

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058275.D
 Acq On : 23 Sep 2019 8:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 23 13:00:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	470201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	793108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	735444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	366875	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	341162	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
35) Dibromofluoromethane	7.57	113	242651	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.09	98	963952	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.40	95	361893	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	171225	44.329	ug/l	98
3) Chloromethane	2.03	50	146786	49.287	ug/l	96
4) Vinyl Chloride	2.17	62	156324	47.978	ug/l	98
5) Bromomethane	2.54	94	87899	50.987	ug/l	98
6) Chloroethane	2.68	64	107581	51.642	ug/l	99
7) Trichlorofluoromethane	3.00	101	236864	44.927	ug/l	99
8) Diethyl Ether	3.39	74	111131	46.003	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.74	101	180583	47.506	ug/l	99
10) Methyl Iodide	3.93	142	149509	46.938	ug/l	100
11) Tert butyl alcohol	4.75	59	184273	236.546	ug/l	100
12) 1,1-Dichloroethene	3.72	96	141859	49.170	ug/l	93
13) Acrolein	3.59	56	37232	322.502	ug/l	100
14) Allyl chloride	4.30	41	274984	44.209	ug/l	91
15) Acrylonitrile	4.96	53	541815	261.050	ug/l	100
16) Acetone	3.79	43	655079	294.684	ug/l	98
17) Carbon Disulfide	4.03	76	191834	47.259	ug/l	98
18) Methyl Acetate	4.30	43	287383	49.130	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	720711	50.269	ug/l	99
20) Methylene Chloride	4.53	84	200247	51.457	ug/l	98
21) trans-1,2-Dichloroethene	5.02	96	154603	49.176	ug/l	97
22) Diisopropyl ether	5.93	45	811609	51.367	ug/l	99
23) Vinyl Acetate	5.87	43	2929910	271.001	ug/l	100
24) 1,1-Dichloroethane	5.82	63	419704	49.770	ug/l	99
25) 2-Butanone	6.81	43	847826	279.944	ug/l	99
26) 2,2-Dichloropropane	6.80	77	356431	49.821	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	233464	48.962	ug/l	99
28) Bromochloromethane	7.18	49	214916	53.873	ug/l	98
29) Tetrahydrofuran	7.19	42	458763	245.919	ug/l	99
30) Chloroform	7.35	83	452609	49.862	ug/l	99
31) Cyclohexane	7.63	56	264642	48.475	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	351258	50.831	ug/l	99
36) 1,1-Dichloropropene	7.78	75	260545	45.554	ug/l	100
37) Ethyl Acetate	6.91	43	300976	50.707	ug/l	100
38) Carbon Tetrachloride	7.76	117	282782	49.185	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	261706	47.329	ug/l	98
40) Benzene	8.03	78	842149	48.207	ug/l	100
41) Methacrylonitrile	7.16	41	167723	55.980	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	362496	49.452	ug/l	100
43) Isopropyl Acetate	8.15	43	535744	48.329	ug/l #	92
44) Trichloroethene	8.82	130	206759	48.365	ug/l	99
45) 1,2-Dichloropropane	9.11	63	265561	50.903	ug/l	99
46) Dibromomethane	9.20	93	156850	49.451	ug/l	99
47) Bromodichloromethane	9.39	83	356974	53.721	ug/l	100
48) Methyl methacrylate	9.19	41	261923	52.039	ug/l	99
49) 1,4-Dioxane	9.19	88	87112	1054.169	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1686155	286.370	ug/l	99
52) Toluene	10.15	92	537272	49.074	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	373321	54.846	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	395062	52.569	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	253395	52.155	ug/l	98
56) Ethyl methacrylate	10.43	69	378737	54.028	ug/l	99
57) 1,3-Dichloropropane	10.71	76	425568	50.952	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	936453	280.454	ug/l	100
59) 2-Hexanone	10.75	43	1315286	300.776	ug/l	98
60) Dibromochloromethane	10.90	129	266004	56.910	ug/l	100
61) 1,2-Dibromoethane	11.00	107	230097	51.103	ug/l	100
64) Tetrachloroethene	10.63	164	163450	45.591	ug/l	99
65) Chlorobenzene	11.43	112	633217	48.950	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	249602	53.213	ug/l	100
67) Ethyl Benzene	11.51	91	1139803	51.422	ug/l	100
68) m/p-Xylenes	11.62	106	834069	99.910	ug/l	98
69) o-Xylene	11.95	106	419262	51.075	ug/l	100
70) Styrene	11.97	104	756754	53.505	ug/l	100
71) Bromoform	12.13	173	172830	49.720	ug/l #	99
73) Isopropylbenzene	12.25	105	1197476	52.146	ug/l	99
74) N-amyl acetate	12.07	43	523253	54.467	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	398915	51.874	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	486874	74.152	ug/l #	100
77) Bromobenzene	12.53	156	282248	48.862	ug/l	98
78) n-propylbenzene	12.60	91	1421941	54.490	ug/l	99
79) 2-Chlorotoluene	12.68	91	853099	52.310	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	1025575	52.813	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	107292	48.792	ug/l	99
82) 4-Chlorotoluene	12.78	91	886342	51.702	ug/l	99
83) tert-Butylbenzene	13.00	119	893636	51.604	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	1048142	54.238	ug/l	99
85) sec-Butylbenzene	13.18	105	1232108	54.409	ug/l	100
86) p-Isopropyltoluene	13.30	119	1105849	54.930	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	544074	51.568	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	545312	50.627	ug/l	100
89) n-Butylbenzene	13.62	91	1022443	53.568	ug/l	100
90) Hexachloroethane	13.88	117	182037	51.476	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	543463	51.351	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	74657	53.925	ug/l	98

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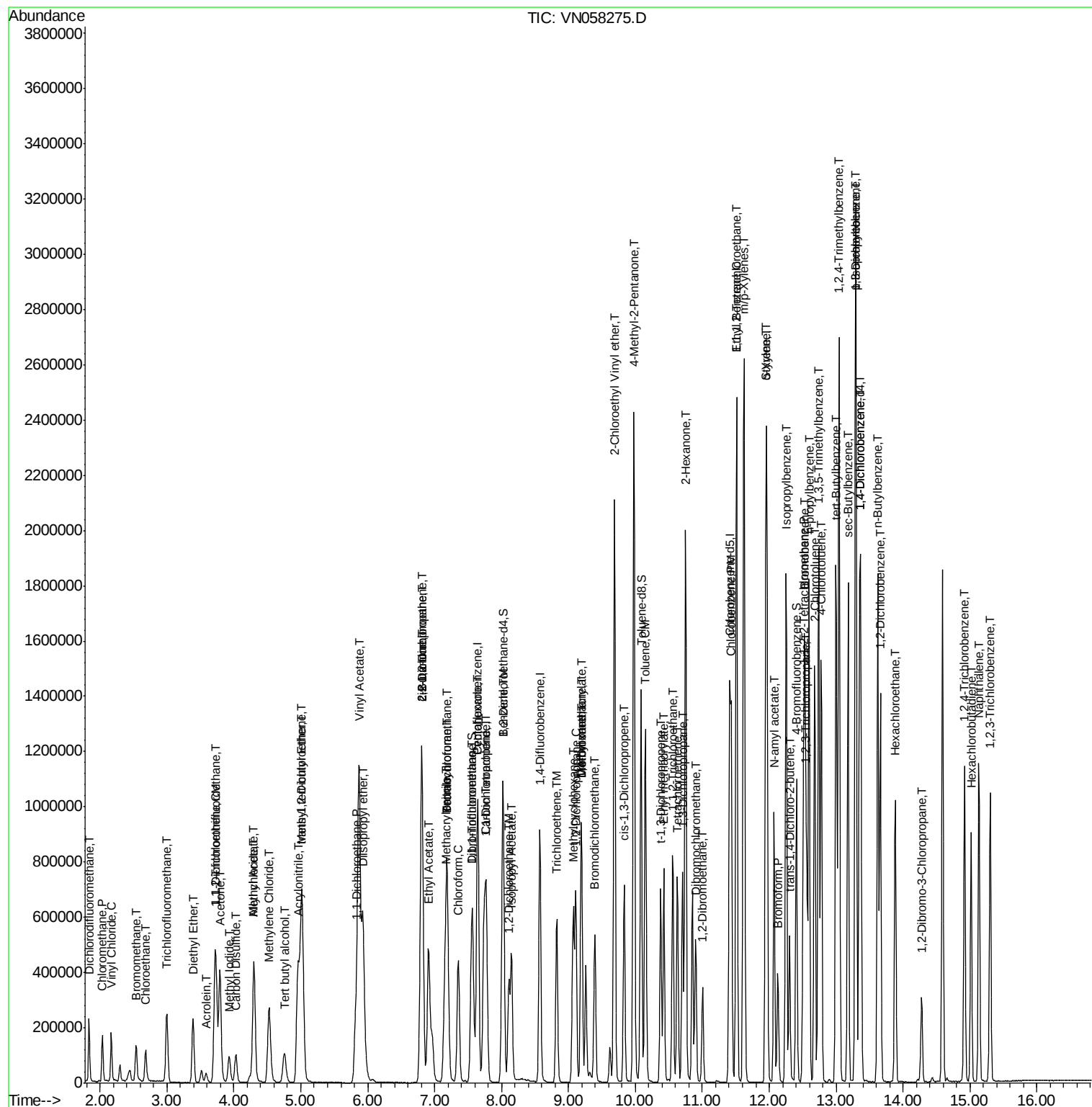
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	339058	50.142	ug/l	99
94) Hexachlorobutadiene	15.02	225	152163	46.557	ug/l	100
95) Naphthalene	15.13	128	904845	51.634	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	315907	49.428	ug/l	100

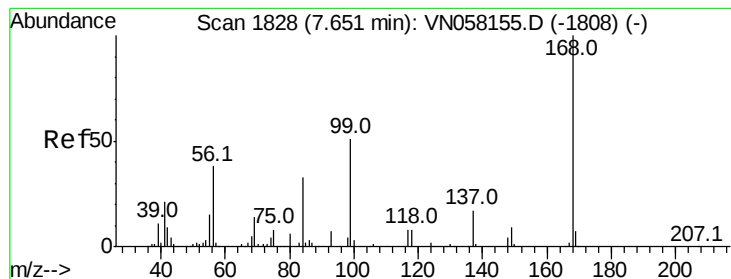
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

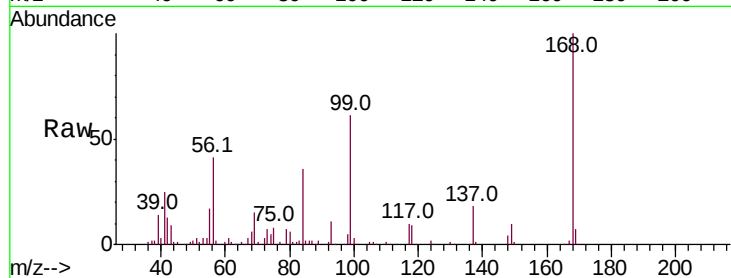
VSTDCCC050

Tot Ion:168 Resp: 470201

Ion Ratio Lower Upper

168 100

99 60.1 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

150000

100000

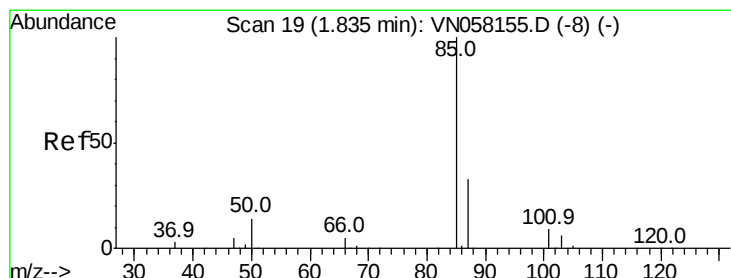
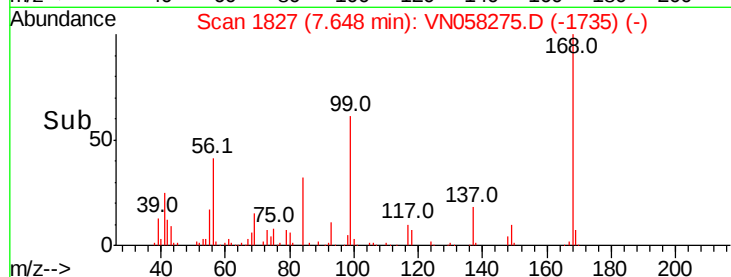
50000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 44.329 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN058275.D

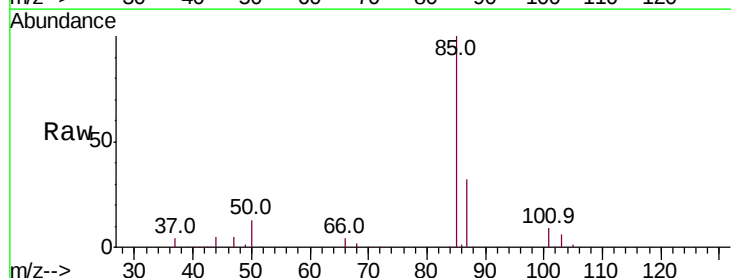
Acq: 23 Sep 2019 8:42

Tgt Ion: 85 Resp: 171225

Ion Ratio Lower Upper

85 100

87 31.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

100000

50000

0

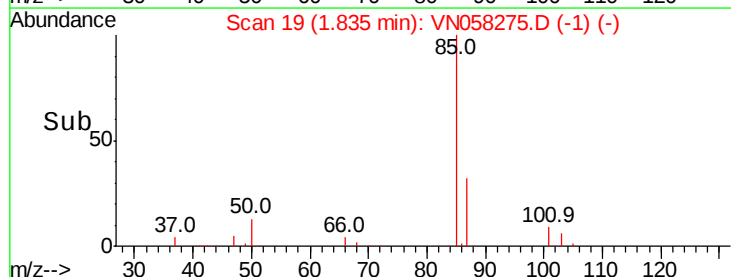
1.75

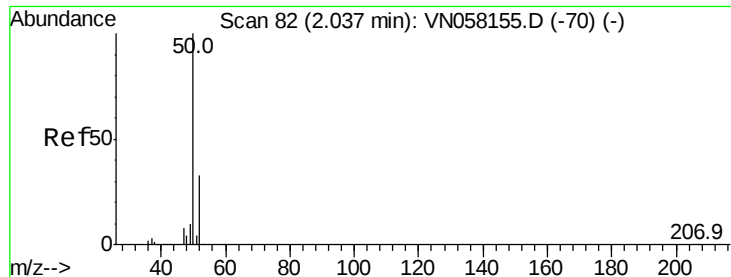
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 49.287 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

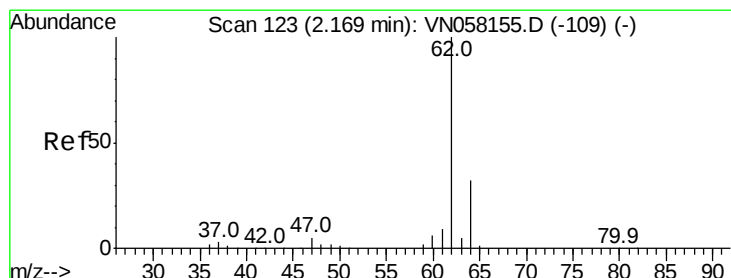
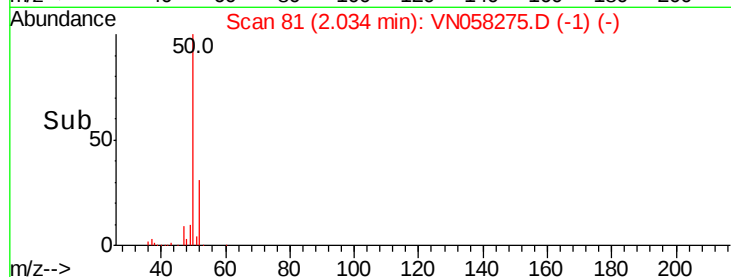
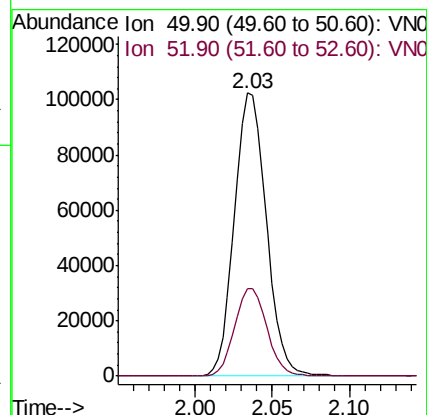
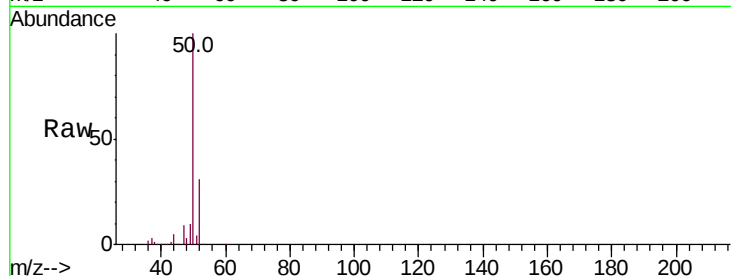
VSTDCCC050

Tot Ion: 50 Resp: 146786

Ion Ratio Lower Upper

50 100

52 30.8 26.3 39.5



#4

Vinyl Chloride

Concen: 47.978 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058275.D

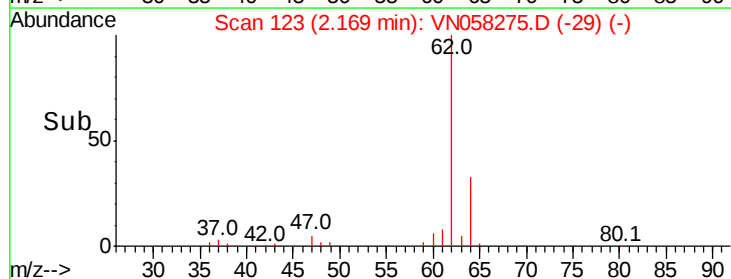
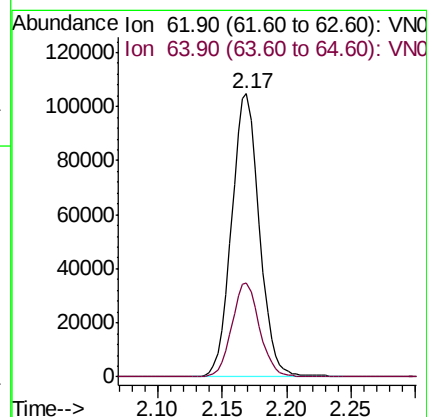
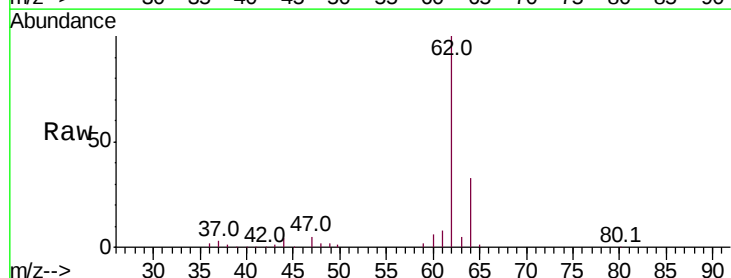
Acq: 23 Sep 2019 8:42

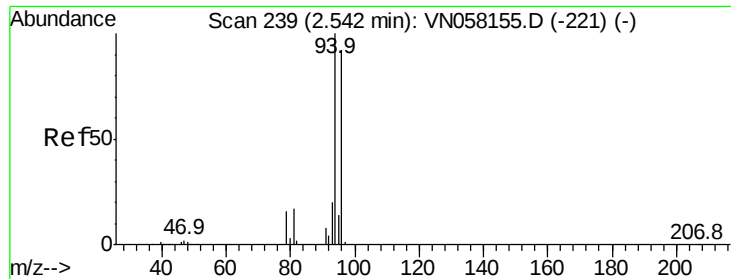
Tgt Ion: 62 Resp: 156324

Ion Ratio Lower Upper

62 100

64 33.2 25.4 38.2

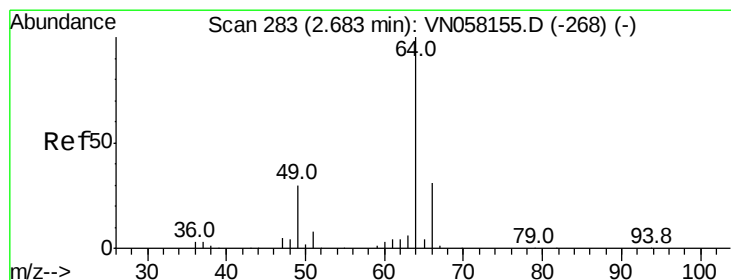
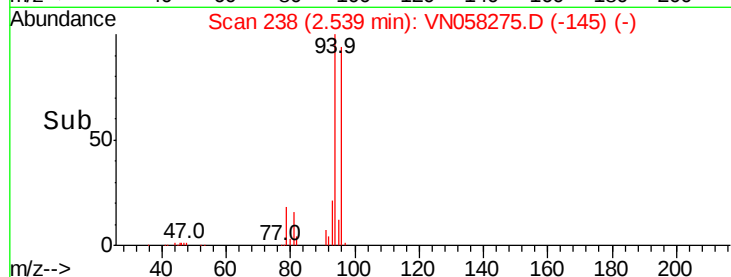
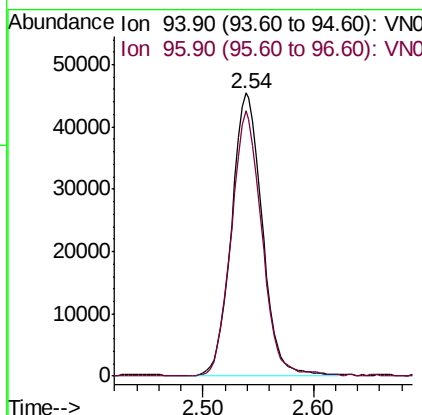
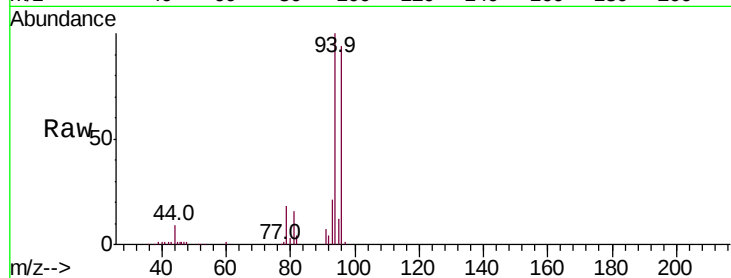




