

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091219\
 Data File : VN057946.D
 Acq On : 11 Sep 2019 23:51
 Operator : JC/SP
 Sample : VN0912WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

Quant Time: Sep 12 02:33:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	302083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	505374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	471100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	268776	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	321620	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
35) Dibromofluoromethane	7.58	113	225194	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
50) Toluene-d8	10.09	98	931957	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.41	95	321857	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	89335	21.384	ug/l	98
3) Chloromethane	2.03	50	81160	19.061	ug/l	98
4) Vinyl Chloride	2.16	62	85548	18.983	ug/l	96
5) Bromomethane	2.54	94	43069	16.368	ug/l	98
6) Chloroethane	2.68	64	54405	18.946	ug/l	99
7) Trichlorofluoromethane	2.99	101	103100	18.180	ug/l	98
8) Diethyl Ether	3.39	74	45875	19.395	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	71842	20.081	ug/l	99
10) Methyl Iodide	3.93	142	65971	16.571	ug/l	98
11) Tert butyl alcohol	4.77	59	73035	98.626	ug/l	99
12) 1,1-Dichloroethene	3.72	96	63276	19.671	ug/l	99
13) Acrolein	3.59	56	41174	65.537	ug/l	99
14) Allyl chloride	4.30	41	113628	18.051	ug/l	99
15) Acrylonitrile	4.96	53	206871	101.636	ug/l	99
16) Acetone	3.80	43	174437	86.969	ug/l	99
17) Carbon Disulfide	4.03	76	87204	17.522	ug/l	97
18) Methyl Acetate	4.31	43	114983	21.501	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	271074	20.250	ug/l	100
20) Methylene Chloride	4.53	84	84994	21.559	ug/l	97
21) trans-1,2-Dichloroethene	5.02	96	66576	19.146	ug/l	95
22) Diisopropyl ether	5.93	45	302416	20.486	ug/l	98
23) Vinyl Acetate	5.88	43	1053547	100.701	ug/l	100
24) 1,1-Dichloroethane	5.83	63	162682	20.164	ug/l	98
25) 2-Butanone	6.82	43	281813	97.076	ug/l	99
26) 2,2-Dichloropropane	6.81	77	93396	14.628	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	91654	19.669	ug/l	99
28) Bromochloromethane	7.18	49	84350	20.927	ug/l	97
29) Tetrahydrofuran	7.20	42	180622	100.971	ug/l	98
30) Chloroform	7.36	83	170565	20.219	ug/l	99
31) Cyclohexane	7.64	56	116859	19.909	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	129364	19.336	ug/l	98
36) 1,1-Dichloropropene	7.78	75	104772	17.876	ug/l	98
37) Ethyl Acetate	6.91	43	108267	17.879	ug/l	96
38) Carbon Tetrachloride	7.76	117	99833	18.657	ug/l	98

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Quant Time: Sep 12 02:33:41 2019
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	109829	17.826	ug/l	96
40) Benzene	8.03	78	345614	19.587	ug/l	99
41) Methacrylonitrile	7.16	41	53746	19.553	ug/l	96
42) 1,2-Dichloroethane	8.11	62	139874	19.820	ug/l	100
43) Isopropyl Acetate	8.15	43	190963	18.752	ug/l #	90
44) Trichloroethene	8.83	130	80507	18.602	ug/l	98
45) 1,2-Dichloropropane	9.11	63	101744	19.816	ug/l	97
46) Dibromomethane	9.20	93	60602	19.532	ug/l	100
47) Bromodichloromethane	9.40	83	117371	18.944	ug/l	99
48) Methyl methacrylate	9.19	41	98003	18.972	ug/l	100
49) 1,4-Dioxane	9.19	88	32599	373.173	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	618847	102.692	ug/l	100
52) Toluene	10.15	92	213315	19.194	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	112754	17.281	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	130555	18.124	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	91674	19.473	ug/l	97
56) Ethyl methacrylate	10.43	69	134767	19.010	ug/l	100
57) 1,3-Dichloropropane	10.71	76	161692	19.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	336079	100.653	ug/l	100
59) 2-Hexanone	10.75	43	440869	97.605	ug/l	100
60) Dibromochloromethane	10.90	129	77954	17.832	ug/l	99
61) 1,2-Dibromoethane	11.00	107	86474	19.430	ug/l	100
64) Tetrachloroethene	10.63	164	67841	19.504	ug/l	98
65) Chlorobenzene	11.44	112	240401	19.499	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	83698	19.564	ug/l	99
67) Ethyl Benzene	11.51	91	429977	19.900	ug/l	98
68) m/p-Xylenes	11.62	106	311615	39.372	ug/l	98
69) o-Xylene	11.95	106	153195	19.470	ug/l	95
70) Styrene	11.97	104	266631	19.690	ug/l	98
71) Bromoform	12.13	173	46575	17.462	ug/l #	96
73) Isopropylbenzene	12.25	105	426945	20.471	ug/l	100
74) N-amyl acetate	12.07	43	176077	19.399	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	138748	19.758	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	160339	26.371	ug/l #	100
77) Bromobenzene	12.53	156	103600	19.924	ug/l	93
78) n-propylbenzene	12.60	91	501766	20.951	ug/l	100
79) 2-Chlorotoluene	12.68	91	300672	19.864	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	362877	20.592	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	26256	15.196	ug/l	87
82) 4-Chlorotoluene	12.78	91	311120	20.015	ug/l	99
83) tert-Butylbenzene	13.00	119	314140	20.054	ug/l	98
84) 1,2,4-Trimethylbenzene	13.05	105	365029	20.381	ug/l	100
85) sec-Butylbenzene	13.18	105	427967	20.613	ug/l	99
86) p-Isopropyltoluene	13.29	119	367109	20.068	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	187775	19.674	ug/l	98
88) 1,4-Dichlorobenzene	13.37	146	184680	19.063	ug/l	99
89) n-Butylbenzene	13.62	91	333251	19.290	ug/l	100
90) Hexachloroethane	13.88	117	48678	17.892	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	187322	19.645	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.28	75	21331	18.394	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

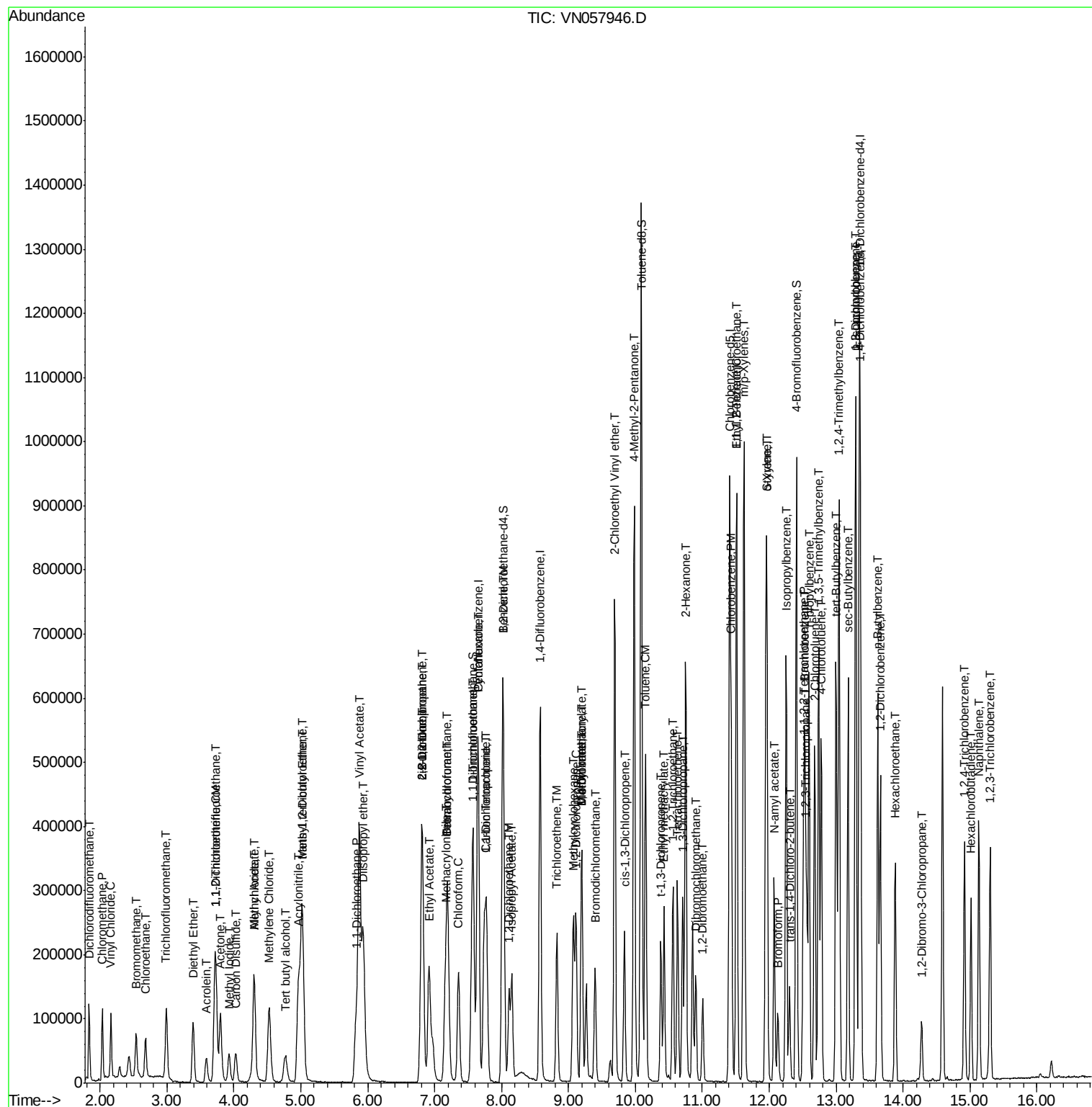
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	109744	17.609	ug/l	98
94) Hexachlorobutadiene	15.01	225	48251	18.263	ug/l	99
95) Naphthalene	15.13	128	315143	19.057	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	105792	20.054	ug/l	98

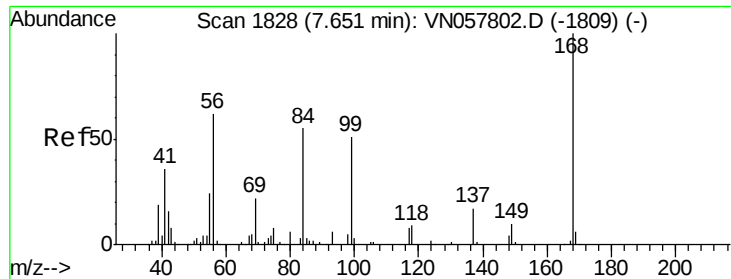
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091219\
 Data File : VN057946.D
 Acq On : 11 Sep 2019 23:51
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 Sample : VN0912WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampled :

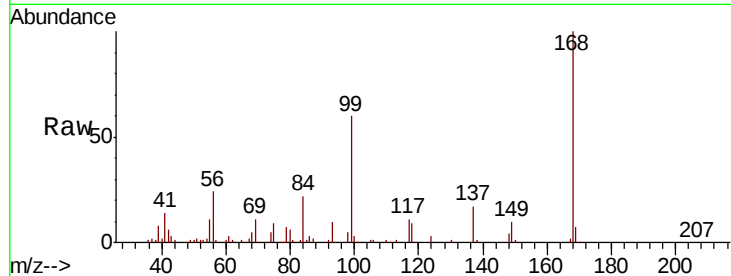
VN0912WBSD01

Tgt Ion:168 Resp: 302083

Ion Ratio Lower Upper

168 100

99 59.7 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

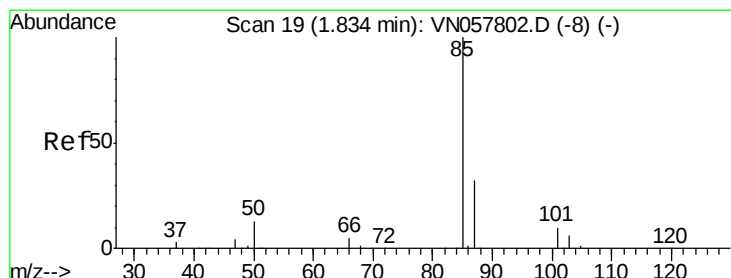
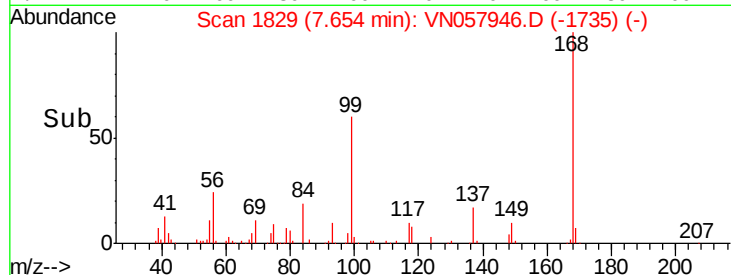
7.65

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.384 ug/l

RT: 1.84 min Scan# 20

Delta R.T. 0.00 min

Lab File: VN057946.D

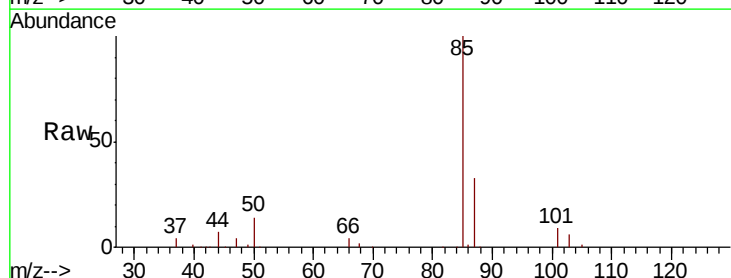
Acq: 11 Sep 2019 23:51

Tgt Ion: 85 Resp: 89335

Ion Ratio Lower Upper

85 100

87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.84

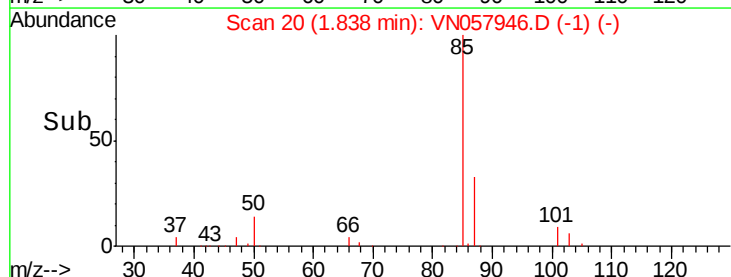
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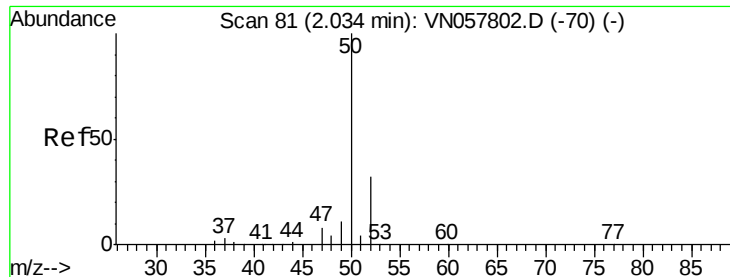
40000

20000

0

Time-->





#3

Chloromethane

Concen: 19.061 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampleId :

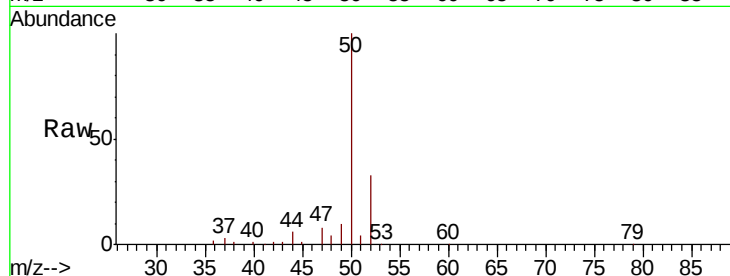
VN0912WBSD01

Tgt Ion: 50 Resp: 81160

Ion Ratio Lower Upper

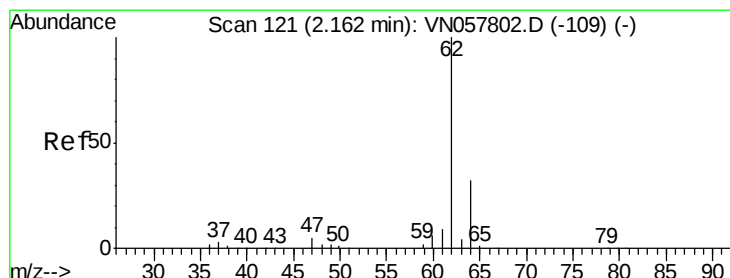
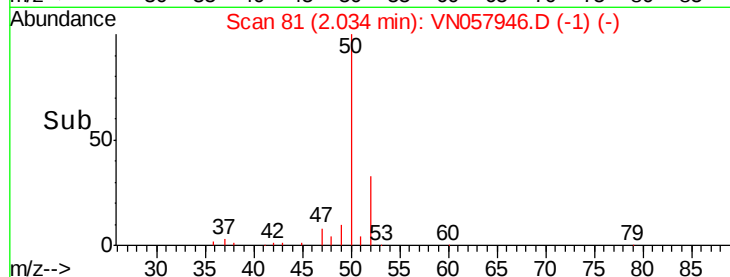
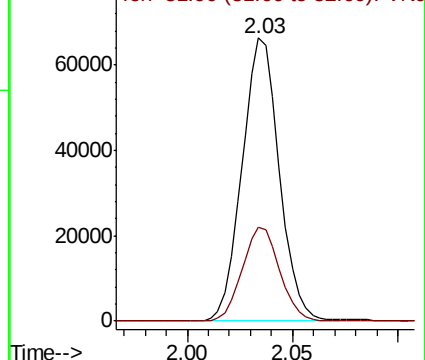
50 100

52 33.2 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 18.983 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN057946.D

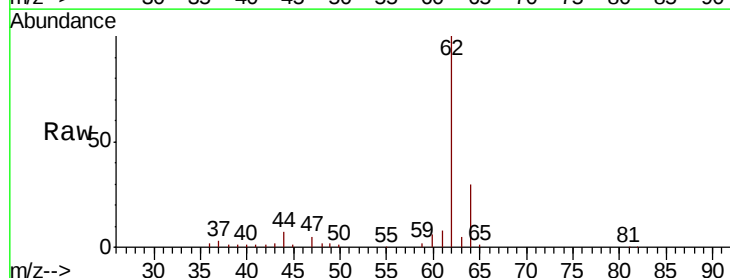
Acq: 11 Sep 2019 23:51

Tgt Ion: 62 Resp: 85548

Ion Ratio Lower Upper

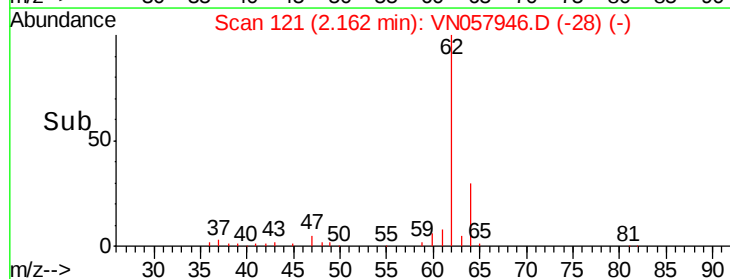
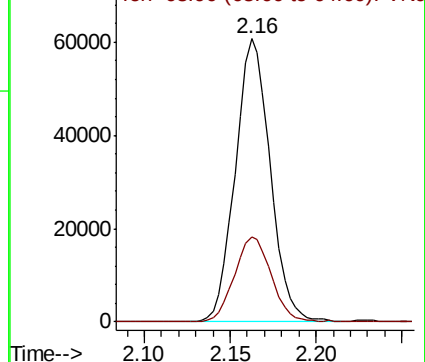
62 100

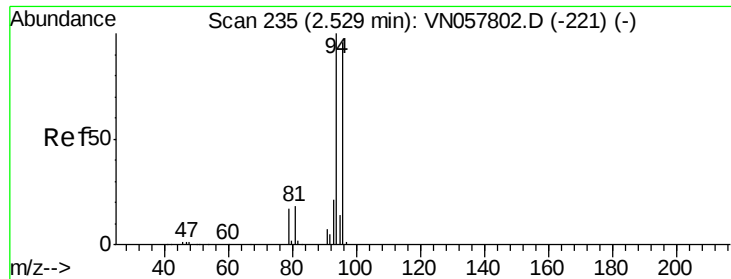
64 29.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 16.368 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.01 min

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Acq: 11 Sep 2019 23:51

Instrument :

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ClientSampleId :

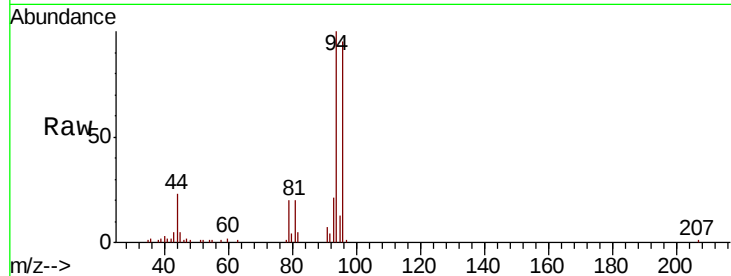
VN0912WBSD01

Tgt Ion: 94 Resp: 43069

Ion Ratio Lower Upper

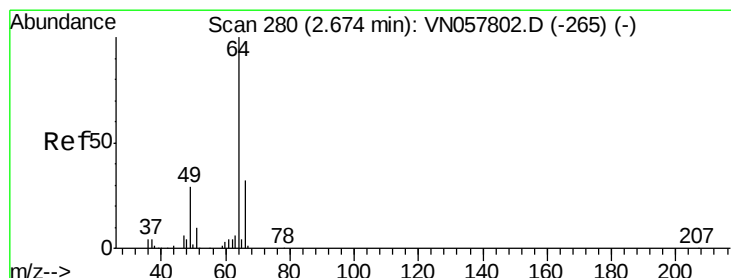
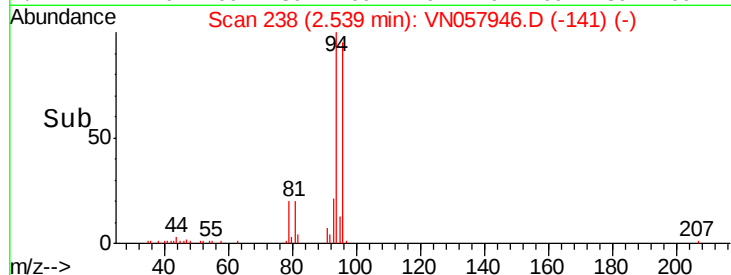
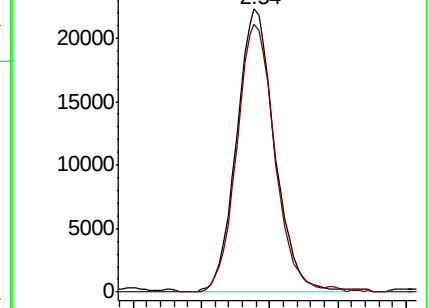
94 100

96 94.6 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.946 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.01 min

Lab File: VN057946.D

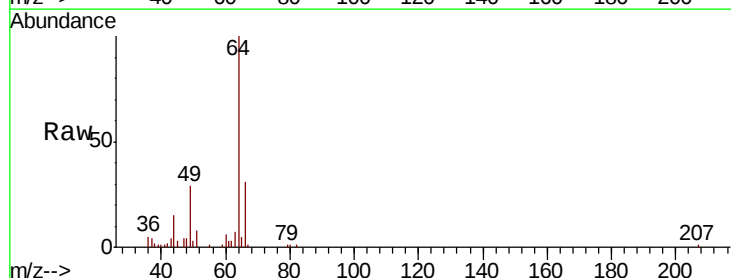
Acq: 11 Sep 2019 23:51

Tgt Ion: 64 Resp: 54405

Ion Ratio Lower Upper

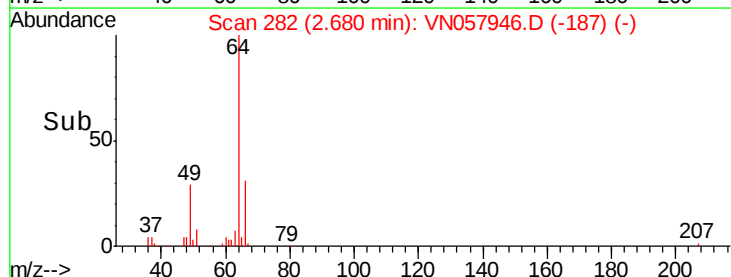
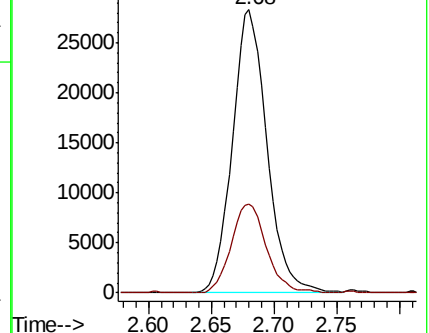
64 100

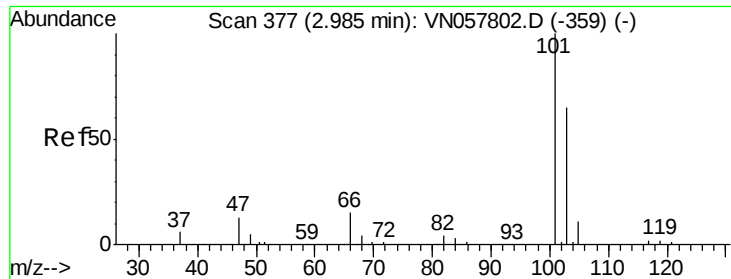
66 31.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



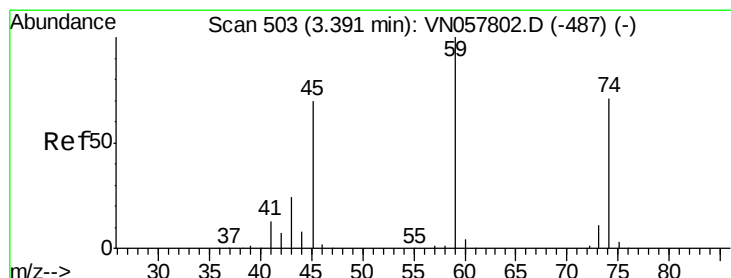
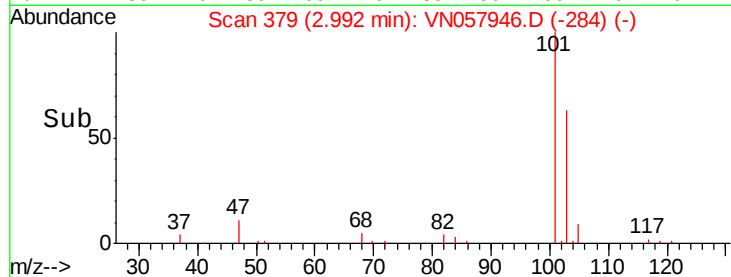
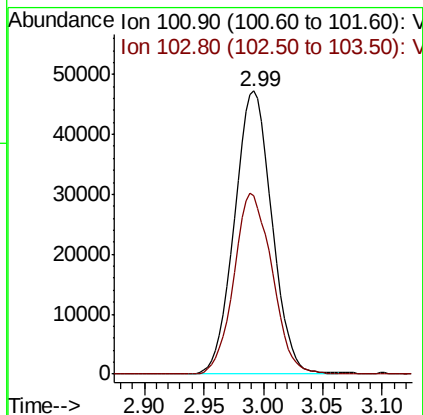
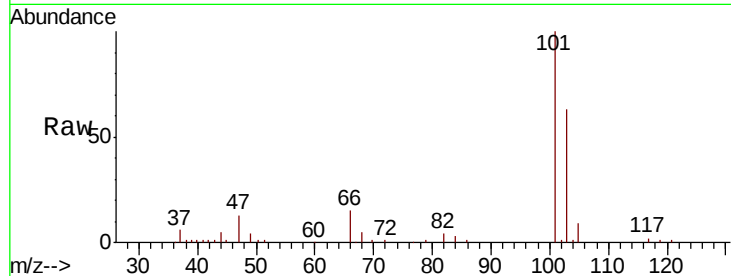


#7

Trichlorofluoromethane
 Concen: 18.180 ug/l
 RT: 2.99 min Scan# 379
 Delta R.T. 0.01 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

Instrument :
 MSVOA_N
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 VN0912WBSD01

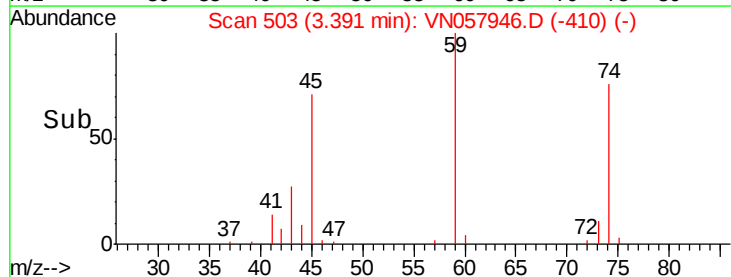
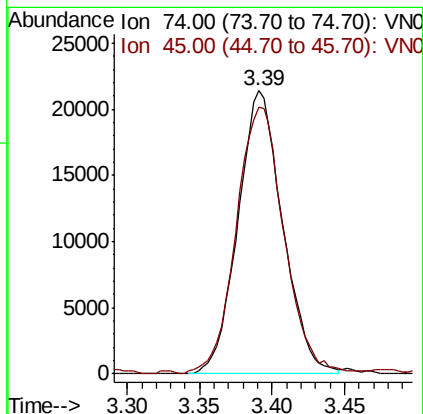
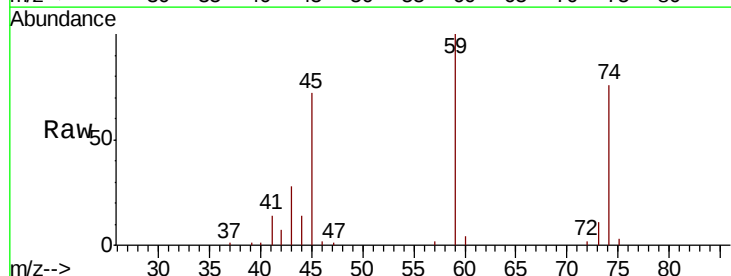
Tgt Ion:101 Resp: 103100
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.9 77.9

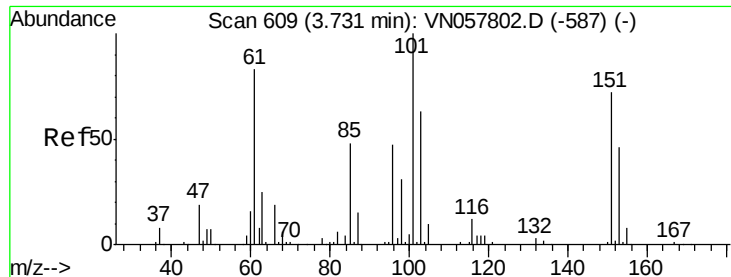


#8

Diethyl Ether
 Concen: 19.395 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

Tgt Ion: 74 Resp: 45875
 Ion Ratio Lower Upper
 74 100
 45 100.8 50.3 151.0

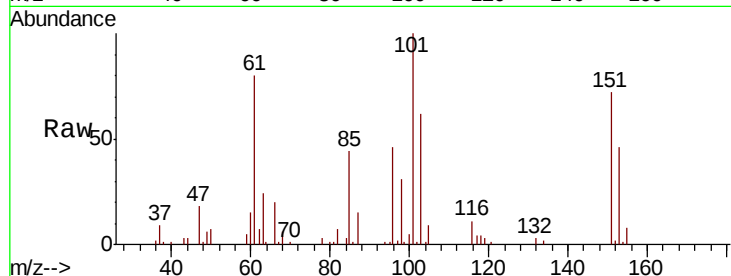




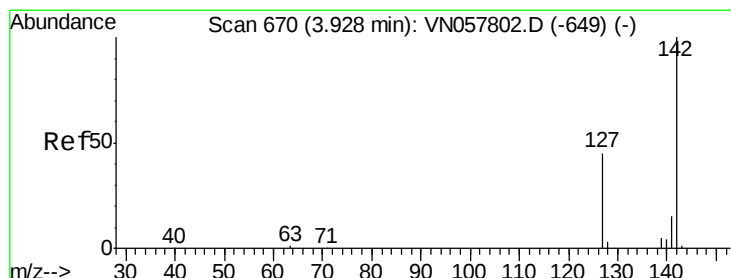
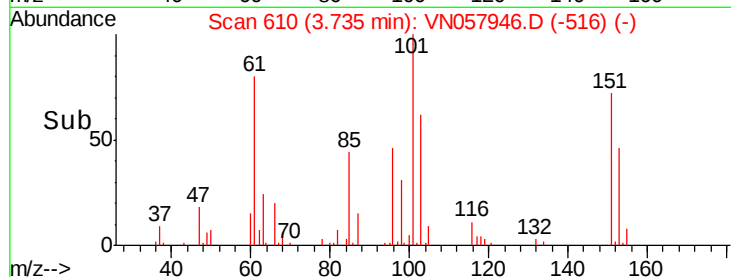
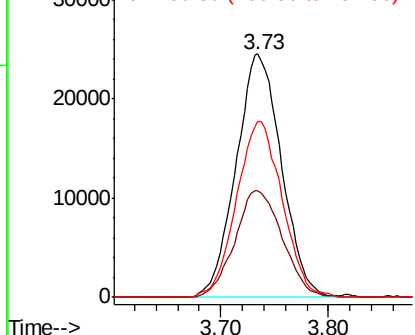
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.081 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

