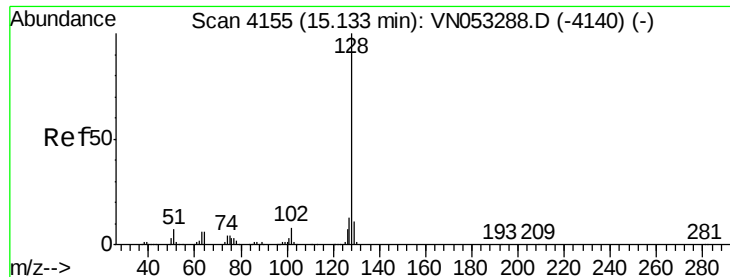
#94
 Hexachlorobutadiene
 Concen: 25.100 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053387.D
 Acq: 14 Jan 2019 13:17

Tgt Ion:225 Resp: 116697
 Ion Ratio Lower Upper
 225 100
 223 64.4 30.9 92.8
 227 65.7 31.4 94.2



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: 26.346 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN0114WBSD01

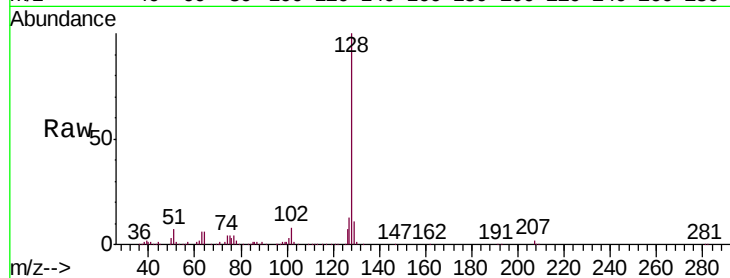
Tgt Ion:128 Resp: 255479

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

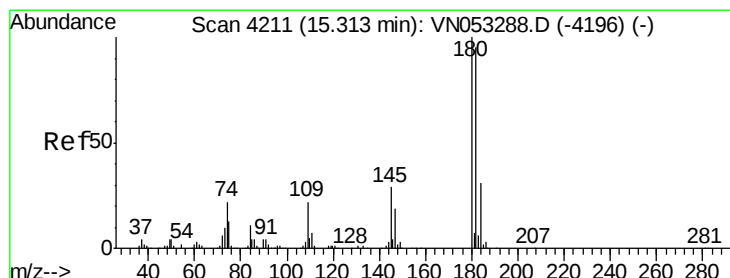
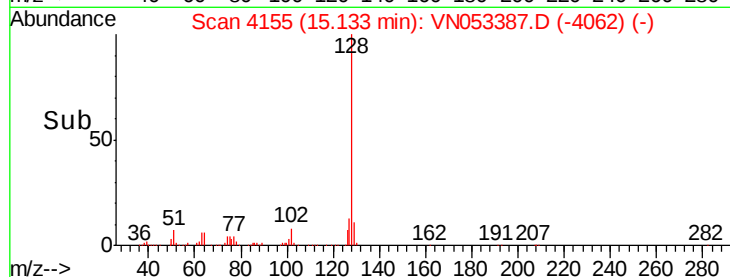
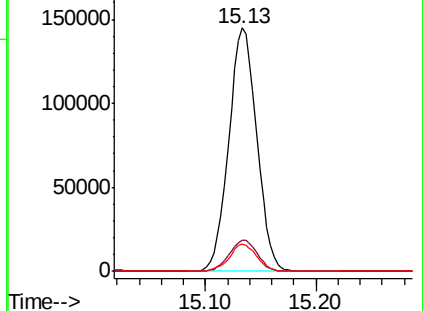
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 28.157 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053387.D

Acq: 14 Jan 2019 13:17

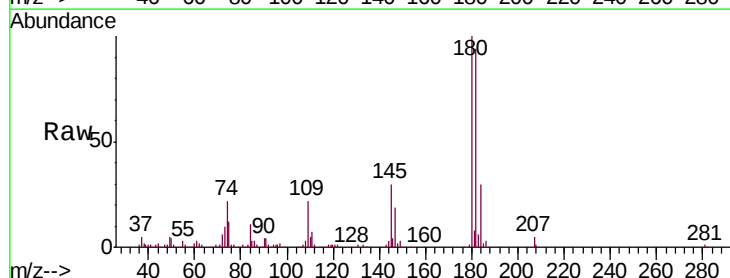
Tgt Ion:180 Resp: 104785

Ion Ratio Lower Upper

180 100

182 95.4 48.4 145.0

145 31.2 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