#5
Bromomethane
Concen: 50.987 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

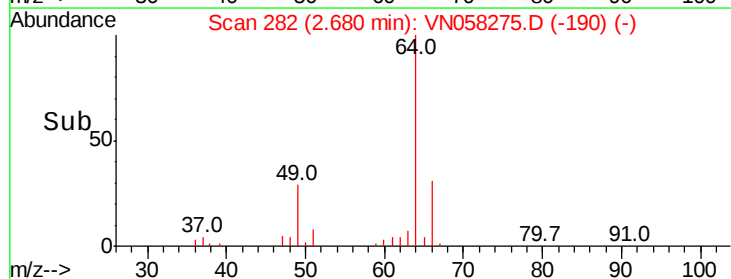
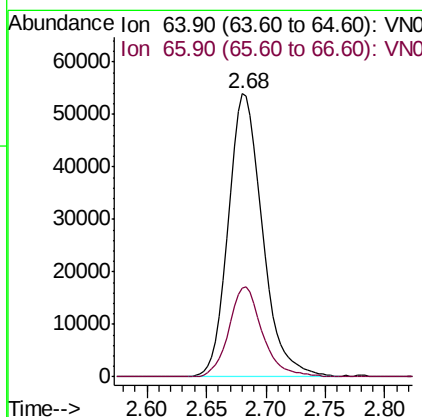
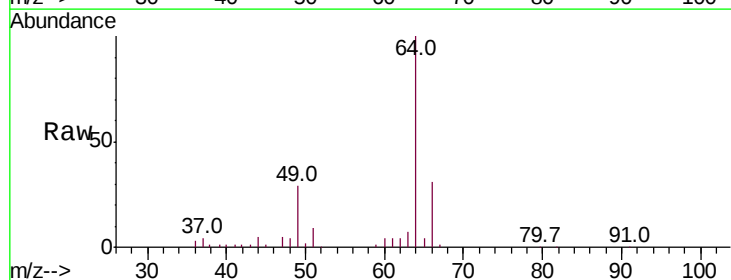
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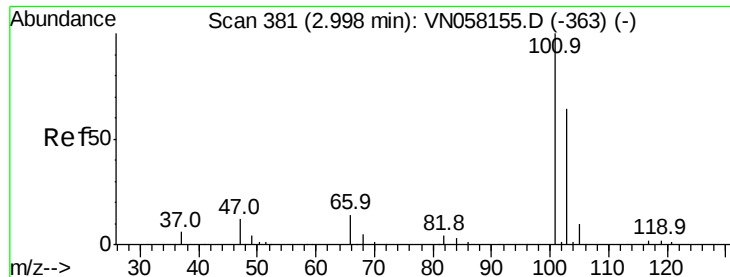
Tot Ion: 94 Resp: 87899
Ion Ratio Lower Upper
94 100
96 93.6 73.3 109.9



#6
Chloroethane
Concen: 51.642 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

Tgt Ion: 64 Resp: 107581
Ion Ratio Lower Upper
64 100
66 31.4 24.6 37.0



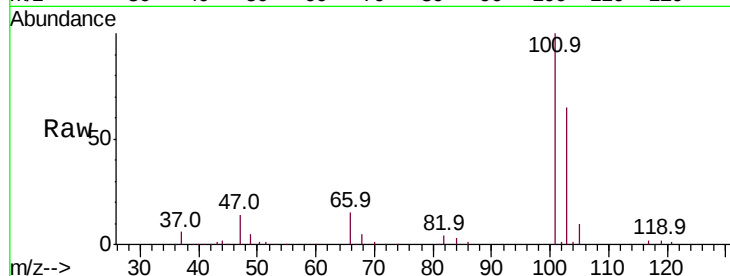


#7

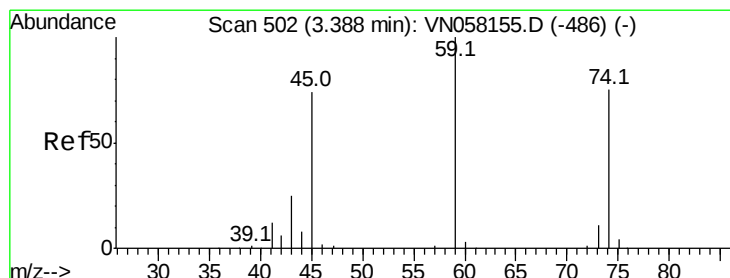
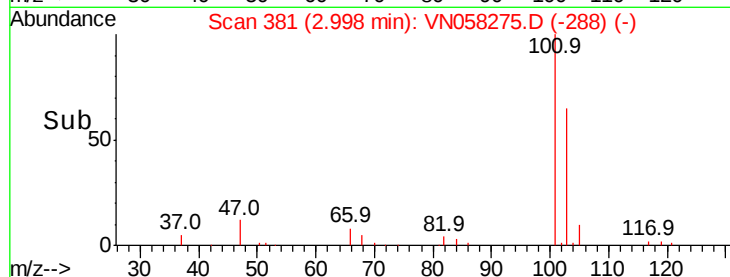
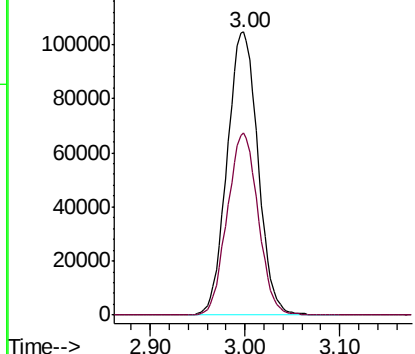
Trichlorofluoromethane
Concen: 44.927 ug/l
RT: 3.00 min Scan# 381
Delta R.T. 0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

Instrument :
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ClientSampleId :
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Tot Ion:101 Resp: 236864
Ion Ratio Lower Upper
101 100
103 64.6 51.0 76.6



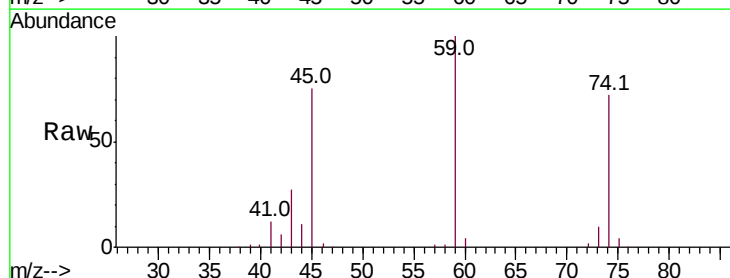
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



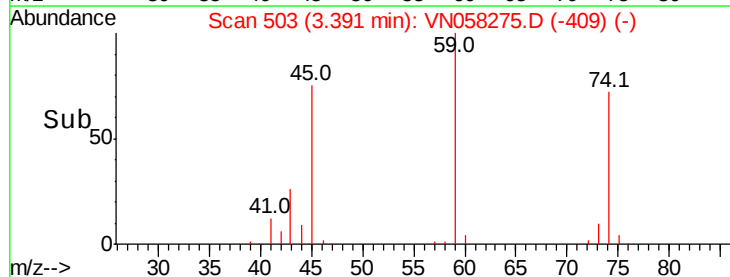
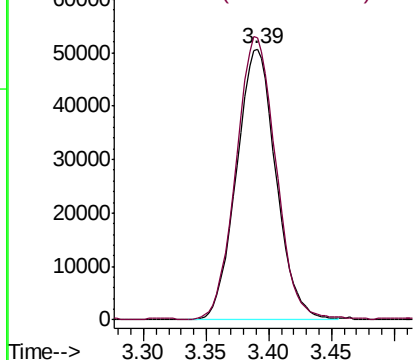
#8

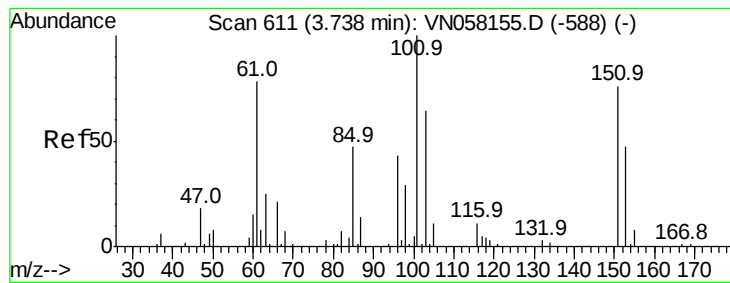
Diethyl Ether
Concen: 46.003 ug/l
RT: 3.39 min Scan# 503
Delta R.T. 0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

Tgt Ion: 74 Resp: 111131
Ion Ratio Lower Upper
74 100
45 106.1 48.5 145.5



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.506 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN058275.D

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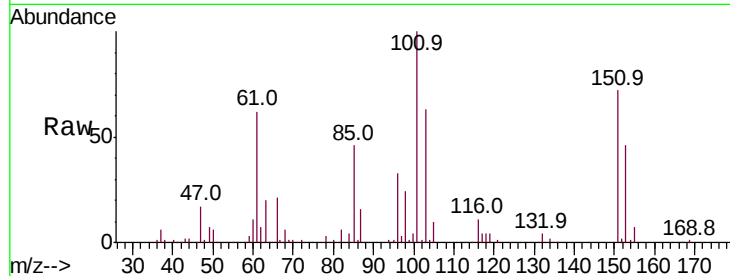
Tot Ion:101 Resp: 180583

Ion Ratio Lower Upper

101 100

85 46.9 37.3 55.9

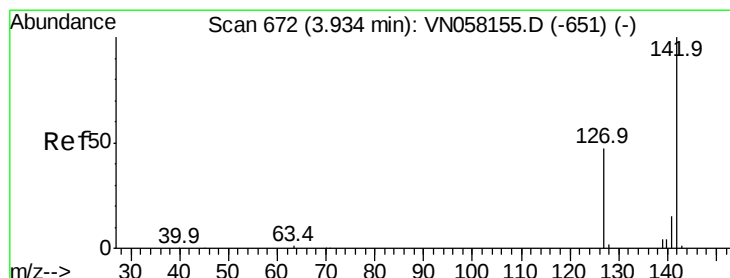
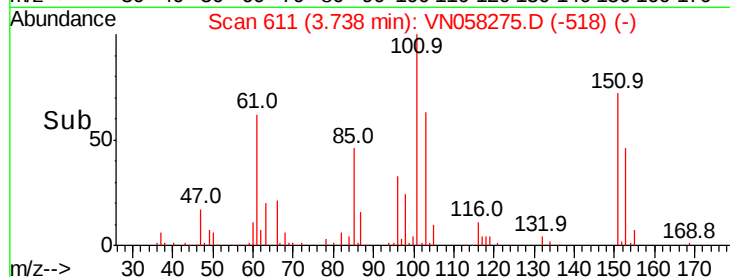
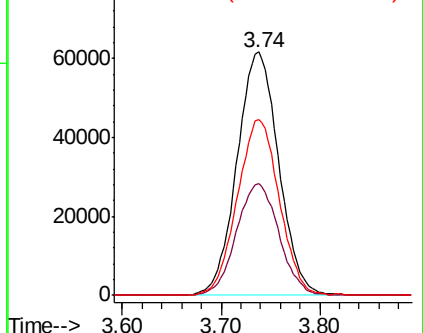
151 72.7 59.6 89.4



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: 46.938 ug/l

RT: 3.93 min Scan# 671

Delta R.T. -0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

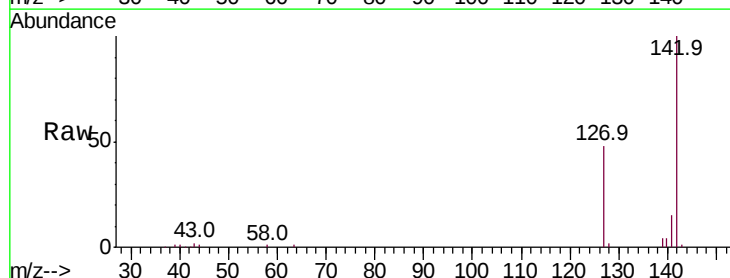
Tgt Ion:142 Resp: 149509

Ion Ratio Lower Upper

142 100

127 47.3 37.5 56.3

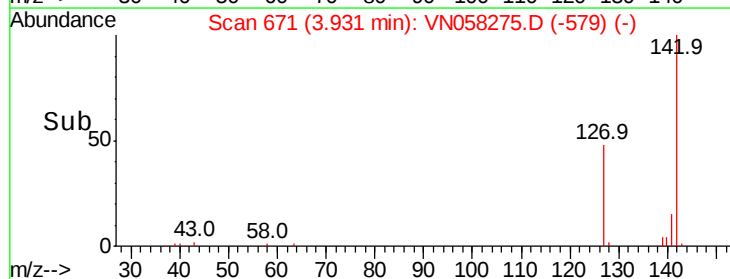
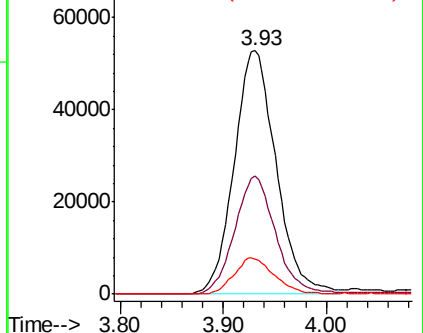
141 14.3 11.4 17.2

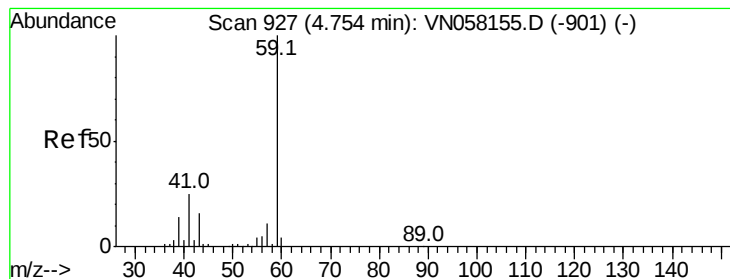


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



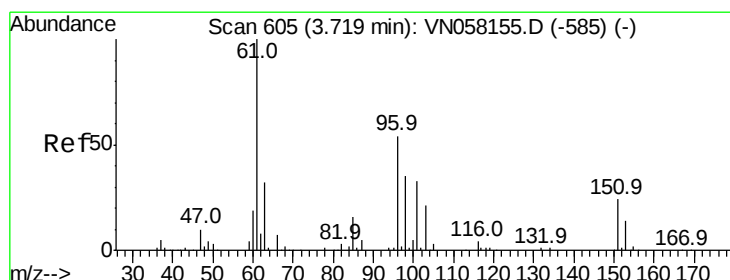
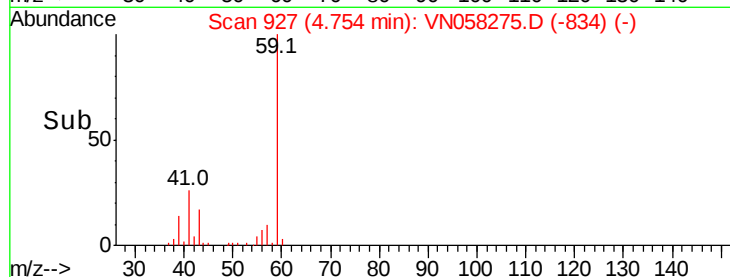
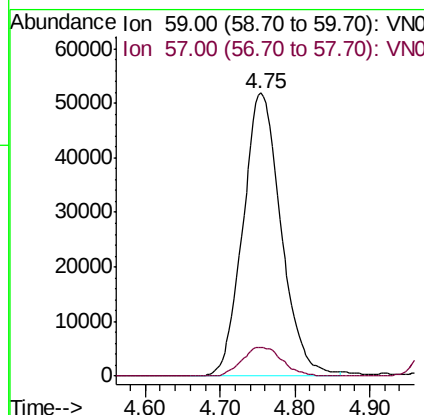
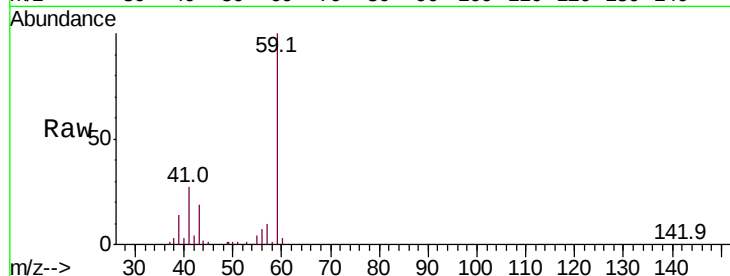


#11

Tert butyl alcohol
 Concen: 236.546 ug/l
 RT: 4.75 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: VN058275.D
 Acq: 23 Sep 2019 8:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

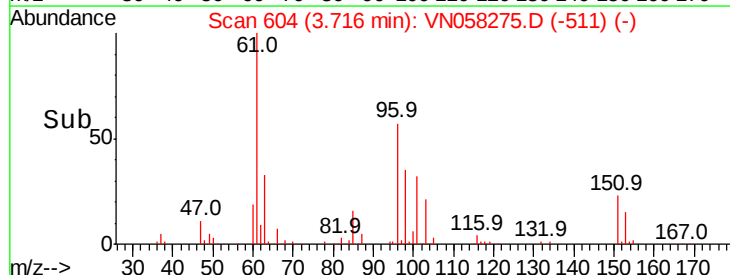
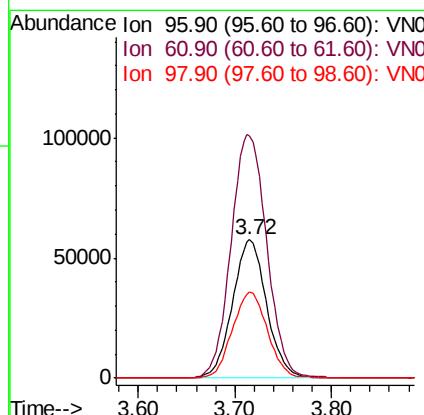
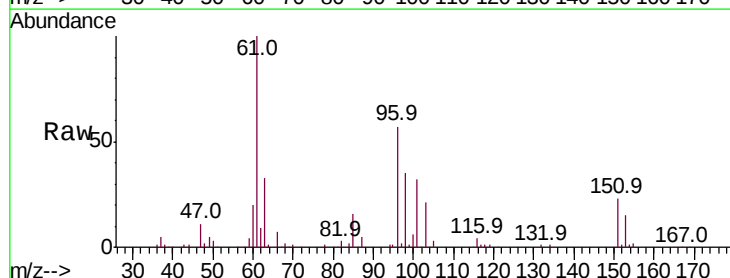
Tot Ion: 59 Resp: 184273
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.6 13.0

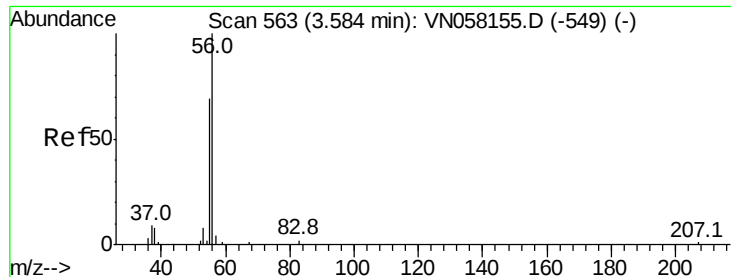


#12

1,1-Dichloroethene
 Concen: 49.170 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN058275.D
 Acq: 23 Sep 2019 8:42

Tgt Ion: 96 Resp: 141859
 Ion Ratio Lower Upper
 96 100
 61 175.3 149.5 224.3
 98 62.0 52.4 78.6





#13

Acrolein

Concen: 322.502 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

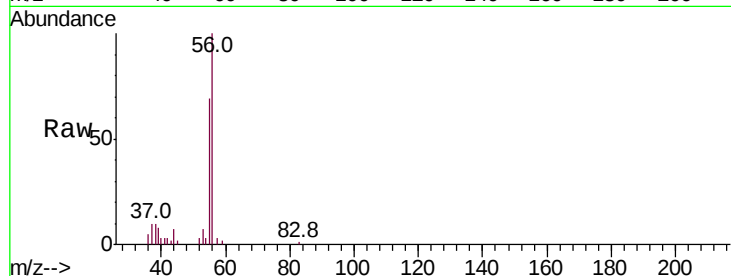
VSTDCCC050

Tot Ion: 56 Resp: 37232

Ion Ratio Lower Upper

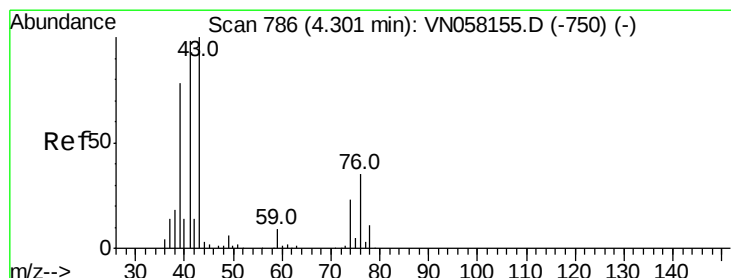
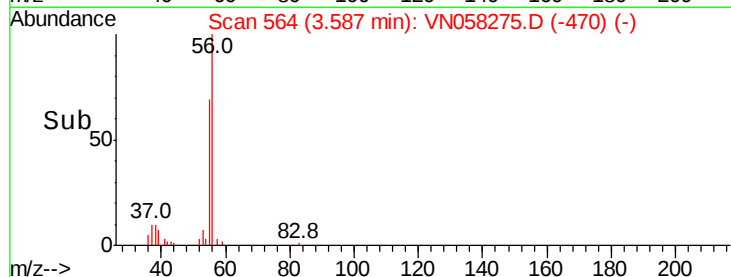
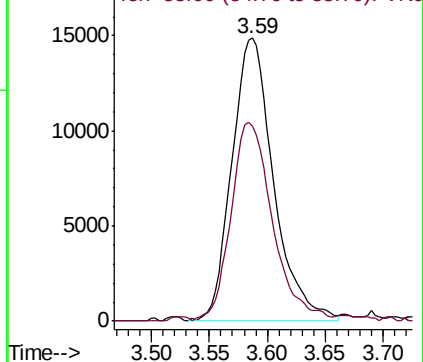
56 100