Tgt Ion:101 Resp: 71842
 Ion Ratio Lower Upper
 101 100
 85 46.0 38.1 57.1
 151 72.7 58.4 87.6

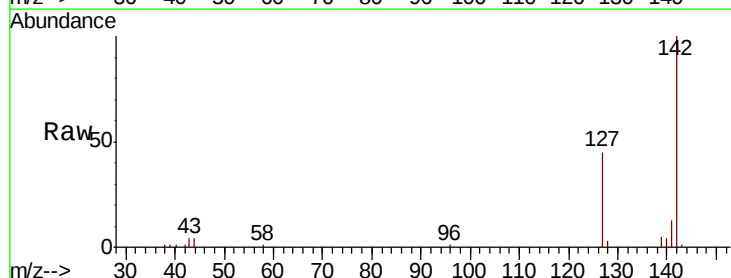


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

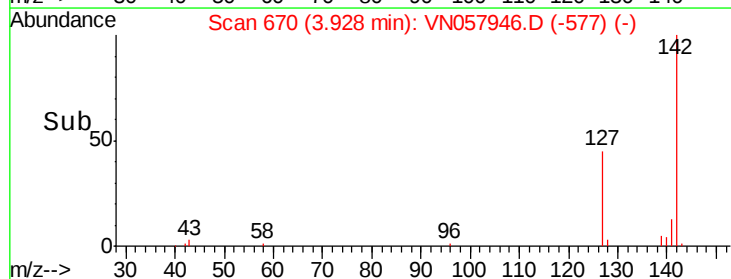
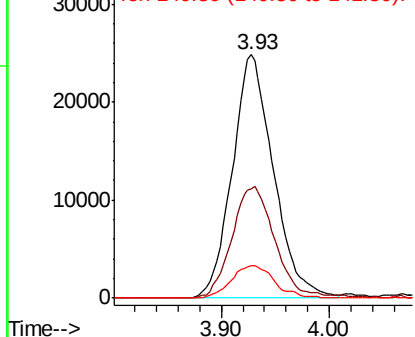


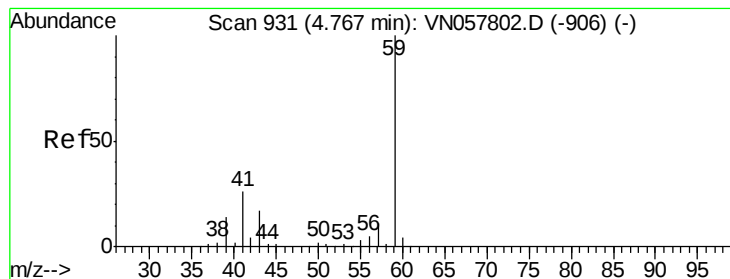
#10
 Methyl Iodide
 Concen: 16.571 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

Tgt Ion:142 Resp: 65971
 Ion Ratio Lower Upper
 142 100
 127 47.3 36.7 55.1
 141 14.0 11.4 17.0



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



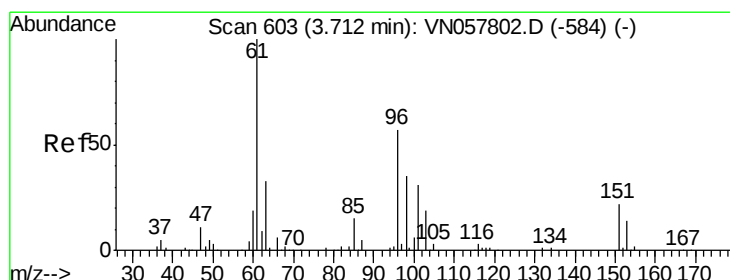
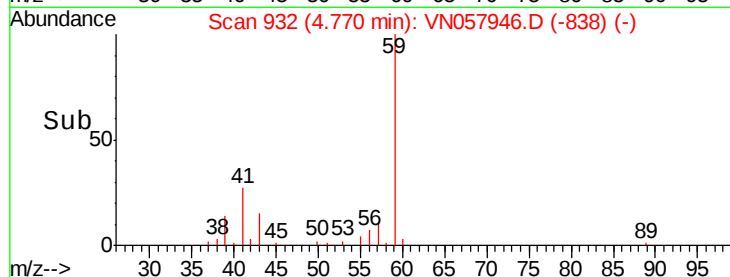
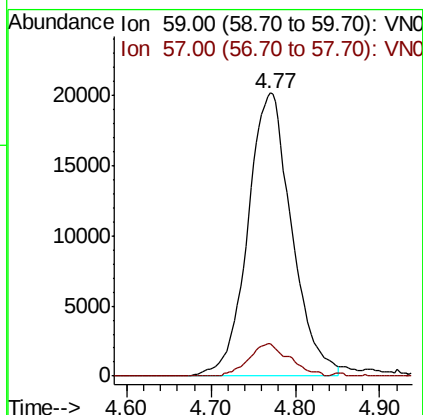
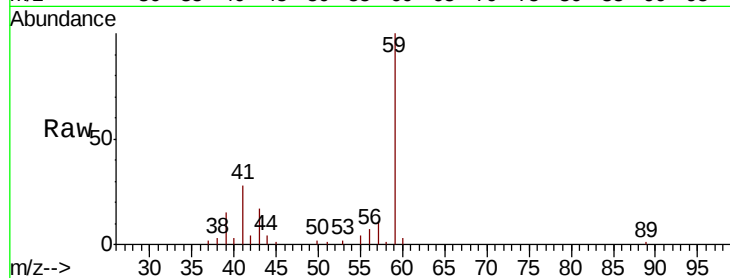


#11

Tert butyl alcohol
 Concen: 98.626 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

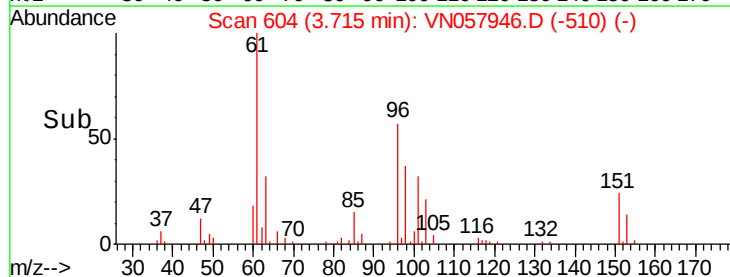
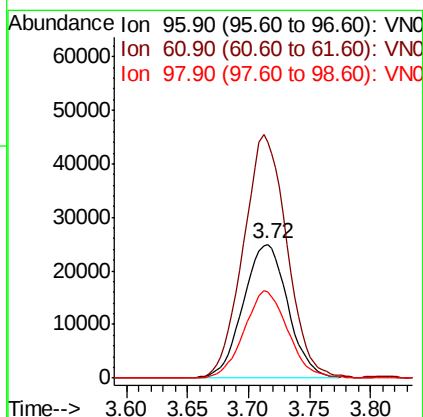
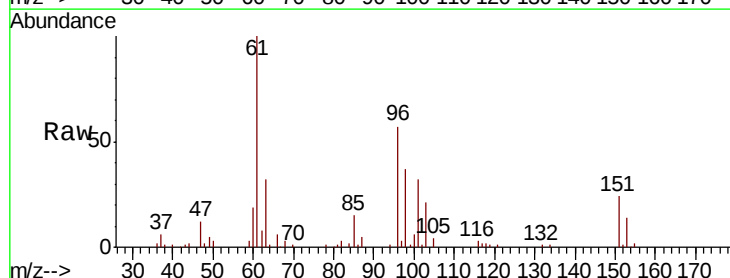
Tgt Ion: 59 Resp: 73035
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.4 12.6

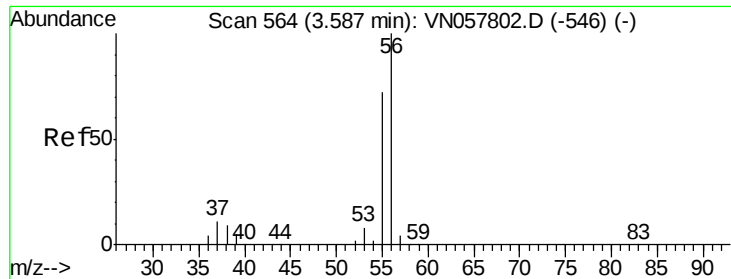


#12

1,1-Dichloroethene
 Concen: 19.671 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

Tgt Ion: 96 Resp: 63276
 Ion Ratio Lower Upper
 96 100
 61 176.6 141.2 211.8
 98 64.5 49.9 74.9





#13

Acrolein

Concen: 65.537 ug/l

RT: 3.59 min Scan# 565

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampleId :

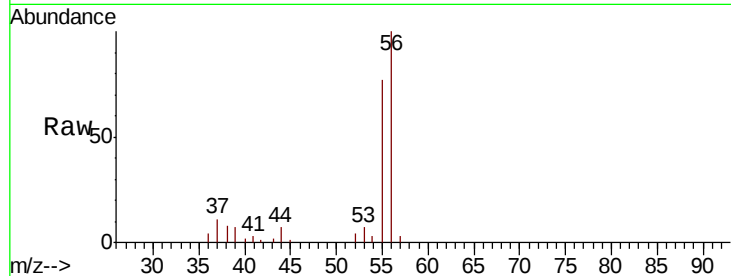
VN0912WBSD01

Tgt Ion: 56 Resp: 41174

Ion Ratio Lower Upper

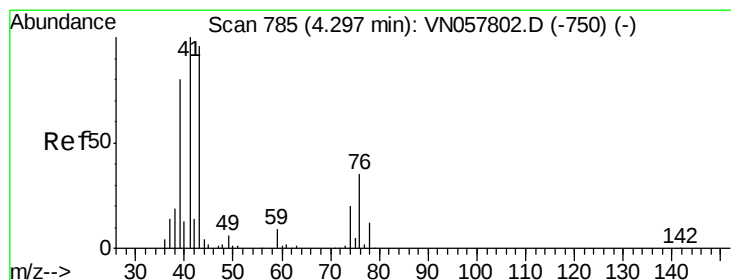
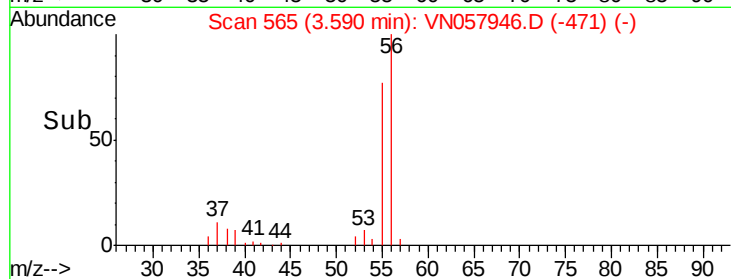
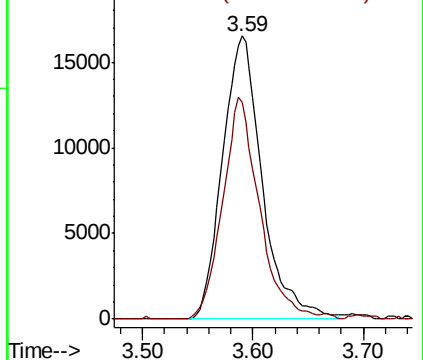
56 100

55 72.5 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.051 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

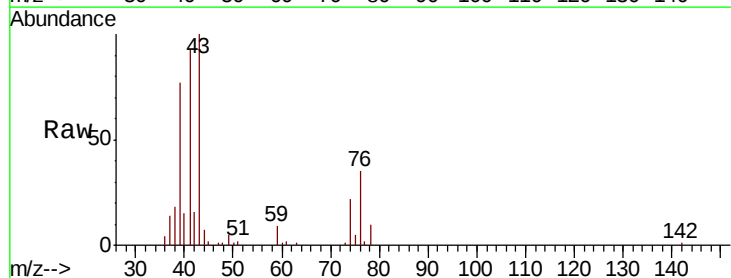
Tgt Ion: 41 Resp: 113628

Ion Ratio Lower Upper

41 100

39 75.3 59.4 89.2

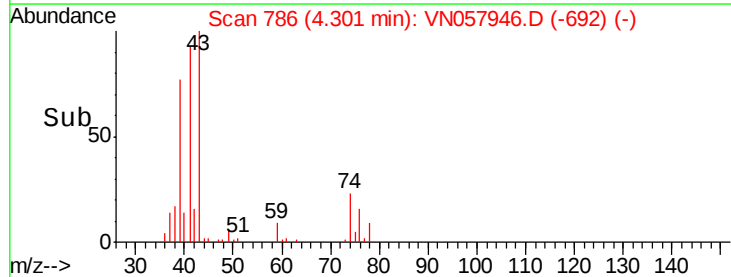
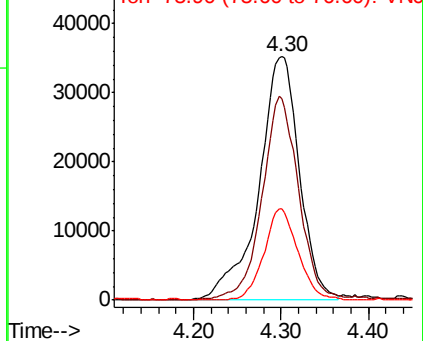
76 31.3 26.0 39.0



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 101.636 ug/l

RT: 4.96 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

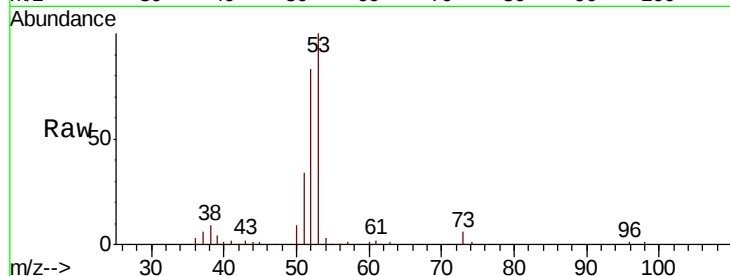
Tgt Ion: 53 Resp: 206871

Ion Ratio Lower Upper

53 100

52 82.1 66.6 100.0

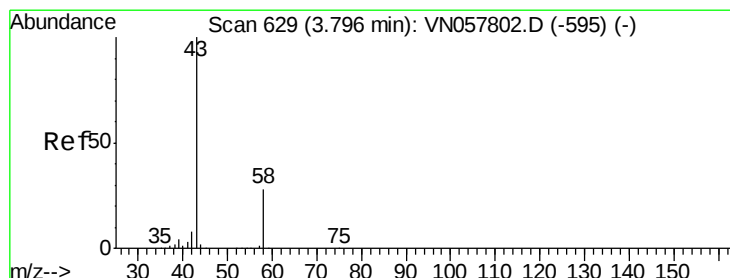
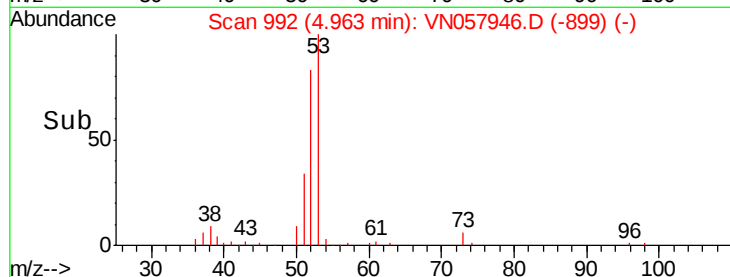
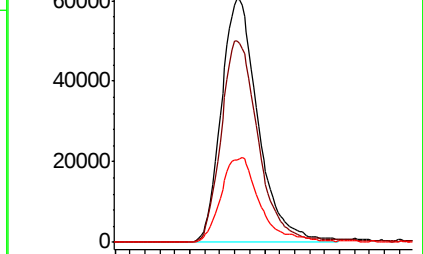
51 36.6 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN057802.D (-969) (-)

Ion 52.00 (51.70 to 52.70): VN057802.D (-969) (-)

Ion 51.00 (50.70 to 51.70): VN057802.D (-969) (-)



#16

Acetone

Concen: 86.969 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057946.D

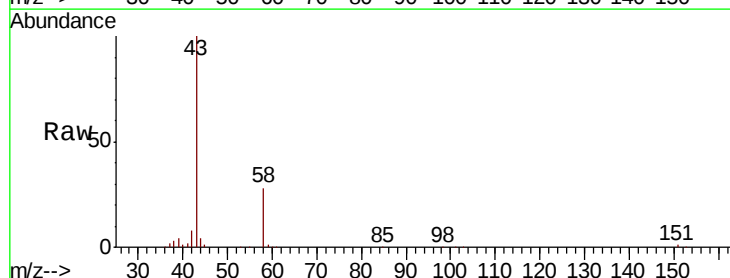
Acq: 11 Sep 2019 23:51

Tgt Ion: 43 Resp: 174437

Ion Ratio Lower Upper

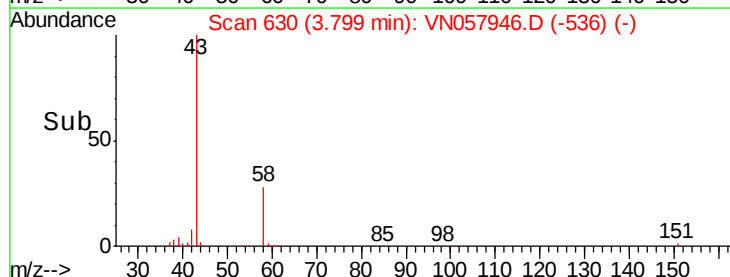
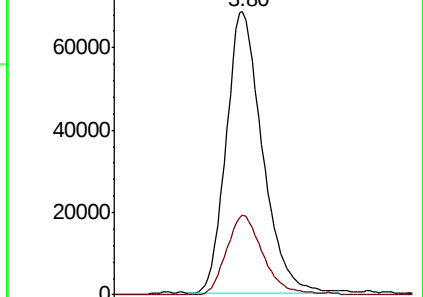
43 100

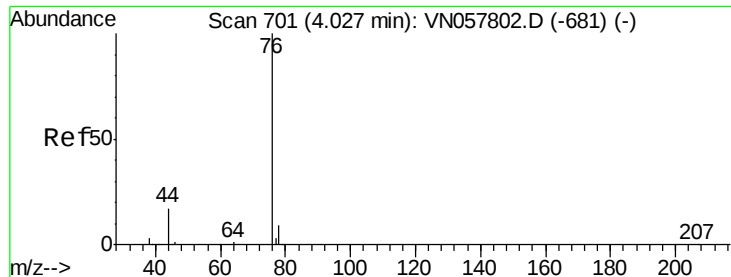
58 28.0 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-595) (-)

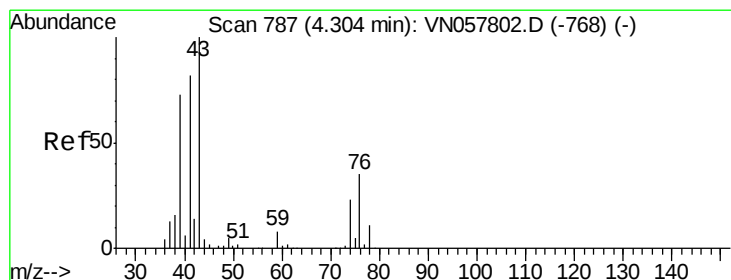
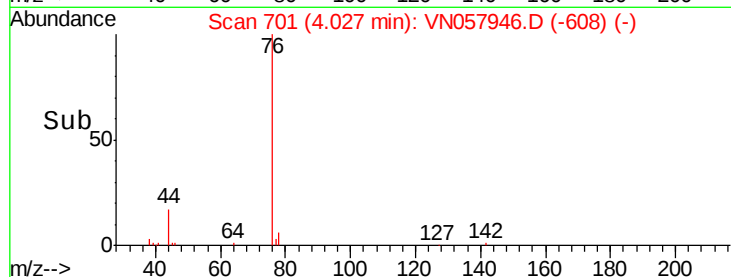
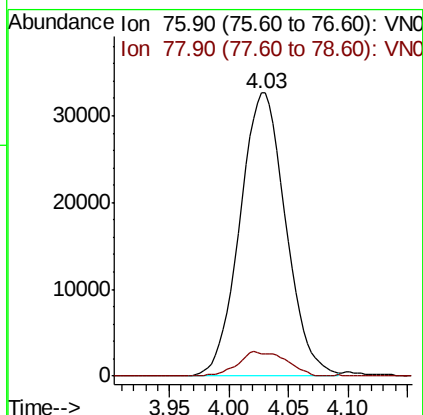
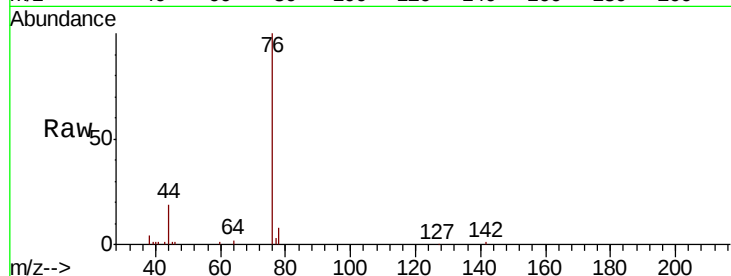




#17
Carbon Disulfide
Concen: 17.522 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN057946.D
Acq: 11 Sep 2019 23:51

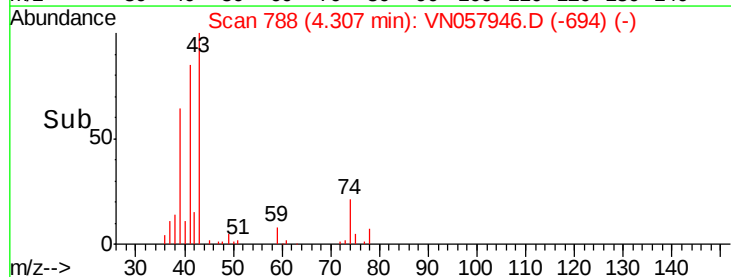
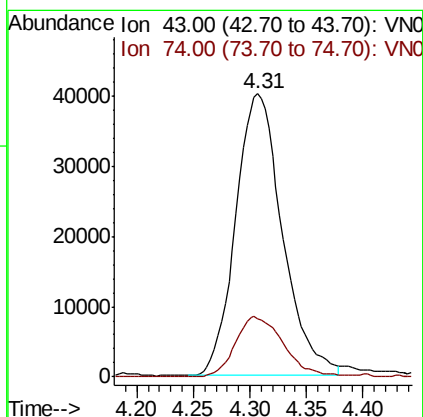
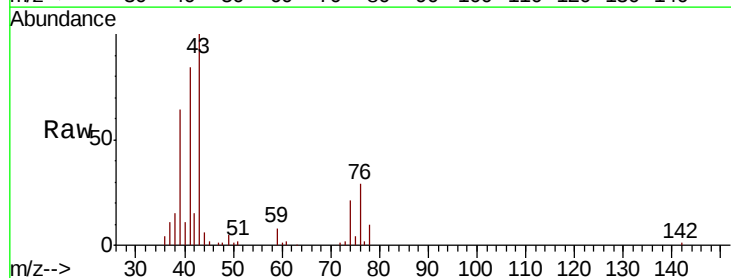
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

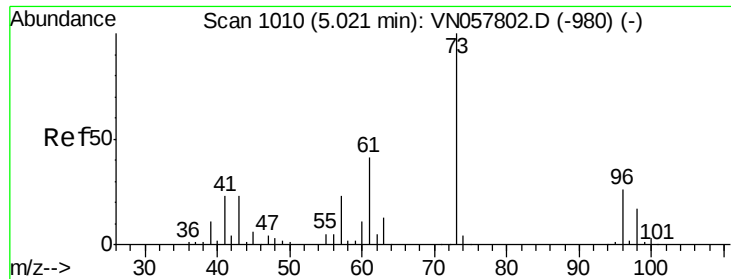
Tgt Ion: 76 Resp: 87204
Ion Ratio Lower Upper
76 100
78 8.0 7.1 10.7



#18
Methyl Acetate
Concen: 21.501 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN057946.D
Acq: 11 Sep 2019 23:51

Tgt Ion: 43 Resp: 114983
Ion Ratio Lower Upper
43 100
74 22.1 17.9 26.9

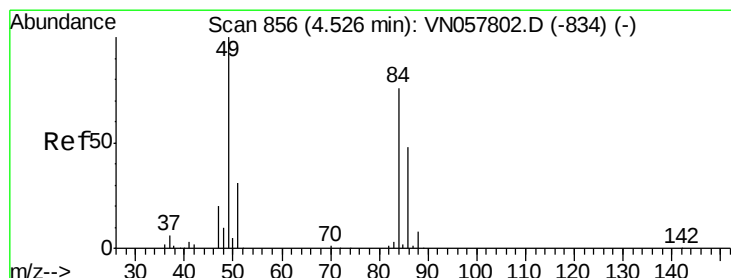
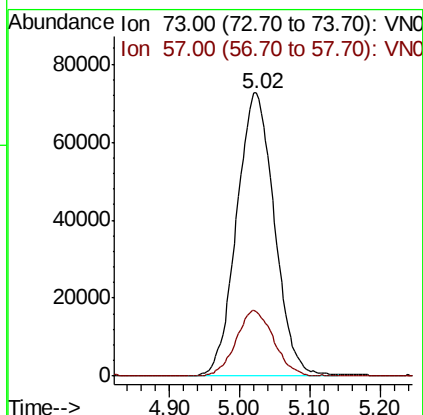
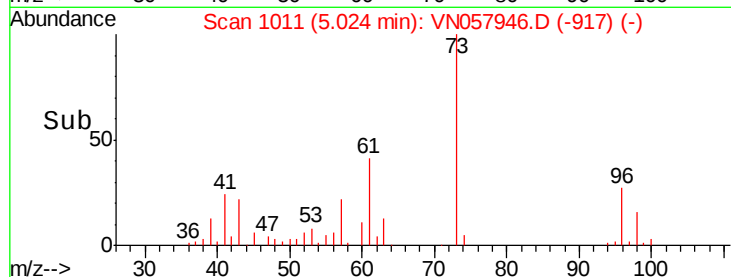
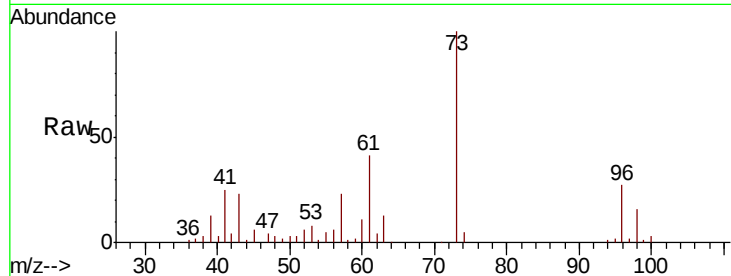




#19
Methyl tert-butyl Ether
Concen: 20.250 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN057946.D
Acq: 11 Sep 2019 23:51

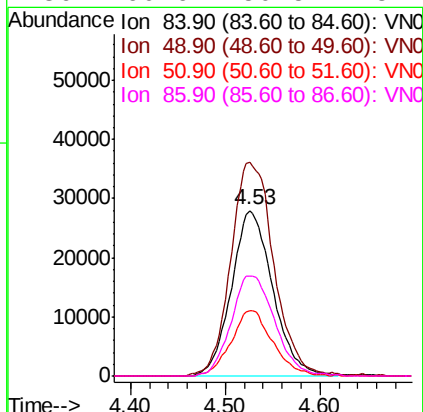
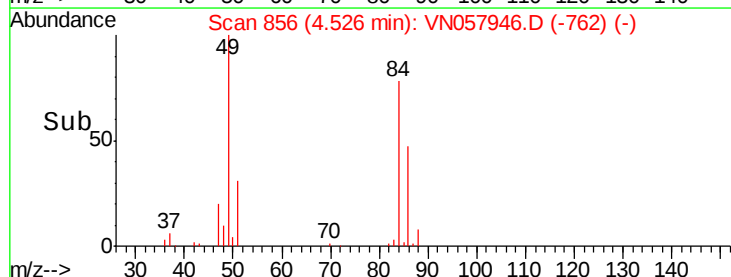
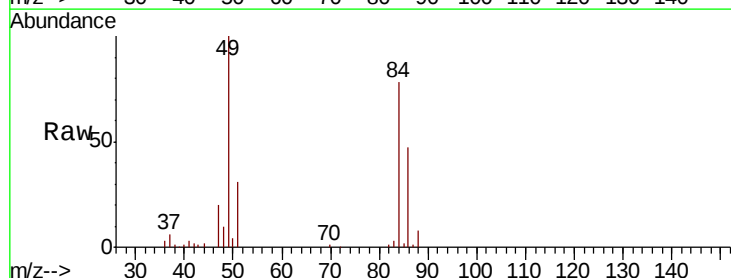
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

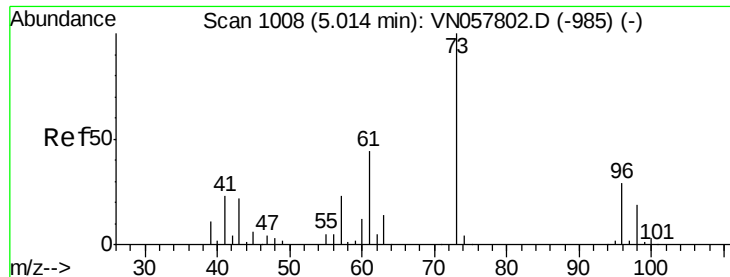
Tgt Ion: 73 Resp: 271074
Ion Ratio Lower Upper
73 100
57 22.9 18.2 27.2



#20
Methylene Chloride
Concen: 21.559 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN057946.D
Acq: 11 Sep 2019 23:51

Tgt Ion: 84 Resp: 84994
Ion Ratio Lower Upper
84 100
49 128.2 104.8 157.2
51 39.6 33.0 49.4
86 60.6 50.5 75.7

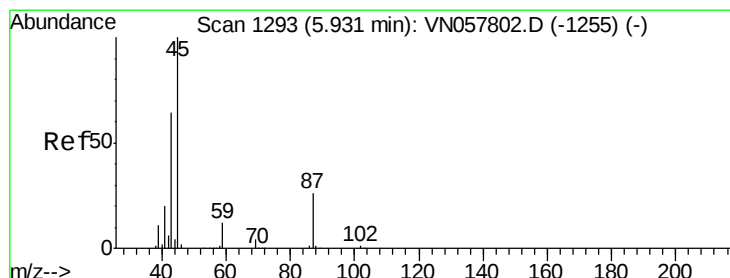
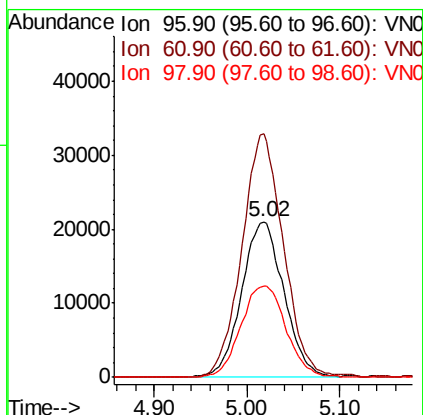
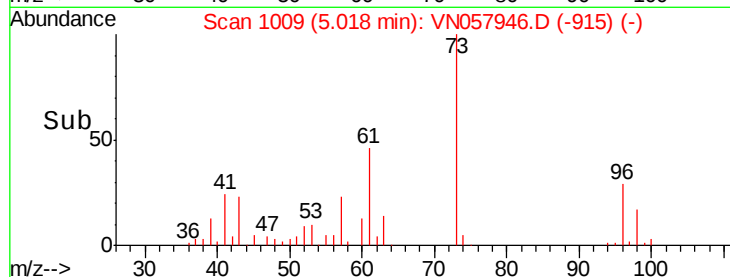
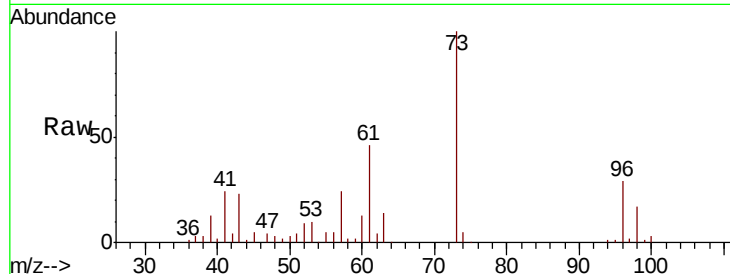