55 70.1 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 44.209 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

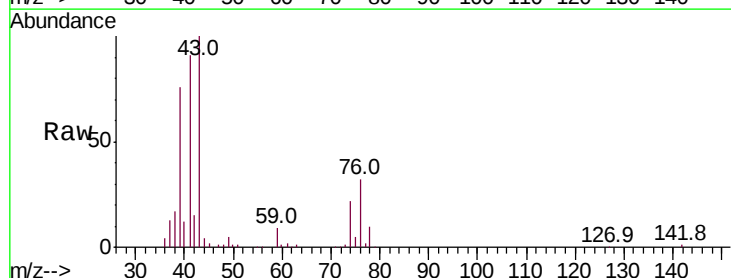
Tgt Ion: 41 Resp: 274984

Ion Ratio Lower Upper

41 100

39 82.4 59.1 88.7

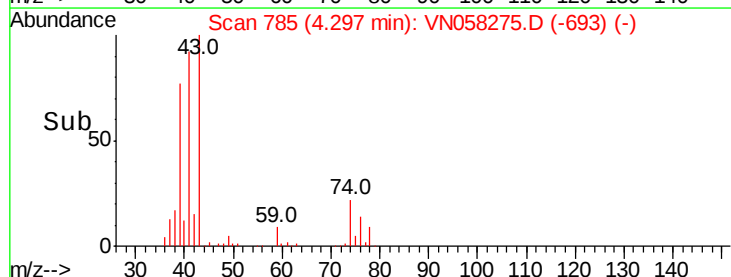
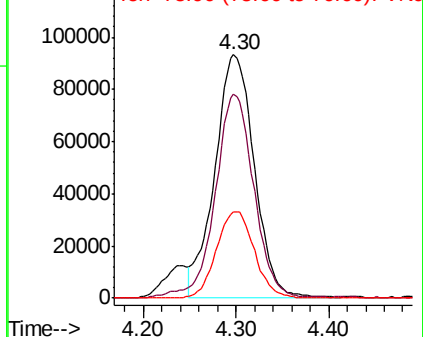
76 34.2 25.1 37.7

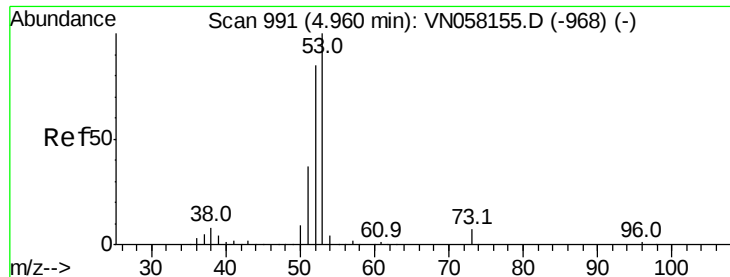


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 261.050 ug/l

RT: 4.96 min Scan# 990

Delta R.T. -0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

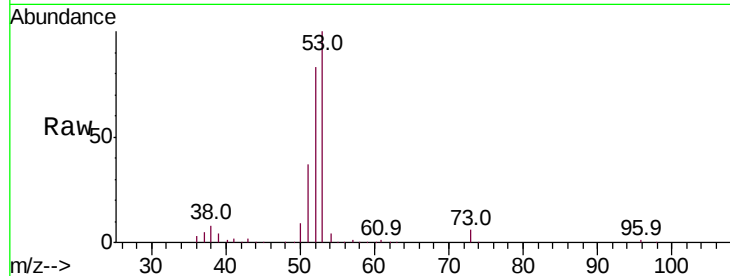
Tot Ion: 53 Resp: 541815

Ion Ratio Lower Upper

53 100

52 83.1 66.6 100.0

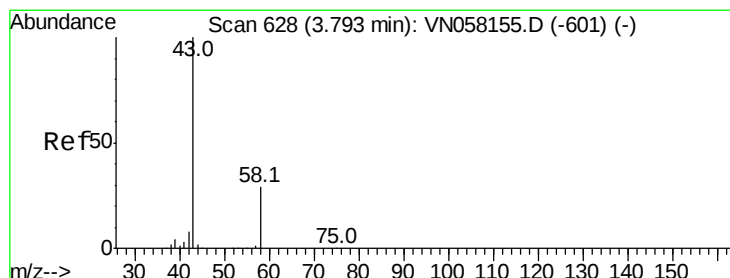
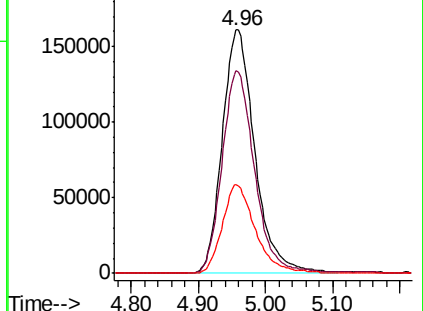
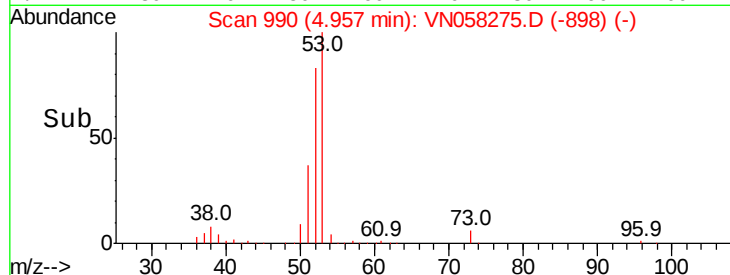
51 37.2 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 294.684 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN058275.D

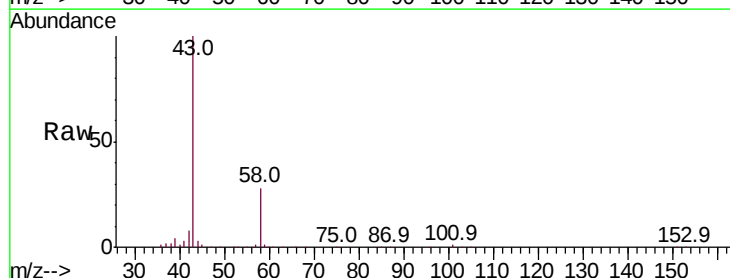
Acq: 23 Sep 2019 8:42

Tgt Ion: 43 Resp: 655079

Ion Ratio Lower Upper

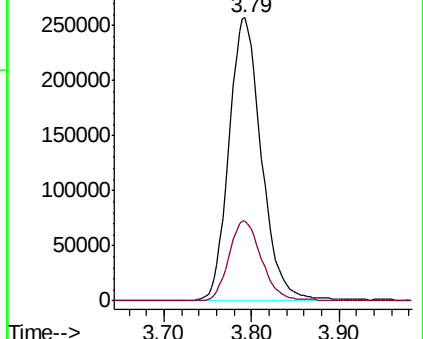
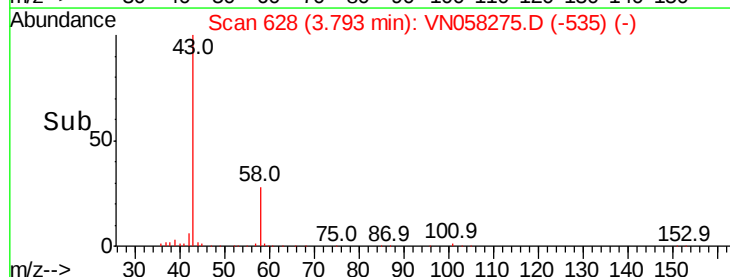
43 100

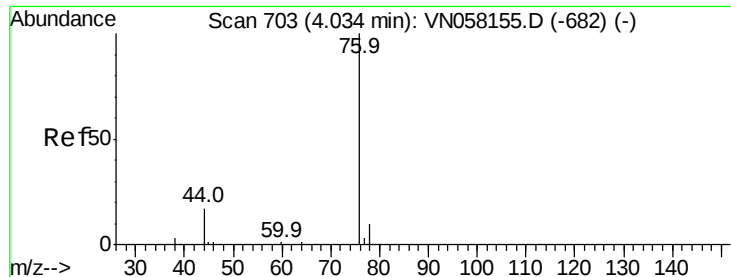
58 28.1 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

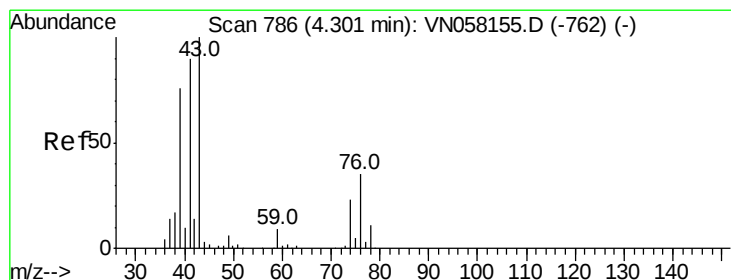
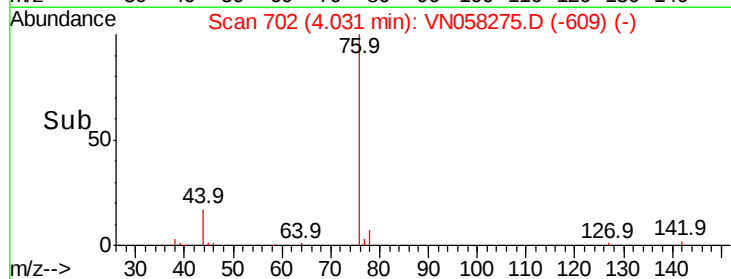
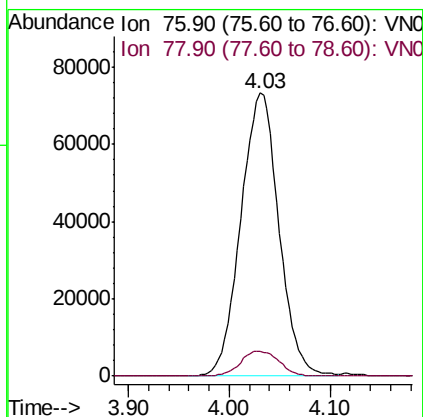
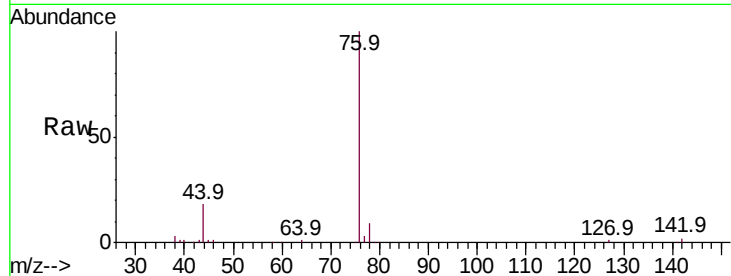




#17
Carbon Disulfide
Concen: 47.259 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

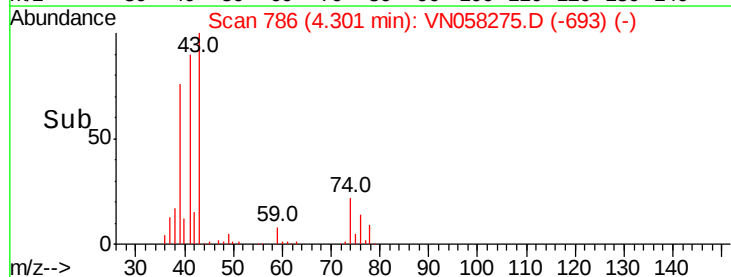
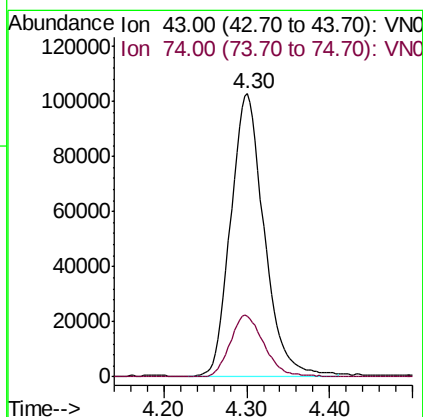
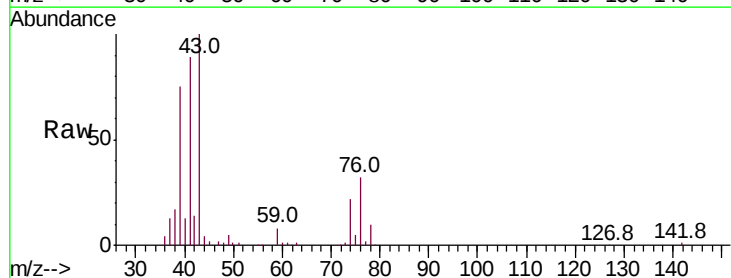
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

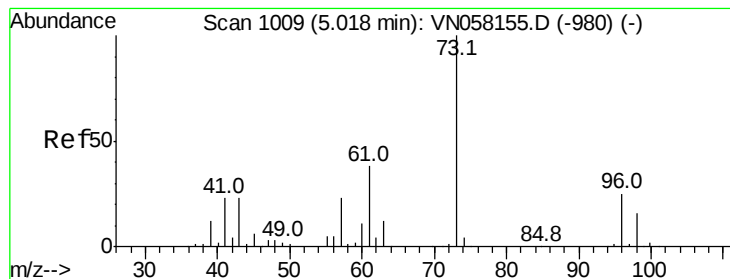
Tot Ion: 76 Resp: 191834
Ion Ratio Lower Upper
76 100
78 8.8 7.7 11.5



#18
Methyl Acetate
Concen: 49.130 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

Tgt Ion: 43 Resp: 287383
Ion Ratio Lower Upper
43 100
74 22.2 18.0 27.0



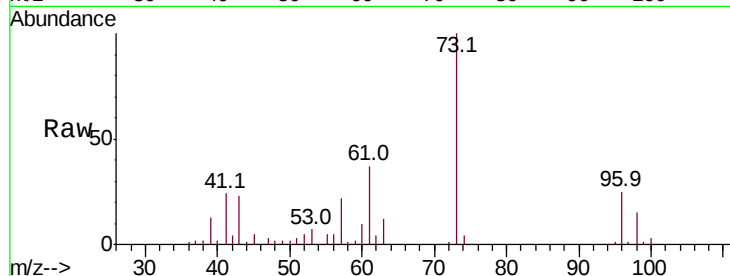


#19

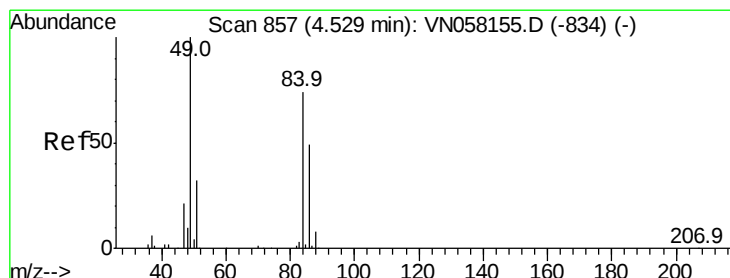
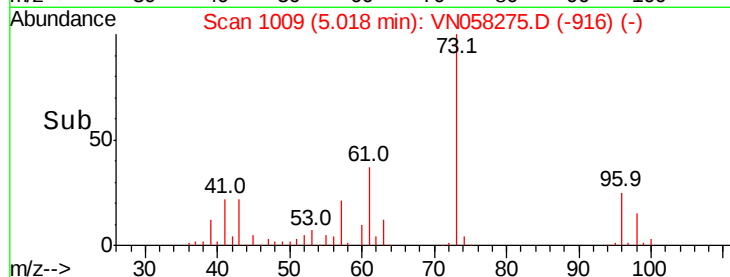
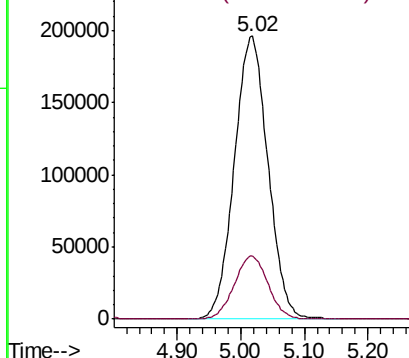
Methyl tert-butyl Ether
 Concen: 50.269 ug/l
 RT: 5.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: VN058275.D
 Acq: 23 Sep 2019 8:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 73 Resp: 720711
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.1 27.1



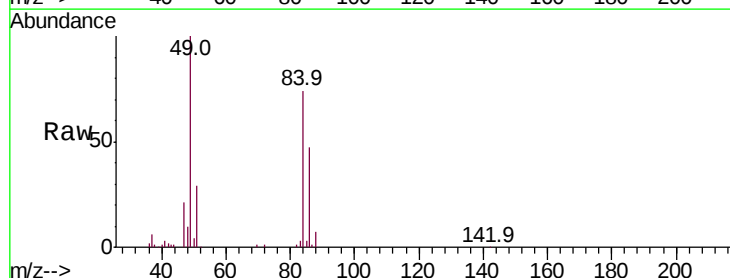
Abundance Ion 73.00 (72.70 to 73.70): VNC
 Ion 57.00 (56.70 to 57.70): VNC



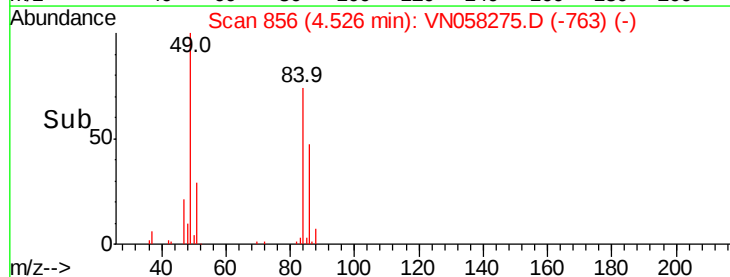
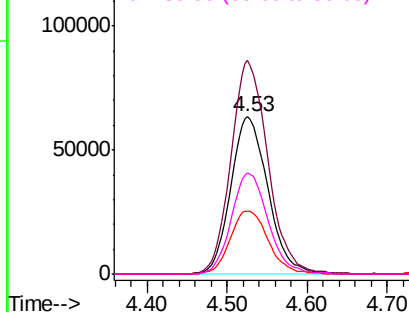
#20

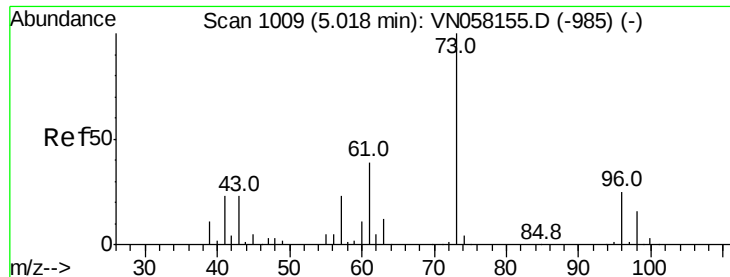
Methylene Chloride
 Concen: 51.457 ug/l
 RT: 4.53 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VN058275.D
 Acq: 23 Sep 2019 8:42

Tgt Ion: 84 Resp: 200247
 Ion Ratio Lower Upper
 84 100
 49 135.9 107.5 161.3
 51 40.0 33.9 50.9
 86 64.1 52.4 78.6



Abundance Ion 83.90 (83.60 to 84.60): VNC
 Ion 48.90 (48.60 to 49.60): VNC
 Ion 50.90 (50.60 to 51.60): VNC
 Ion 85.90 (85.60 to 86.60): VNC





#21

trans-1,2-Dichloroethene

Concen: 49.176 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

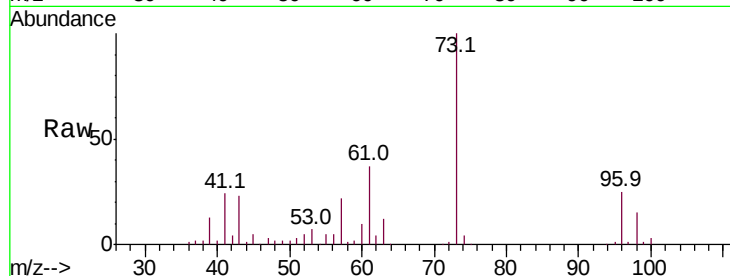
Tot Ion: 96 Resp: 154603

Ion Ratio Lower Upper

96 100

61 149.6 122.2 183.4

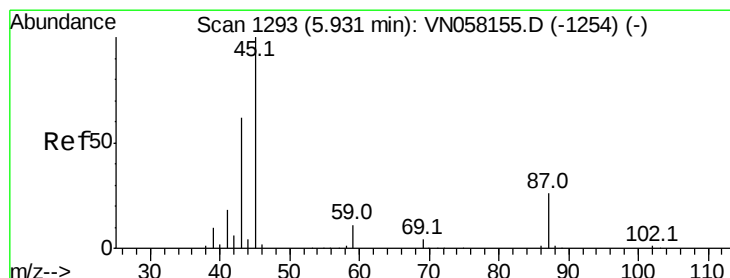
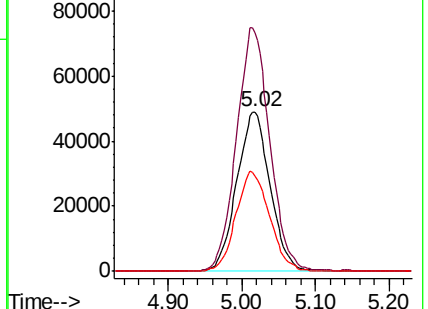
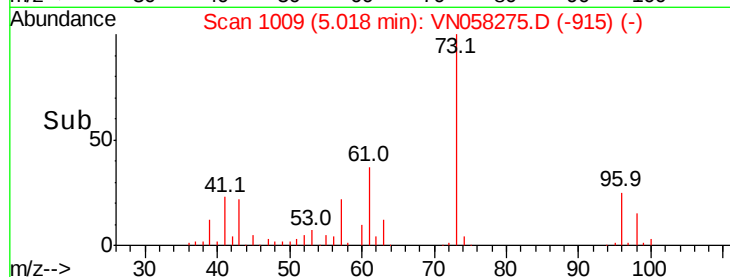
98 59.9 49.9 74.9



Abundance Ion 95.90 (95.60 to 96.60): VN058155.D (-985) (-)