#21
trans-1,2-Dichloroethene
Concen: 19.146 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN057946.D
Acq: 11 Sep 2019 23:51

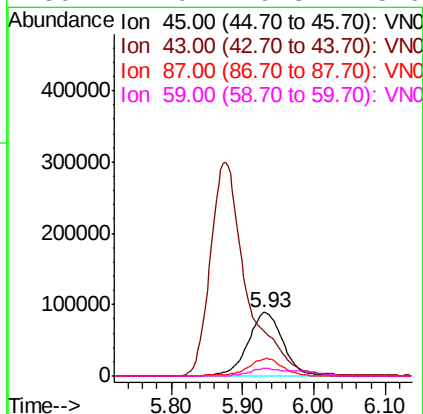
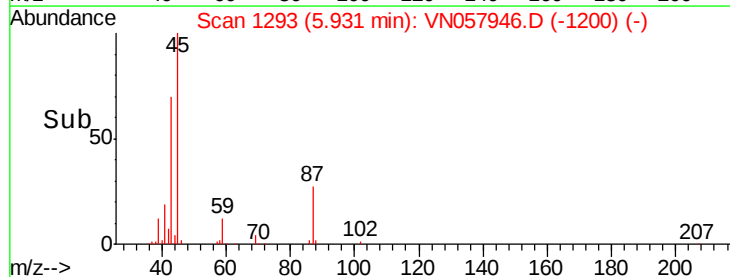
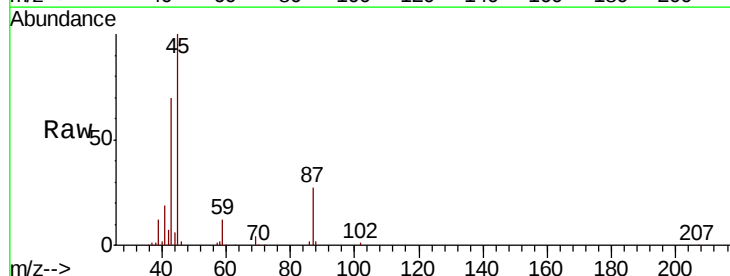
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 96 Resp: 66576
Ion Ratio Lower Upper
96 100
61 156.7 121.9 182.9
98 58.9 52.2 78.4



#22
Diisopropyl ether
Concen: 20.486 ug/l
RT: 5.93 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VN057946.D
Acq: 11 Sep 2019 23:51

Tgt Ion: 45 Resp: 302416
Ion Ratio Lower Upper
45 100
43 67.0 51.4 77.2
87 26.9 21.3 31.9
59 12.0 9.3 13.9





#23

Vinyl Acetate

Concen: 100.701 ug/l

RT: 5.88 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampleId :

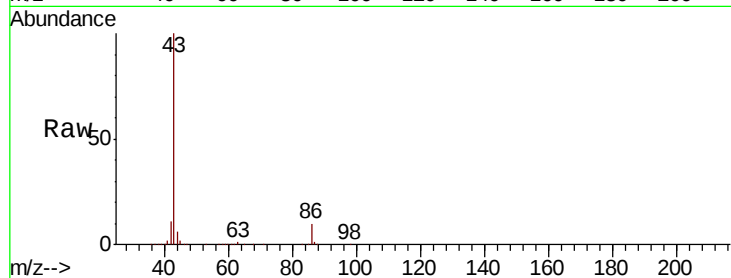
VN0912WBSD01

Tgt Ion: 43 Resp: 1053547

Ion Ratio Lower Upper

43 100

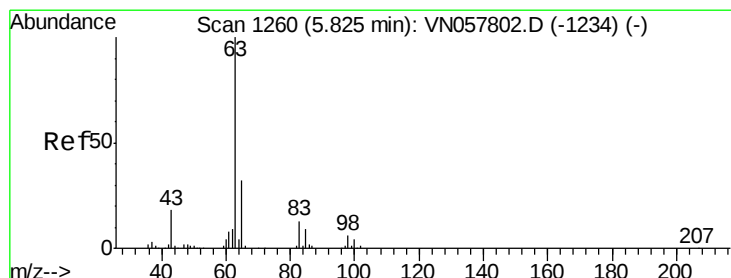
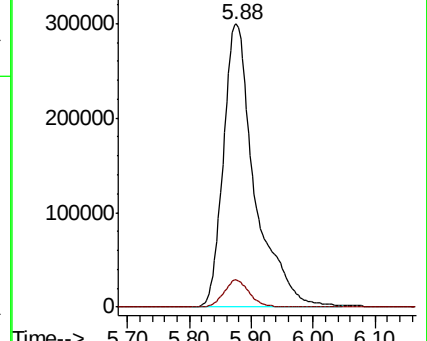
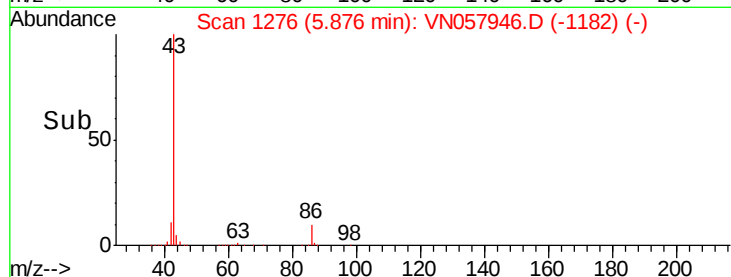
86 9.5 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1250) (-)

Ion 86.00 (85.70 to 86.70): VN057802.D (-1250) (-)

Time-->



#24

1,1-Dichloroethane

Concen: 20.164 ug/l

RT: 5.83 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

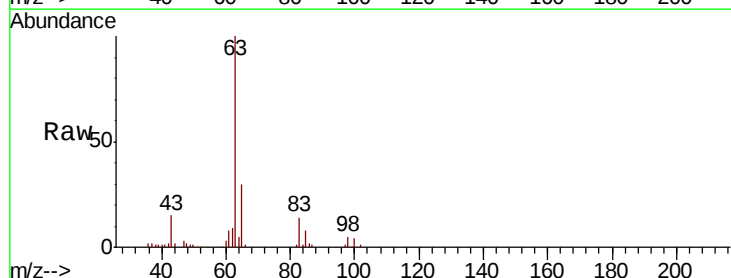
Tgt Ion: 63 Resp: 162682

Ion Ratio Lower Upper

63 100

98 5.2 3.0 9.2

100 3.5 2.0 5.8

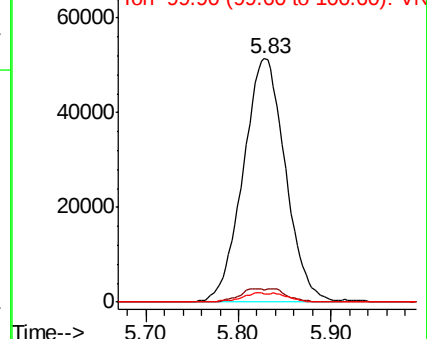
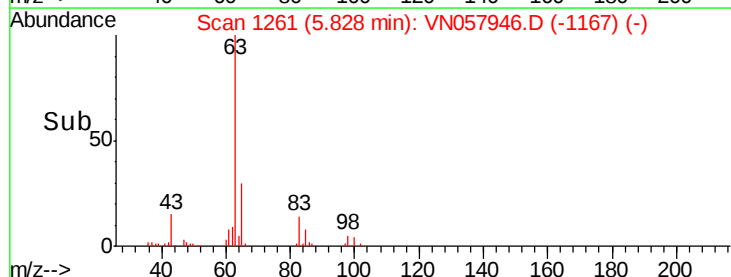


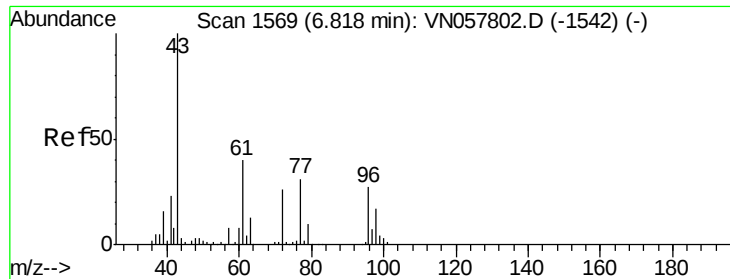
Abundance Ion 62.90 (62.60 to 63.60): VN057802.D (-1234) (-)

Ion 97.90 (97.60 to 98.60): VN057802.D (-1234) (-)

Ion 99.90 (99.60 to 100.60): VN057802.D (-1234) (-)

Time-->

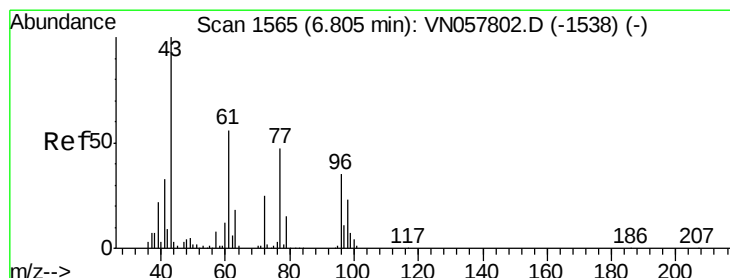
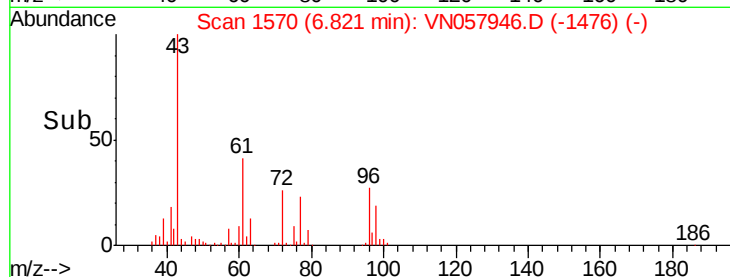
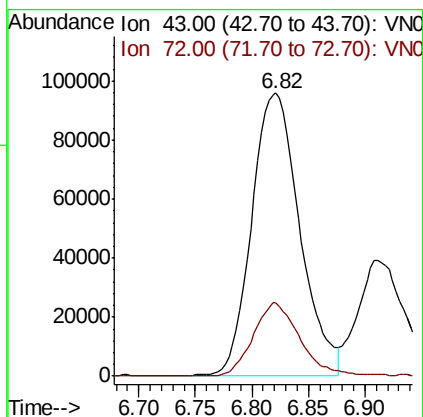
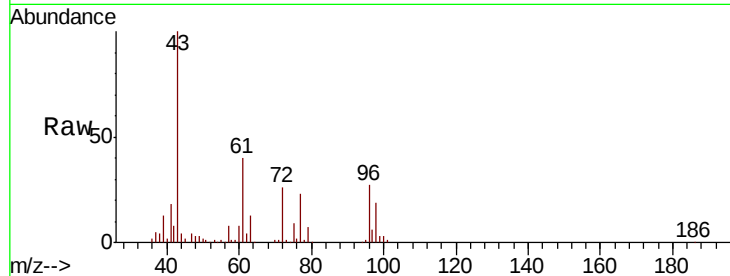




#25
 2-Butanone
 Concen: 97.076 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

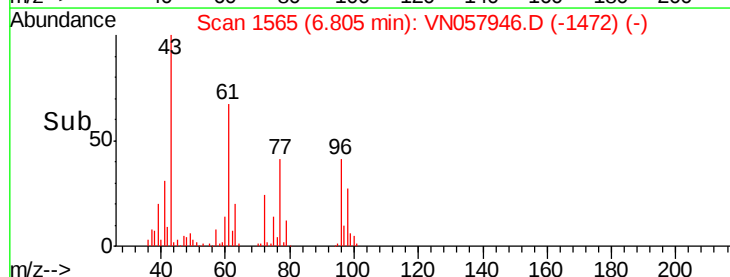
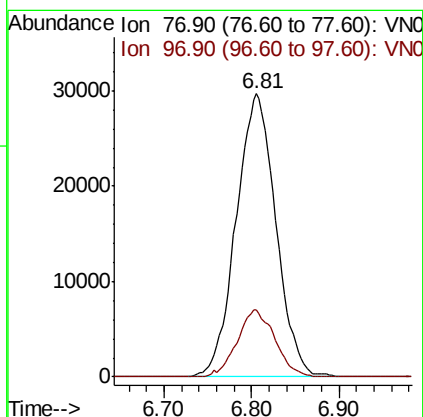
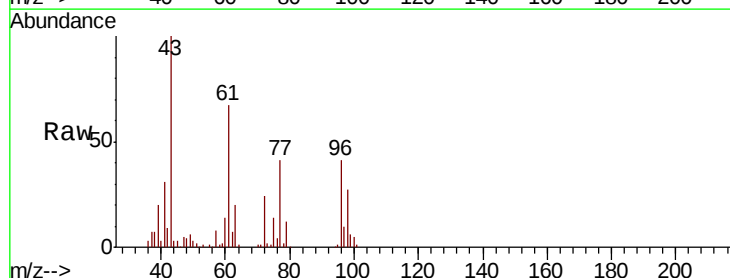
Instrument :
 MSVOA_N
 ClientSampled :
 VN0912WBSD01

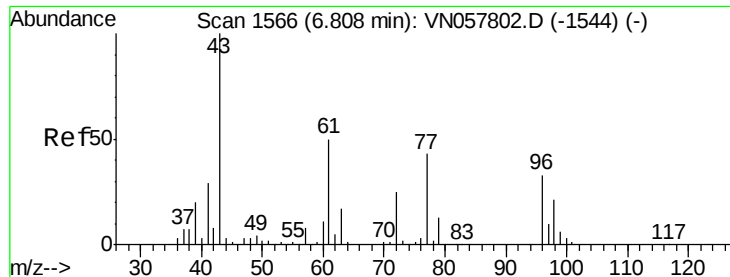
Tgt Ion: 43 Resp: 281813
 Ion Ratio Lower Upper
 43 100
 72 26.1 20.6 30.8



#26
 2,2-Dichloropropane
 Concen: 14.628 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

Tgt Ion: 77 Resp: 93396
 Ion Ratio Lower Upper
 77 100
 97 22.6 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 19.669 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

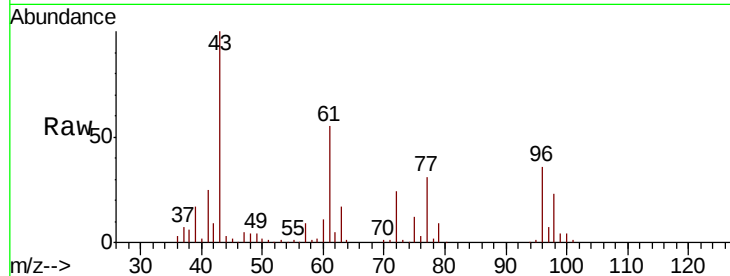
Tgt Ion: 96 Resp: 91654

Ion Ratio Lower Upper

96 100

61 156.1 0.0 314.0

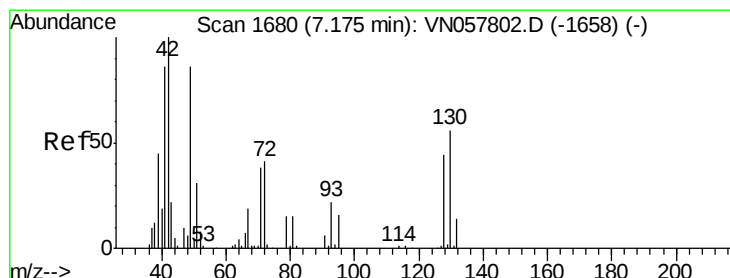
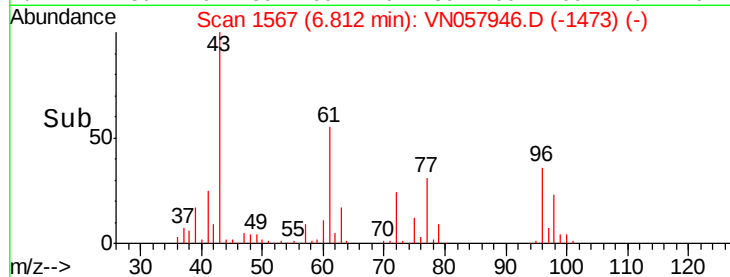
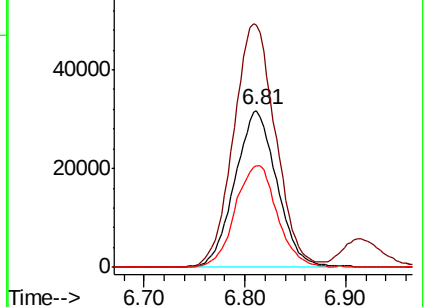
98 65.0 0.0 128.6



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: 20.927 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

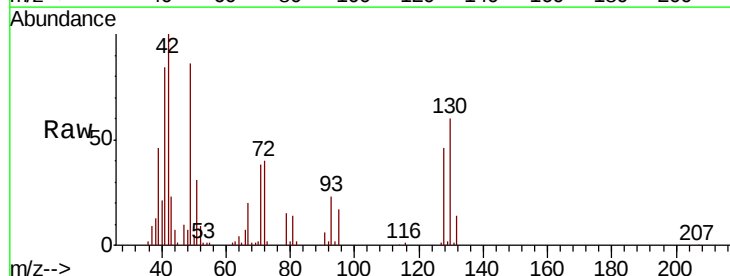
Tgt Ion: 49 Resp: 84350

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

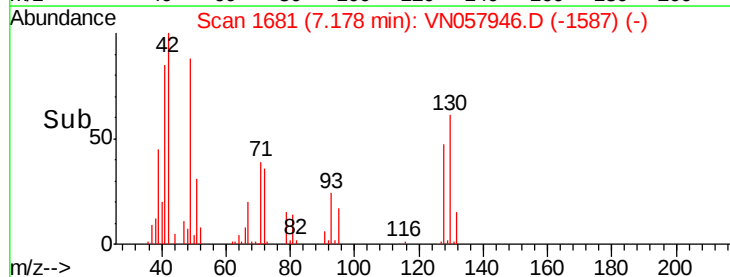
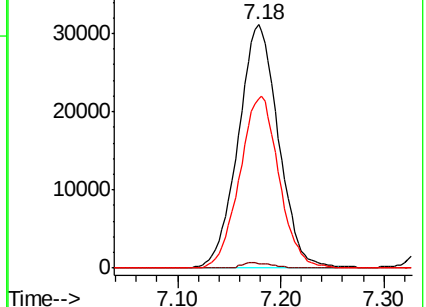
130 68.9 53.0 79.6

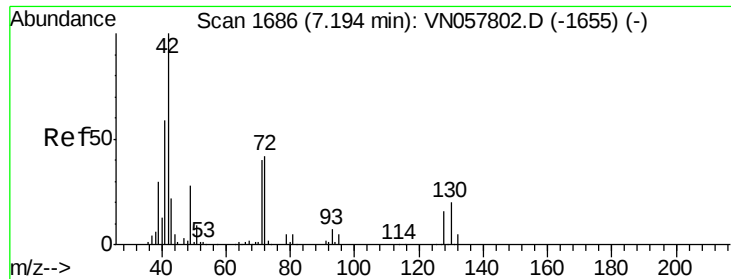


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 100.971 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

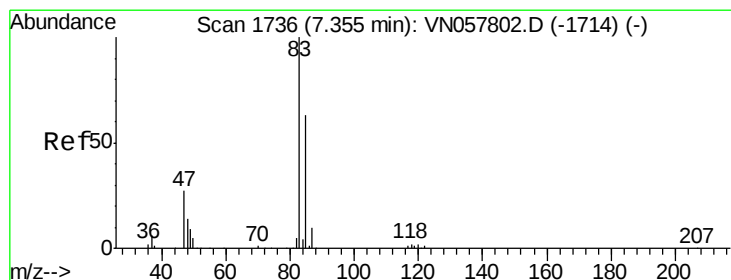
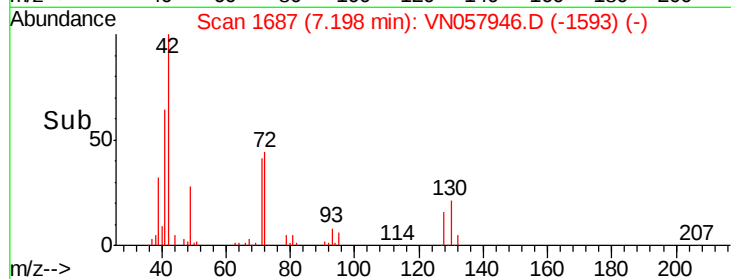
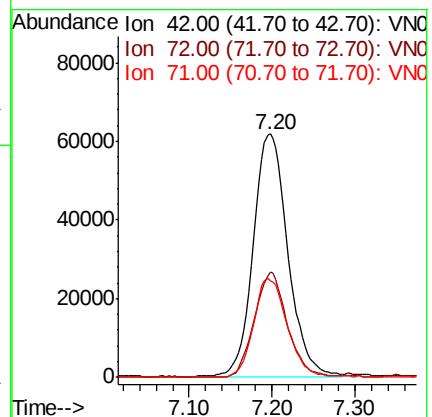
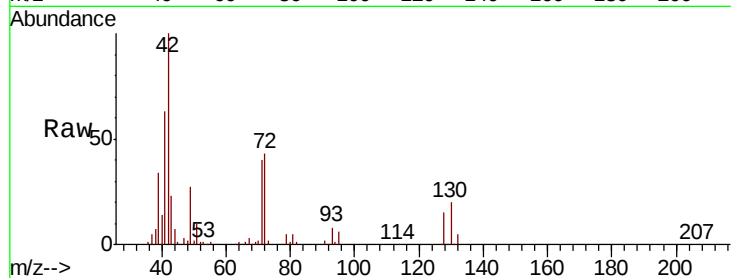
Tgt Ion: 42 Resp: 180622

Ion Ratio Lower Upper

42 100

72 40.8 33.7 50.5

71 39.2 31.9 47.9



#30

Chloroform

Concen: 20.219 ug/l

RT: 7.36 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VN057946.D

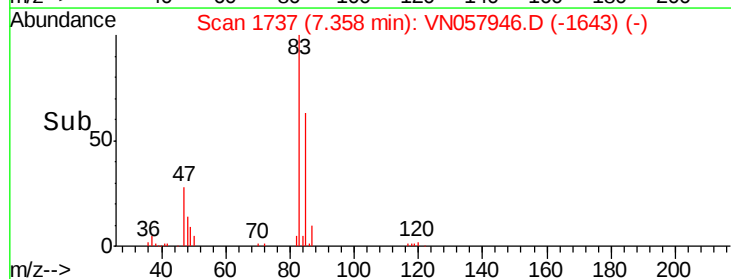
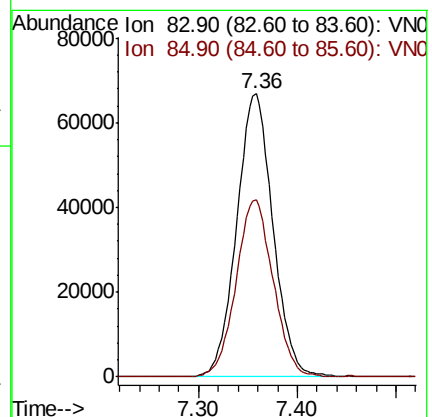
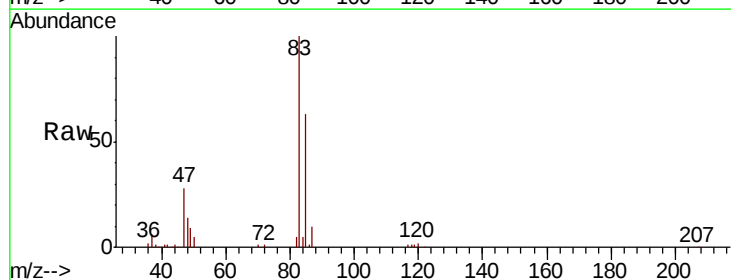
Acq: 11 Sep 2019 23:51

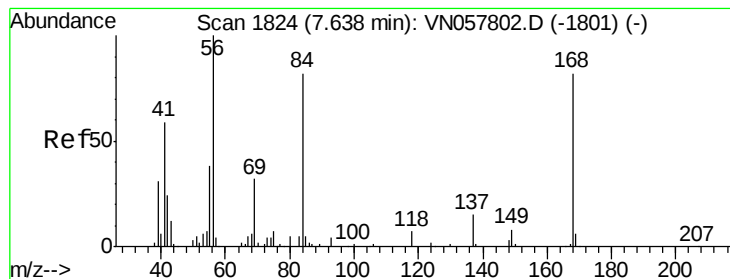
Tgt Ion: 83 Resp: 170565

Ion Ratio Lower Upper

83 100

85 62.6 50.6 75.8





#31

Cyclohexane

Concen: 19.909 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

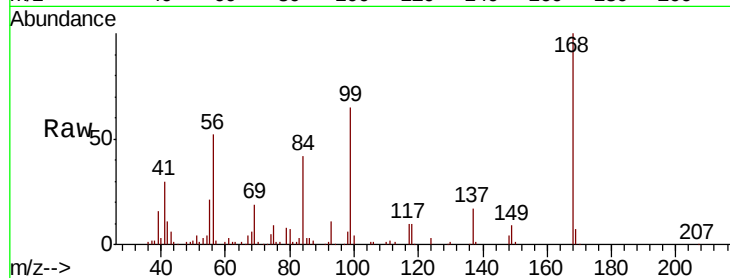
Tgt Ion: 56 Resp: 116859

Ion Ratio Lower Upper

56 100

69 35.8 25.9 38.9

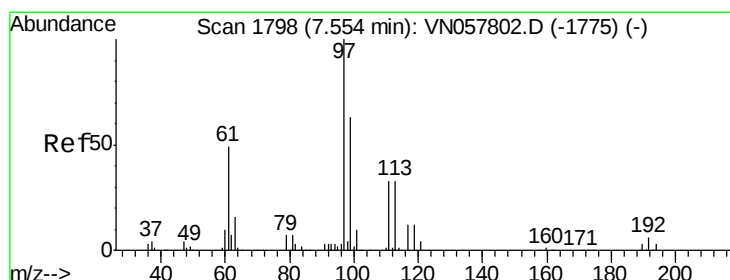
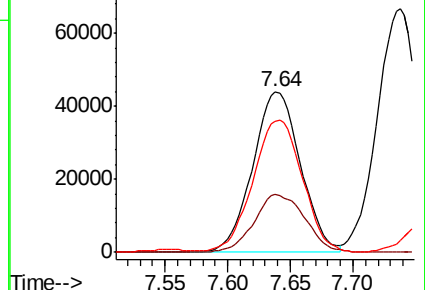
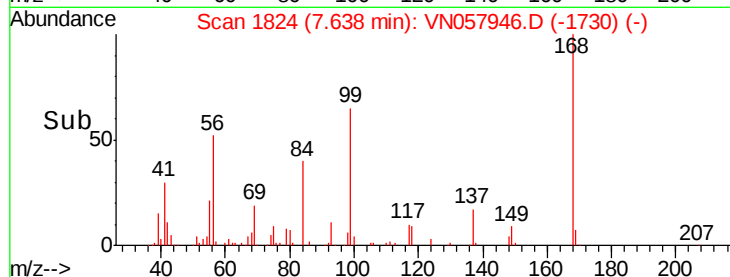
84 79.8 65.6 98.4



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: 19.336 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

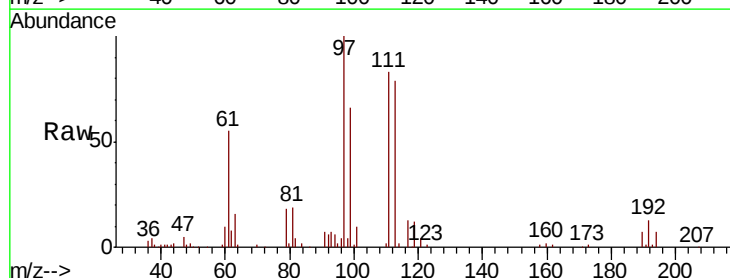
Tgt Ion: 97 Resp: 129364

Ion Ratio Lower Upper

97 100

99 62.9 51.0 76.4

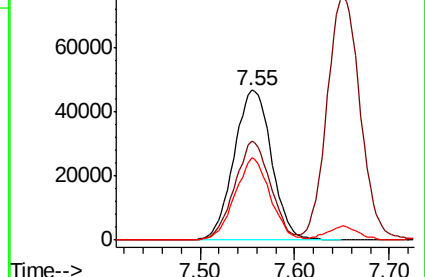
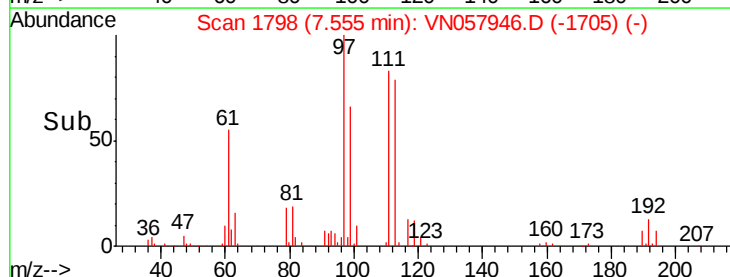
61 51.3 39.0 58.6

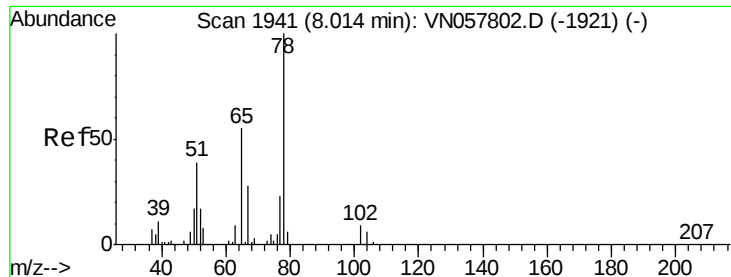


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 52.566 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampleId :

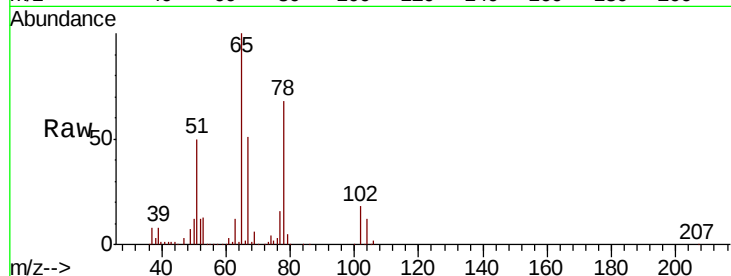
VN0912WBSD01

Tgt Ion: 65 Resp: 321620

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN057802.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN057802.D (-1921) (-)

8.01

150000

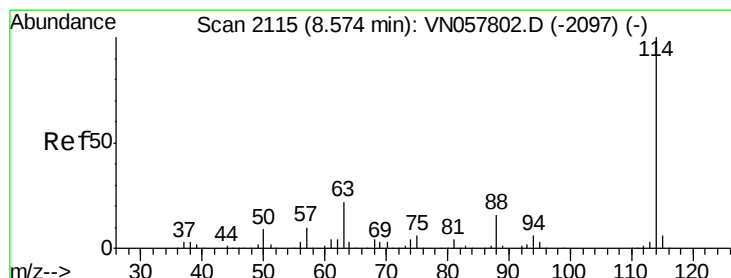
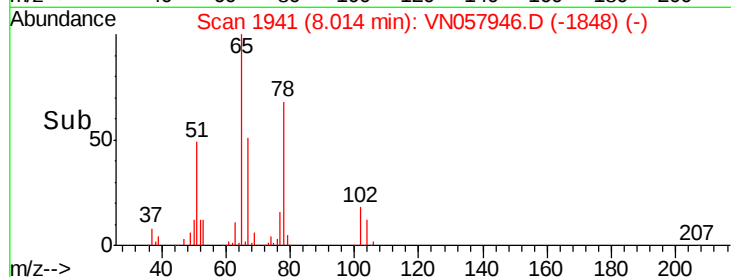
100000