Ion 60.90 (60.60 to 61.60): VN058155.D (-985) (-)

Ion 97.90 (97.60 to 98.60): VN058155.D (-985) (-)



#22

Diisopropyl ether

Concen: 51.367 ug/l

RT: 5.93 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Tgt Ion: 45 Resp: 811609

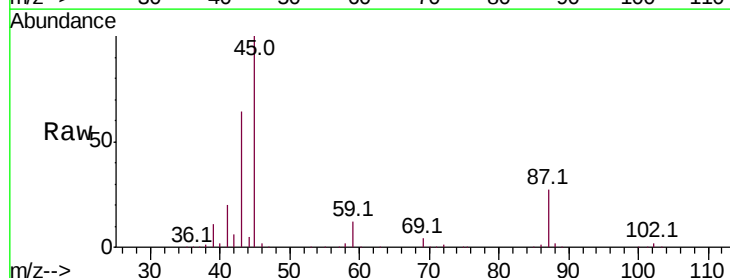
Ion Ratio Lower Upper

45 100

43 62.5 49.7 74.5

87 26.8 20.7 31.1

59 11.9 9.1 13.7

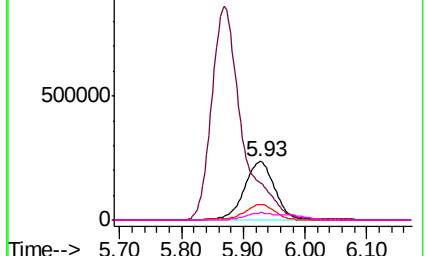
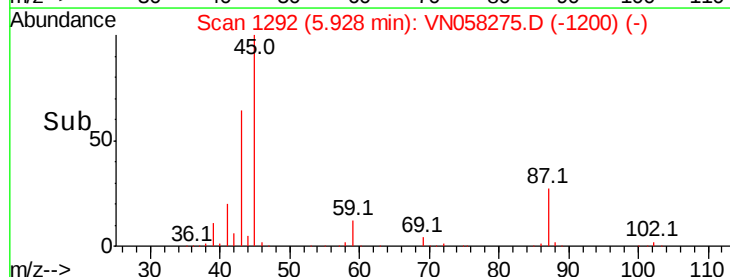


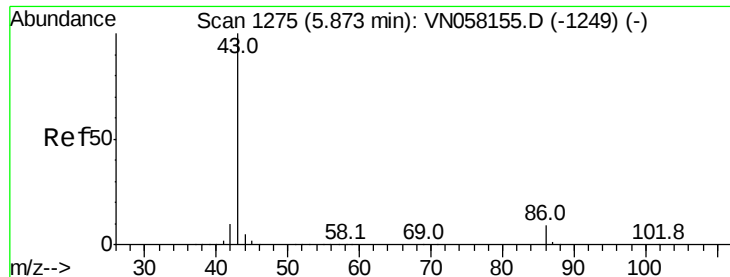
Abundance Ion 45.00 (44.70 to 45.70): VN058155.D (-1254) (-)

Ion 43.00 (42.70 to 43.70): VN058155.D (-1254) (-)

Ion 87.00 (86.70 to 87.70): VN058155.D (-1254) (-)

Ion 59.00 (58.70 to 59.70): VN058155.D (-1254) (-)

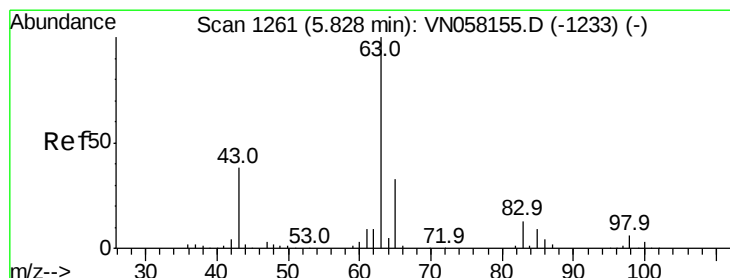
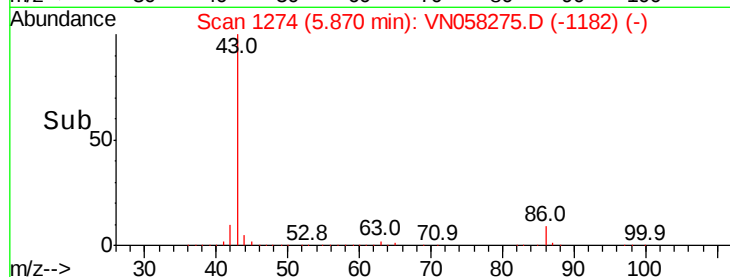
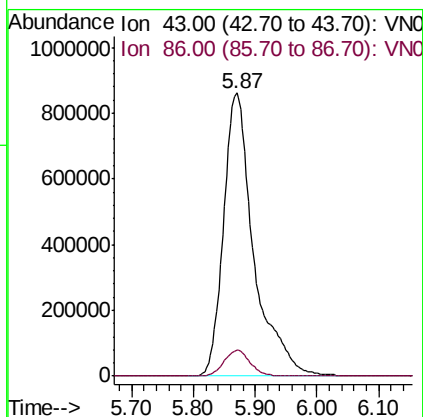
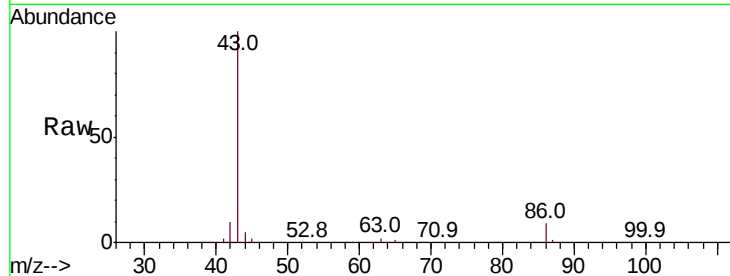




#23
 Vinyl Acetate
 Concen: 271.001 ug/l
 RT: 5.87 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: VN058275.D
 Acq: 23 Sep 2019 8:42

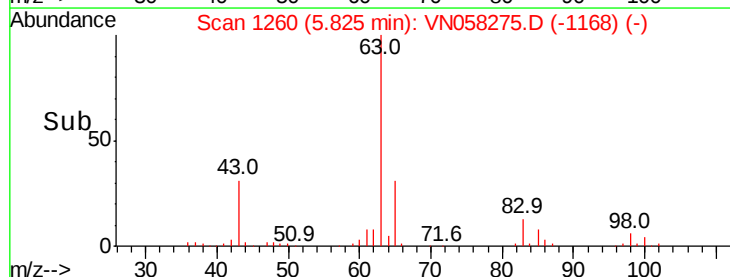
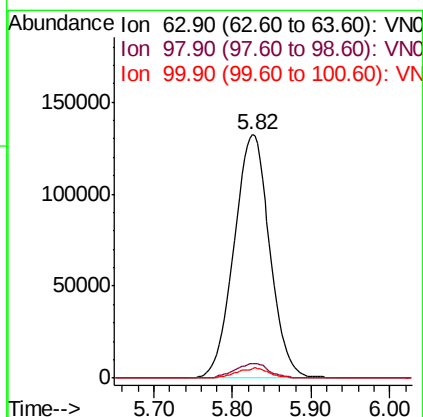
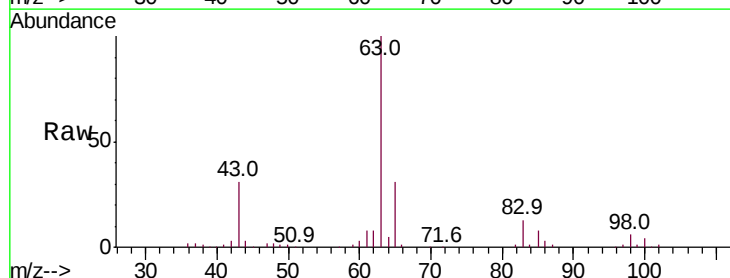
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

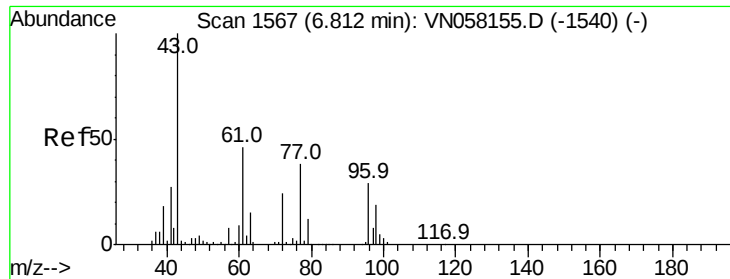
Tot Ion: 43 Resp: 2929910
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.4 11.2



#24
 1,1-Dichloroethane
 Concen: 49.770 ug/l
 RT: 5.82 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VN058275.D
 Acq: 23 Sep 2019 8:42

Tgt Ion: 63 Resp: 419704
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.6
 100 4.0 1.8 5.3





#25

2-Butanone

Concen: 279.944 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

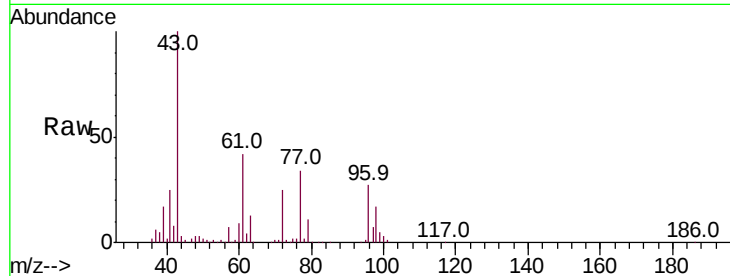
VSTDCCC050

Tot Ion: 43 Resp: 847826

Ion Ratio Lower Upper

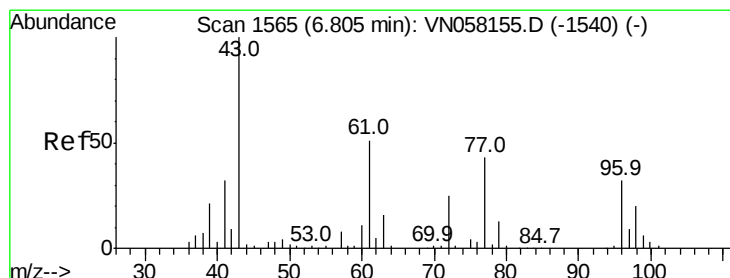
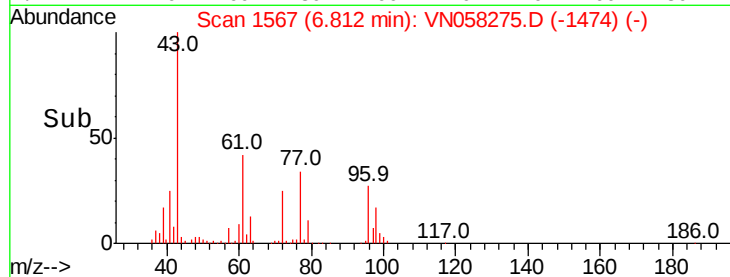
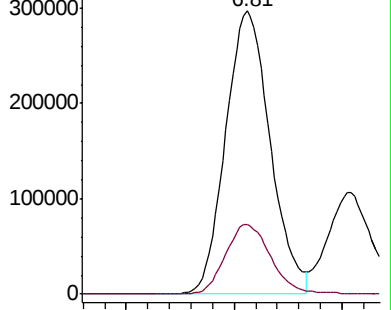
43 100

72 24.8 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 49.821 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN058275.D

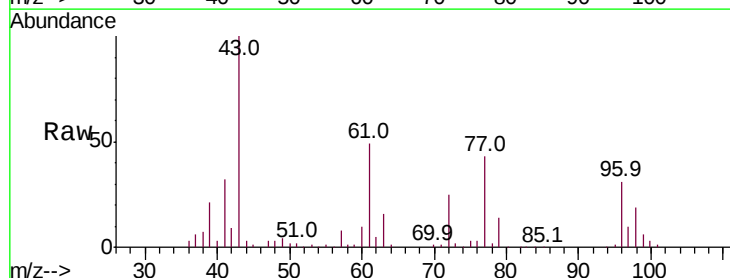
Acq: 23 Sep 2019 8:42

Tgt Ion: 77 Resp: 356431

Ion Ratio Lower Upper

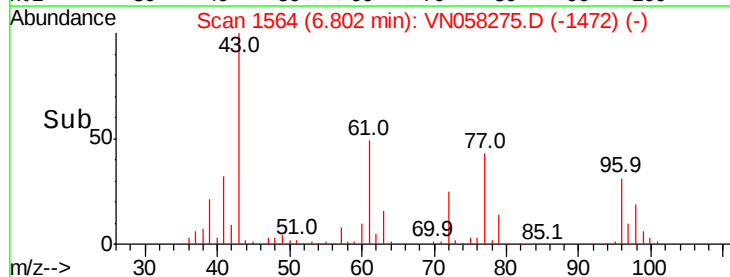
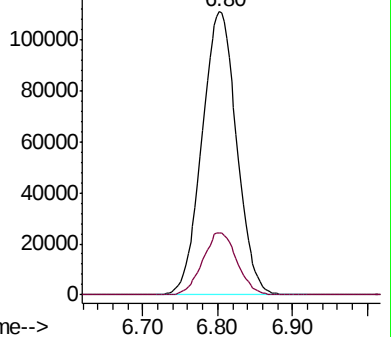
77 100

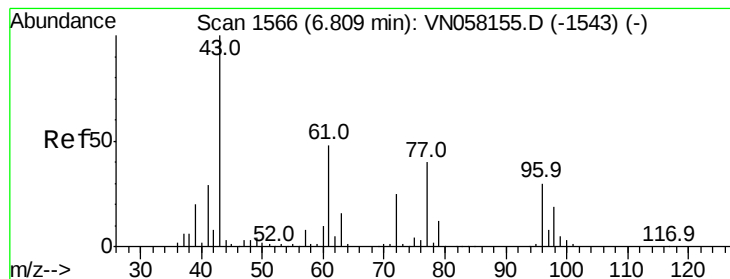
97 21.8 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 48.962 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

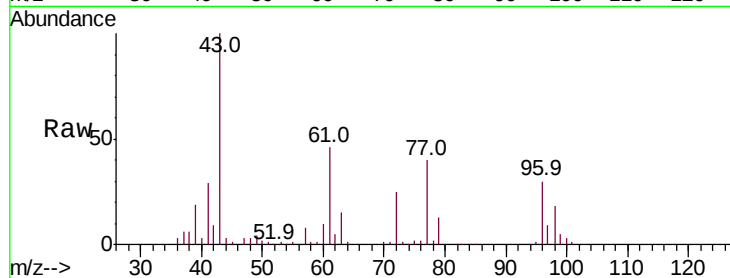
Tot Ion: 96 Resp: 233464

Ion Ratio Lower Upper

96 100

61 161.5 0.0 319.0

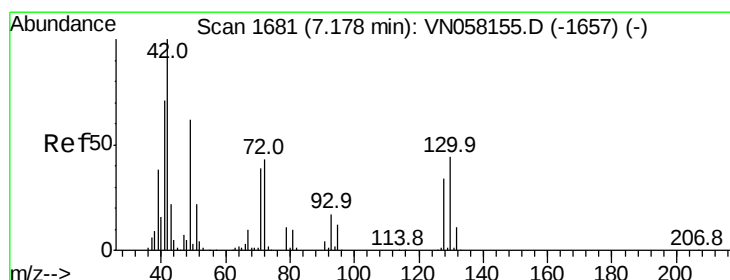
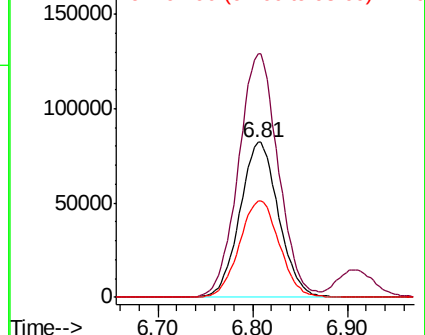
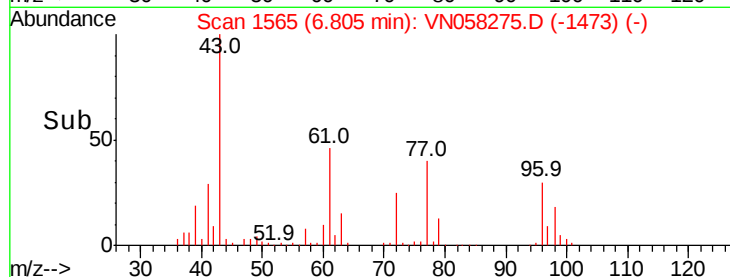
98 64.3 0.0 126.6



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: 53.873 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

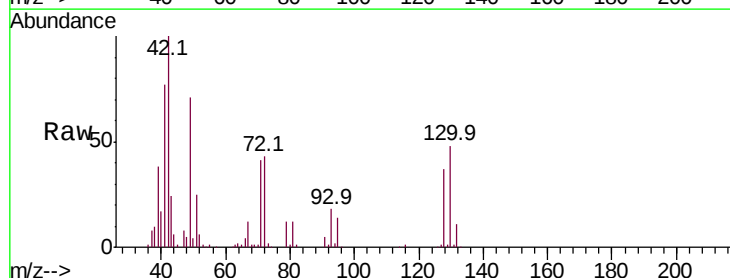
Tgt Ion: 49 Resp: 214916

Ion Ratio Lower Upper

49 100

129 1.7 0.0 1.8

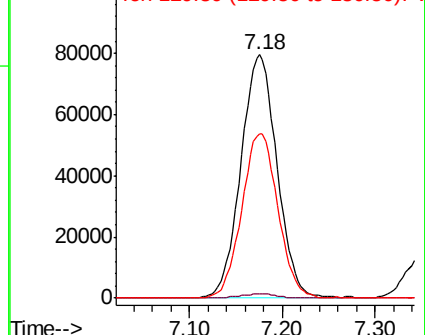
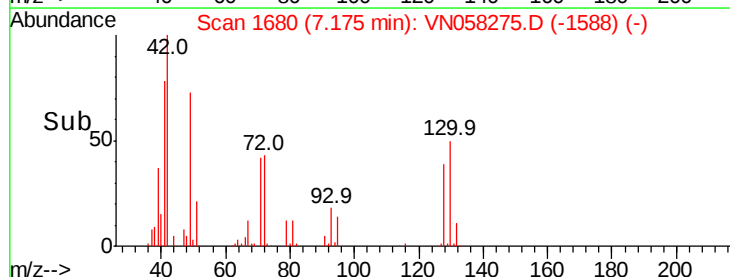
130 67.7 55.4 83.2

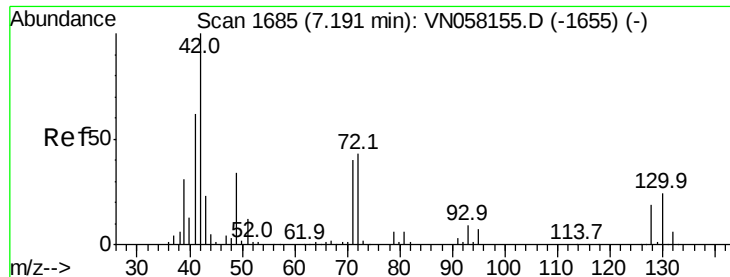


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

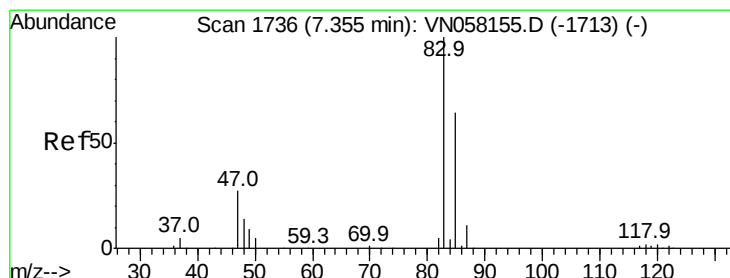
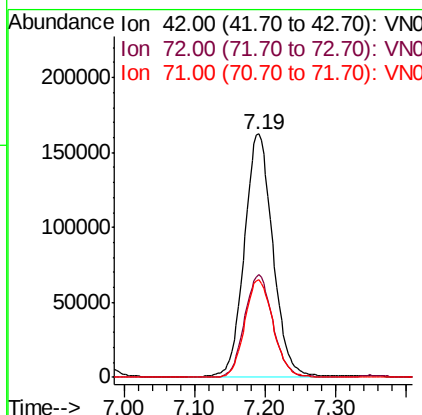
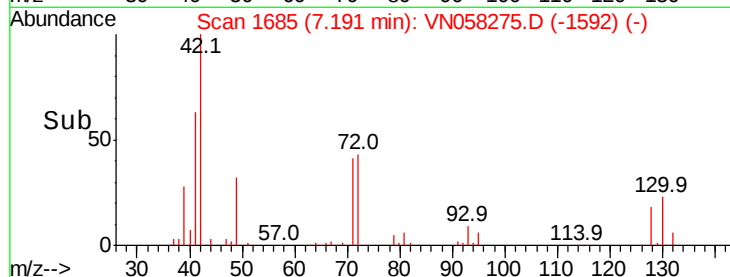
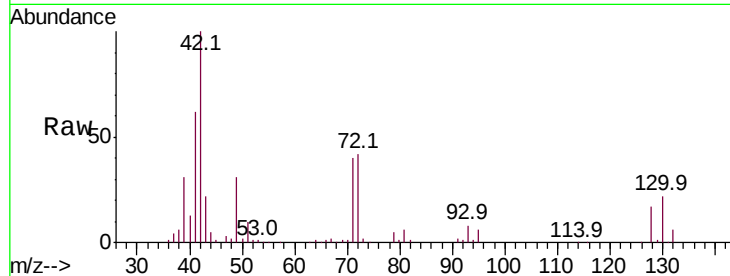




#29
Tetrahydrofuran
Concen: 245.919 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