50000

0

7.90 7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

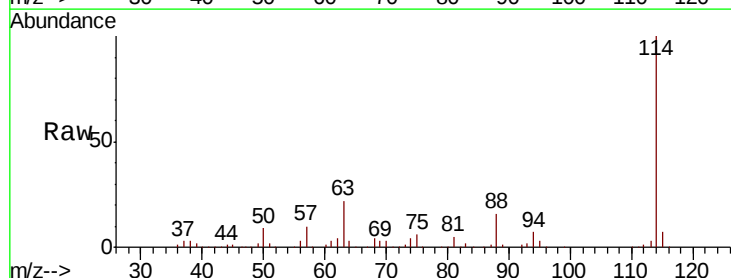
Tgt Ion: 114 Resp: 505374

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.0

88 15.7 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN057802.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN057802.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN057802.D (-2097) (-)

8.58

300000

250000

200000

150000

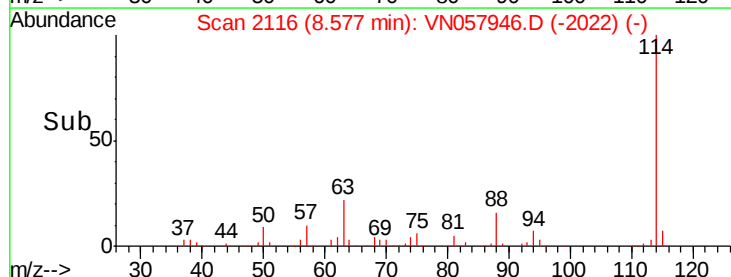
100000

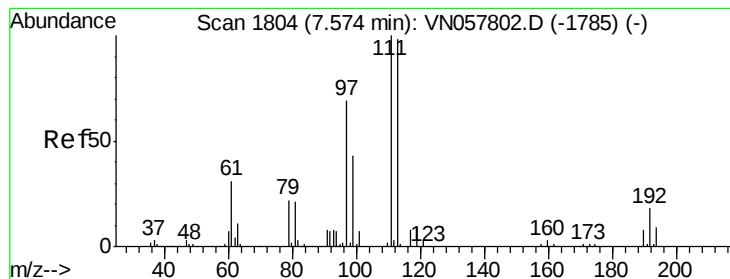
50000

0

8.50 8.55 8.60 8.65 8.70

Time-->





#35

Dibromofluoromethane

Concen: 48.279 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

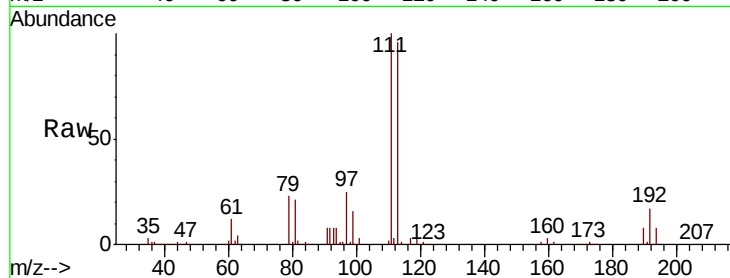
Tgt Ion:113 Resp: 225194

Ion Ratio Lower Upper

113 100

111 104.3 81.3 121.9

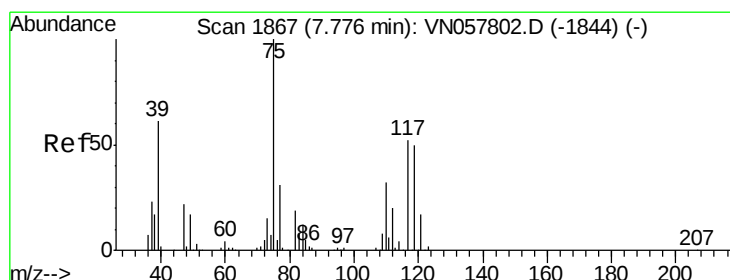
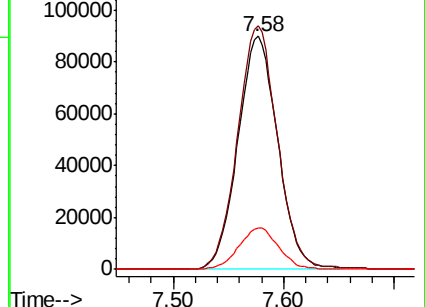
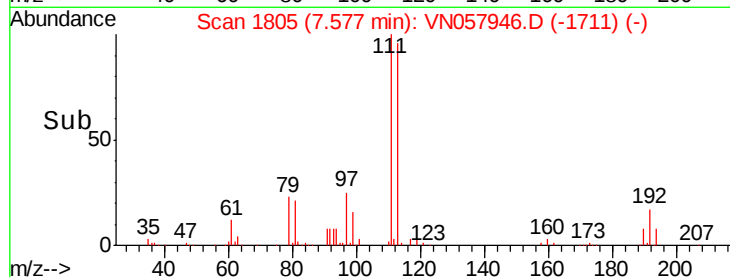
192 17.9 14.6 22.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.876 ug/l

RT: 7.78 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

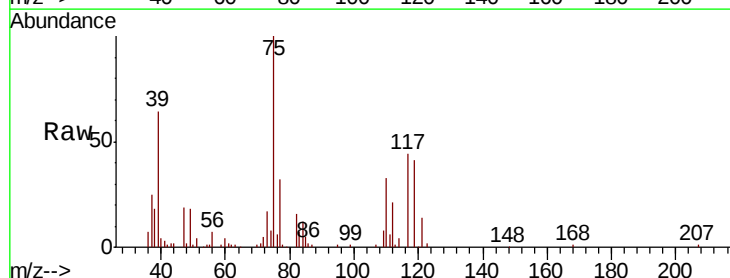
Tgt Ion: 75 Resp: 104772

Ion Ratio Lower Upper

75 100

110 33.4 16.3 48.9

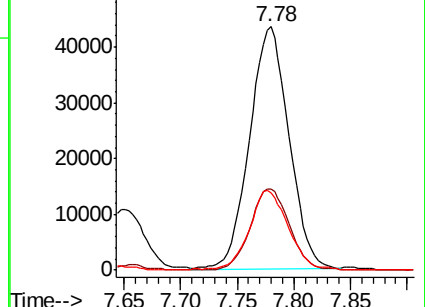
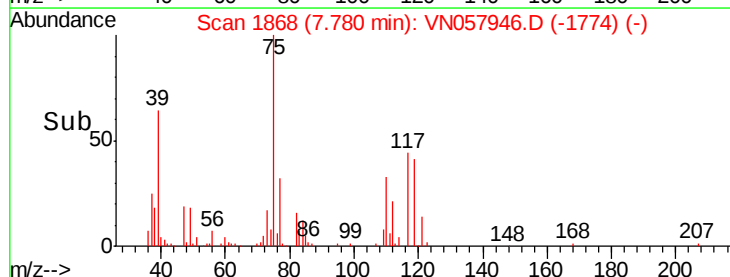
77 32.7 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

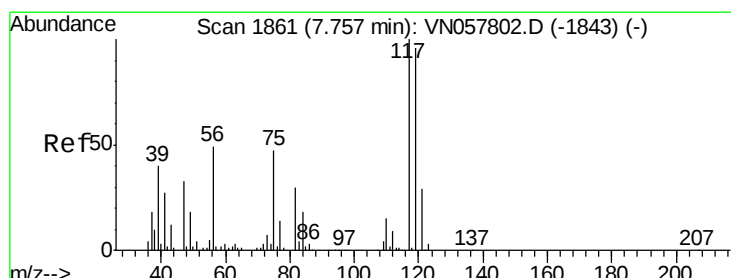
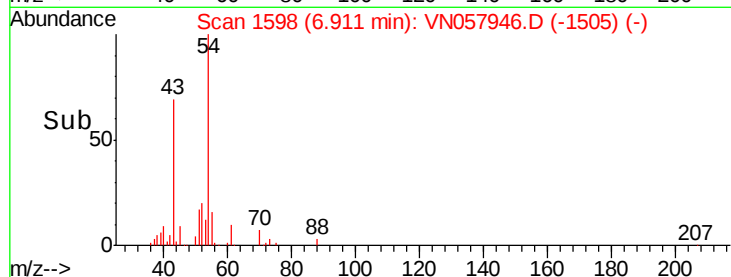
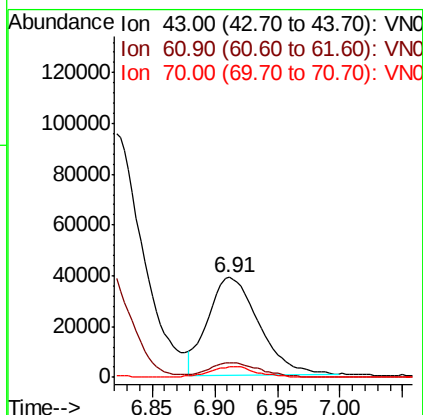
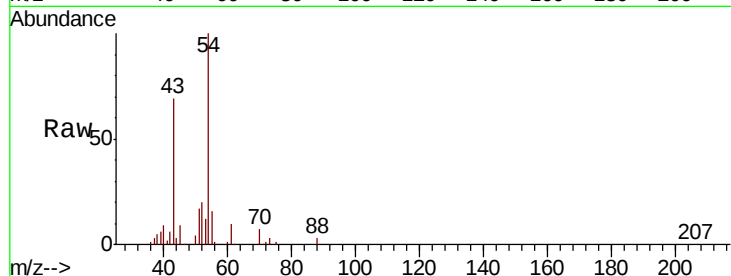




#37
 Ethyl Acetate
 Concen: 17.879 ug/l
 RT: 6.91 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

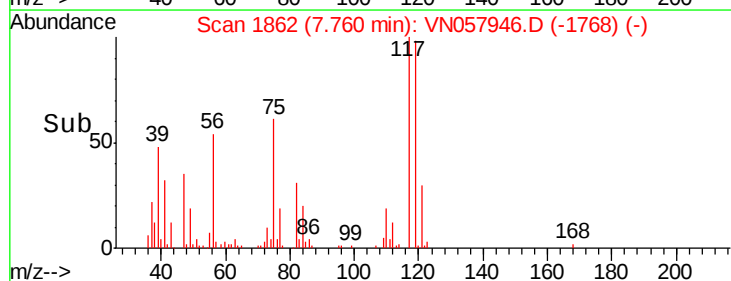
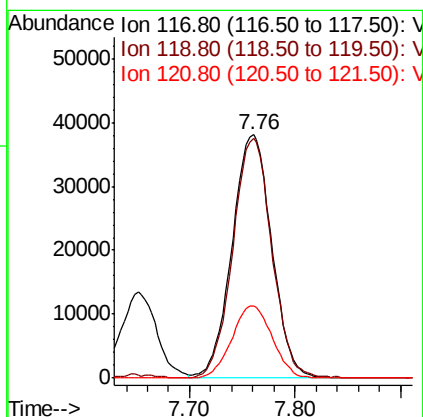
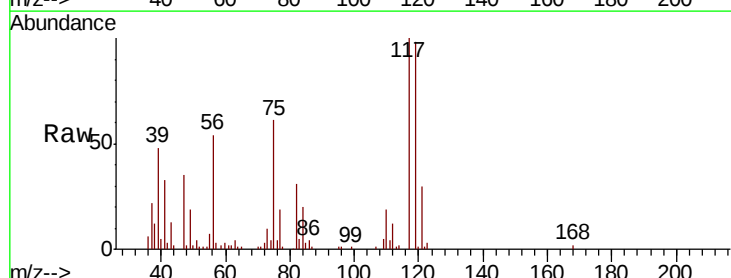
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

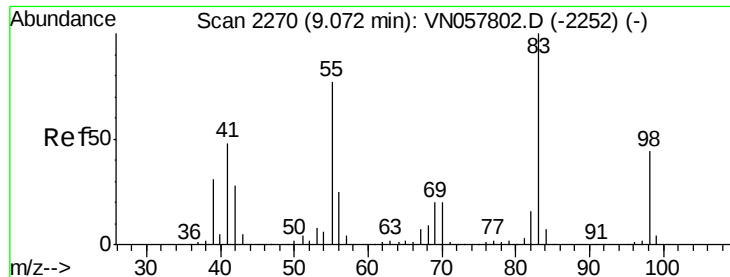
Tgt Ion: 43 Resp: 108267
 Ion Ratio Lower Upper
 43 100
 61 15.2 10.5 15.7
 70 10.1 7.4 11.0



#38
 Carbon Tetrachloride
 Concen: 18.657 ug/l
 RT: 7.76 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

Tgt Ion: 117 Resp: 99833
 Ion Ratio Lower Upper
 117 100
 119 98.4 76.9 115.3
 121 29.7 23.4 35.2

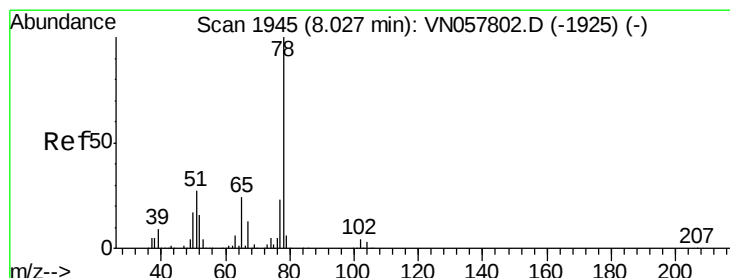
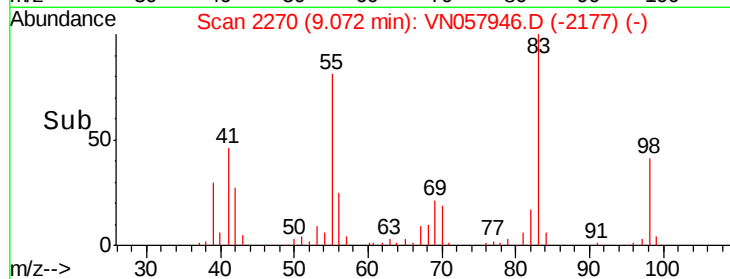
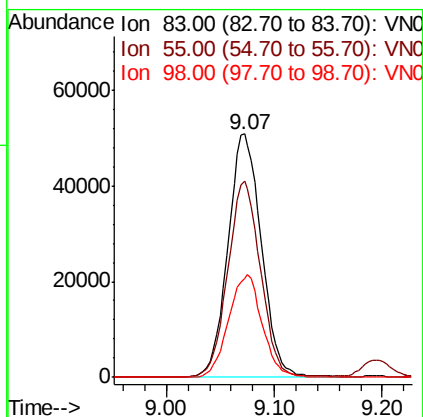
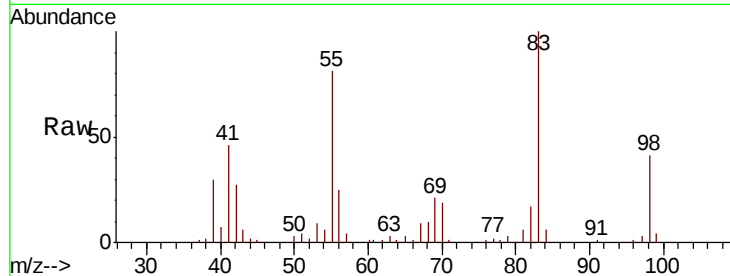




#39
Methylcyclohexane
Concen: 17.826 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN057946.D
Acq: 11 Sep 2019 23:51

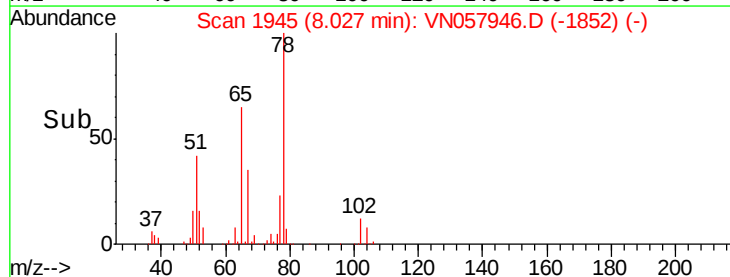
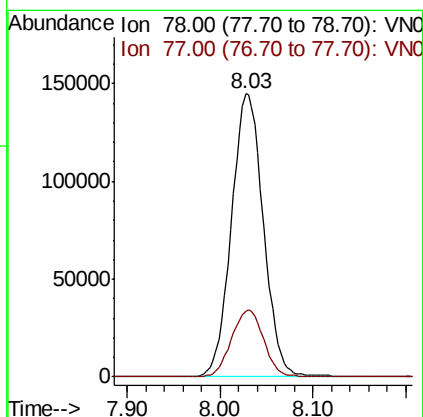
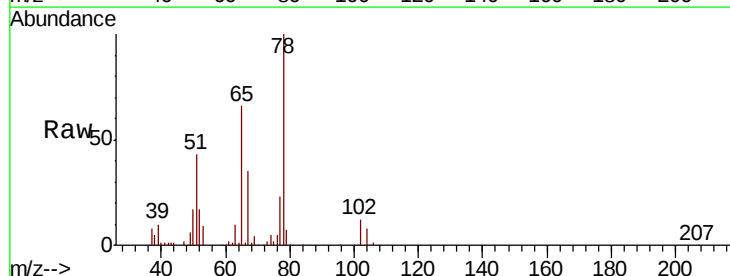
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

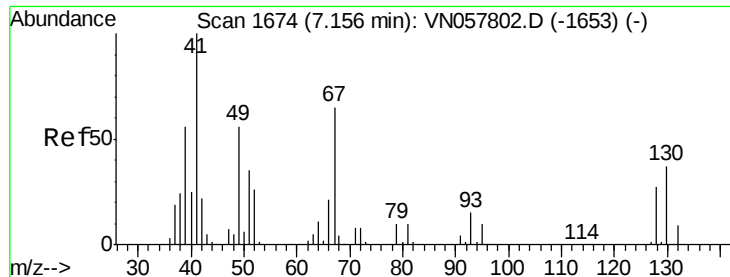
Tgt Ion: 83 Resp: 109829
Ion Ratio Lower Upper
83 100
55 80.5 61.6 92.4
98 40.8 34.9 52.3



#40
Benzene
Concen: 19.587 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN057946.D
Acq: 11 Sep 2019 23:51

Tgt Ion: 78 Resp: 345614
Ion Ratio Lower Upper
78 100
77 23.3 18.3 27.5

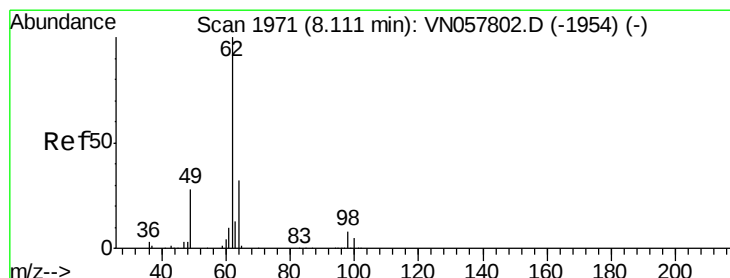
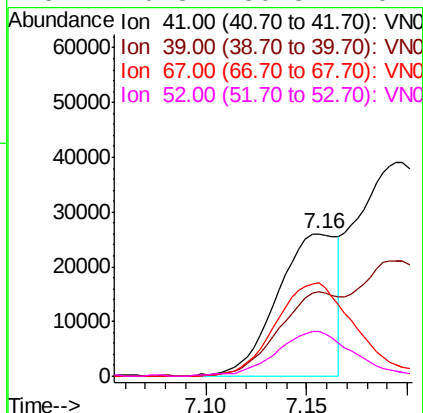
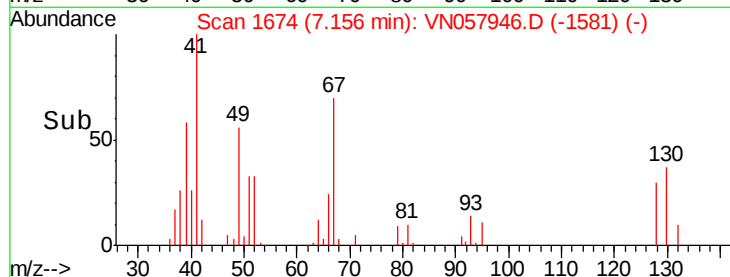
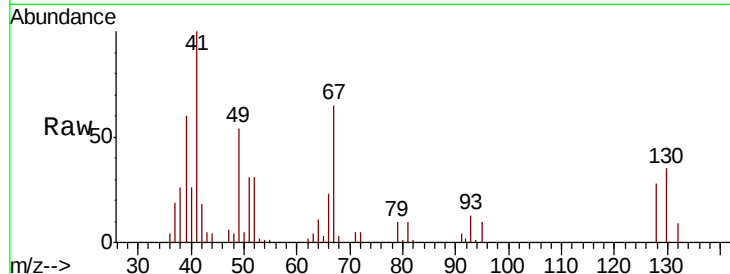




#41
Methacrylonitrile
Concen: 19.553 ug/l
RT: 7.16 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN057946.D
Acq: 11 Sep 2019 23:51

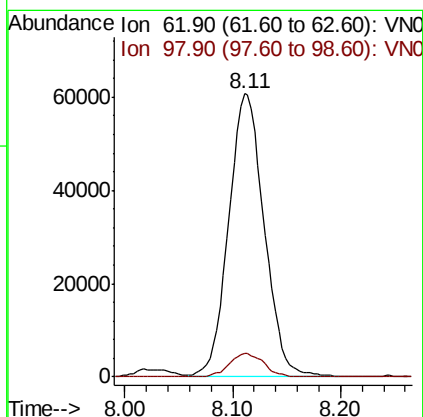
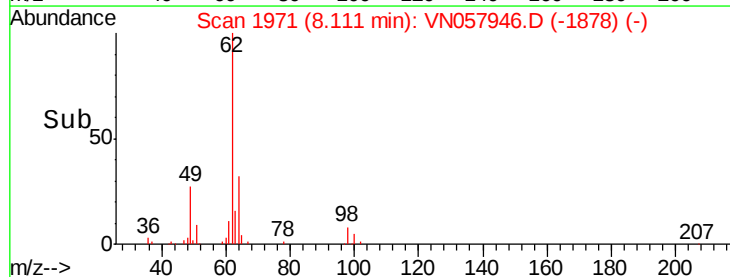
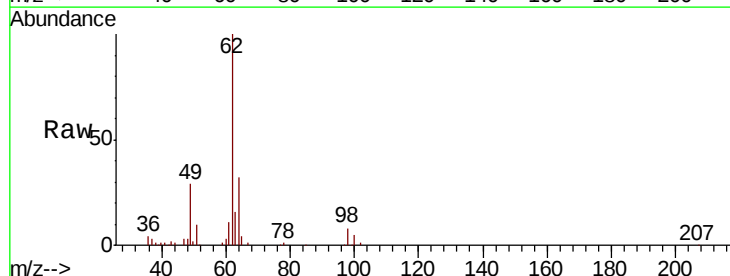
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

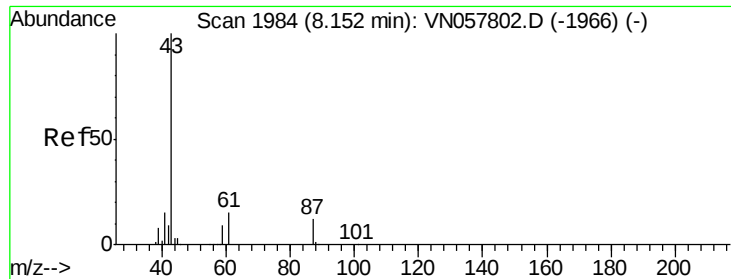
Tgt Ion:	41	Resp:	53746
Ion	Ratio	Lower	Upper
41	100		
39	57.3	51.0	76.6
67	87.8	70.7	106.1
52	40.8	30.8	46.2



#42
1,2-Dichloroethane
Concen: 19.820 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN057946.D
Acq: 11 Sep 2019 23:51

Tgt Ion:	62	Resp:	139874
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.8





#43

Isopropyl Acetate

Concen: 18.752 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

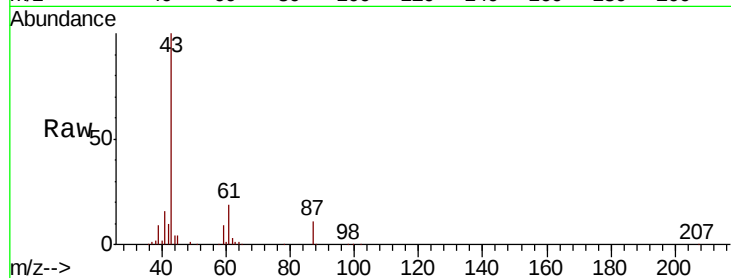
Tgt Ion: 43 Resp: 190963

Ion Ratio Lower Upper

43 100

61 17.6 20.1 30.1#

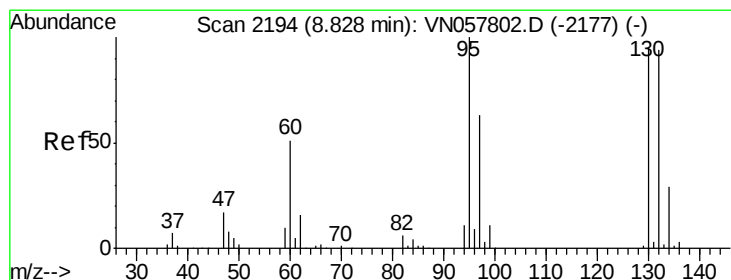
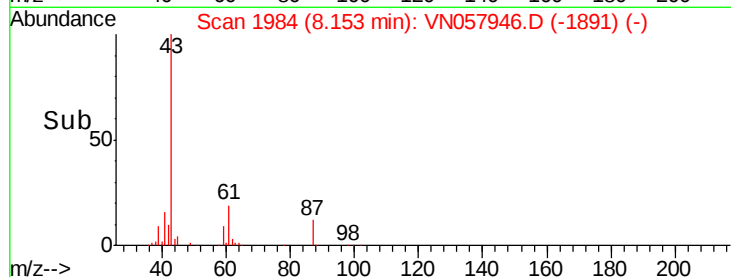
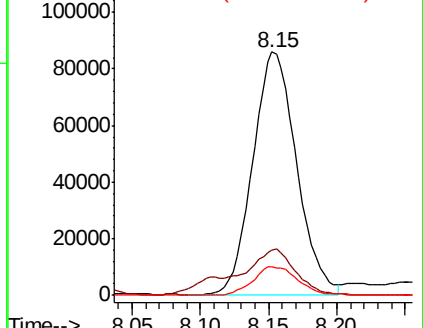
87 11.8 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057802.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057802.D (-1966) (-)



#44

Trichloroethene

Concen: 18.602 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN057946.D

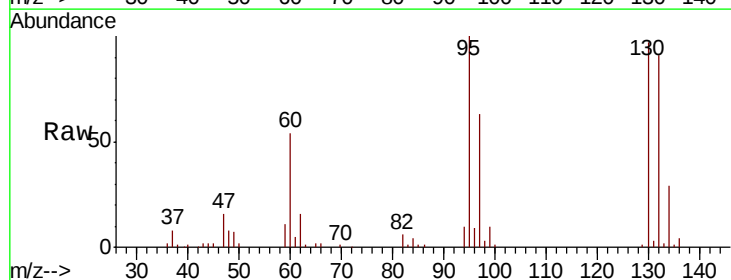
Acq: 11 Sep 2019 23:51

Tgt Ion: 130 Resp: 80507

Ion Ratio Lower Upper

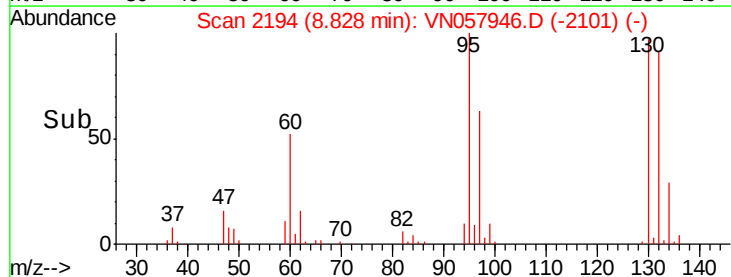
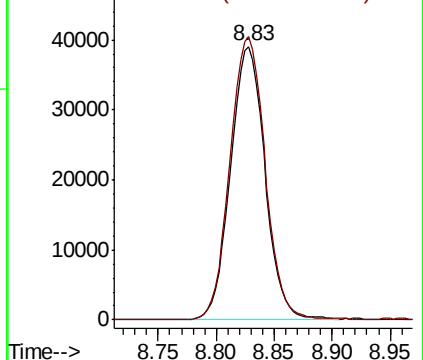
130 100

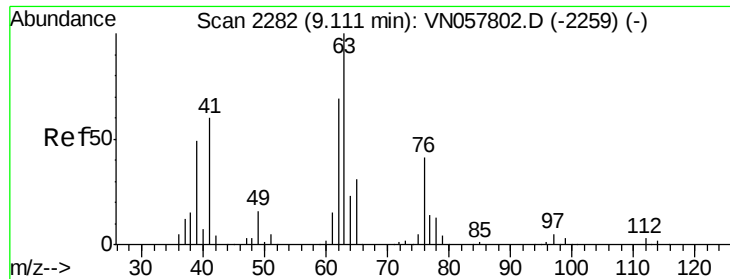
95 103.6 0.0 211.4



Abundance Ion 129.80 (129.50 to 130.50): VN057802.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057802.D (-2177) (-)

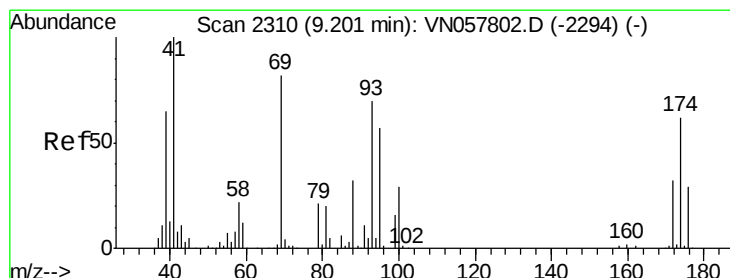
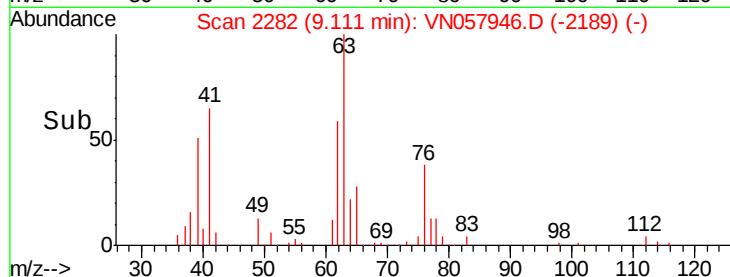
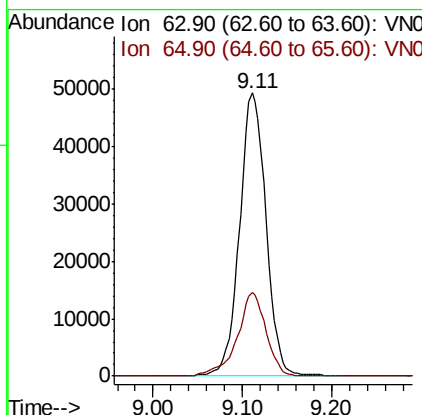
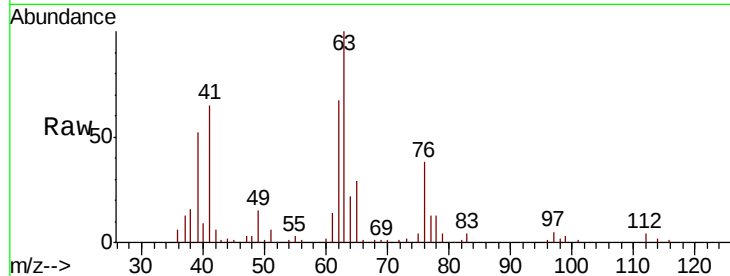




#45
 1,2-Dichloropropane
 Concen: 19.816 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

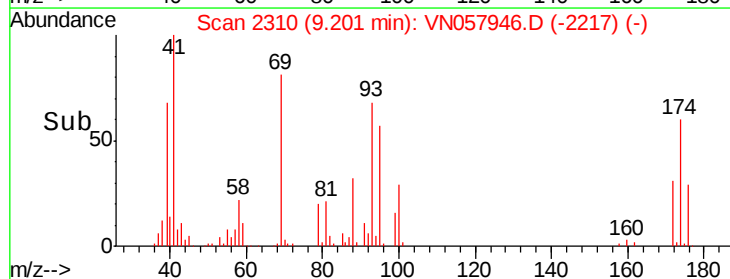
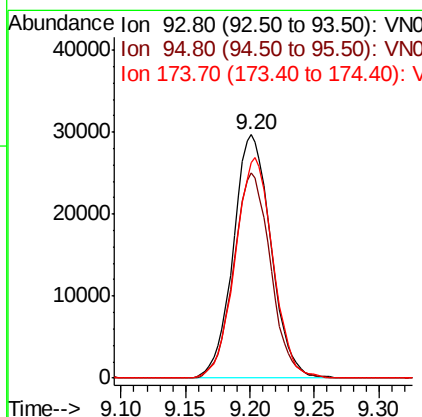
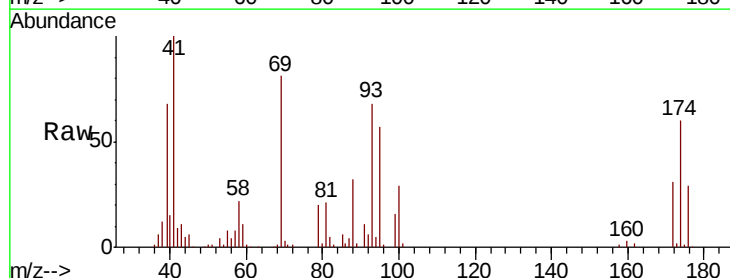
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