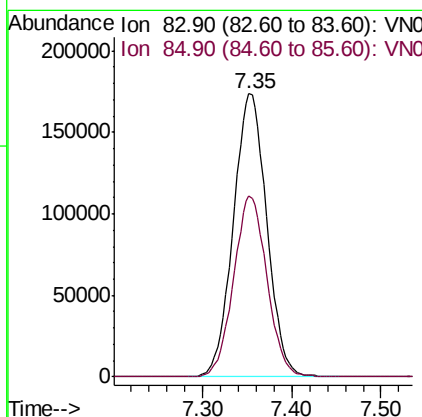
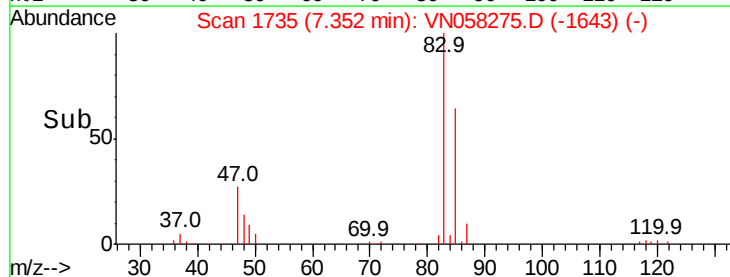
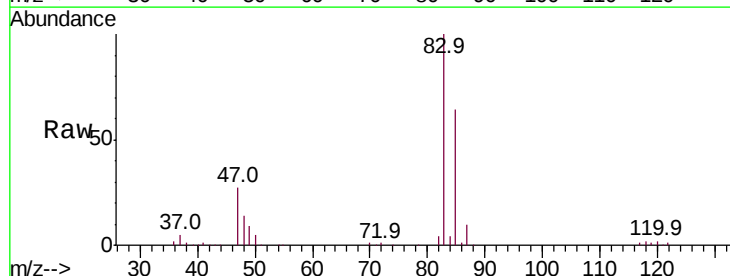
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

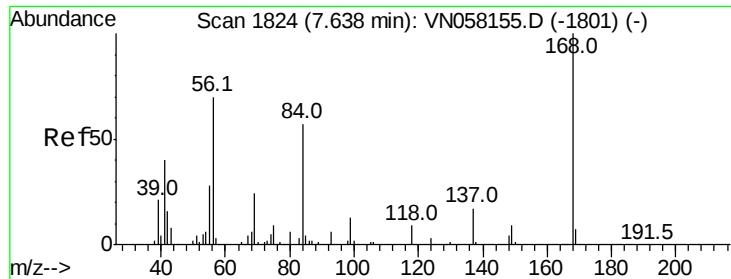
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	33.8	50.6
71	39.8	31.4	47.0



#30
Chloroform
Concen: 49.862 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. -0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.4	77.2

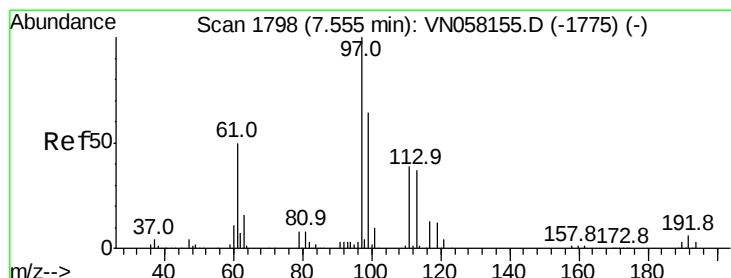
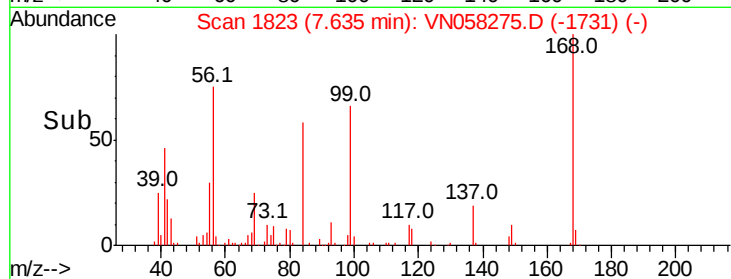
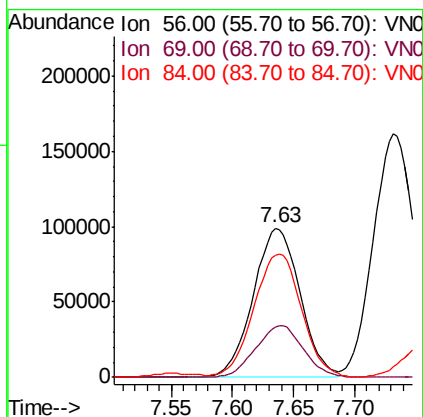
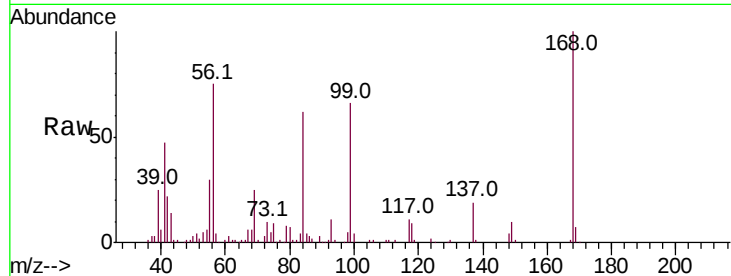




#31
Cyclohexane
Concen: 48.475 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

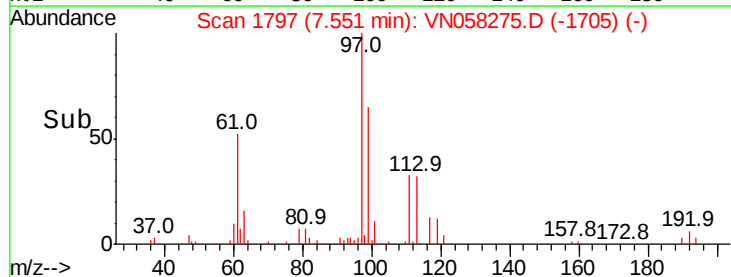
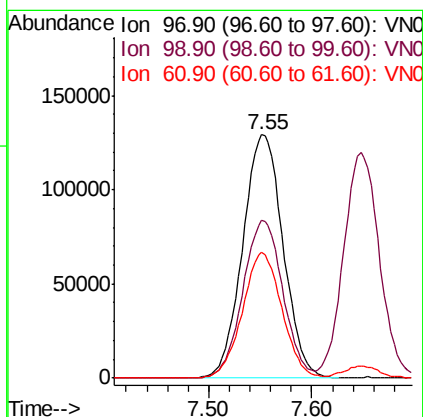
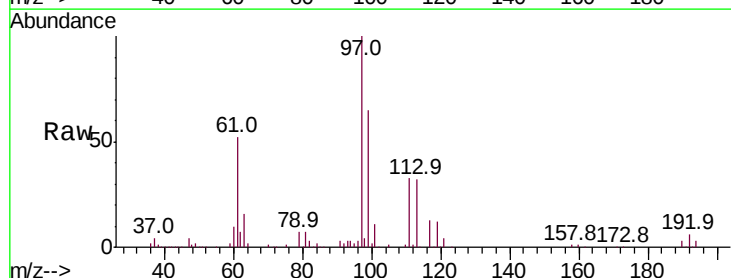
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

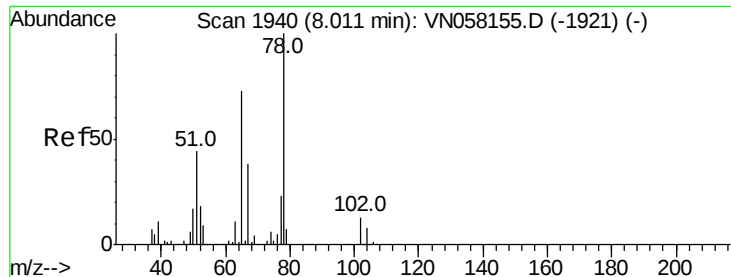
Tot Ion: 56 Resp: 264642
Ion Ratio Lower Upper
56 100
69 33.3 27.3 40.9
84 80.0 65.0 97.4



#32
1,1,1-Trichloroethane
Concen: 50.831 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

Tgt Ion: 97 Resp: 351258
Ion Ratio Lower Upper
97 100
99 64.2 50.9 76.3
61 50.4 39.2 58.8





#33

1,2-Dichloroethane-d4

Concen: 52.094 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

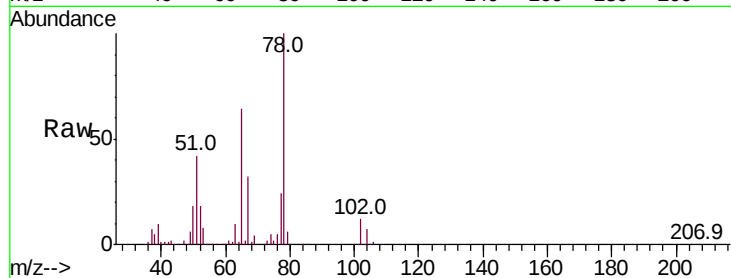
VSTDCCC050

Tot Ion: 65 Resp: 341162

Ion Ratio Lower Upper

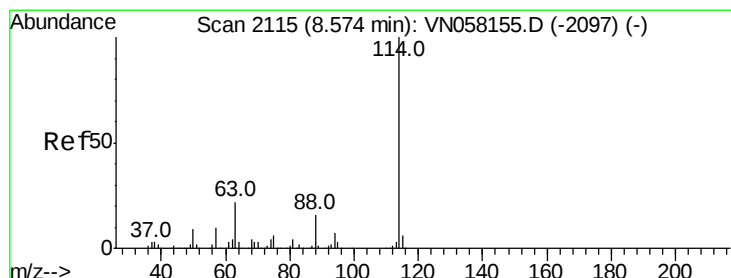
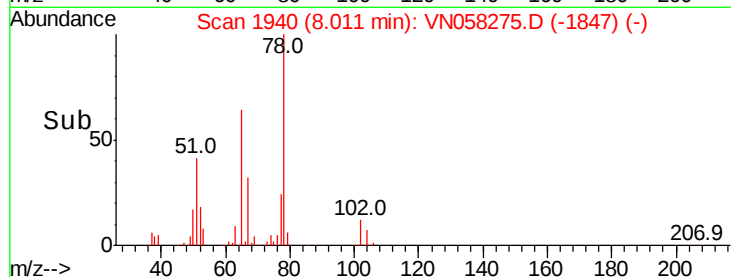
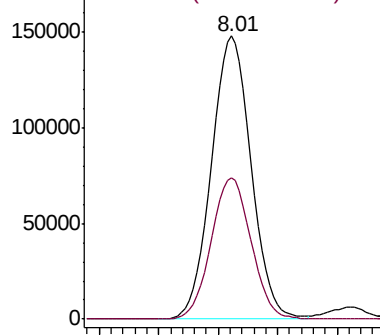
65 100

67 50.4 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

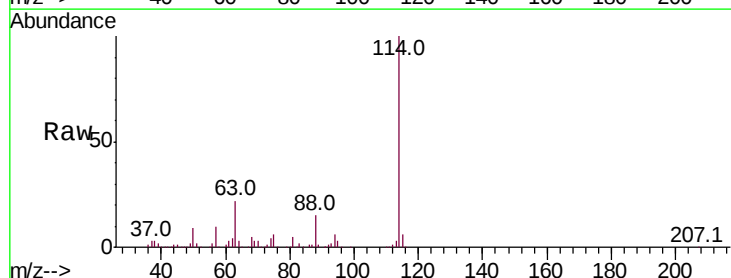
Tgt Ion: 114 Resp: 793108

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.2

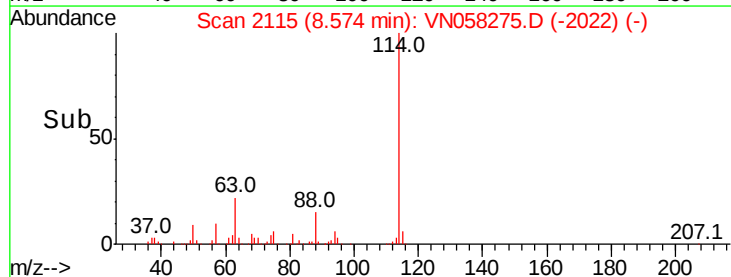
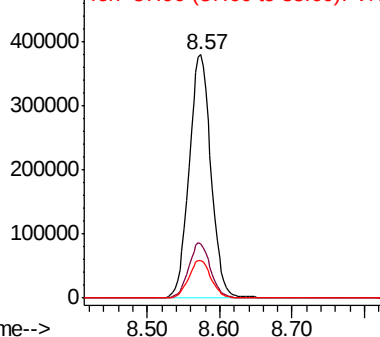
88 15.4 0.0 31.6

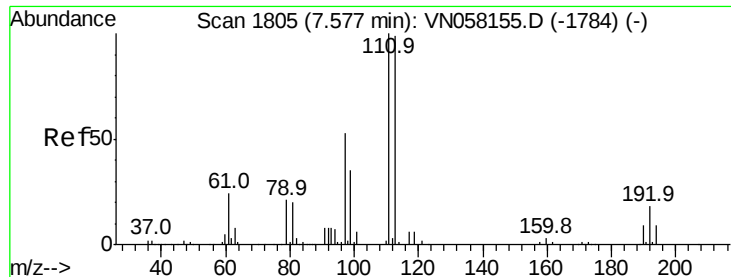


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

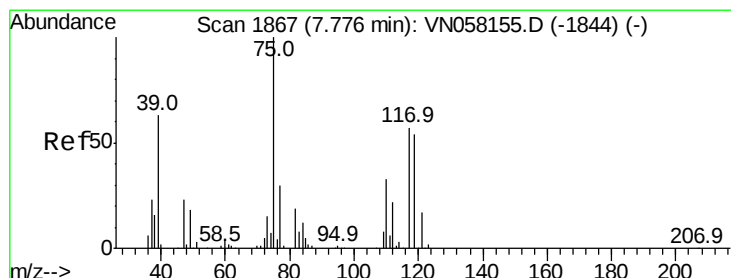
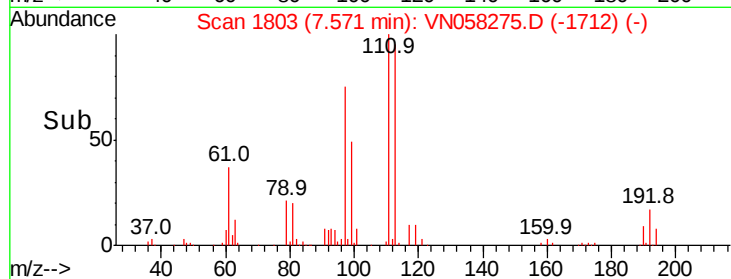
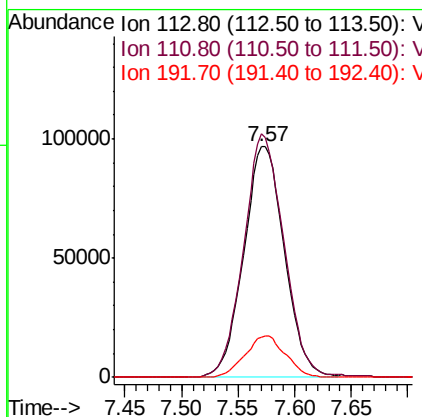
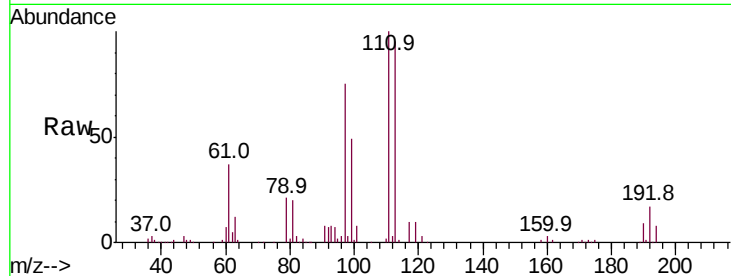




#35
Dibromofluoromethane
Concen: 50.327 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

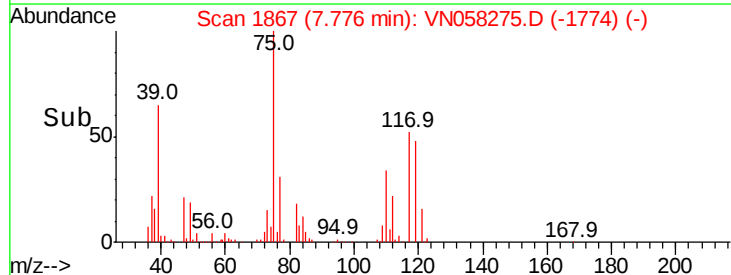
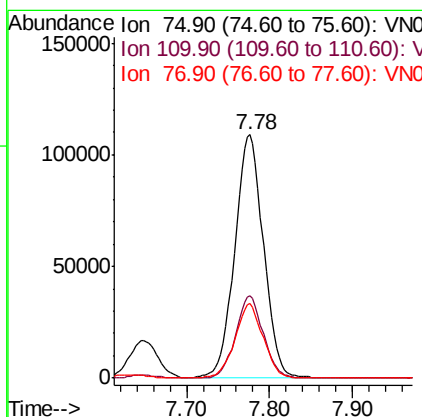
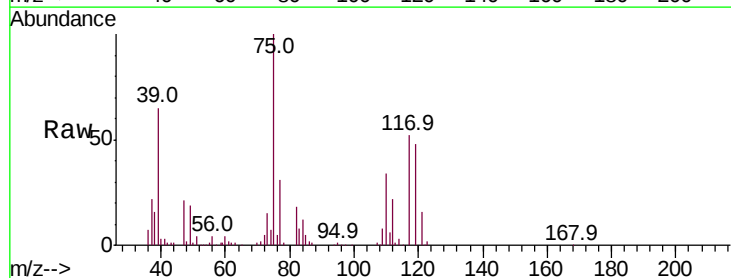
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

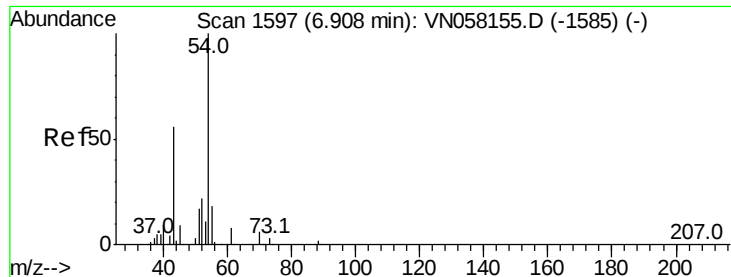
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.8	122.6
192	17.9	14.5	21.7



#36
1,1-Dichloropropene
Concen: 45.554 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.9	16.6	49.7
77	30.4	24.3	36.5





#37

Ethyl Acetate

Concen: 50.707 ug/l

RT: 6.91 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

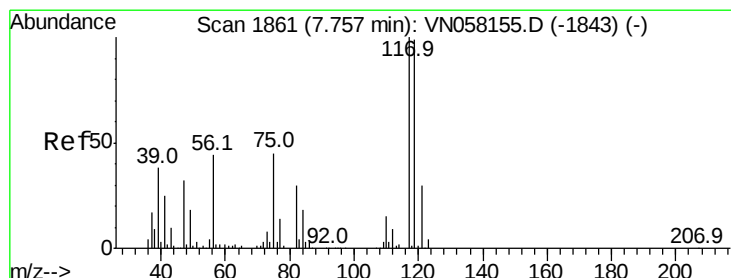
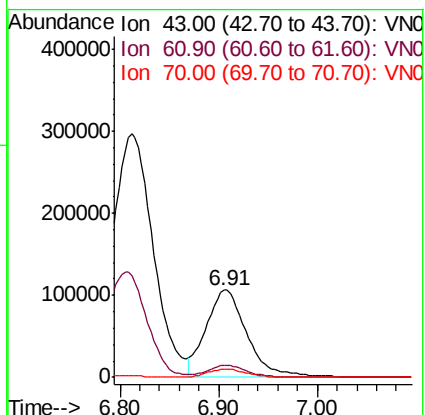
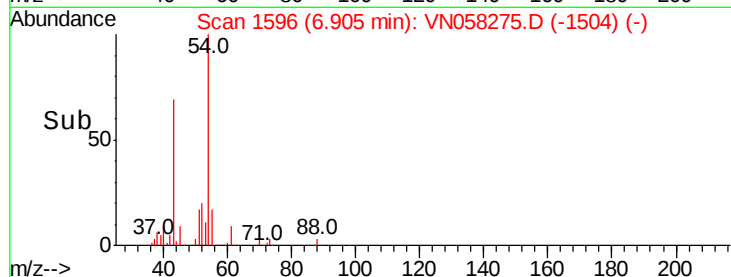
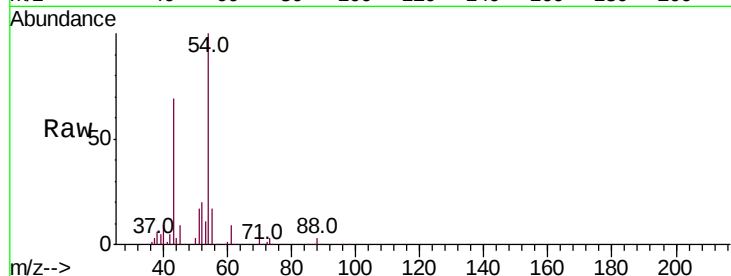
Tot Ion: 43 Resp: 300976

Ion Ratio Lower Upper

43 100

61 13.2 10.7 16.1

70 9.4 7.6 11.4



#38

Carbon Tetrachloride

Concen: 49.185 ug/l

RT: 7.76 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

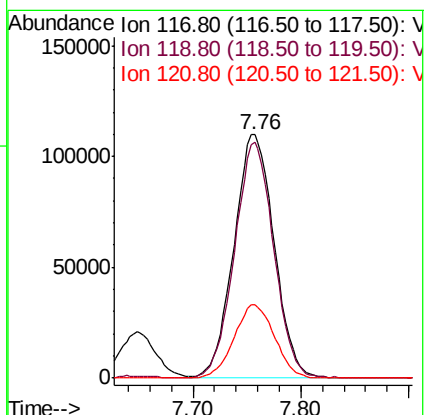
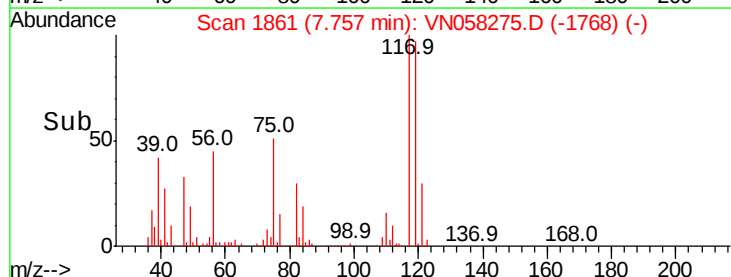
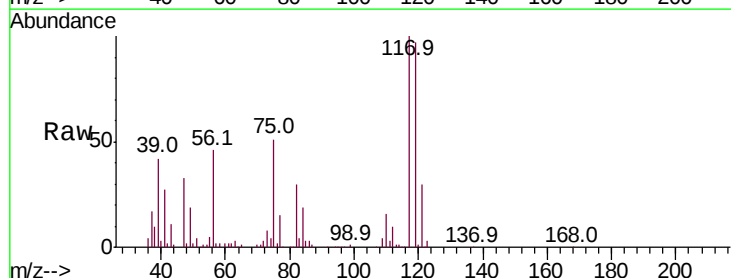
Tgt Ion: 117 Resp: 282782