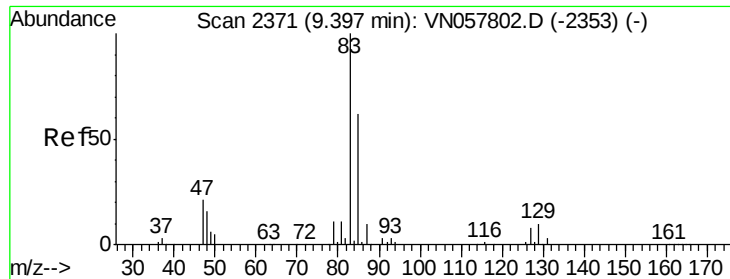
Tgt Ion: 63 Resp: 101744
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.8 37.2



#46
 Dibromomethane
 Concen: 19.532 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

Tgt Ion: 93 Resp: 60602
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.9 98.9
 174 90.0 71.8 107.6





#47

Bromodichloromethane

Concen: 18.944 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

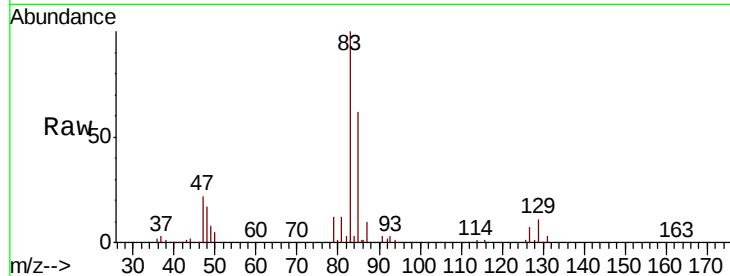
Tgt Ion: 83 Resp: 117371

Ion Ratio Lower Upper

83 100

85 61.9 49.9 74.9

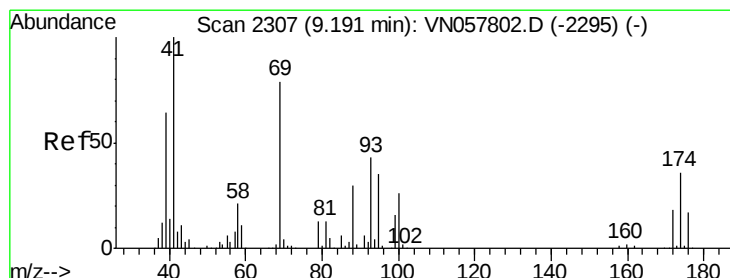
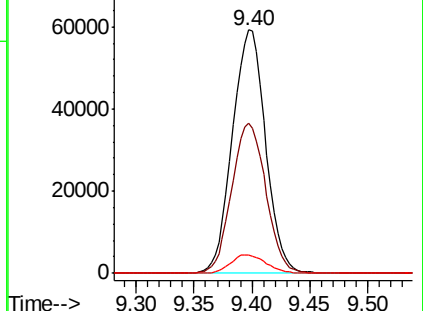
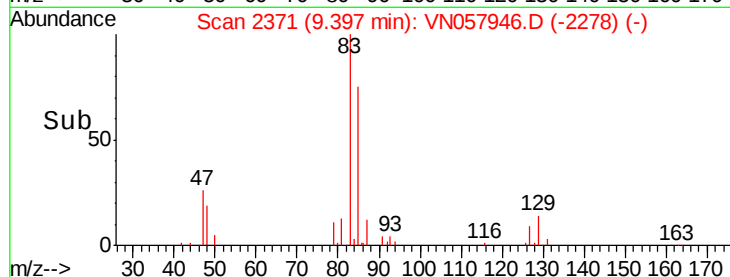
127 7.4 6.5 9.7



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: 18.972 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

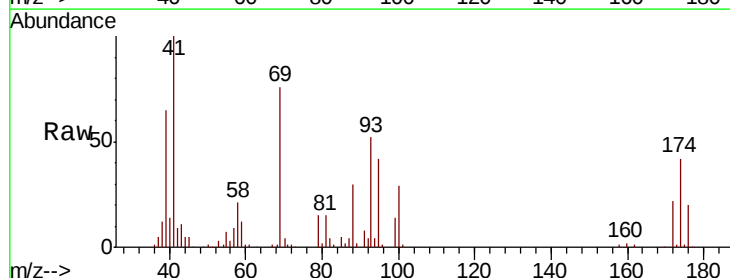
Tgt Ion: 41 Resp: 98003

Ion Ratio Lower Upper

41 100

69 78.0 62.7 94.1

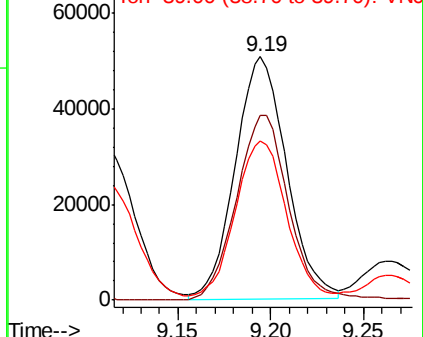
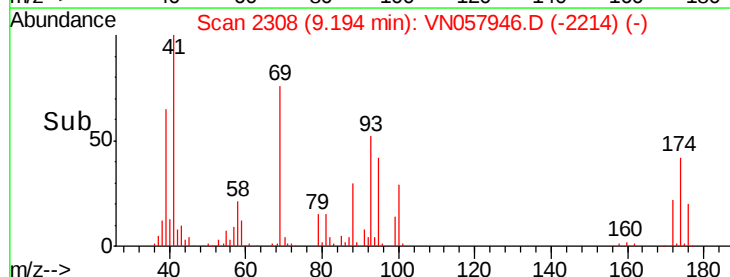
39 65.9 52.7 79.1

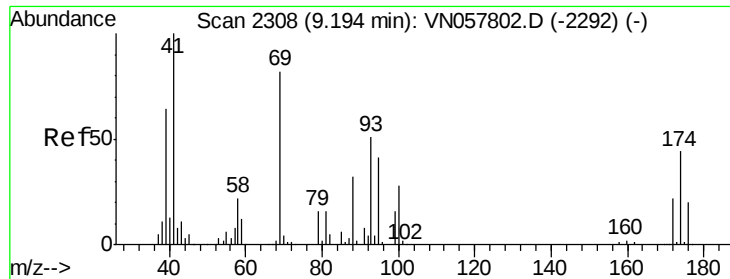


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

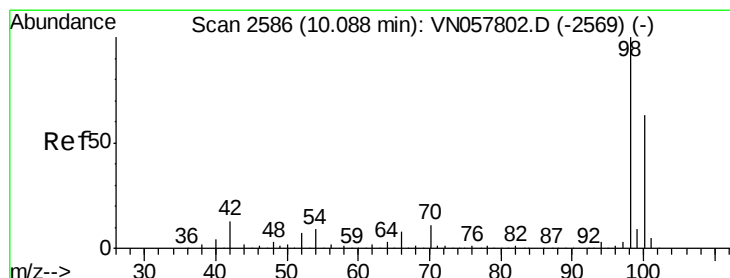
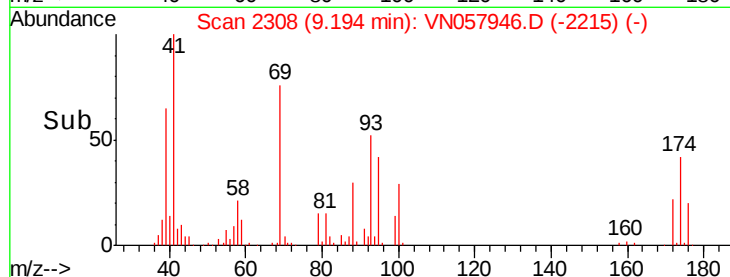
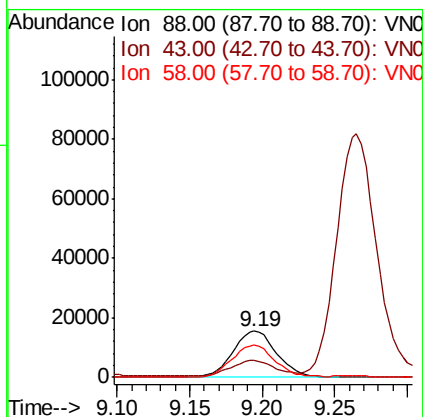
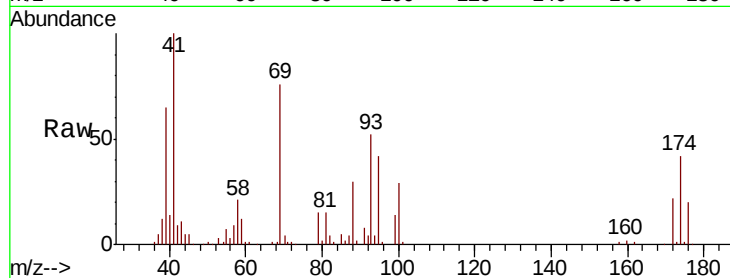




#49
 1,4-Dioxane
 Concen: 373.173 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

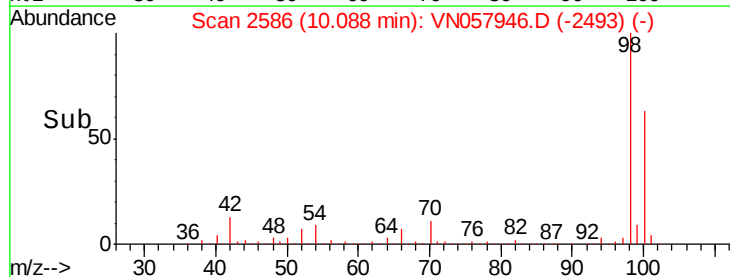
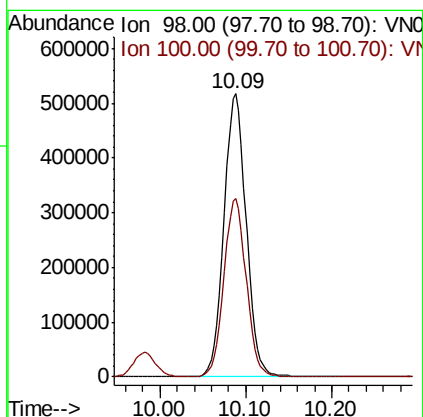
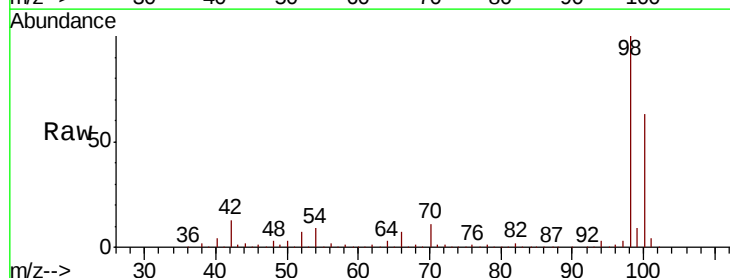
Instrument :
 MSVOA_N
 ClientSampled :
 VN0912WBSD01

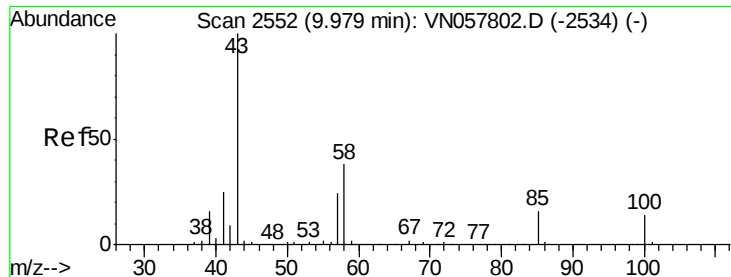
Tgt Ion: 88 Resp: 32599
 Ion Ratio Lower Upper
 88 100
 43 34.3 28.5 42.7
 58 69.2 55.8 83.6



#50
 Toluene-d8
 Concen: 51.462 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

Tgt Ion: 98 Resp: 931957
 Ion Ratio Lower Upper
 98 100
 100 63.0 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 102.692 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampleId :

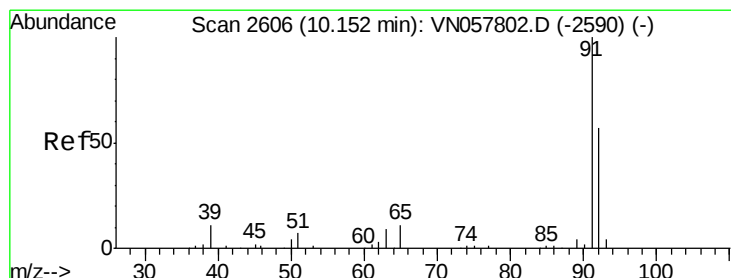
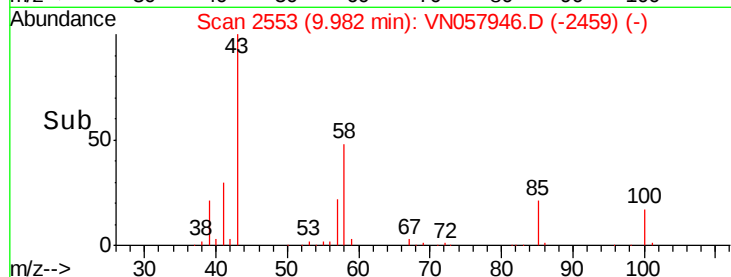
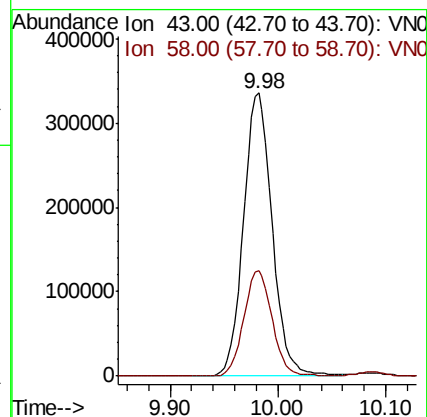
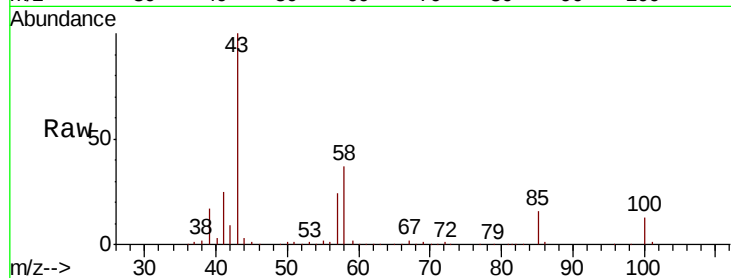
VN0912WBSD01

Tgt Ion: 43 Resp: 618847

Ion Ratio Lower Upper

43 100

58 37.0 29.8 44.6



#52

Toluene

Concen: 19.194 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057946.D

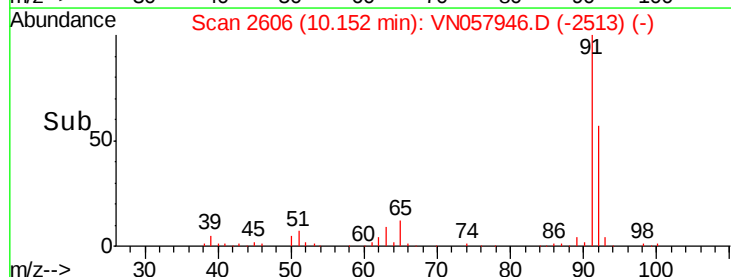
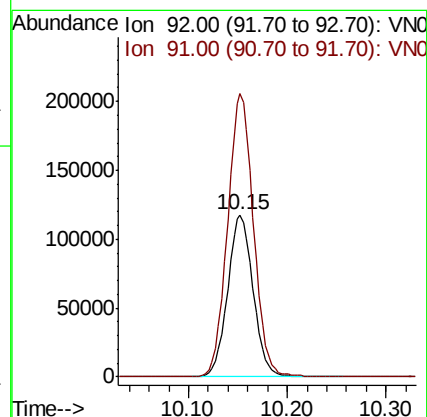
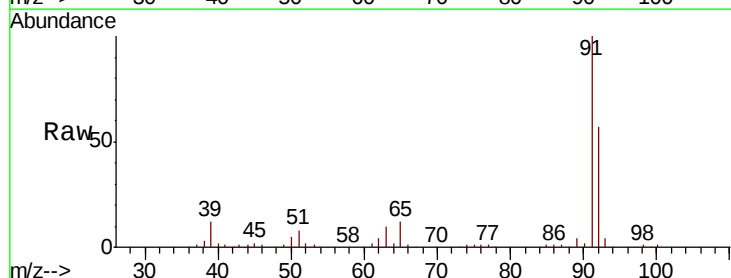
Acq: 11 Sep 2019 23:51

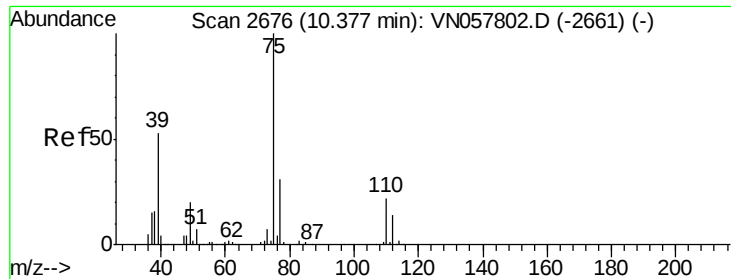
Tgt Ion: 92 Resp: 213315

Ion Ratio Lower Upper

92 100

91 177.4 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 17.281 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampleId :

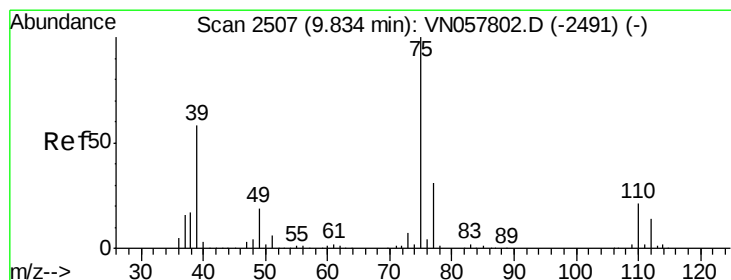
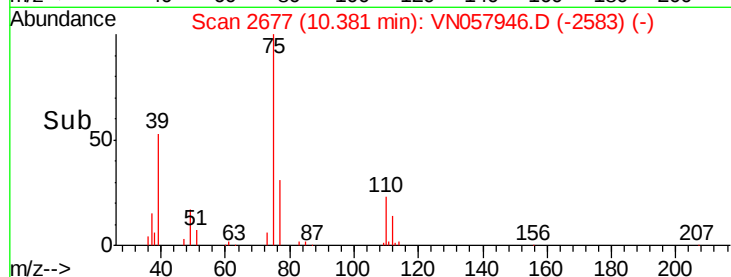
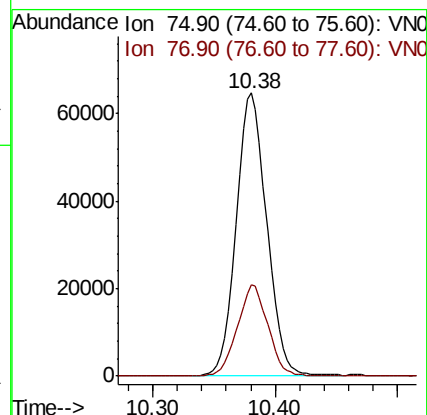
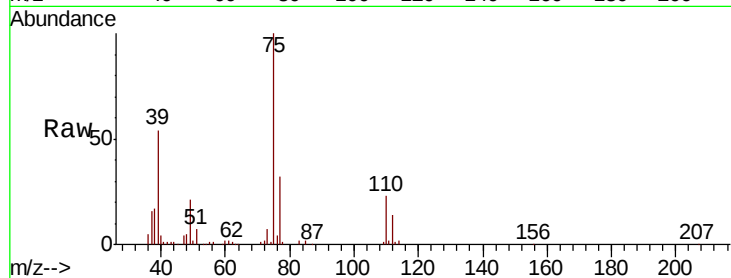
VN0912WBSD01

Tgt Ion: 75 Resp: 112754

Ion Ratio Lower Upper

75 100

77 31.8 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 18.124 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

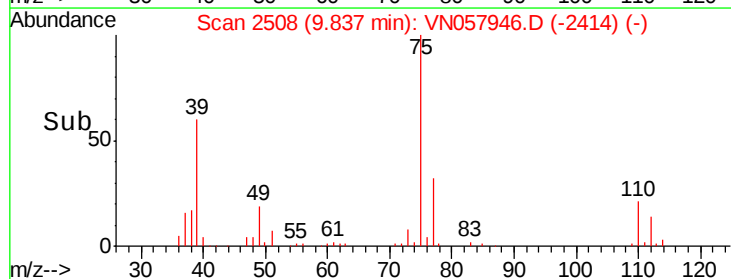
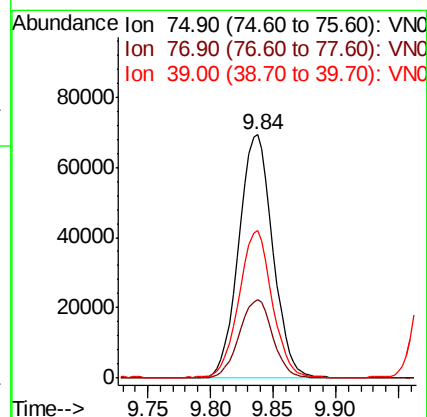
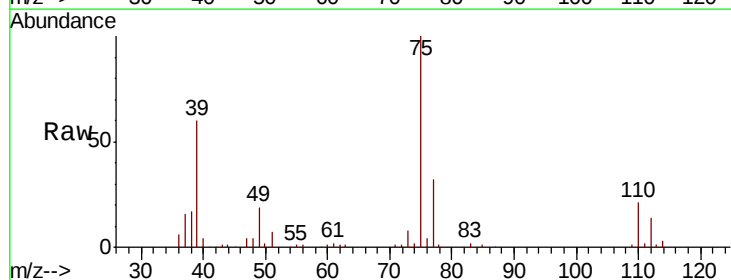
Tgt Ion: 75 Resp: 130555

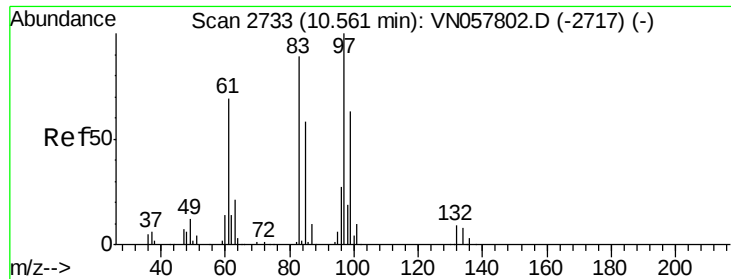
Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

39 60.1 46.2 69.4





#55

1,1,2-Trichloroethane

Concen: 19.473 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

Tgt Ion: 97 Resp: 91674

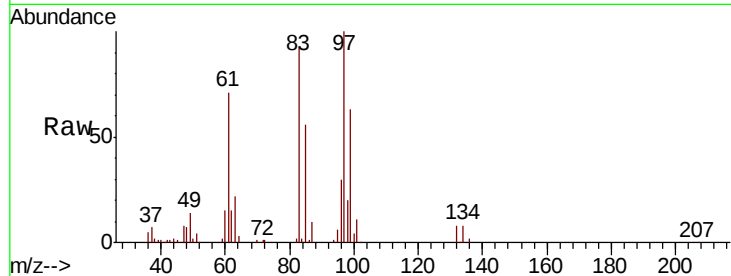
Ion Ratio Lower Upper

97 100

83 92.7 70.8 106.2

85 55.7 46.0 69.0

99 62.7 50.6 76.0

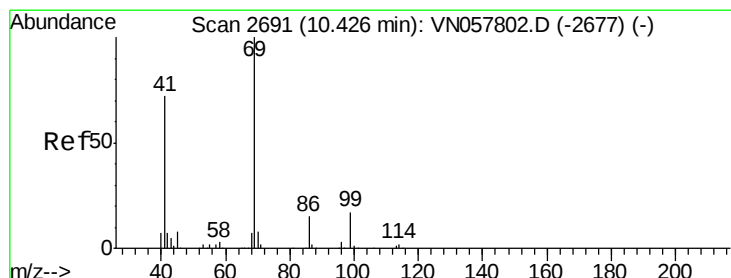
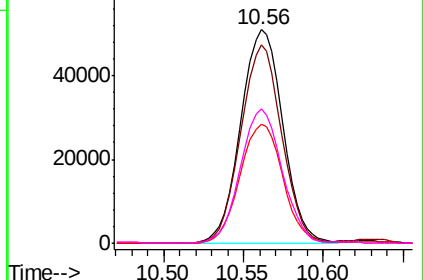
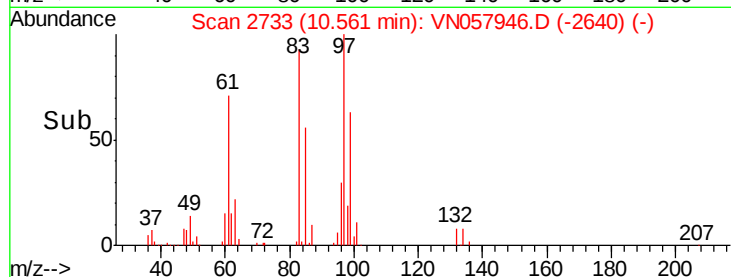


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.010 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

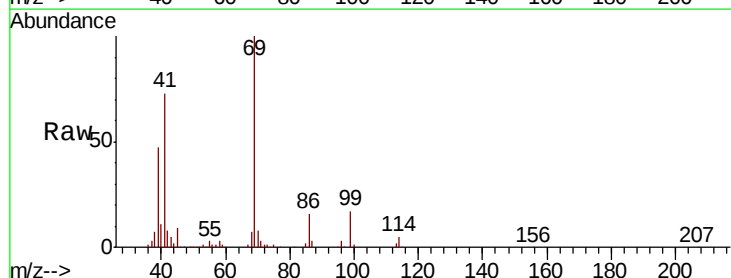
Tgt Ion: 69 Resp: 134767

Ion Ratio Lower Upper

69 100

41 71.0 56.7 85.1

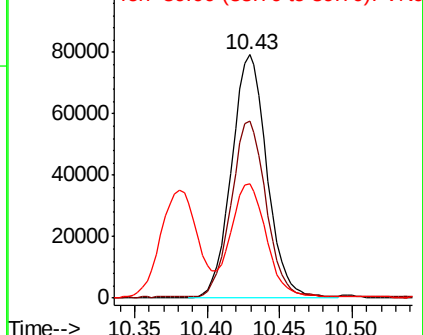
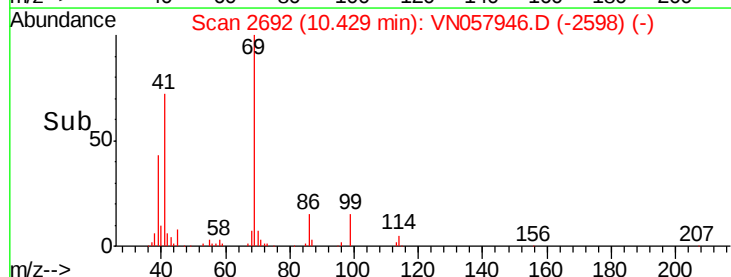
39 46.1 36.3 54.5



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.930 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampleId :

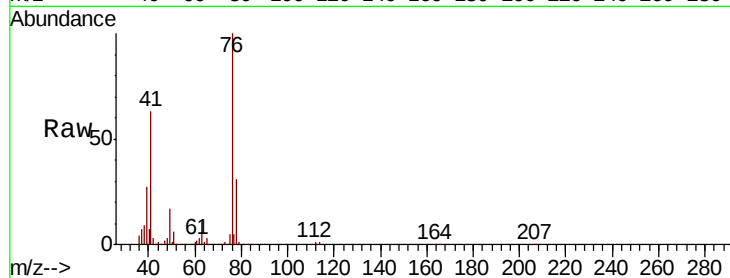
VN0912WBSD01

Tgt Ion: 76 Resp: 161692

Ion Ratio Lower Upper

76 100

78 32.0 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

80000

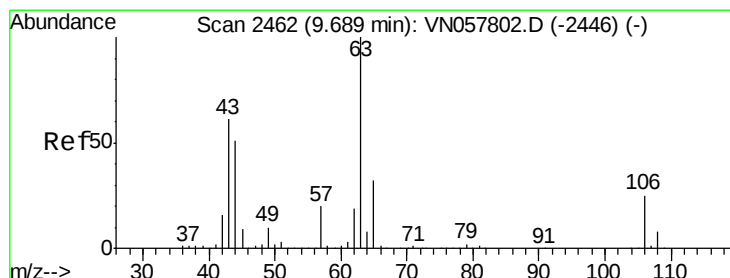
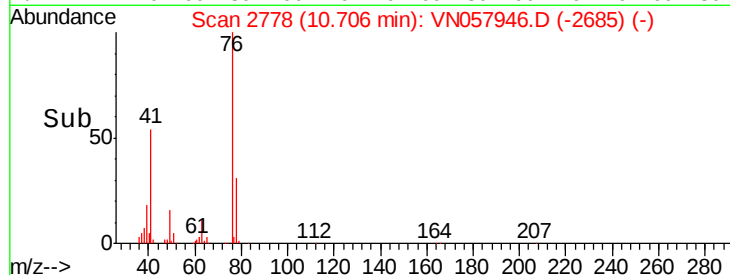
60000

40000

20000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 100.653 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057946.D

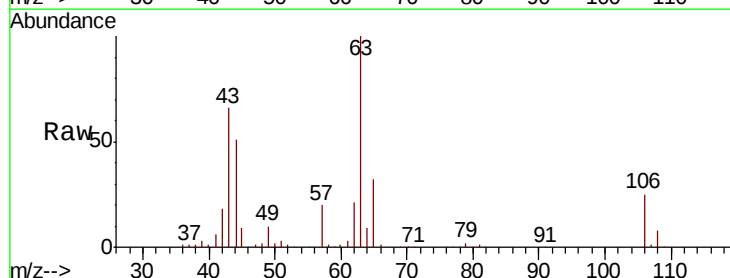
Acq: 11 Sep 2019 23:51

Tgt Ion: 63 Resp: 336079

Ion Ratio Lower Upper

63 100

106 25.2 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.69

200000

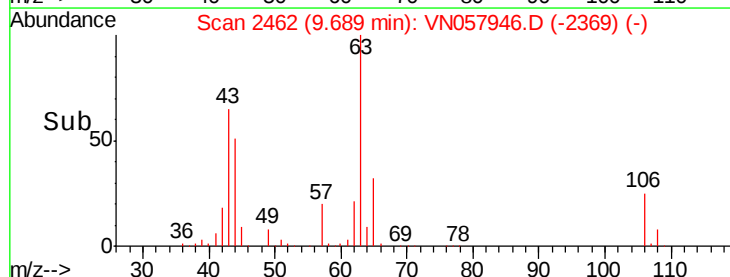
150000

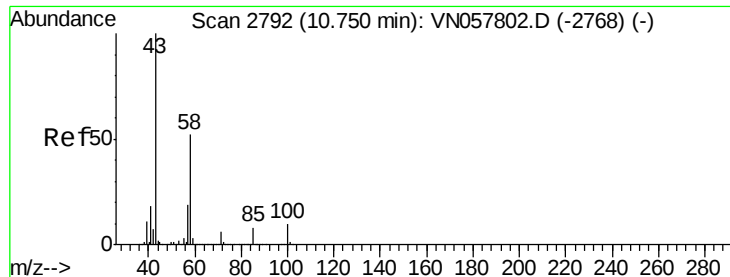
100000

50000

0

Time--> 9.60 9.70 9.80

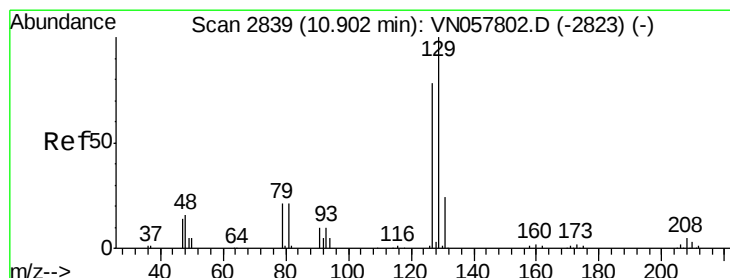
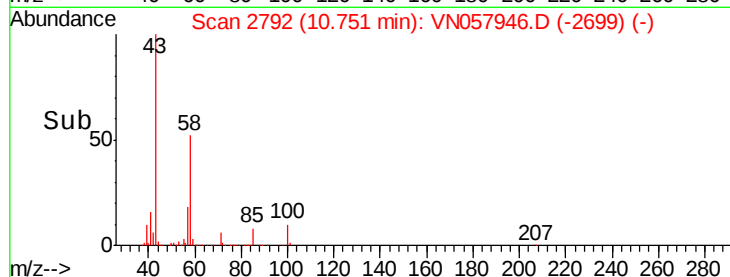
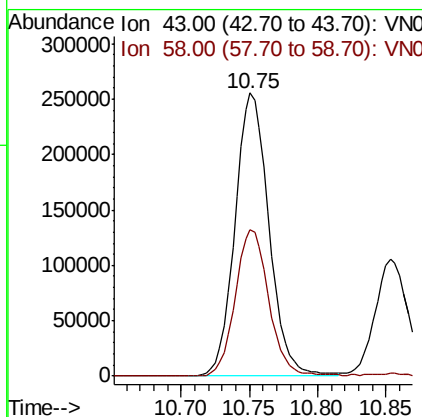
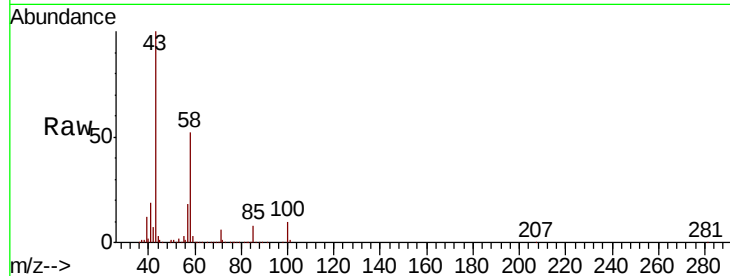




#59
2-Hexanone
Concen: 97.605 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057946.D
Acq: 11 Sep 2019 23:51

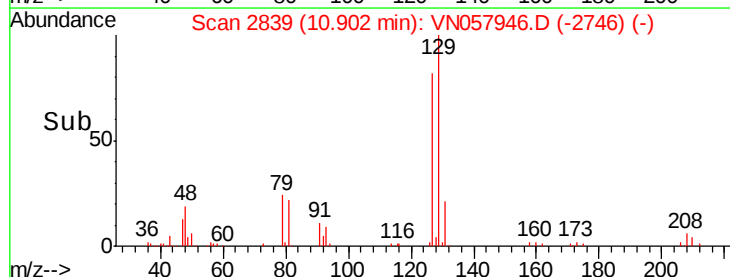
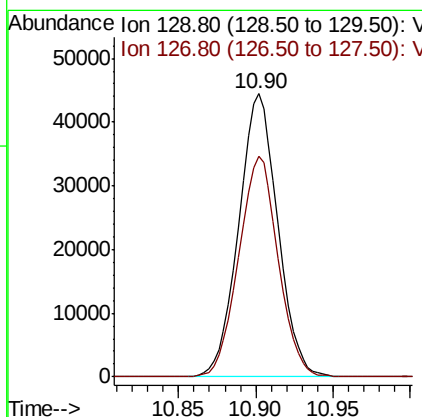
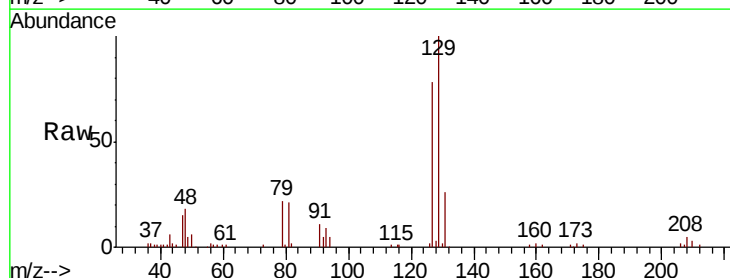
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

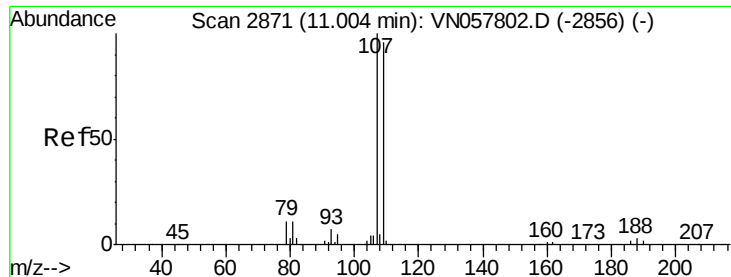
Tgt Ion: 43 Resp: 440869
Ion Ratio Lower Upper
43 100
58 51.3 25.6 76.8



#60
Dibromochloromethane
Concen: 17.832 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN057946.D
Acq: 11 Sep 2019 23:51

Tgt Ion: 129 Resp: 77954
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0

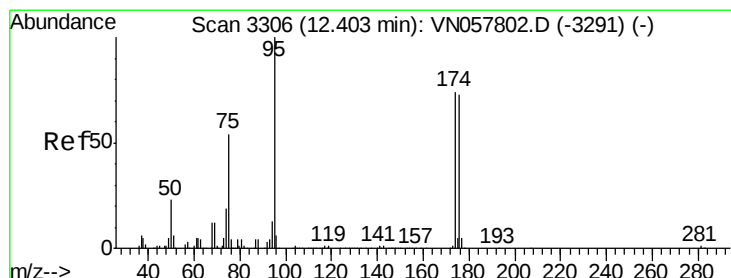
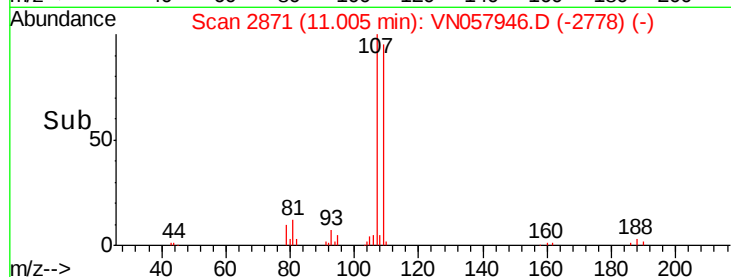
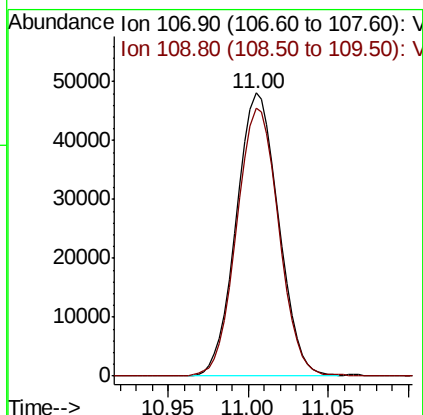
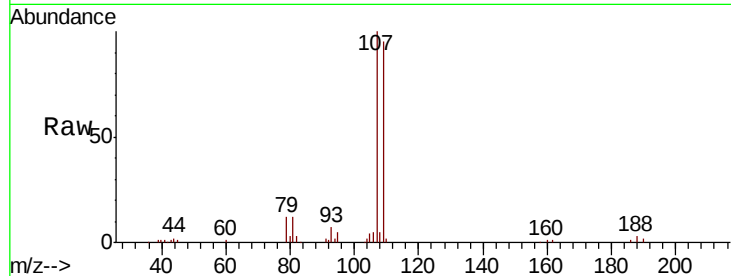




#61
 1,2-Dibromoethane
 Concen: 19.430 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

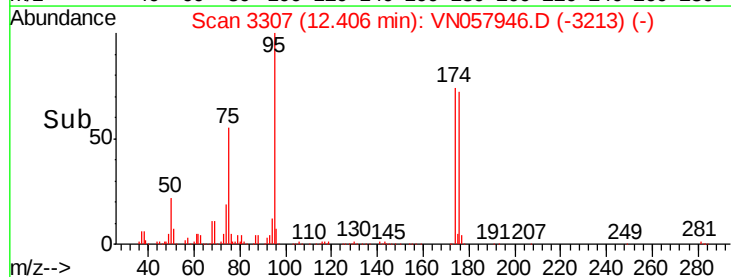
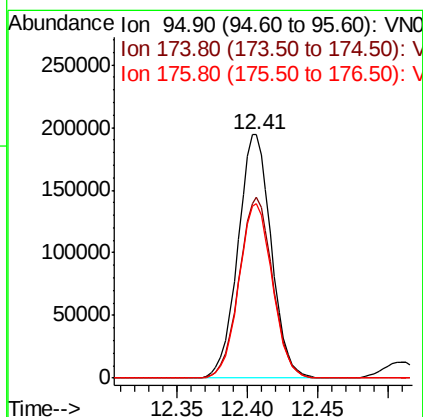
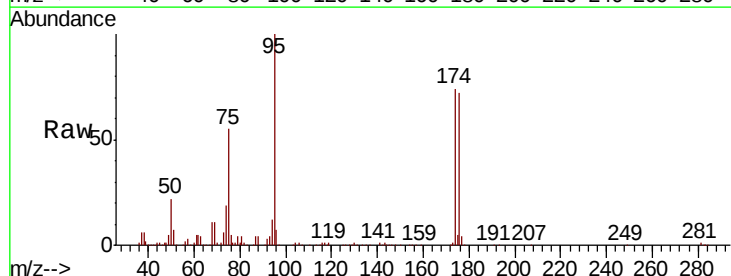
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

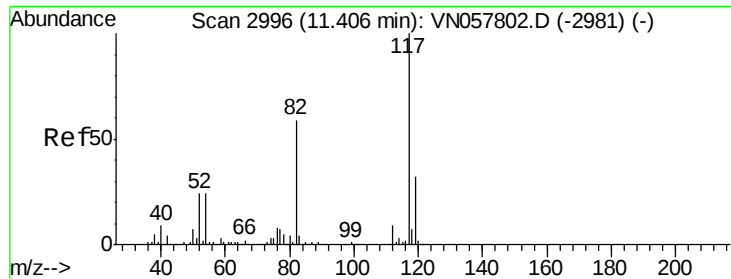
Tgt Ion: 107 Resp: 86474
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 46.636 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

Tgt Ion: 95 Resp: 321857
 Ion Ratio Lower Upper
 95 100
 174 74.6 0.0 150.2
 176 72.0 0.0 146.0

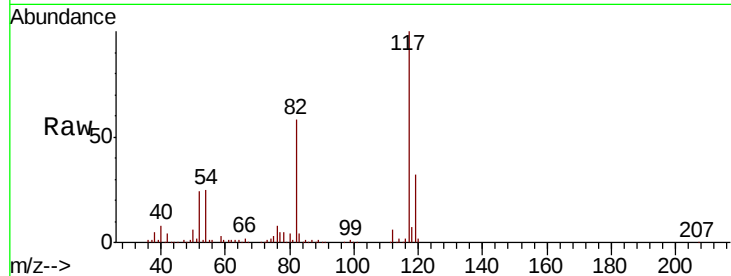




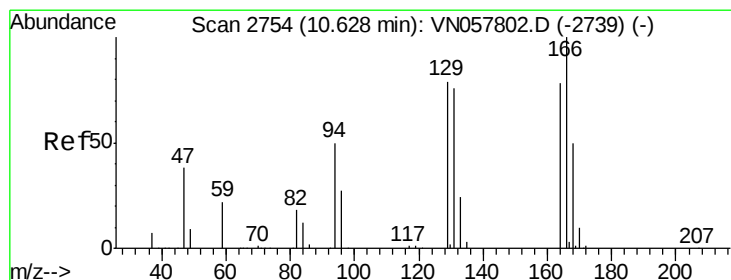
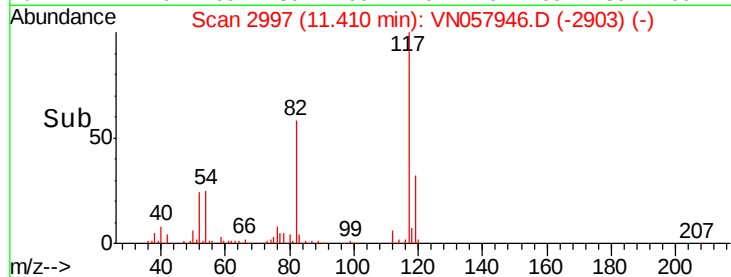
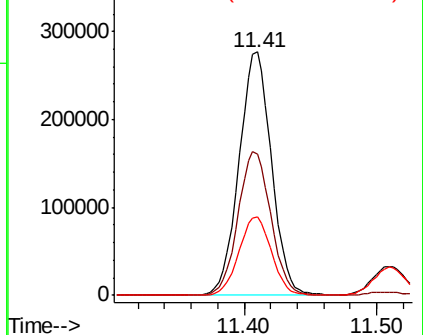
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN057946.D
Acq: 11 Sep 2019 23:51

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion:117 Resp: 471100
Ion Ratio Lower Upper
117 100
82 57.8 47.2 70.8
119 32.0 25.3 37.9

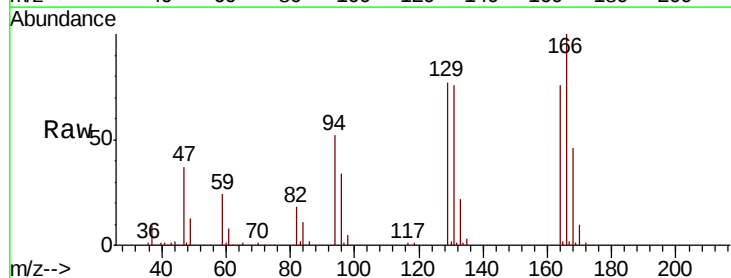


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

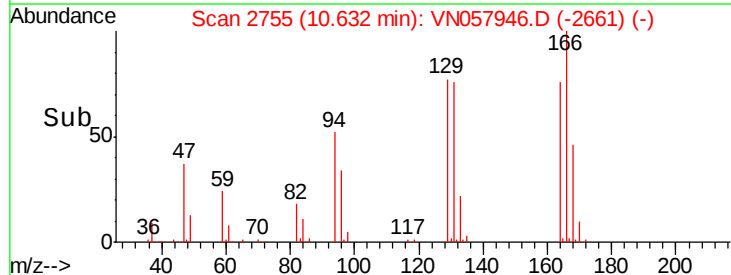
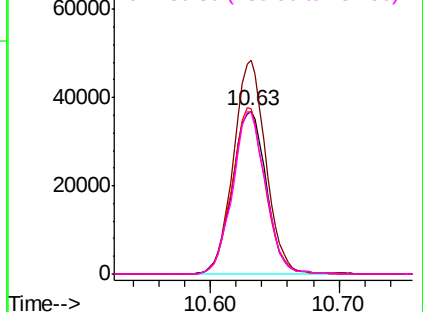


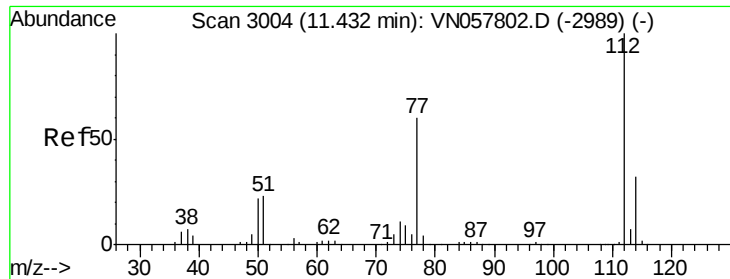
#64
Tetrachloroethene
Concen: 19.504 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN057946.D
Acq: 11 Sep 2019 23:51

Tgt Ion:164 Resp: 67841
Ion Ratio Lower Upper
164 100
166 131.2 102.2 153.2
129 101.6 80.8 121.2
131 99.3 77.4 116.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

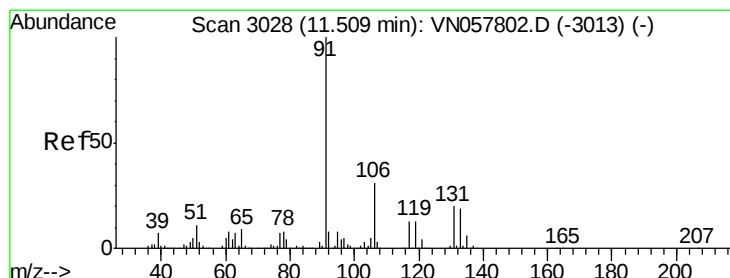
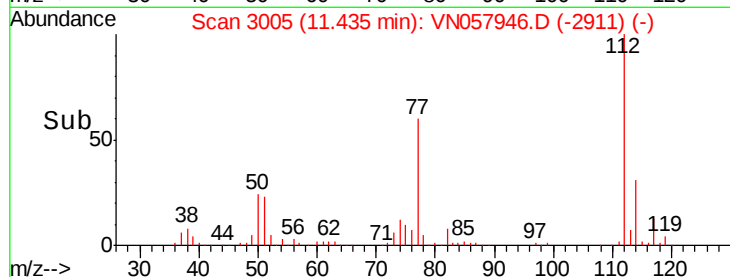
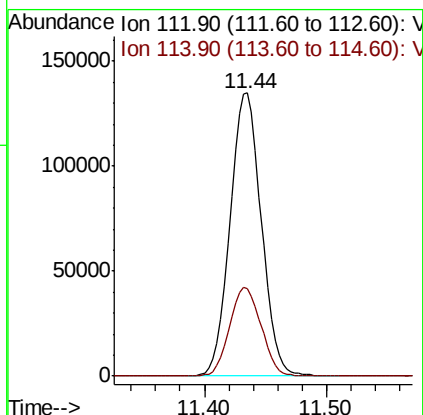
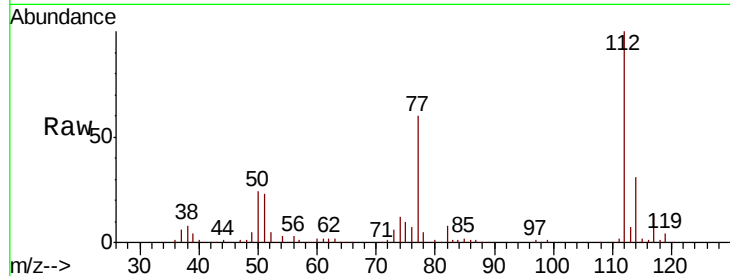




#65
Chlorobenzene
Concen: 19.499 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN057946.D
Acq: 11 Sep 2019 23:51

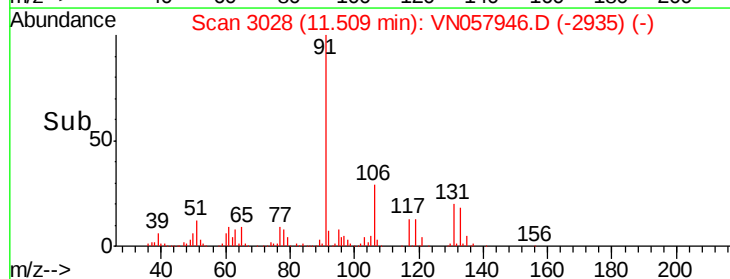
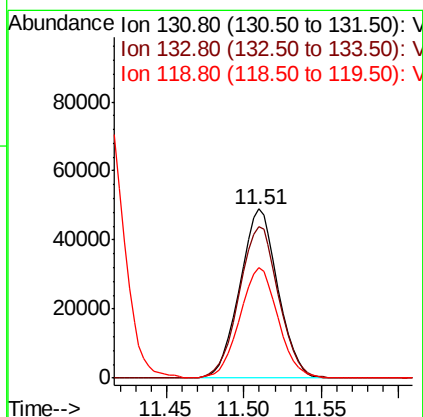
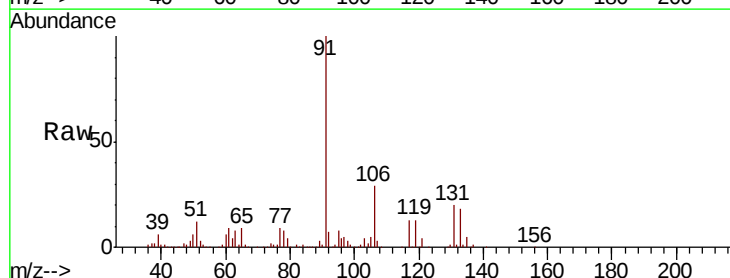
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

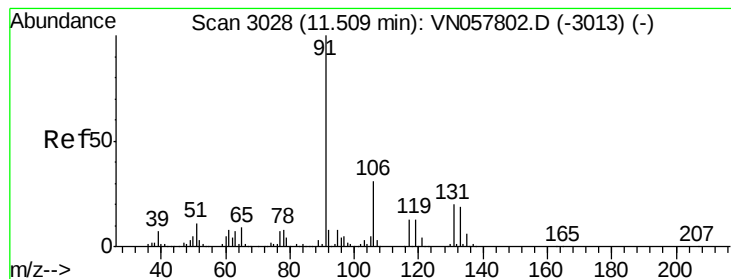
Tgt Ion:112 Resp: 240401
Ion Ratio Lower Upper
112 100
114 31.0 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.564 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057946.D
Acq: 11 Sep 2019 23:51

Tgt Ion:131 Resp: 83698
Ion Ratio Lower Upper
131 100
133 93.2 47.1 141.3
119 65.9 33.3 99.8





#67

Ethyl Benzene

Concen: 19.900 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampleId :

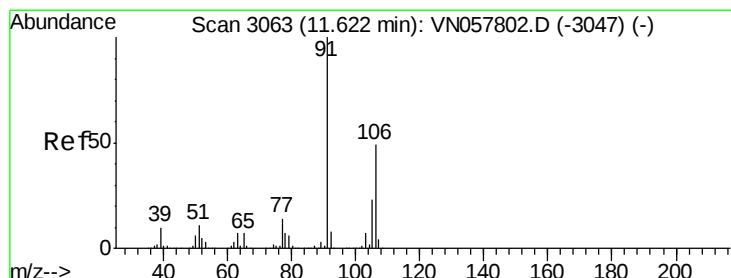
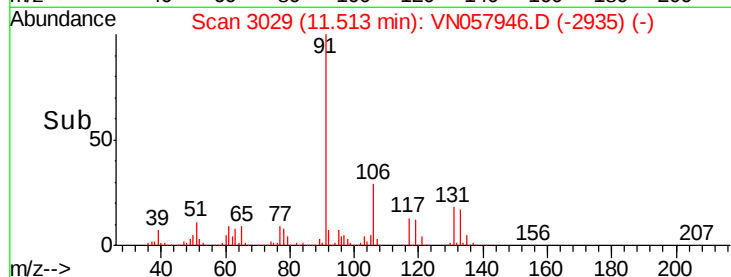
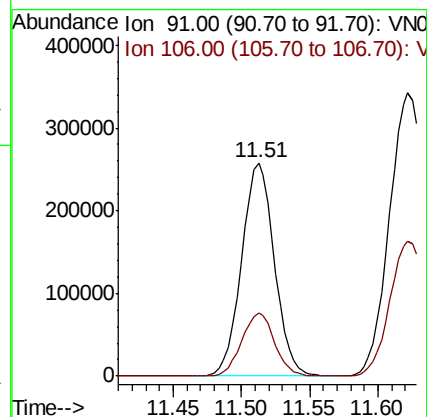
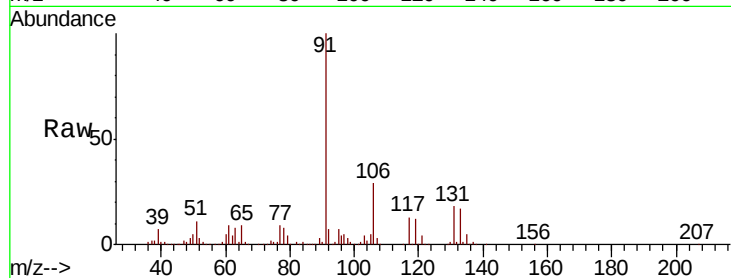
VN0912WBSD01

Tgt Ion: 91 Resp: 429977

Ion Ratio Lower Upper

91 100

106 29.4 24.4 36.6



#68

m/p-Xylenes

Concen: 39.372 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN057946.D

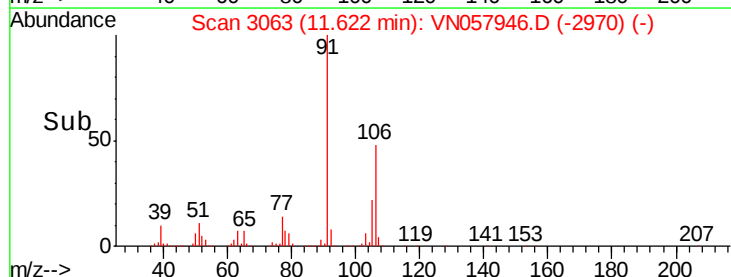
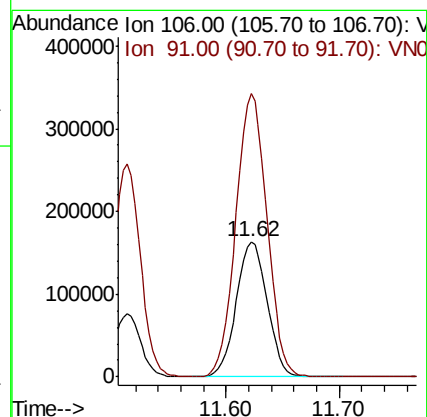
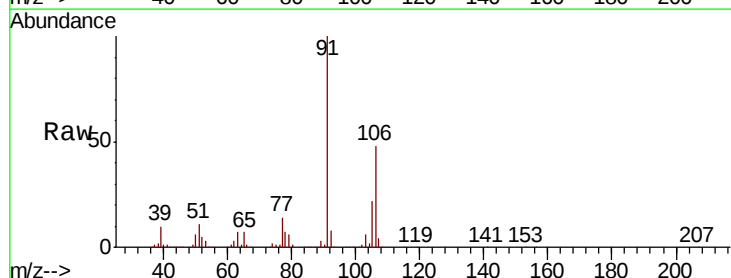
Acq: 11 Sep 2019 23:51

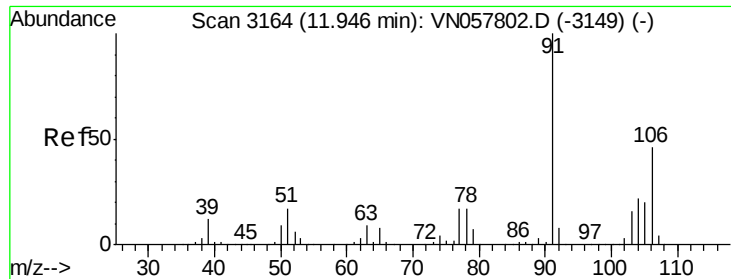
Tgt Ion: 106 Resp: 311615

Ion Ratio Lower Upper

106 100

91 210.7 165.8 248.6

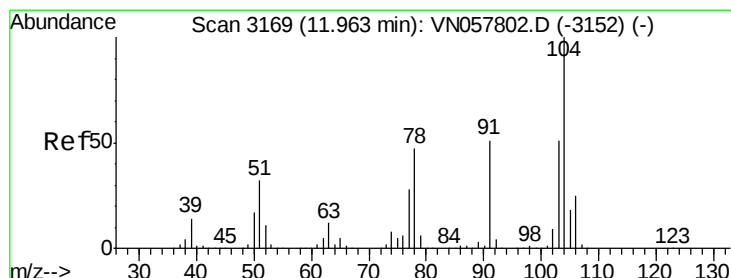
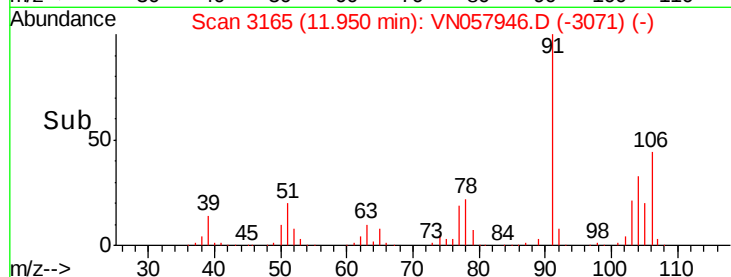
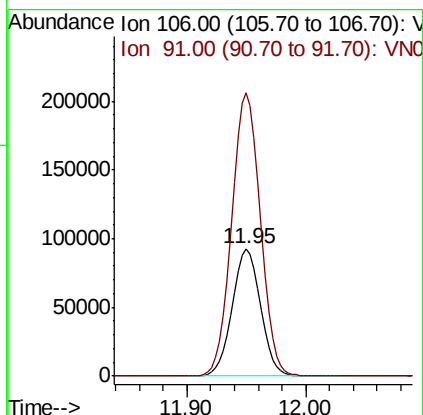
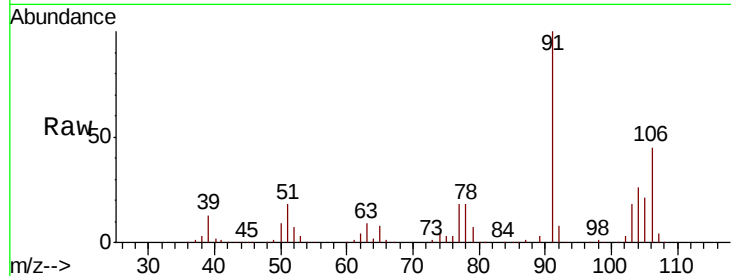




#69
o-Xylene
Concen: 19.470 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN057946.D
Acq: 11 Sep 2019 23:51

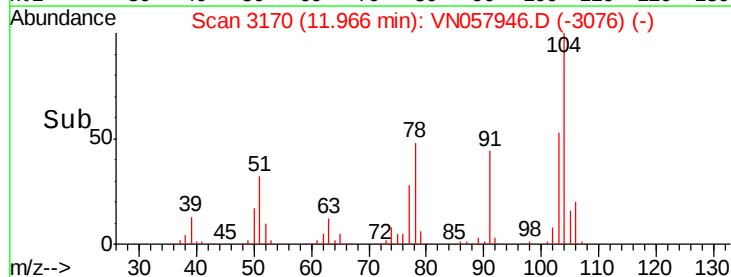
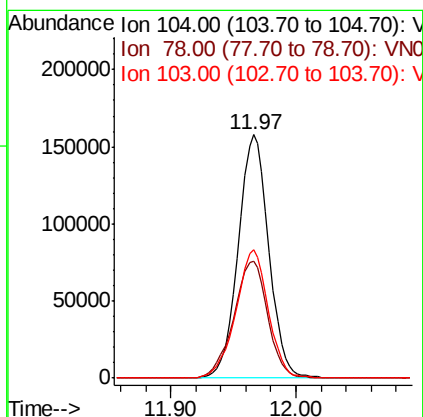
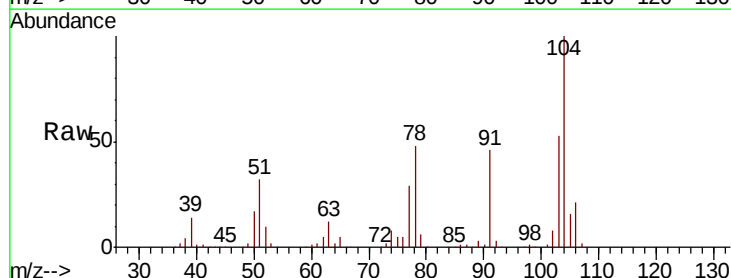
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

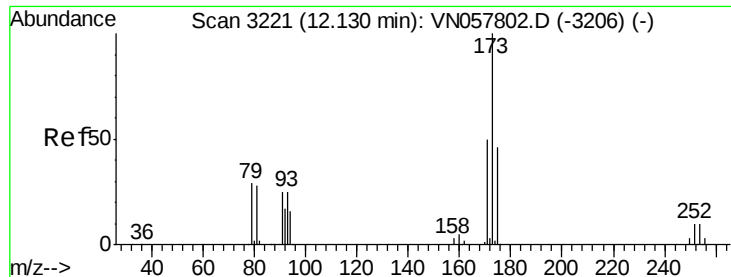
Tgt Ion:106 Resp: 153195
Ion Ratio Lower Upper
106 100
91 224.9 108.7 326.1



#70
Styrene
Concen: 19.690 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN057946.D
Acq: 11 Sep 2019 23:51