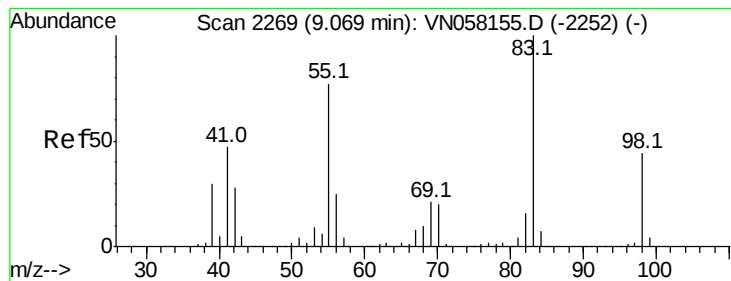
Ion Ratio Lower Upper

117 100

119 97.0 78.6 117.8

121 30.3 24.1 36.1





#39

Methvlcvclohexane

Concen: 47.329 ug/l

RT: 9.07 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

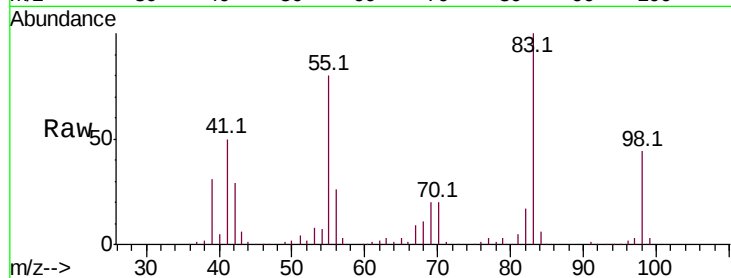
Tot Ion: 83 Resp: 261706

Ion Ratio Lower Upper

83 100

55 79.6 61.9 92.9

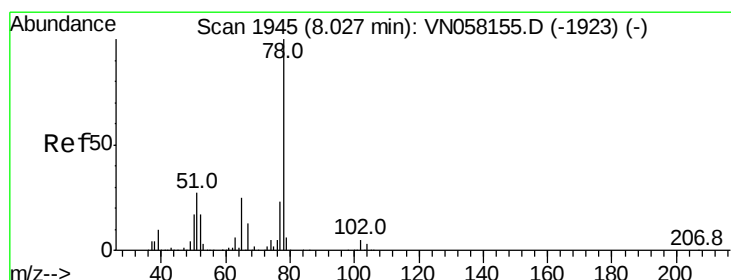
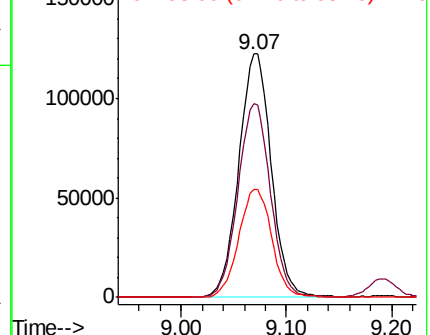
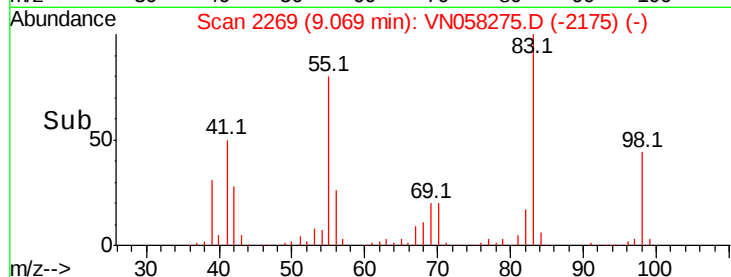
98 44.5 35.4 53.2



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 48.207 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN058275.D

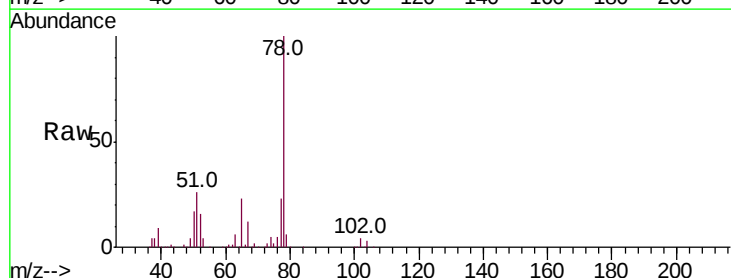
Acq: 23 Sep 2019 8:42

Tgt Ion: 78 Resp: 842149

Ion Ratio Lower Upper

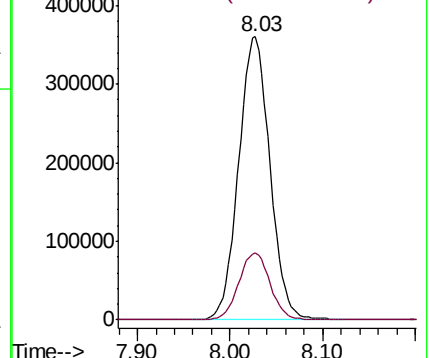
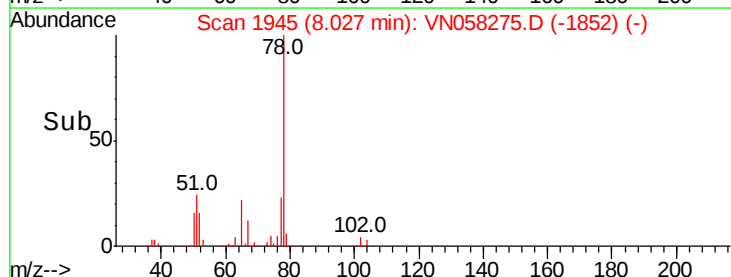
78 100

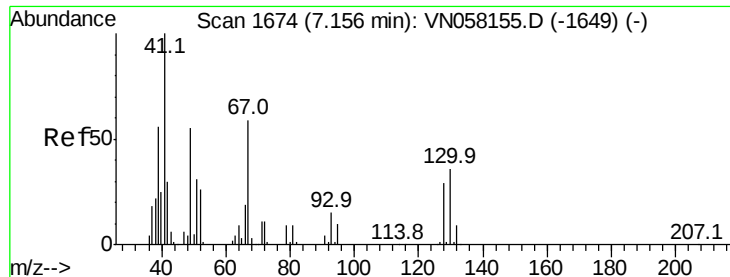
77 23.5 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

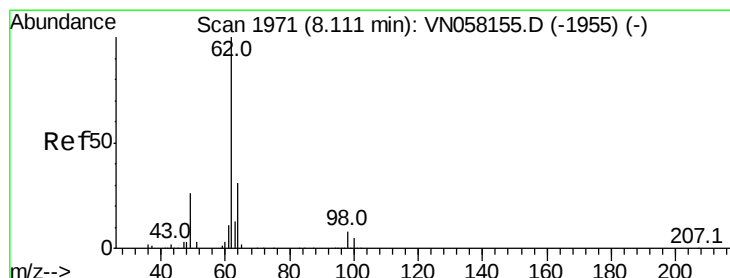
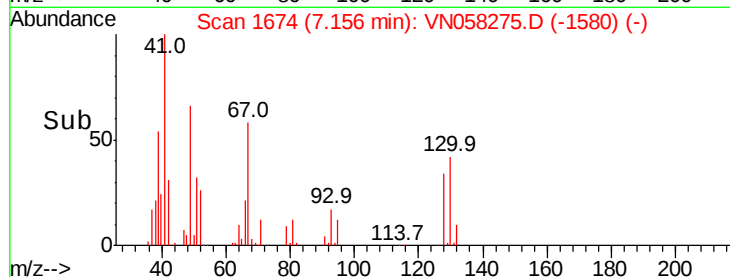
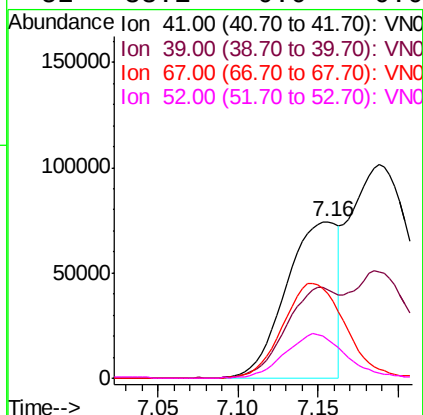
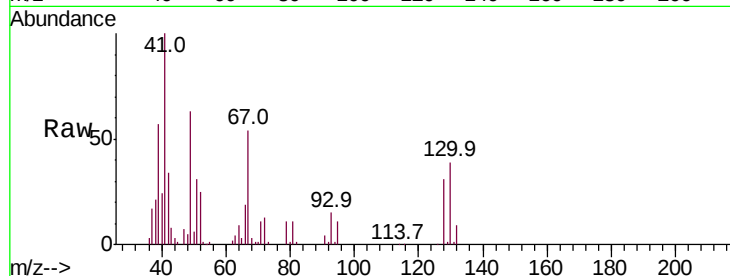




#41
Methacrylonitrile
Concen: 55.980 ug/l
RT: 7.16 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

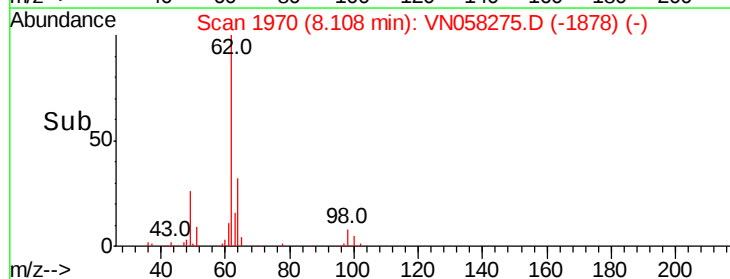
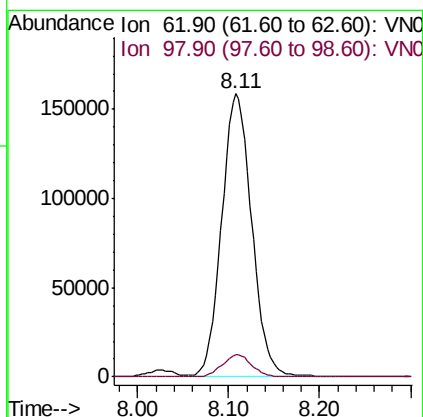
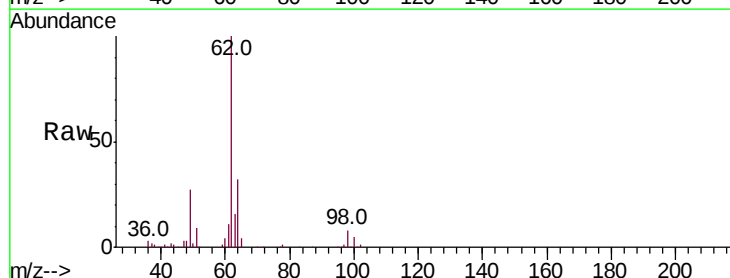
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

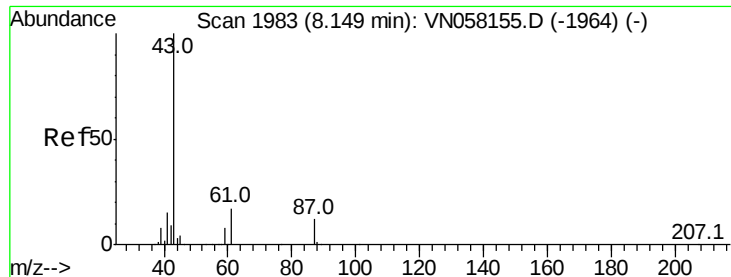
Tot Ion: 41 Resp: 167723
Ion Ratio Lower Upper
41 100
39 60.5 0.0 0.0#
67 74.0 0.0 0.0#
52 33.1 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 49.452 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

Tgt Ion: 62 Resp: 362496
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.6





#43

Isopropyl Acetate

Concen: 48.329 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

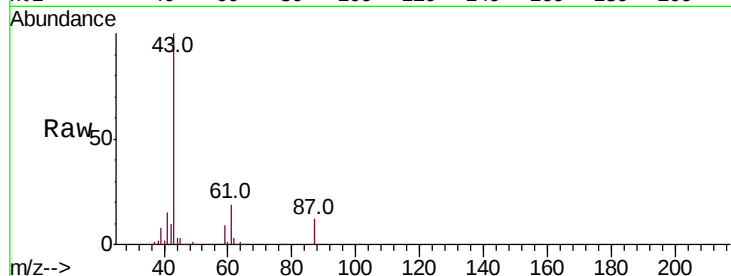
Tot Ion: 43 Resp: 535744

Ion Ratio Lower Upper

43 100

61 18.9 19.7 29.5#

87 12.1 9.4 14.2

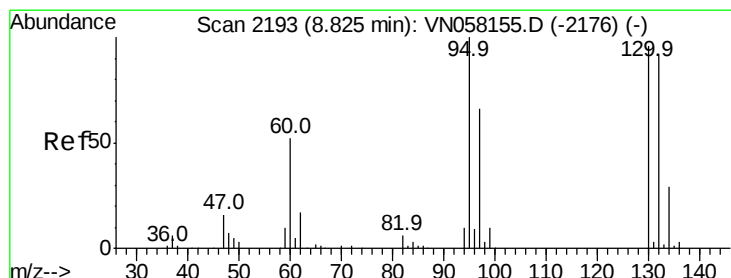
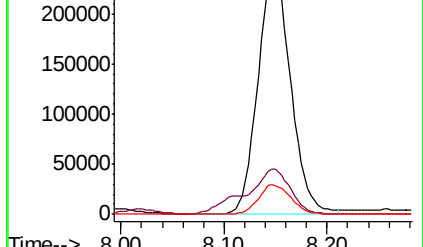
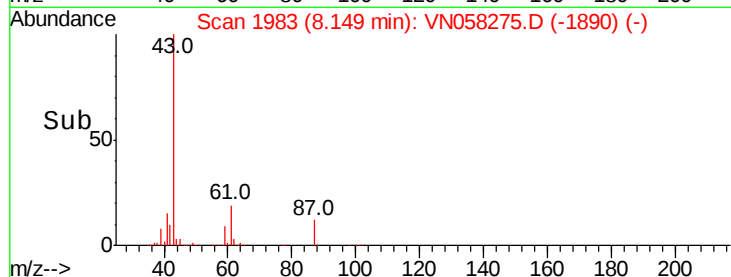


Abundance Ion 43.00 (42.70 to 43.70): VN058155.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN058155.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN058155.D (-1964) (-)

Time--> 8.00 8.10 8.20



#44

Trichloroethene

Concen: 48.365 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN058275.D

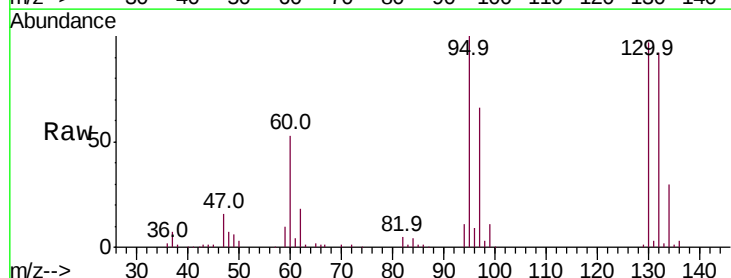
Acq: 23 Sep 2019 8:42

Tgt Ion:130 Resp: 206759

Ion Ratio Lower Upper

130 100

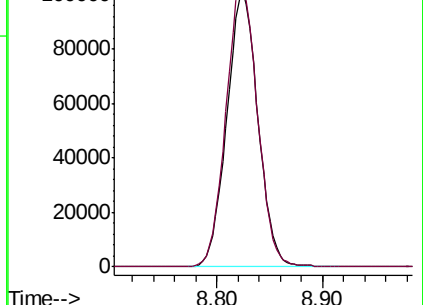
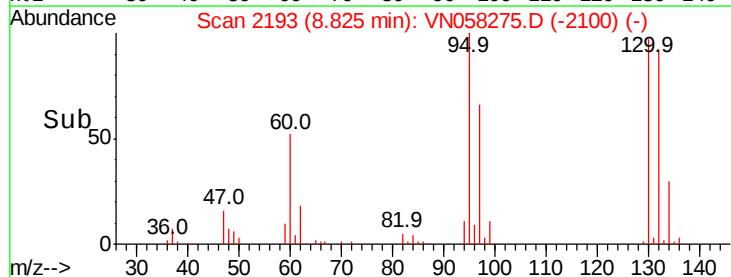
95 103.1 0.0 207.8

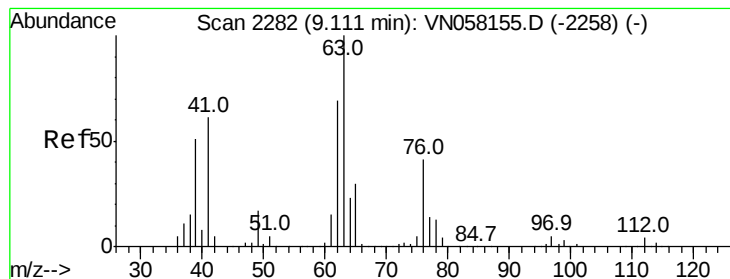


Abundance Ion 129.80 (129.50 to 130.50): VN058155.D (-2176) (-)

Ion 94.90 (94.60 to 95.60): VN058155.D (-2176) (-)

Time--> 8.80 8.90





#45

1,2-Dichloropropane

Concen: 50.903 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. -0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

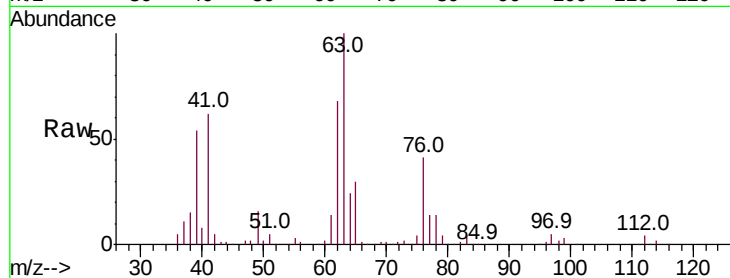
VSTDCCC050

Tot Ion: 63 Resp: 265561

Ion Ratio Lower Upper

63 100

65 30.0 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VN058155.D (-2258) (-)

Ion 64.90 (64.60 to 65.60): VN058155.D (-2258) (-)

9.11

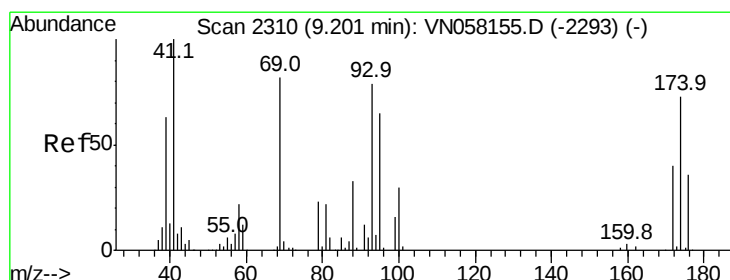
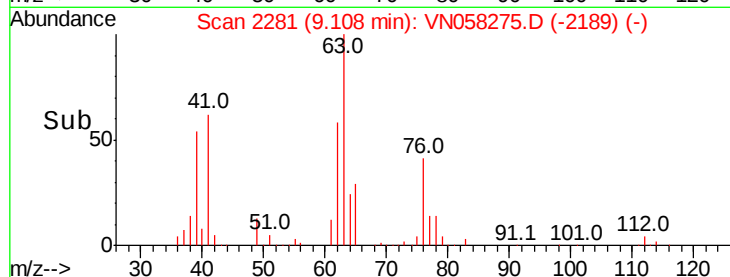
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 49.451 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

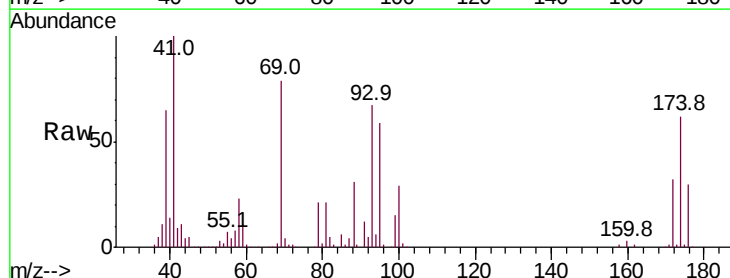
Tgt Ion: 93 Resp: 156850

Ion Ratio Lower Upper

93 100

95 84.9 66.8 100.2

174 91.5 73.8 110.8



Abundance Ion 92.80 (92.50 to 93.50): VN058155.D (-2293) (-)

Ion 94.80 (94.50 to 95.50): VN058155.D (-2293) (-)

Ion 173.70 (173.40 to 174.40): VN058155.D (-2293) (-)