Tgt Ion:104 Resp: 266631
Ion Ratio Lower Upper
104 100
78 53.5 41.3 61.9
103 56.1 43.7 65.5





#71

Bromoform

Concen: 17.462 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

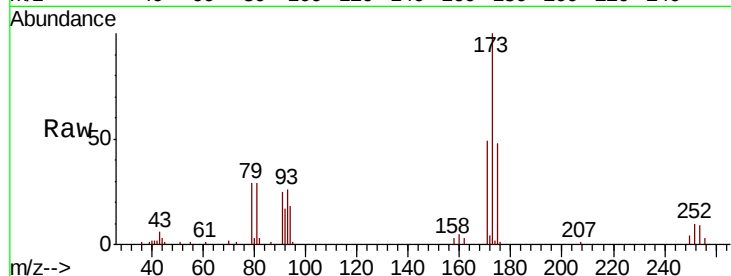
Tgt Ion:173 Resp: 46575

Ion Ratio Lower Upper

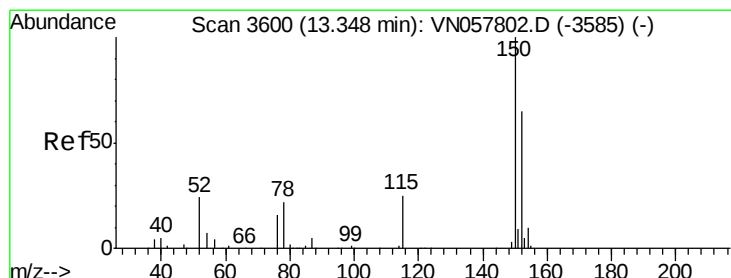
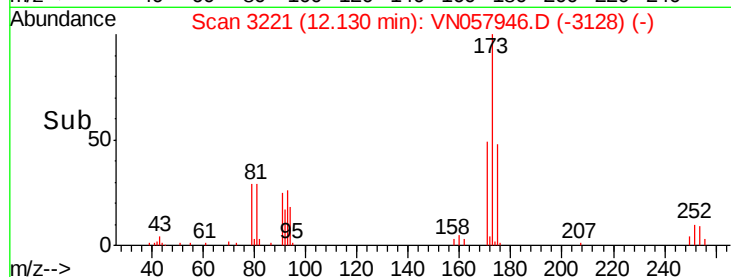
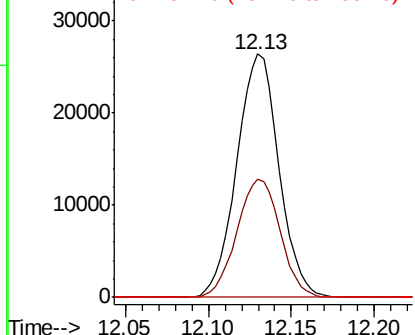
173 100

175 49.7 23.5 70.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

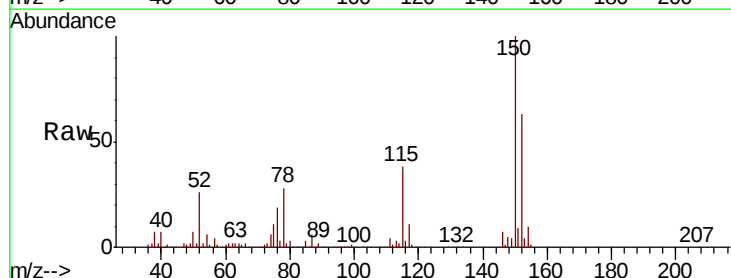
Tgt Ion:152 Resp: 268776

Ion Ratio Lower Upper

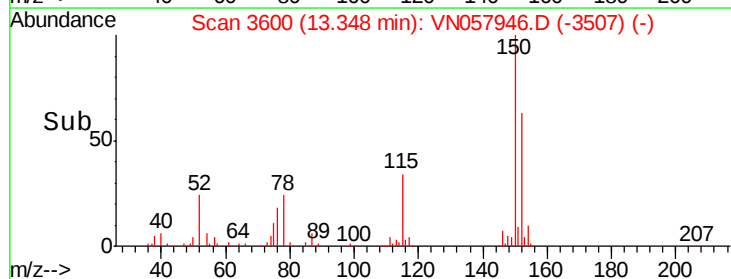
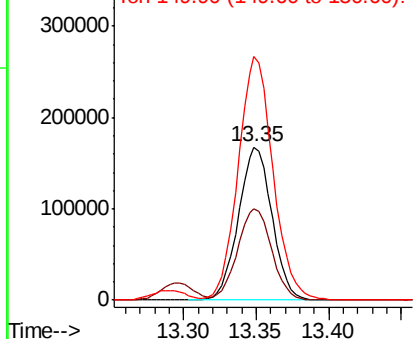
152 100

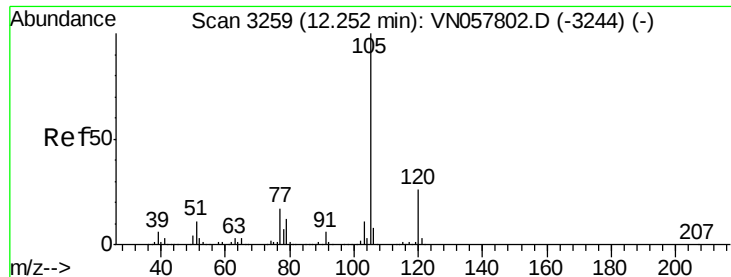
115 61.1 30.3 91.0

150 165.6 0.0 352.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.471 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampleId :

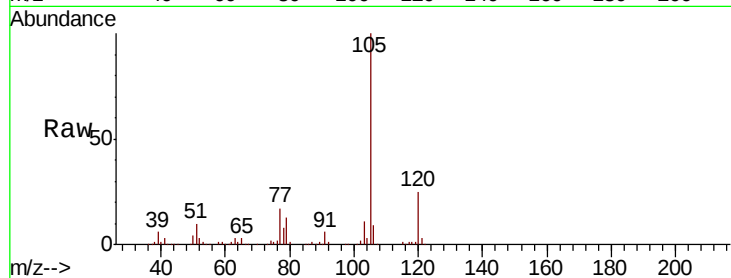
VN0912WBSD01

Tgt Ion:105 Resp: 426945

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

250000

200000

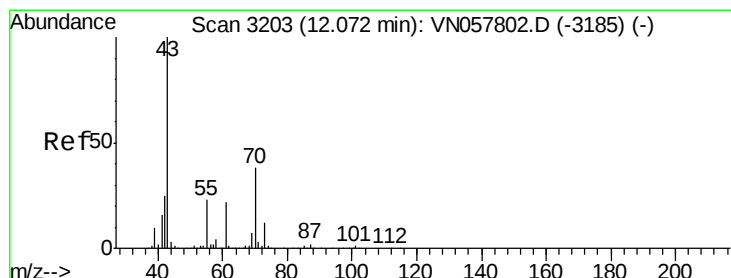
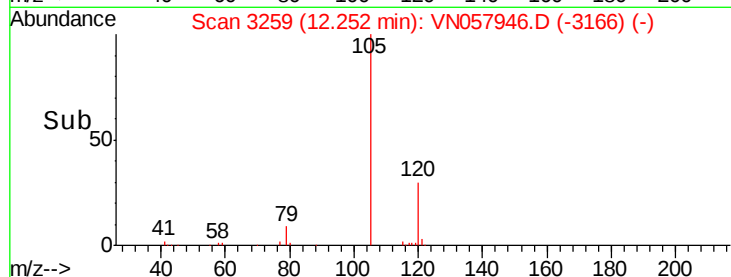
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.399 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Tgt Ion: 43 Resp: 176077

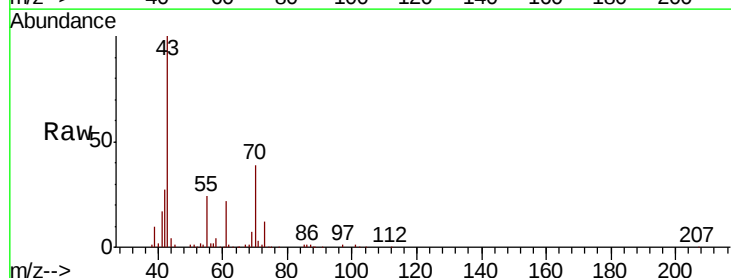
Ion Ratio Lower Upper

43 100

70 39.2 30.6 45.8

55 24.3 18.6 27.8

61 22.8 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

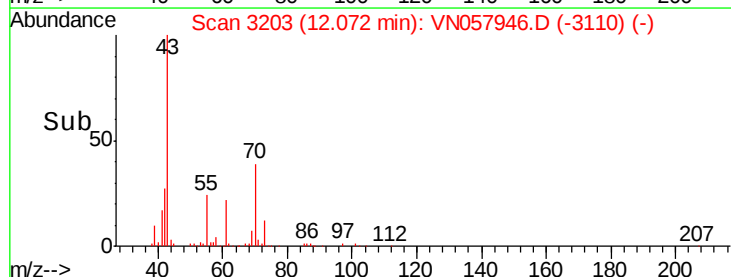
150000

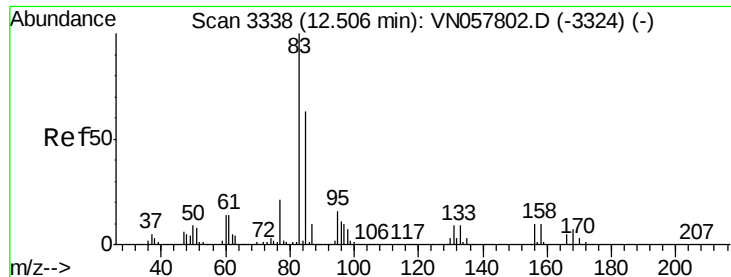
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.758 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

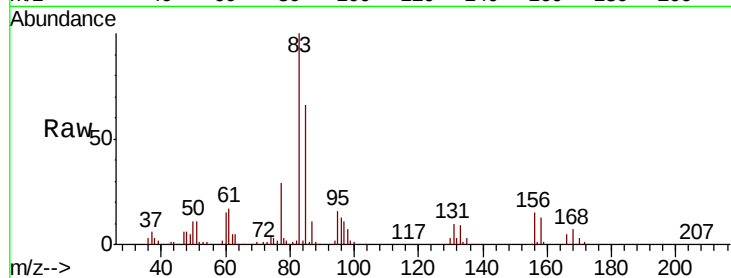
Tgt Ion: 83 Resp: 138748

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.3

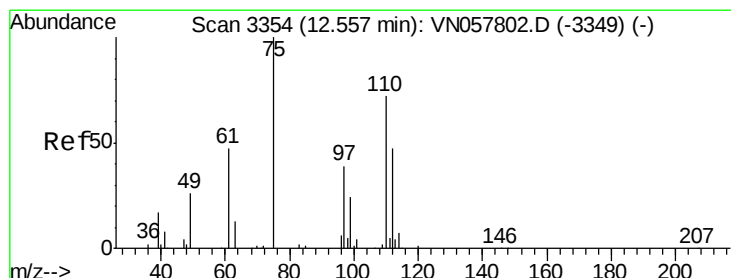
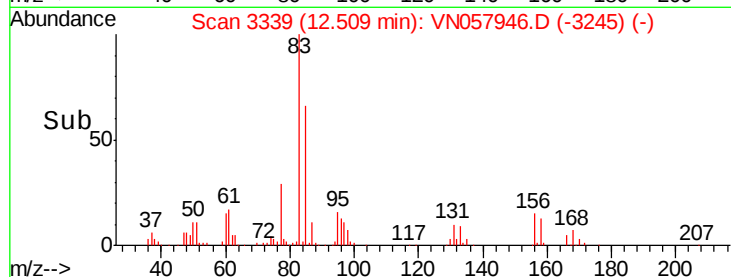
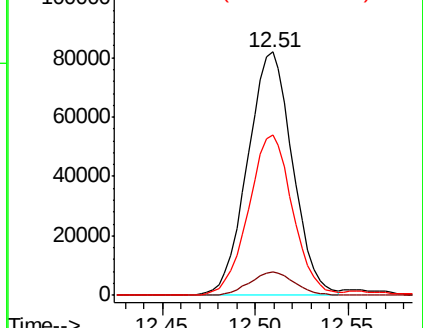
85 64.5 31.6 94.7



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: 26.371 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN057946.D

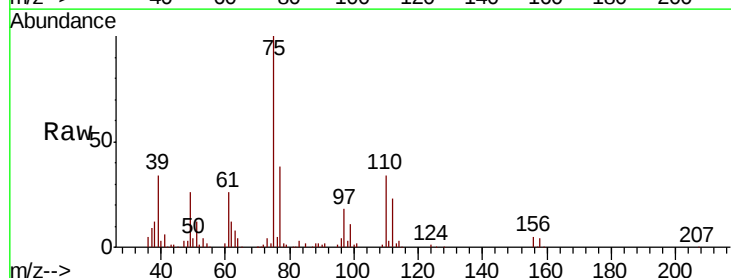
Acq: 11 Sep 2019 23:51

Tgt Ion: 75 Resp: 160339

Ion Ratio Lower Upper

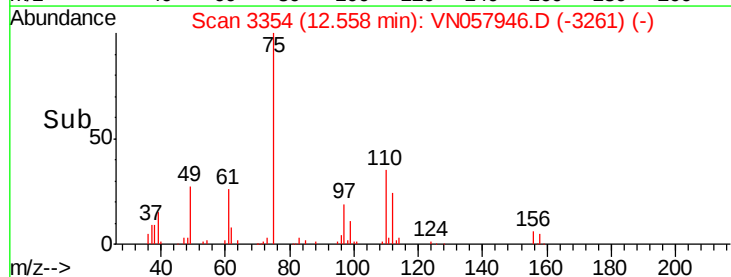
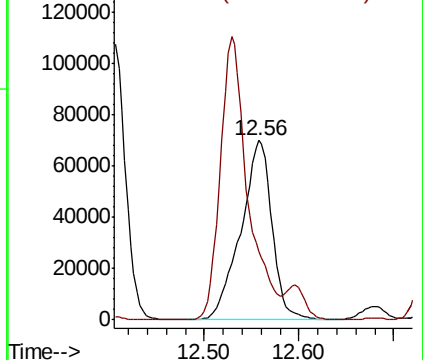
75 100

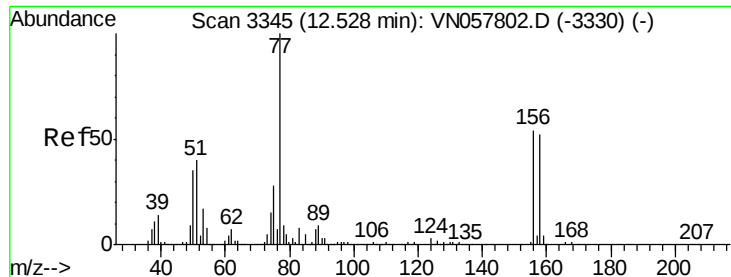
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.924 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

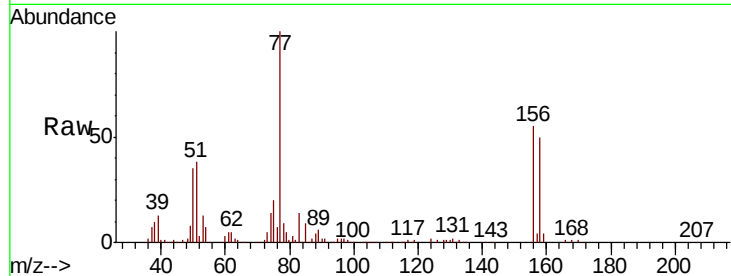
Tgt Ion:156 Resp: 103600

Ion Ratio Lower Upper

156 100

77 215.2 113.7 341.1

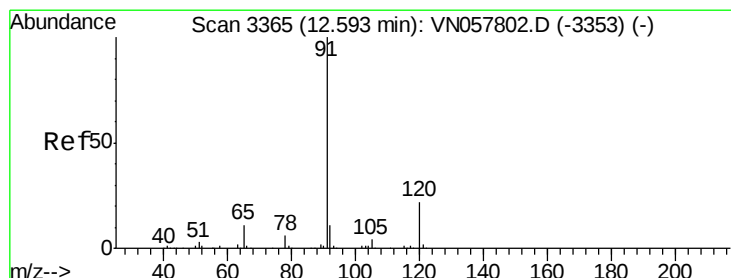
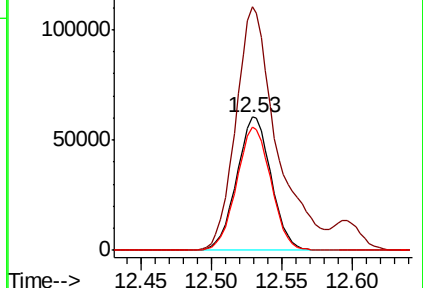
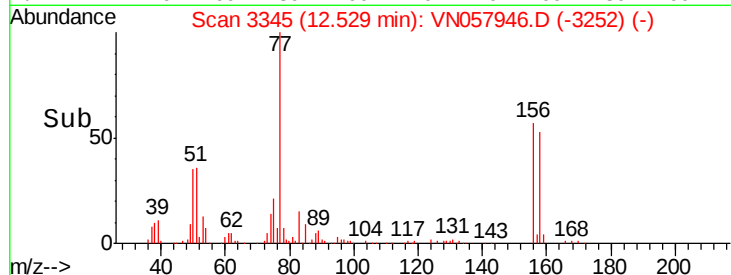
158 91.9 48.5 145.6



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: 20.951 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN057946.D

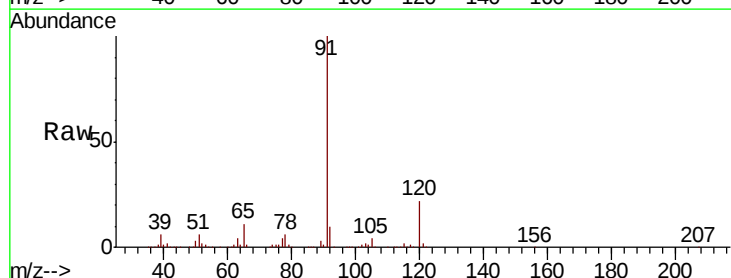
Acq: 11 Sep 2019 23:51

Tgt Ion: 91 Resp: 501766

Ion Ratio Lower Upper

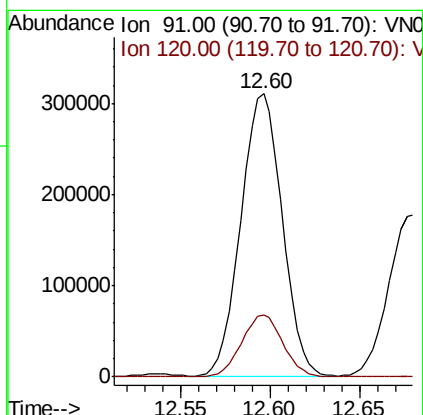
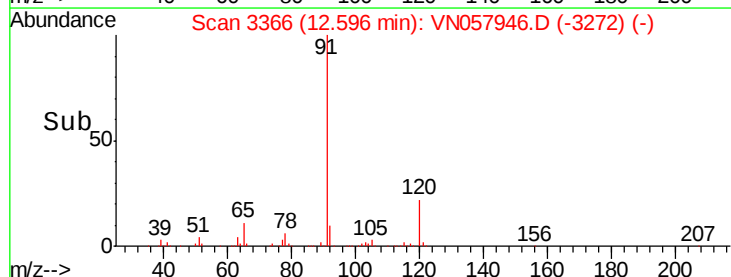
91 100

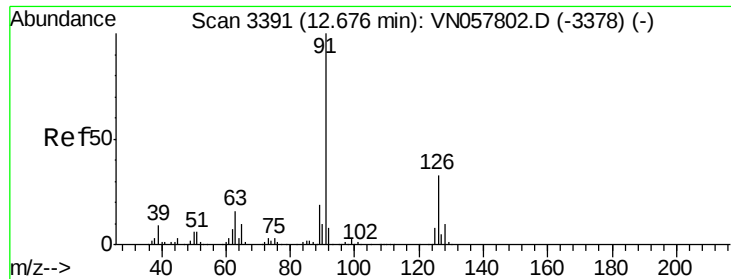
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.864 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampleId :

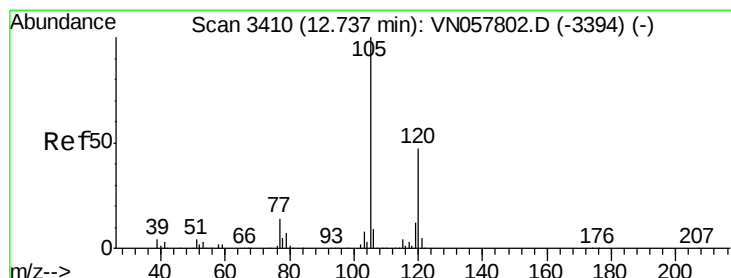
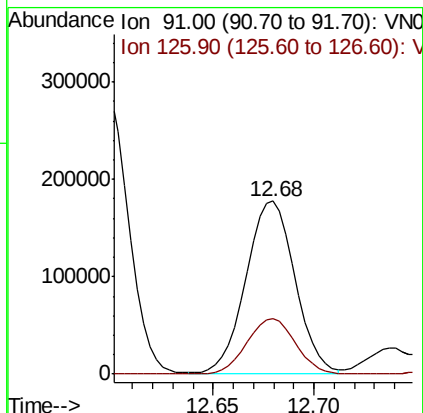
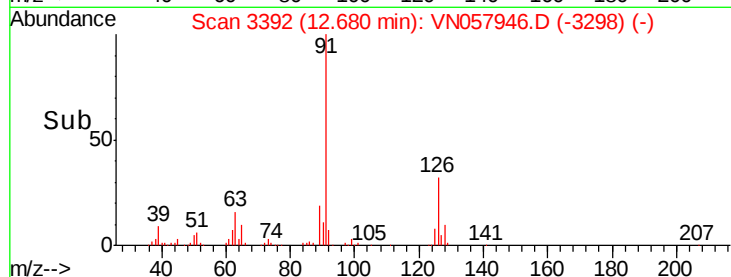
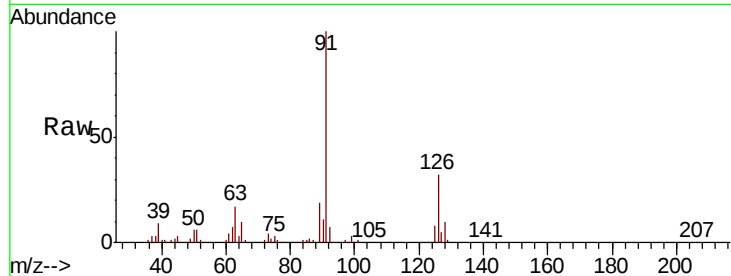
VN0912WBSD01

Tgt Ion: 91 Resp: 300672

Ion Ratio Lower Upper

91 100

126 32.1 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 20.592 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057946.D

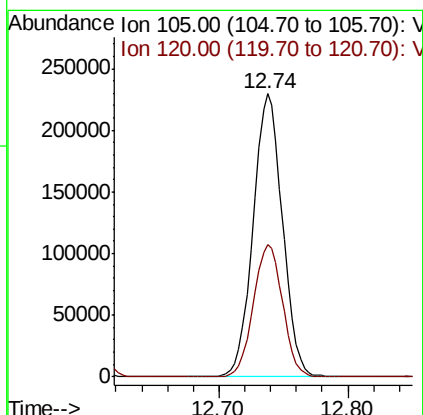
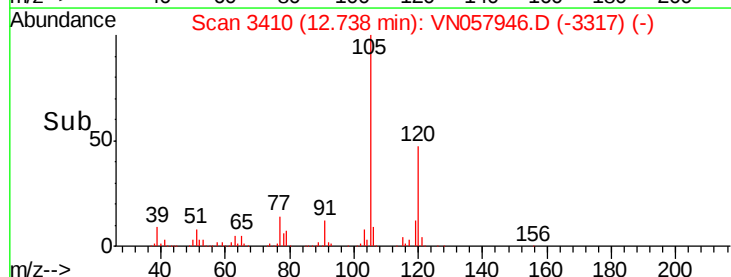
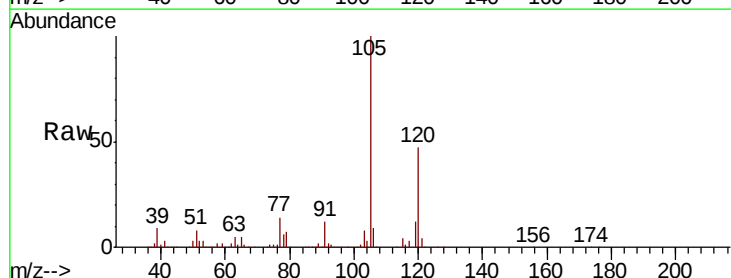
Acq: 11 Sep 2019 23:51

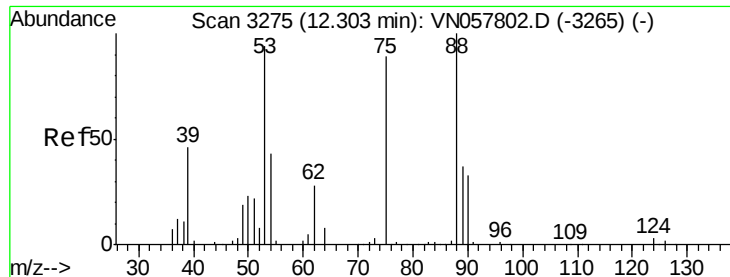
Tgt Ion: 105 Resp: 362877

Ion Ratio Lower Upper

105 100

120 46.8 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 15.196 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

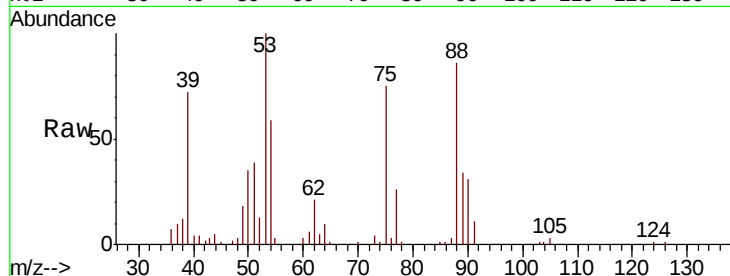
Tgt Ion: 75 Resp: 26256

Ion Ratio Lower Upper

75 100

53 129.1 88.4 132.6

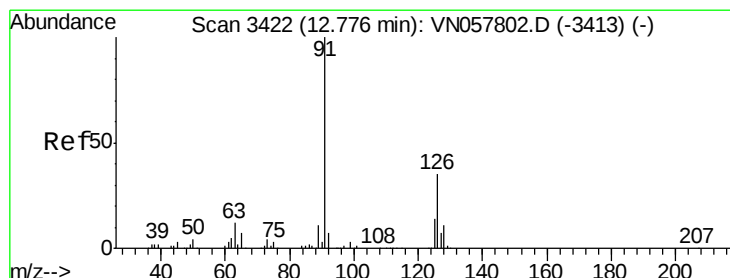
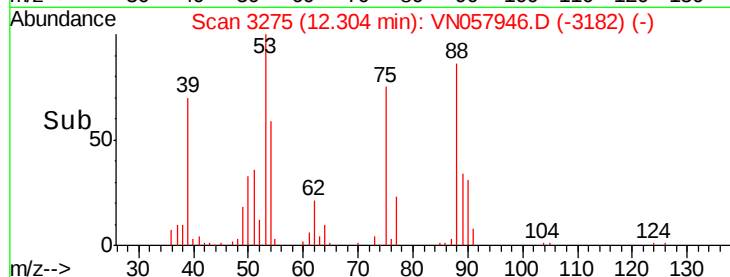
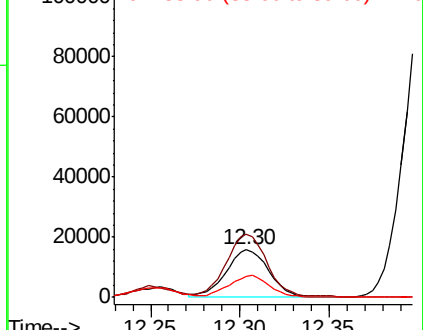
89 43.7 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.015 ug/l

RT: 12.78 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN057946.D

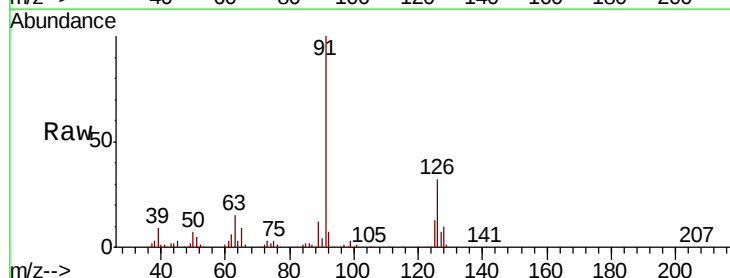
Acq: 11 Sep 2019 23:51

Tgt Ion: 91 Resp: 311120

Ion Ratio Lower Upper

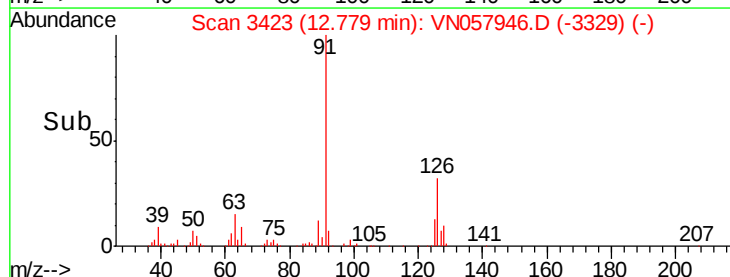
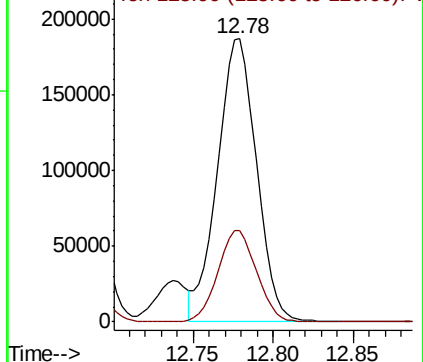
91 100

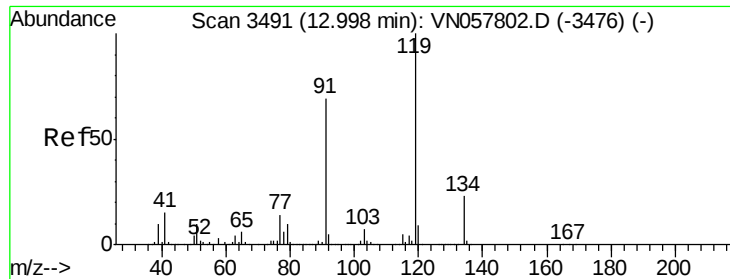
126 32.3 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

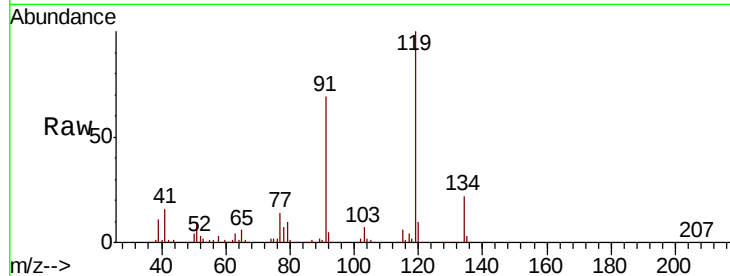




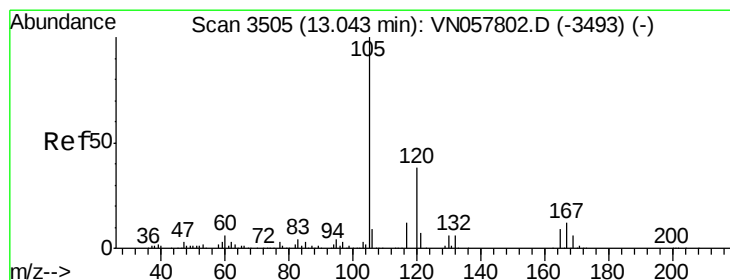
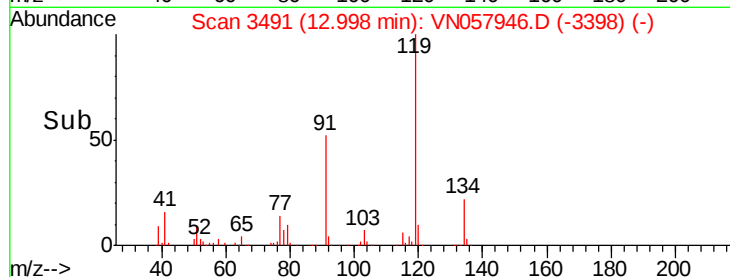
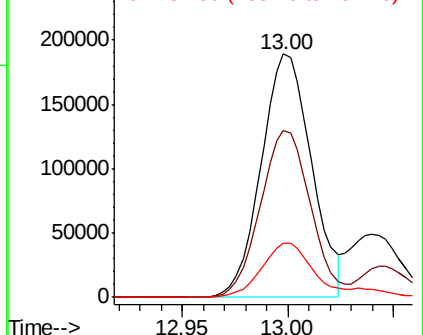
#83
 tert-Butylbenzene
 Concen: 20.054 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