100000

80000

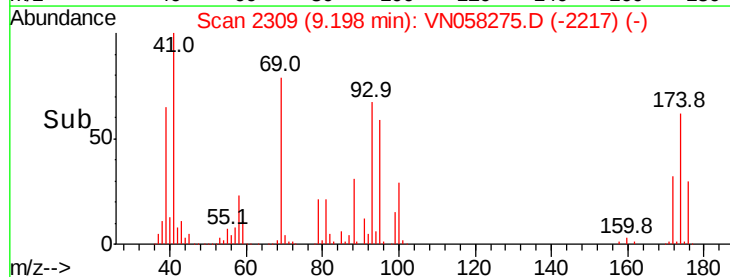
60000

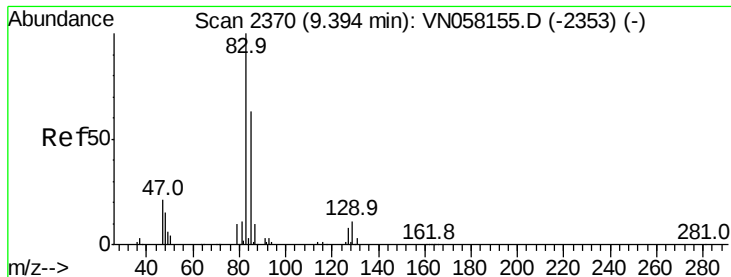
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 53.721 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

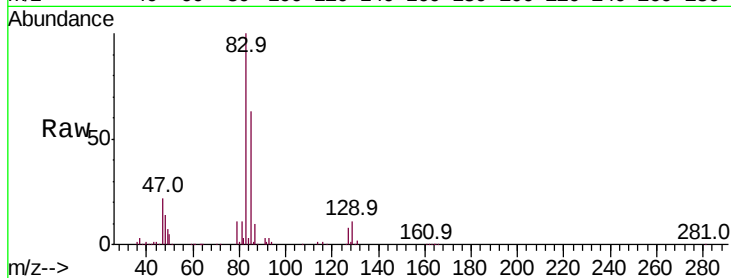
Tot Ion: 83 Resp: 356974

Ion Ratio Lower Upper

83 100

85 62.8 50.1 75.1

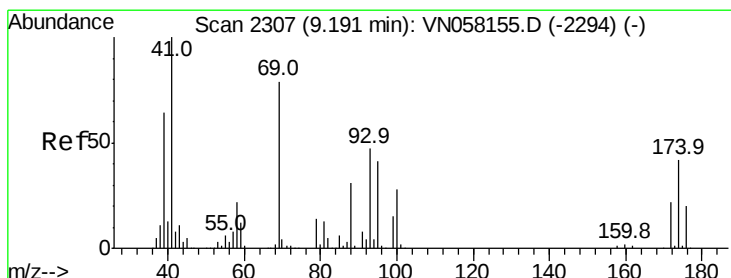
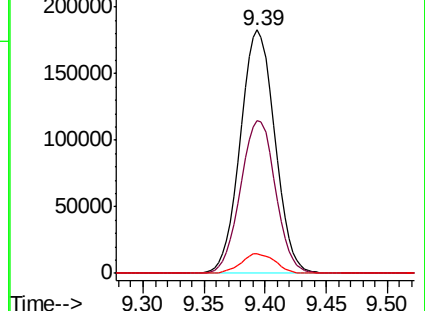
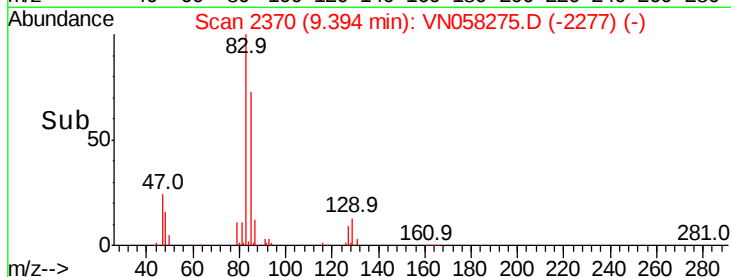
127 8.1 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VN058155.D (-2353) (-)

Ion 84.90 (84.60 to 85.60): VN058155.D (-2353) (-)

Ion 126.80 (126.50 to 127.50): VN058155.D (-2353) (-)



#48

Methyl methacrylate

Concen: 52.039 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

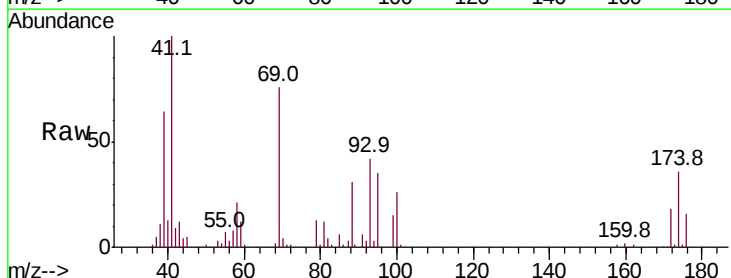
Tgt Ion: 41 Resp: 261923

Ion Ratio Lower Upper

41 100

69 78.1 62.5 93.7

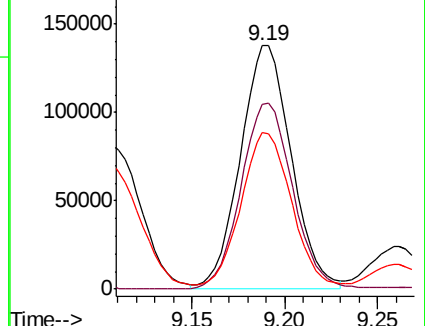
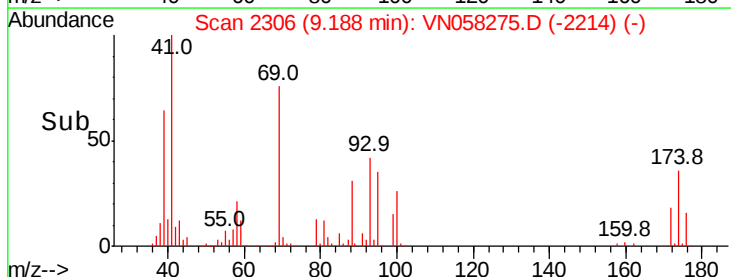
39 64.4 52.3 78.5

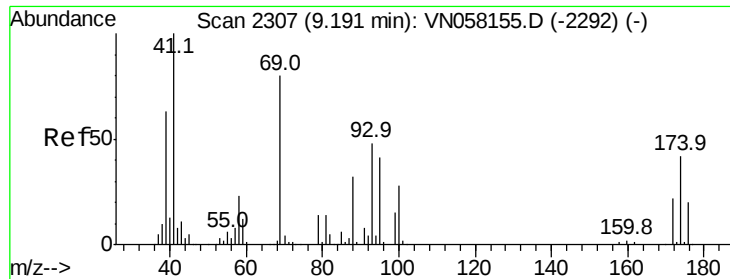


Abundance Ion 41.00 (40.70 to 41.70): VN058155.D (-2294) (-)

Ion 69.00 (68.70 to 69.70): VN058155.D (-2294) (-)

Ion 39.00 (38.70 to 39.70): VN058155.D (-2294) (-)

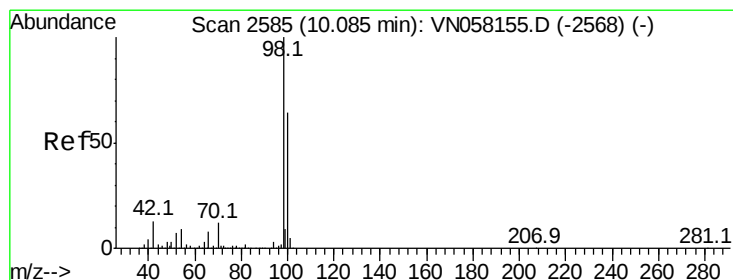
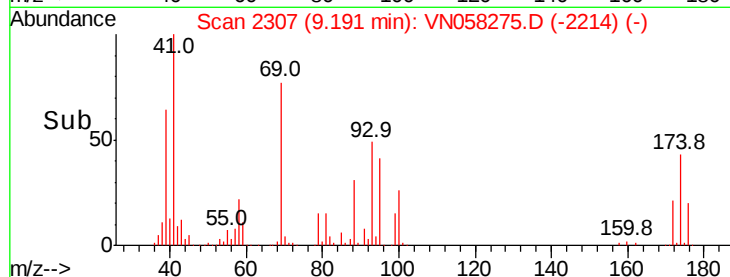
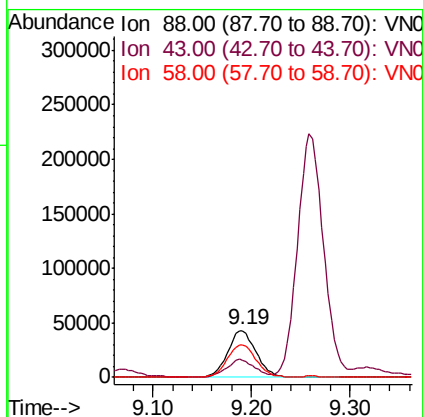
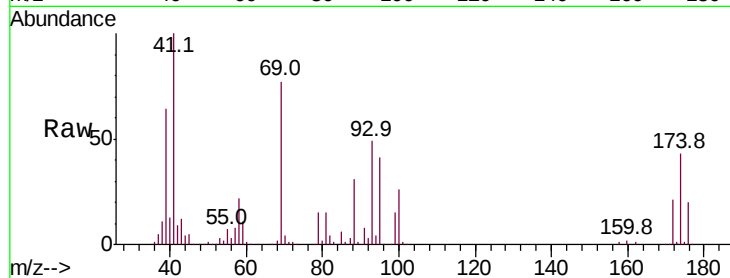




#49
1,4-Dioxane
Concen: 1054.169 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

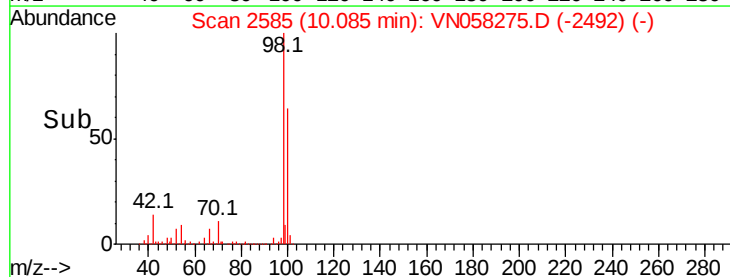
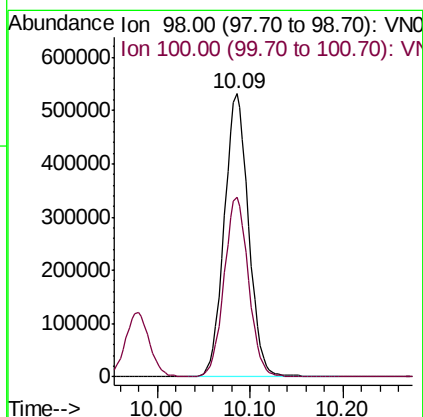
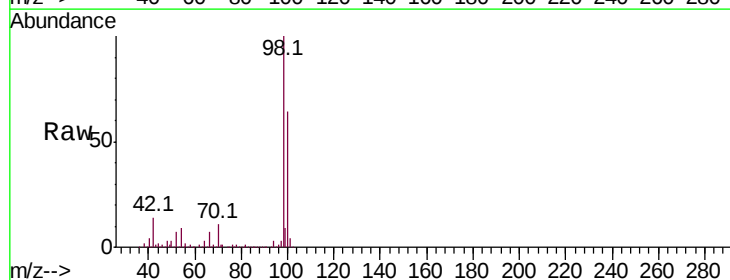
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

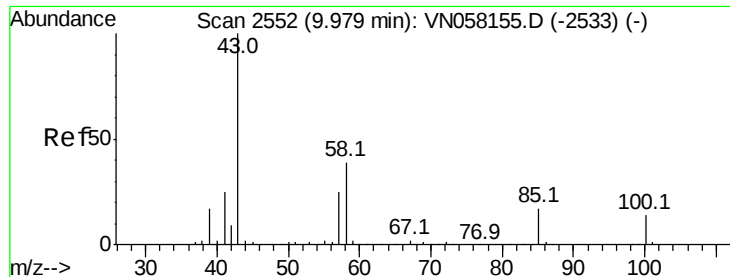
Tot Ion: 88 Resp: 87112
Ion Ratio Lower Upper
88 100
43 36.2 27.8 41.8
58 71.3 55.0 82.4



#50
Toluene-d8
Concen: 51.314 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

Tgt Ion: 98 Resp: 963952
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 286.370 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. -0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

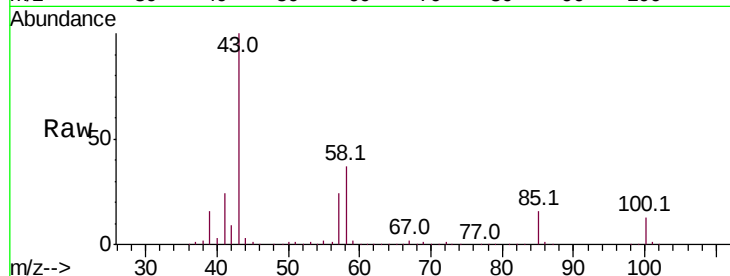
VSTDCCC050

Tot Ion: 43 Resp: 1686155

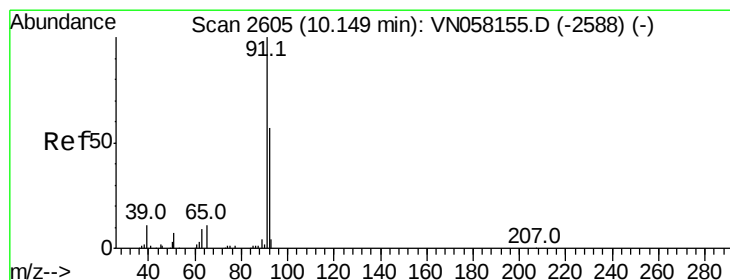
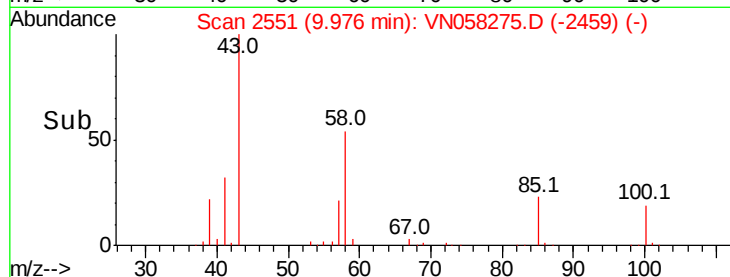
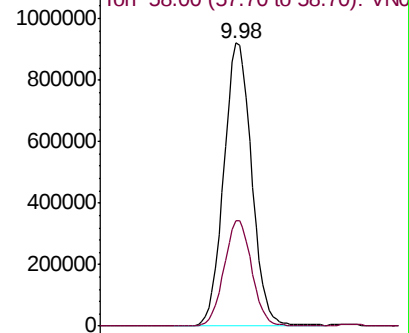
Ion Ratio Lower Upper

43 100

58 37.1 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VN058155.D (-2533) (-)



#52

Toluene

Concen: 49.074 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058275.D

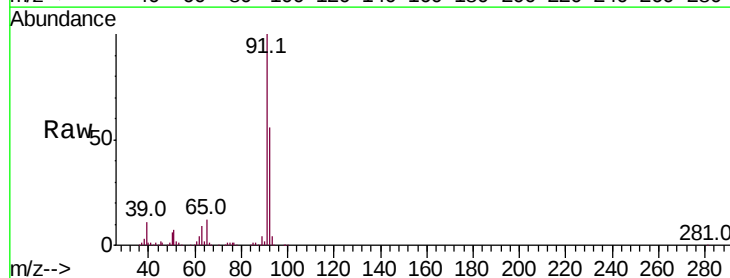
Acq: 23 Sep 2019 8:42

Tgt Ion: 92 Resp: 537272

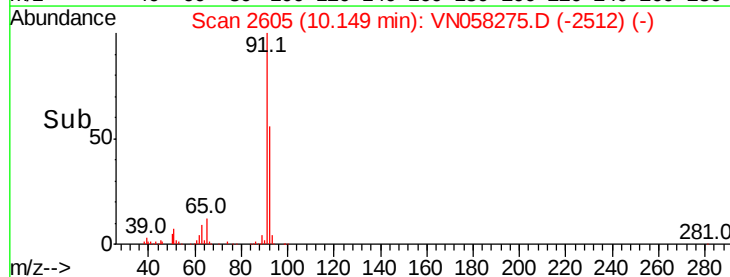
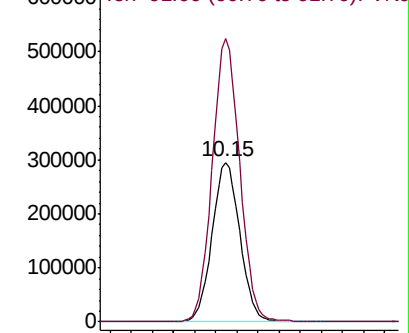
Ion Ratio Lower Upper

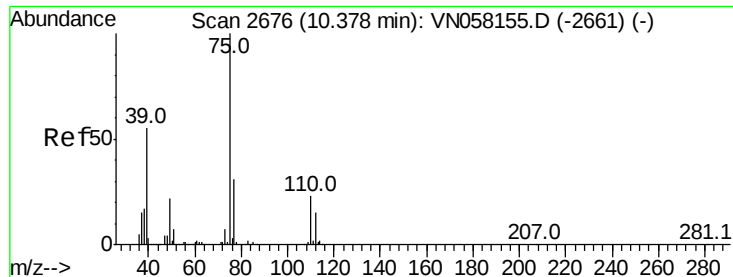
92 100

91 176.2 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VN058155.D (-2588) (-)





#53

t-1,3-Dichloropropene

Concen: 54.846 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

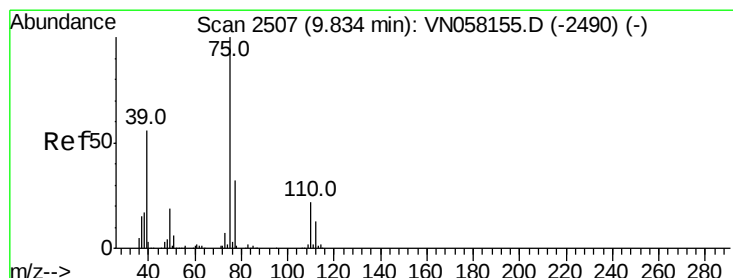
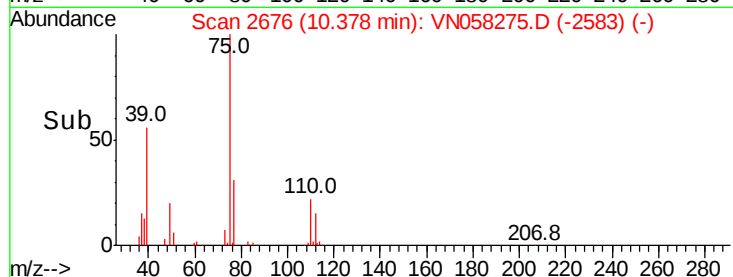
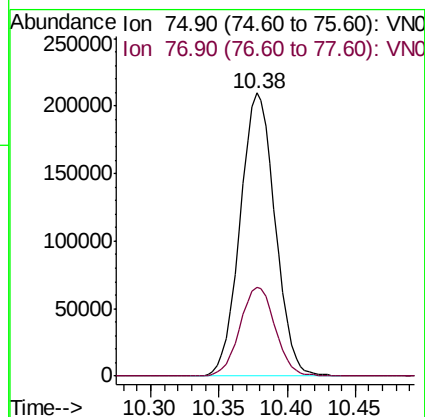
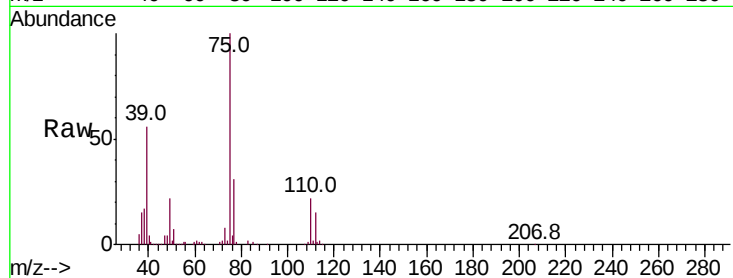
VSTDCCC050

Tot Ion: 75 Resp: 373321

Ion Ratio Lower Upper

75 100

77 31.4 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 52.569 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. -0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

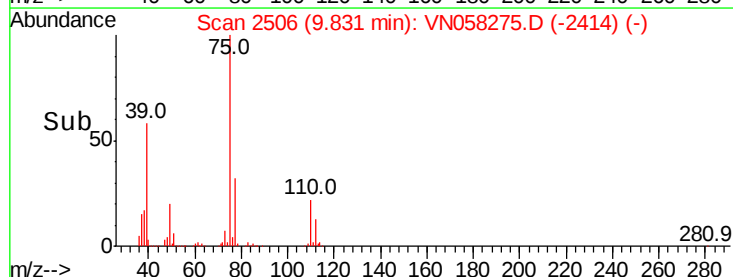
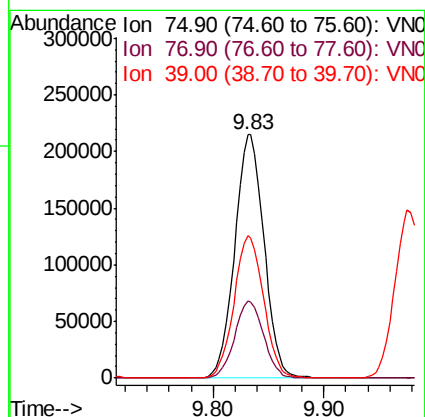
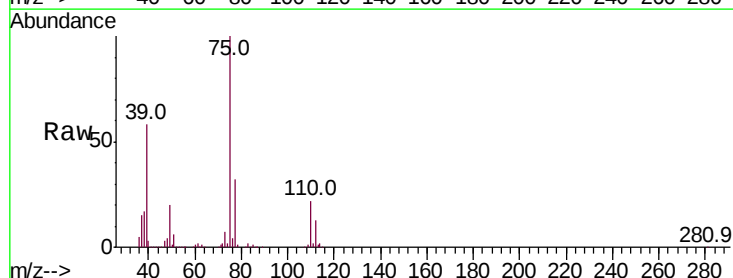
Tgt Ion: 75 Resp: 395062

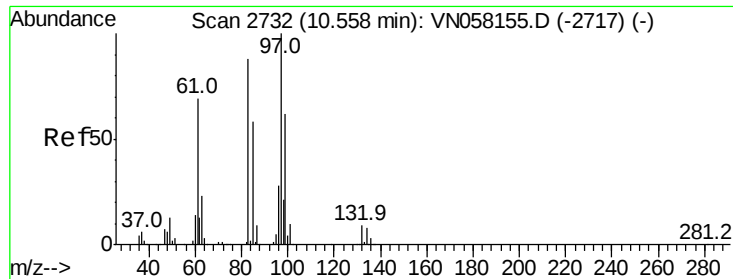
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