Tgt Ion:119 Resp: 314140
 Ion Ratio Lower Upper
 119 100
 91 68.4 33.6 100.8
 134 25.3 11.7 35.0

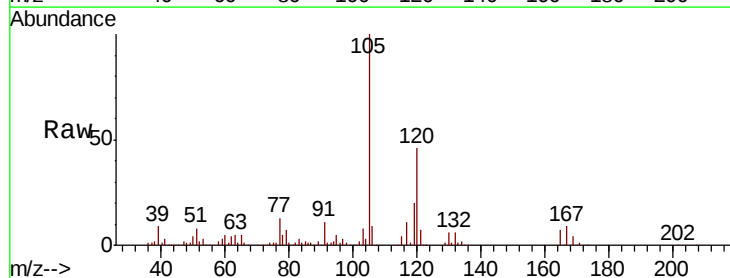


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

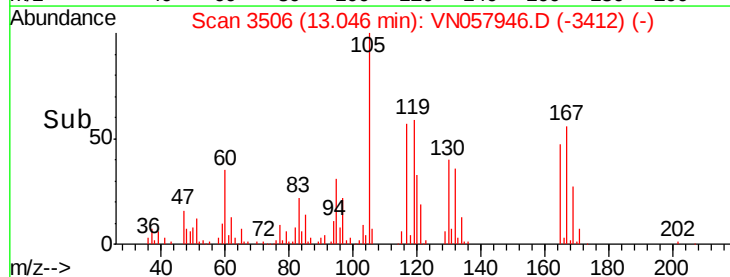
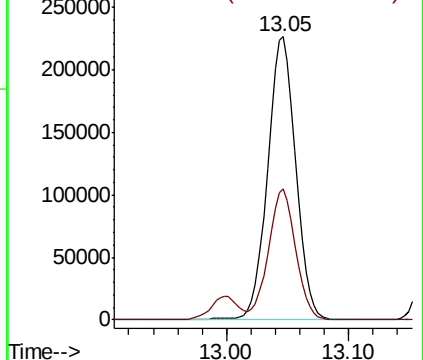


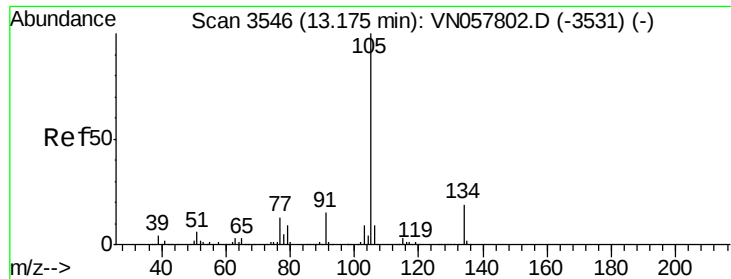
#84
 1,2,4-Trimethylbenzene
 Concen: 20.381 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

Tgt Ion:105 Resp: 365029
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.2



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

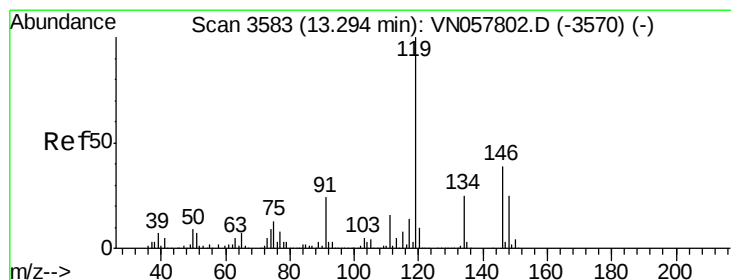
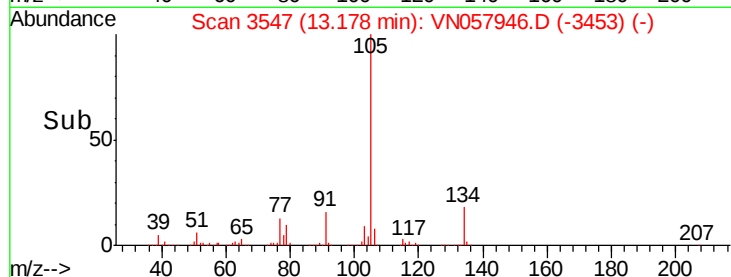
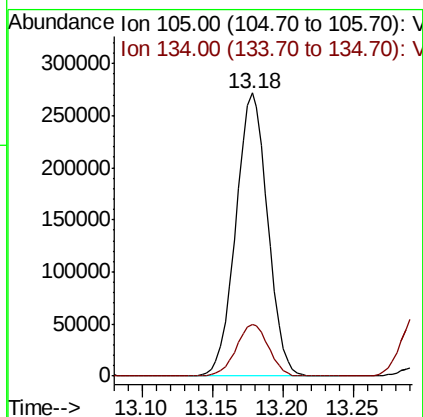
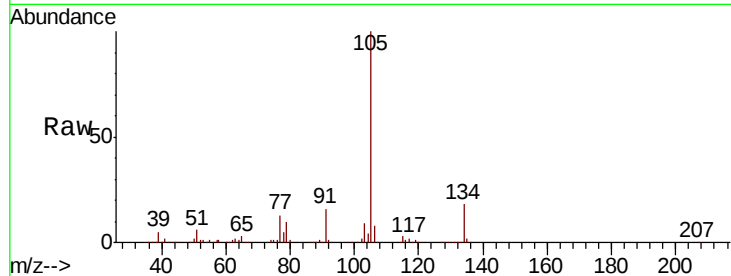




#85
 sec-Butylbenzene
 Concen: 20.613 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

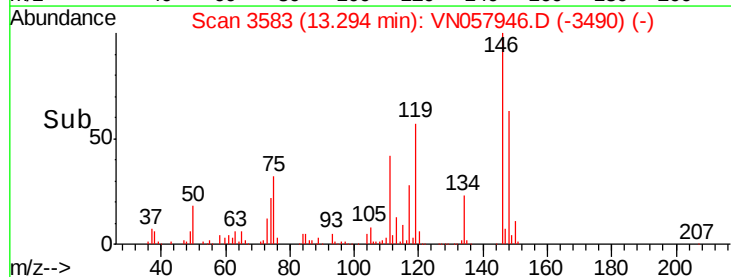
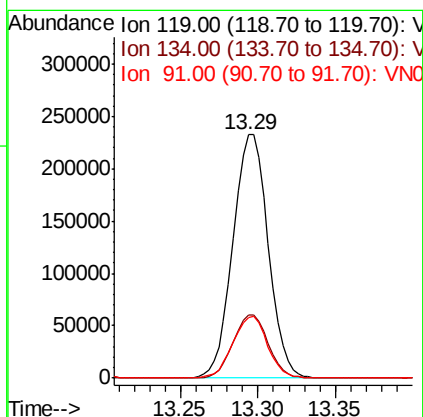
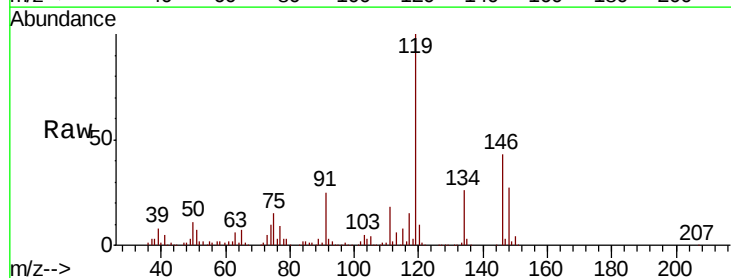
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

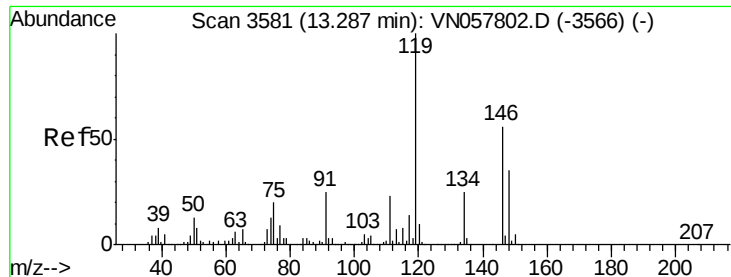
Tgt Ion:105 Resp: 427967
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 20.068 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

Tgt Ion:119 Resp: 367109
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.5 37.5
 91 25.2 12.3 36.8

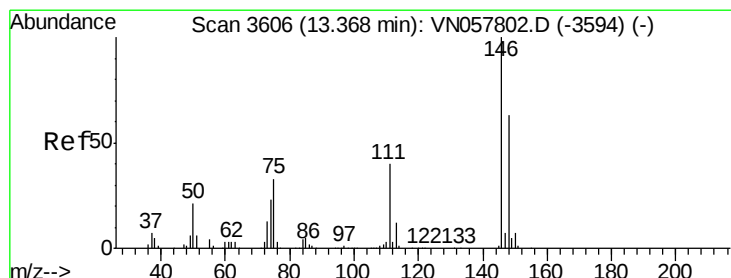
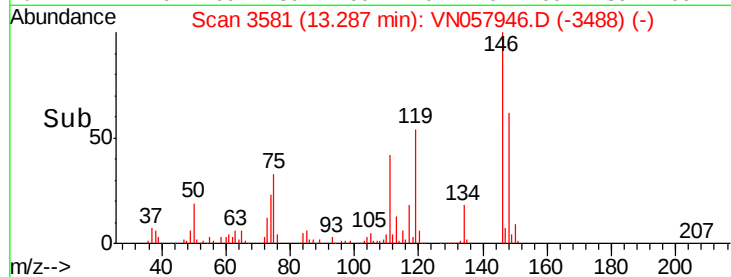
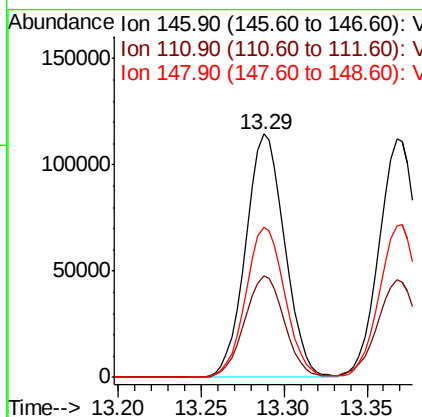
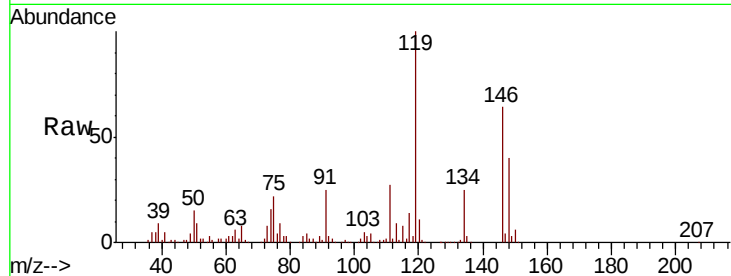




#87
 1,3-Dichlorobenzene
 Concen: 19.674 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

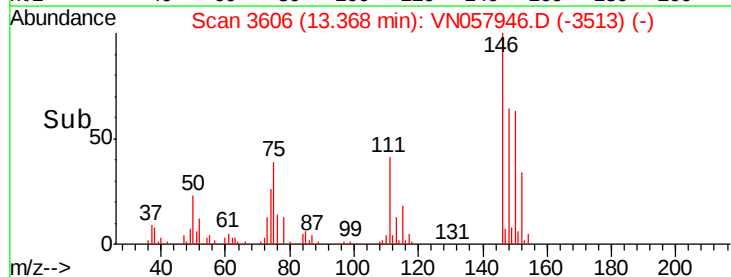
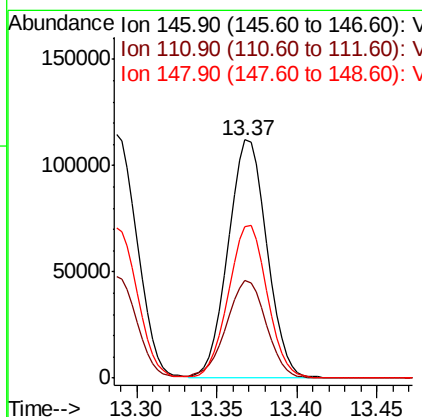
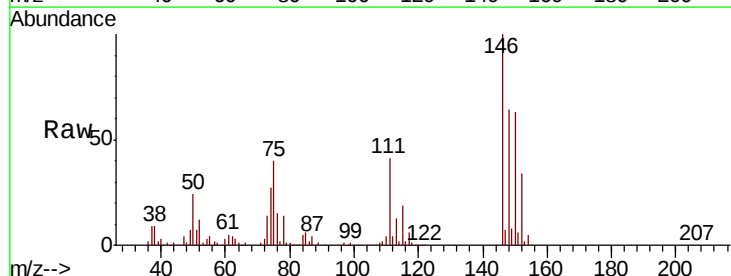
Instrument :
 MSVOA_N
 ClientSampled :
 VN0912WBSD01

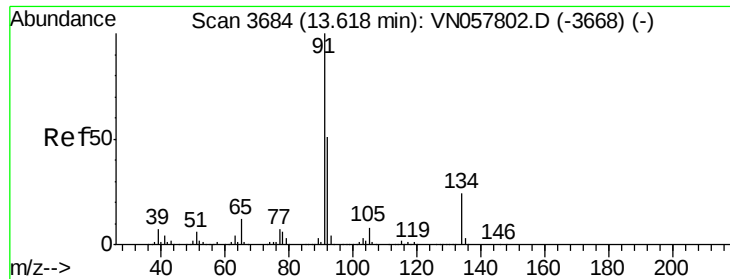
Tgt Ion:146 Resp: 187775
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.5 61.6
 148 62.0 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 19.063 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

Tgt Ion:146 Resp: 184680
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.4 61.2
 148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 19.290 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

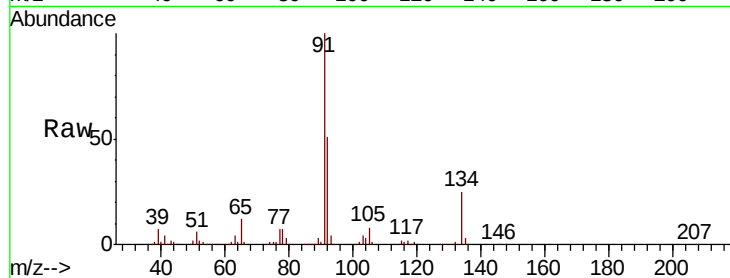
Tgt Ion: 91 Resp: 333251

Ion Ratio Lower Upper

91 100

92 51.2 25.7 77.0

134 23.9 11.9 35.7

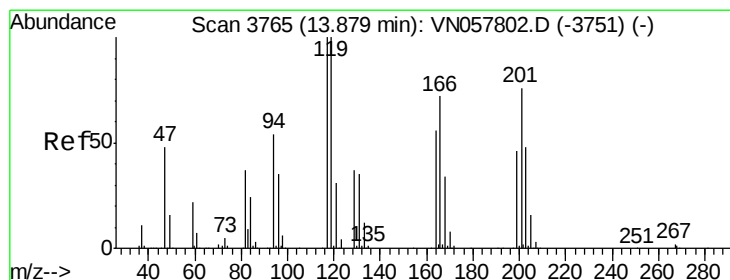
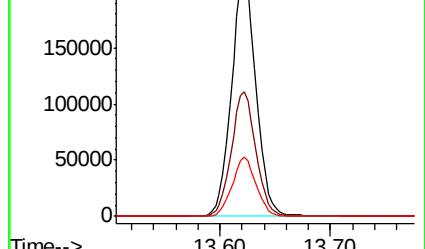
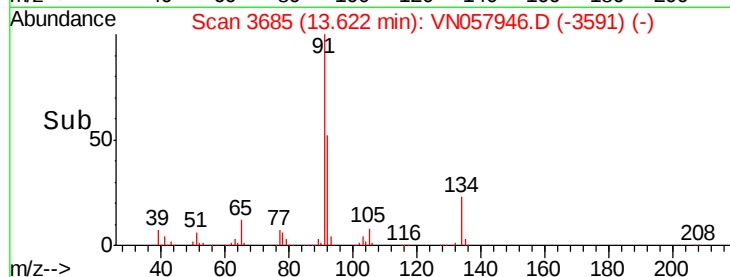


Abundance Ion 91.00 (90.70 to 91.70): VN057802.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN057802.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN057802.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 17.892 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN057946.D

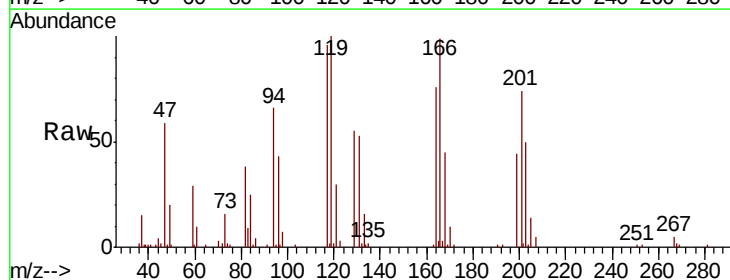
Acq: 11 Sep 2019 23:51

Tgt Ion: 117 Resp: 48678

Ion Ratio Lower Upper

117 100

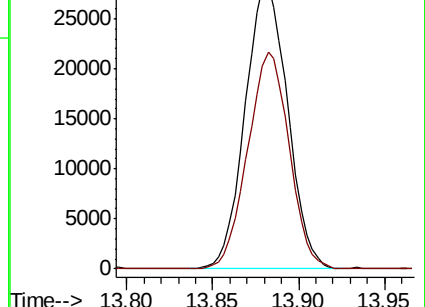
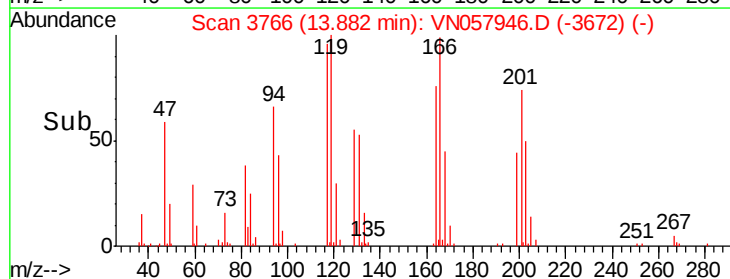
201 74.4 37.5 112.7

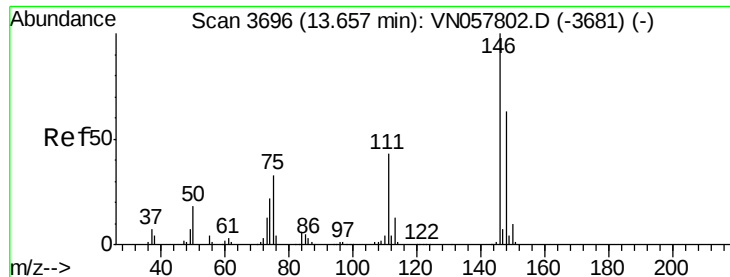


Abundance Ion 116.80 (116.50 to 117.50): VN057802.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN057802.D (-3751) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 19.645 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

Instrument :

MSVOA_N

ClientSampled :

VN0912WBSD01

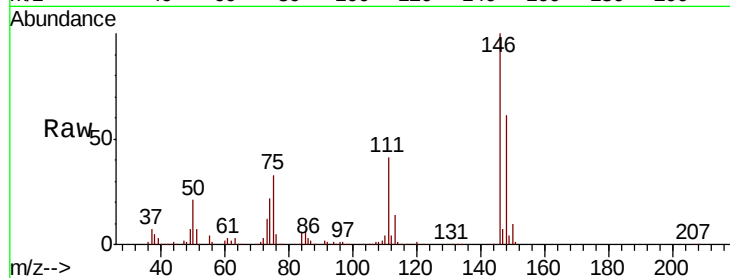
Tgt Ion:146 Resp: 187322

Ion Ratio Lower Upper

146 100

111 42.1 21.3 63.9

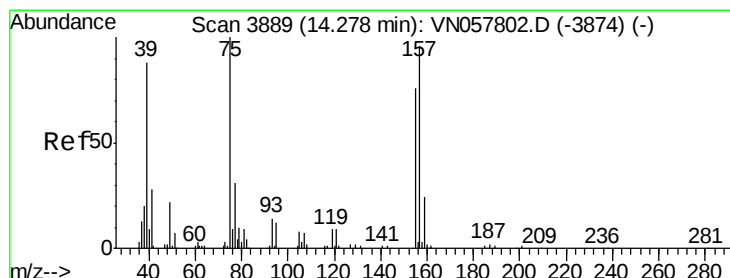
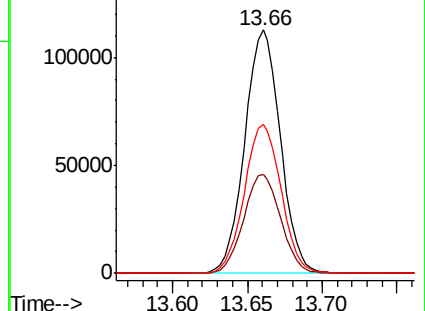
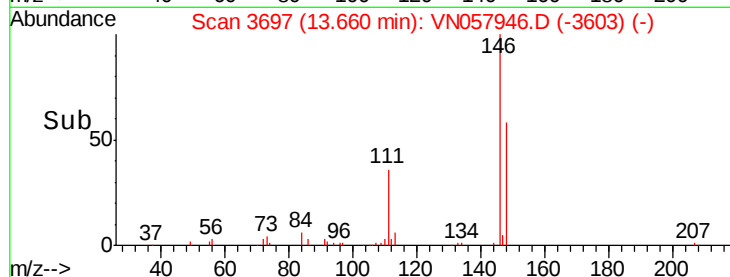
148 63.1 31.4 94.3



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: 18.394 ug/l

RT: 14.28 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN057946.D

Acq: 11 Sep 2019 23:51

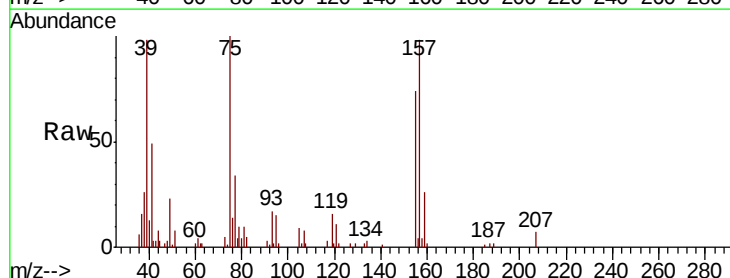
Tgt Ion: 75 Resp: 21331

Ion Ratio Lower Upper

75 100

155 74.7 37.3 111.8

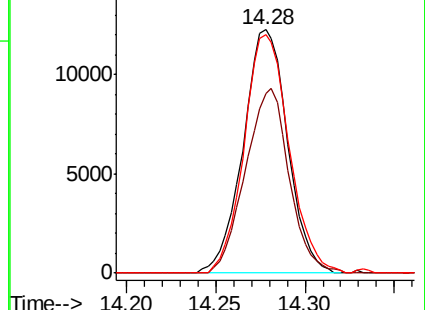
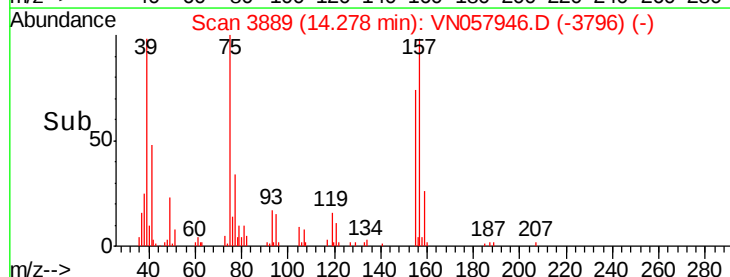
157 99.0 47.9 143.8



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

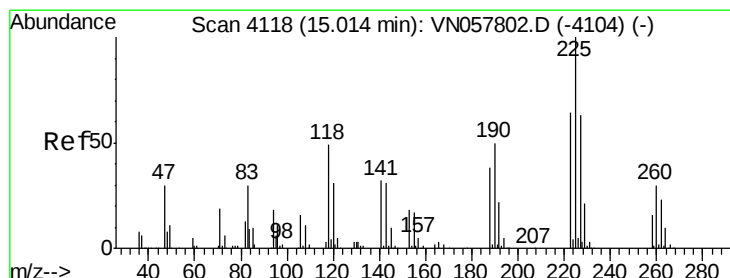
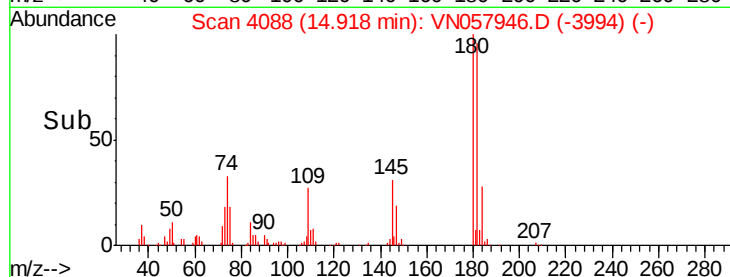
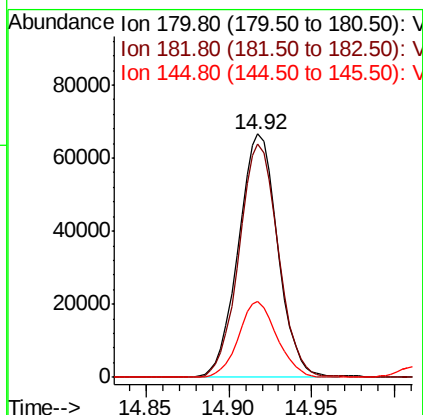
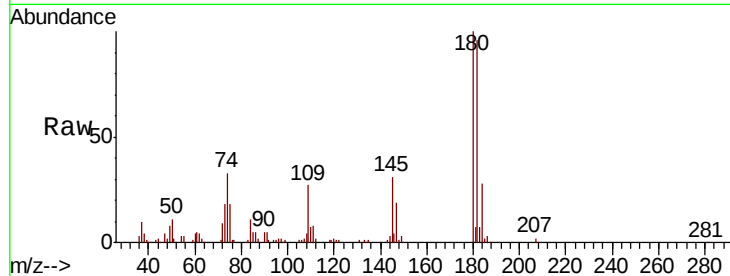




#93
 1,2,4-Trichlorobenzene
 Concen: 17.609 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

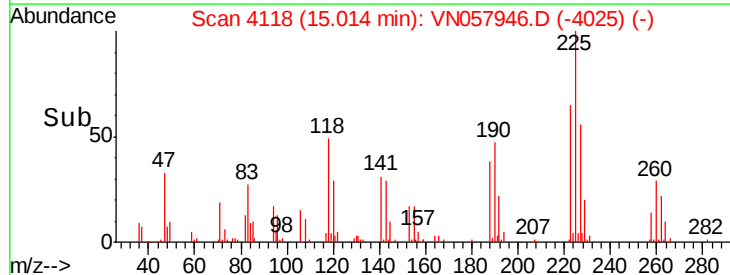
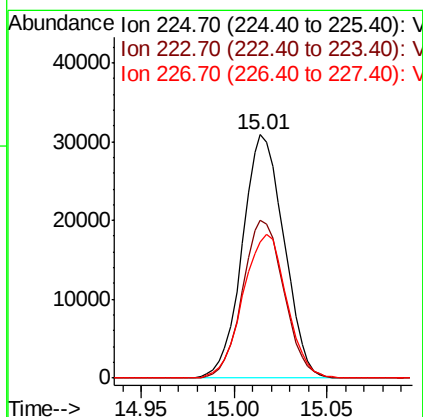
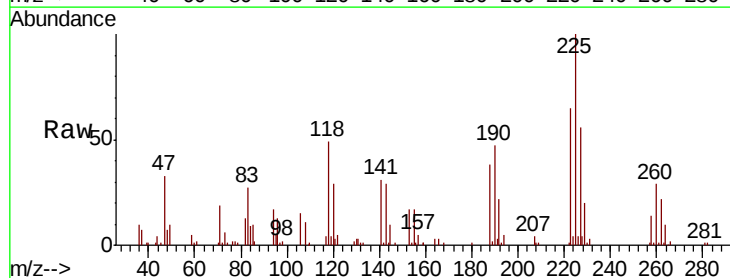
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

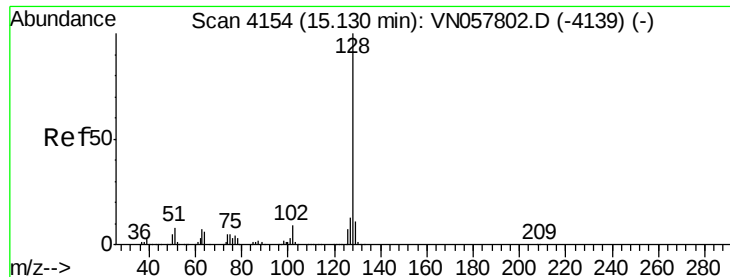
Tgt Ion:180 Resp: 109744
 Ion Ratio Lower Upper
 180 100
 182 95.7 46.9 140.8
 145 30.6 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 18.263 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN057946.D
 Acq: 11 Sep 2019 23:51

Tgt Ion:225 Resp: 48251
 Ion Ratio Lower Upper
 225 100
 223 64.4 32.4 97.2
 227 61.7 31.8 95.4

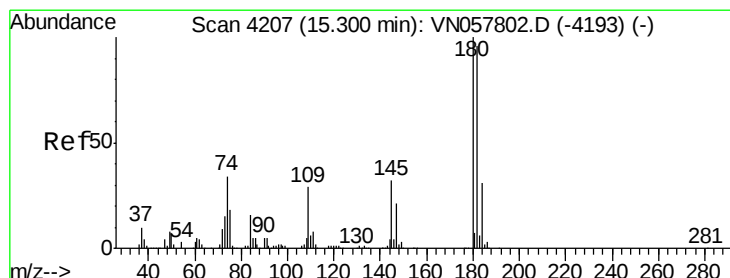
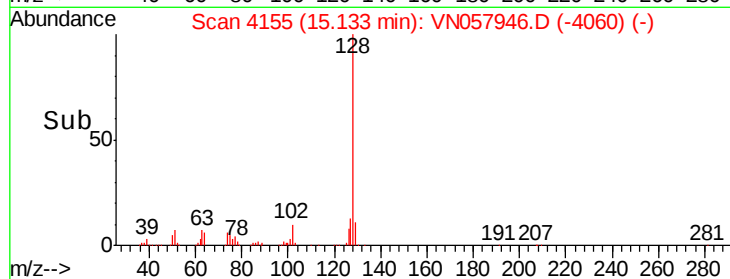
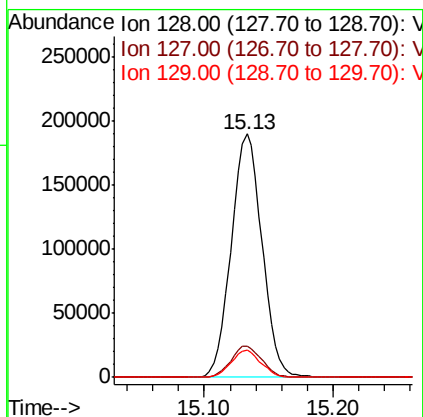
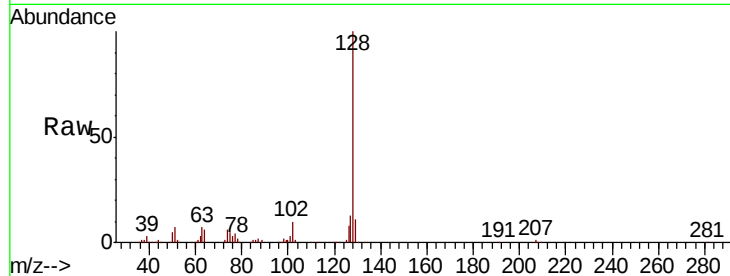




#95
Naphthalene
Concen: 19.057 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN057946.D
Acq: 11 Sep 2019 23:51

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion:128 Resp: 315143
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.054 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN057946.D
Acq: 11 Sep 2019 23:51

Tgt Ion:180 Resp: 105792
Ion Ratio Lower Upper
180 100
182 94.8 48.3 144.8
145 31.8 16.3 48.8