39 58.3 45.0 67.6





#55

1,1,2-Trichloroethane

Concen: 52.155 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 253395

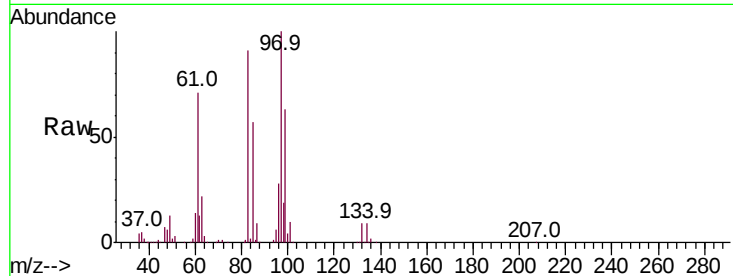
Ion Ratio Lower Upper

97 100

83 90.8 70.4 105.6

85 56.6 46.8 70.2

99 62.6 49.9 74.9



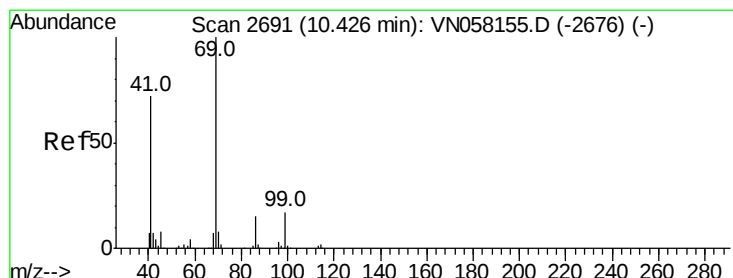
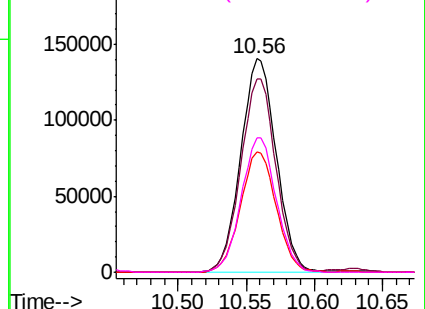
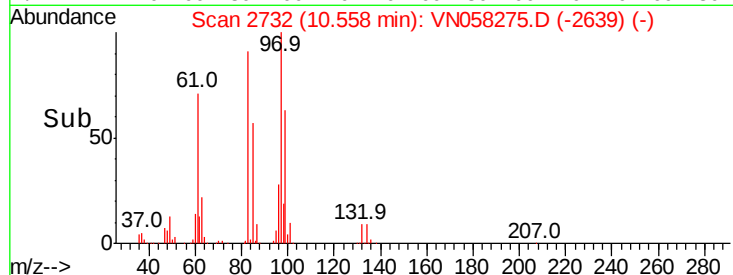
Abundance

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: 54.028 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

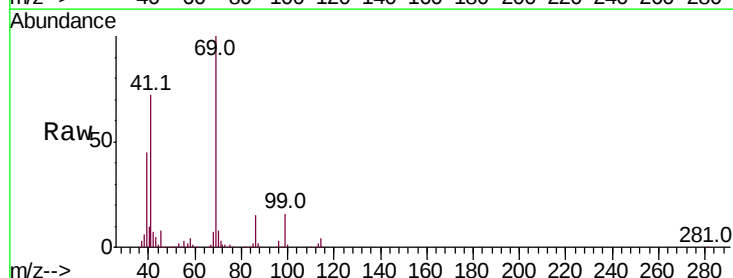
Tgt Ion: 69 Resp: 378737

Ion Ratio Lower Upper

69 100

41 71.0 57.5 86.3

39 44.9 36.1 54.1

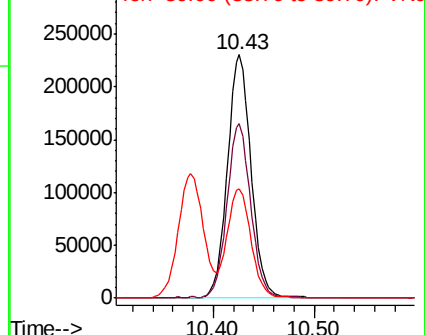
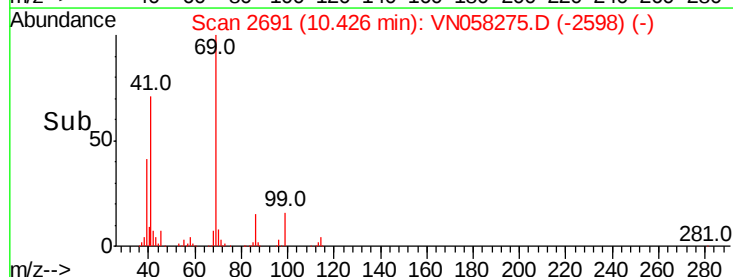


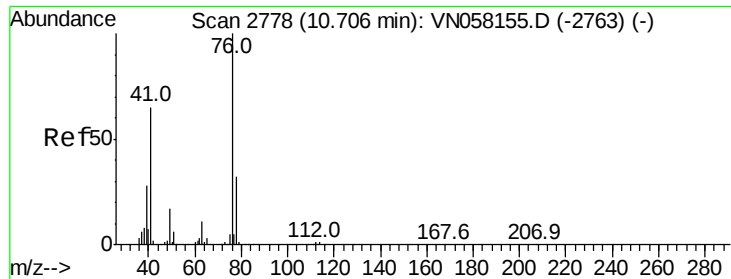
Abundance

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: 50.952 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

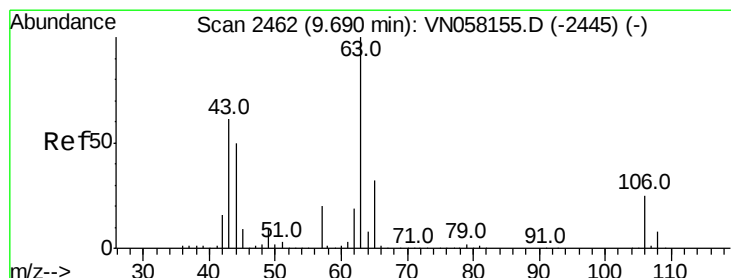
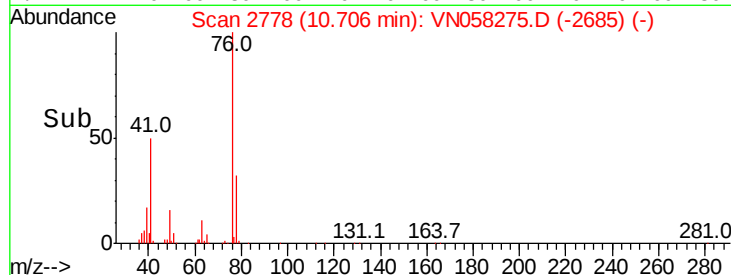
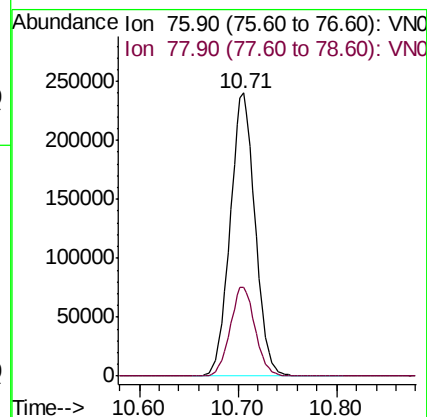
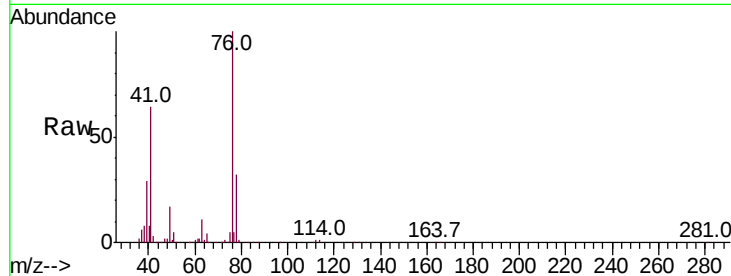
VSTDCCC050

Tot Ion: 76 Resp: 425568

Ion Ratio Lower Upper

76 100

78 31.5 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 280.454 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. -0.00 min

Lab File: VN058275.D

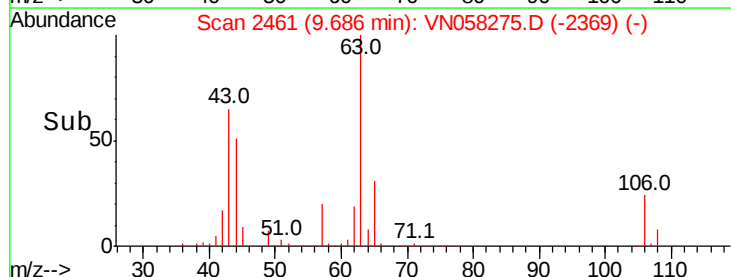
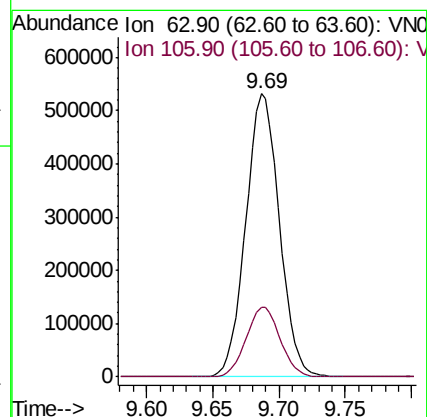
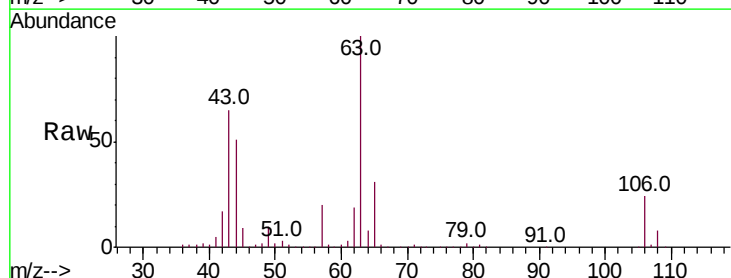
Acq: 23 Sep 2019 8:42

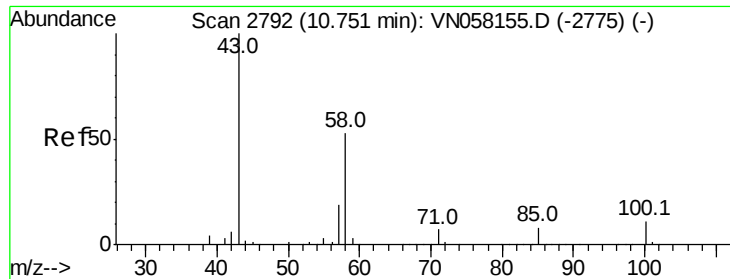
Tgt Ion: 63 Resp: 936453

Ion Ratio Lower Upper

63 100

106 25.0 19.9 29.9





#59

2-Hexanone

Concen: 300.776 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

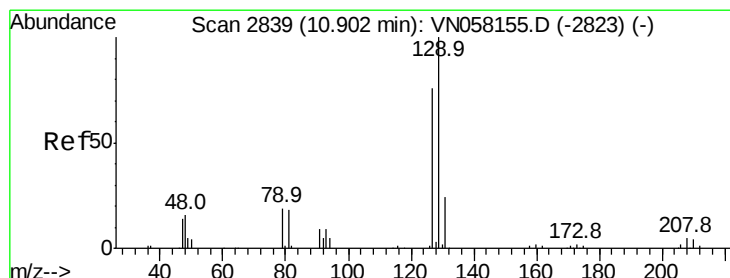
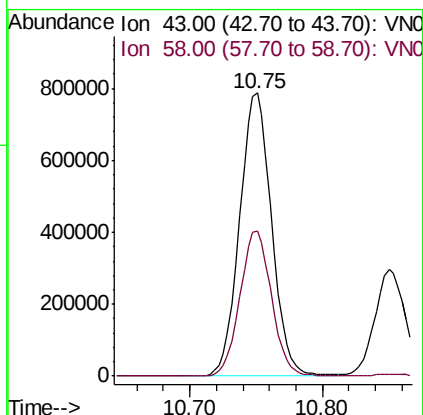
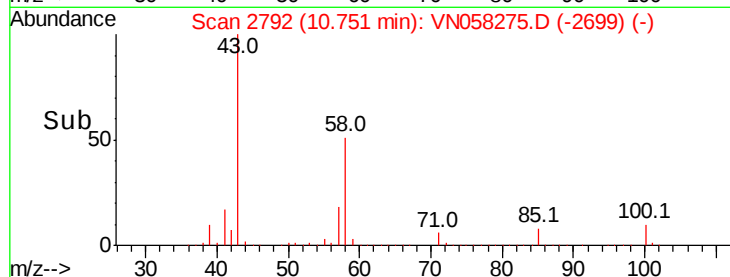
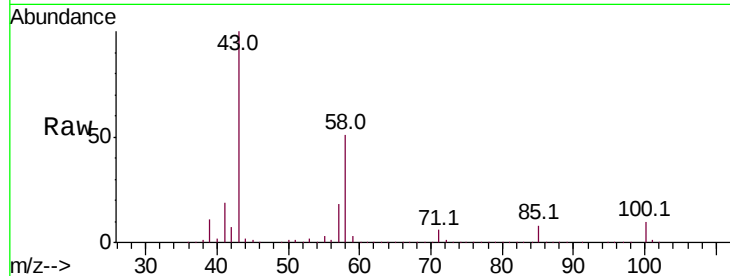
VSTDCCC050

Tot Ion: 43 Resp: 1315286

Ion Ratio Lower Upper

43 100

58 50.9 26.0 78.0



#60

Dibromochloromethane

Concen: 56.910 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN058275.D

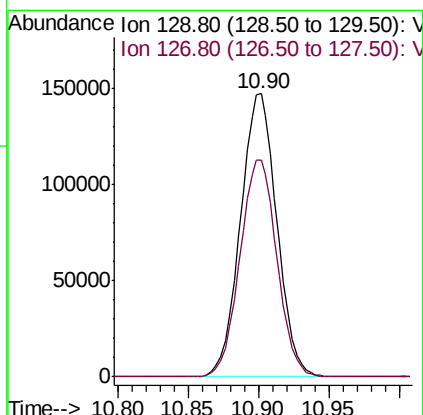
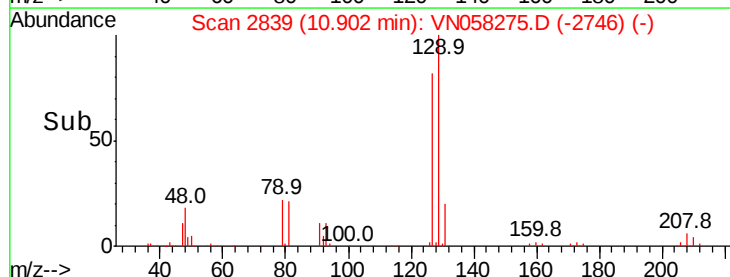
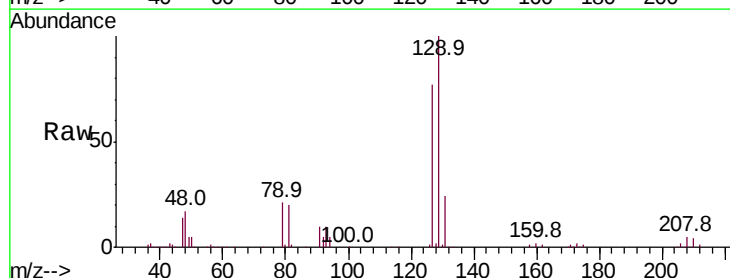
Acq: 23 Sep 2019 8:42

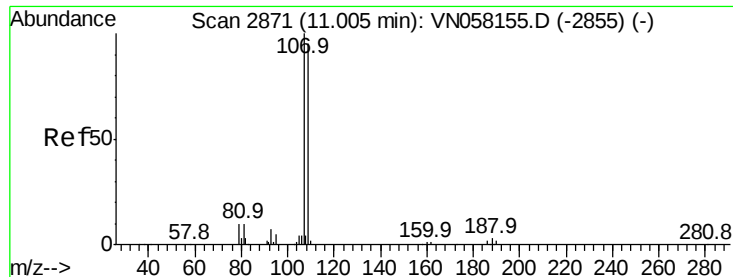
Tgt Ion: 129 Resp: 266004

Ion Ratio Lower Upper

129 100

127 77.7 38.7 116.1





#61

1,2-Dibromoethane

Concen: 51.103 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

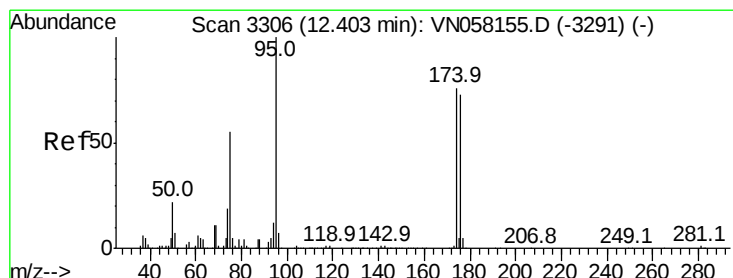
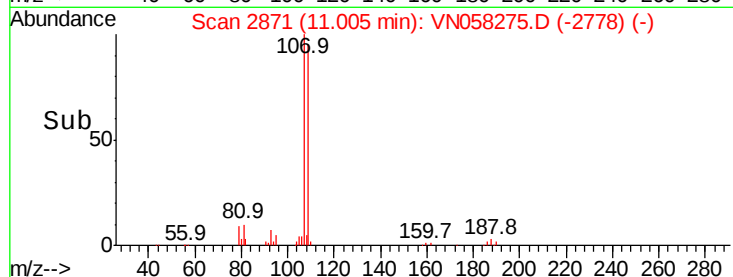
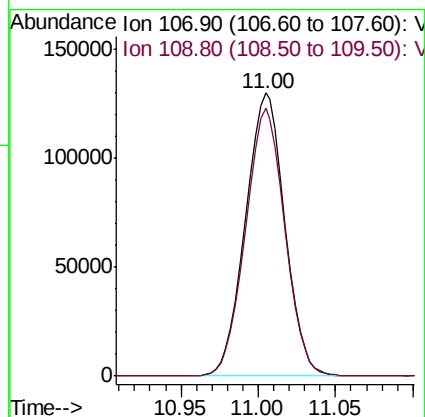
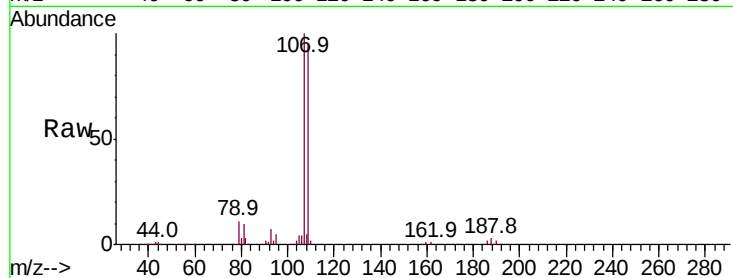
VSTDCCC050

Tot Ion:107 Resp: 230097

Ion Ratio Lower Upper

107 100

109 94.7 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 51.862 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

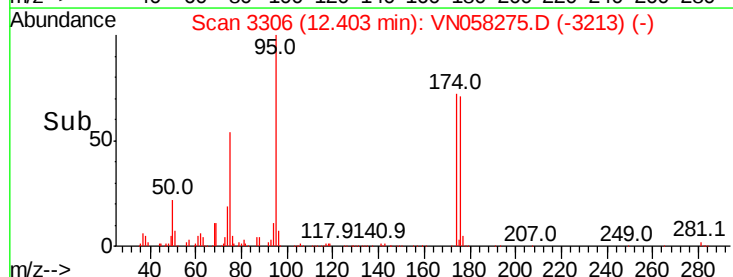
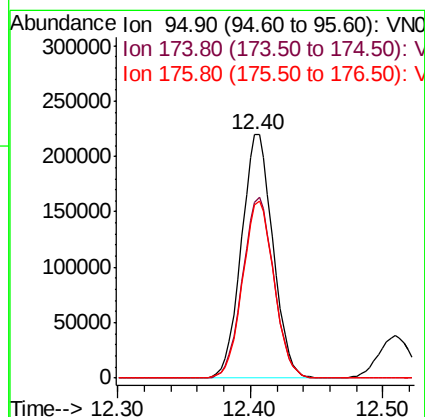
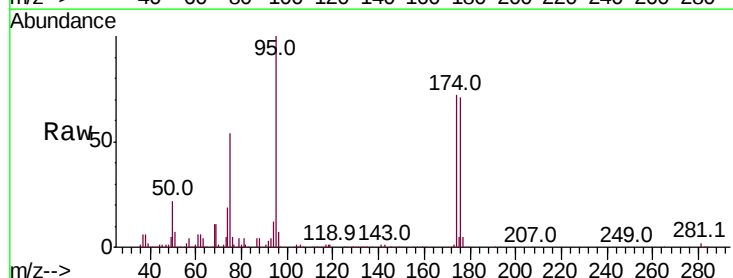
Tgt Ion: 95 Resp: 361893

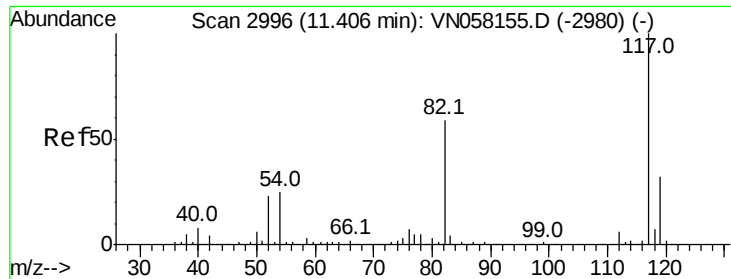
Ion Ratio Lower Upper

95 100

174 73.9 0.0 152.2

176 72.4 0.0 148.0

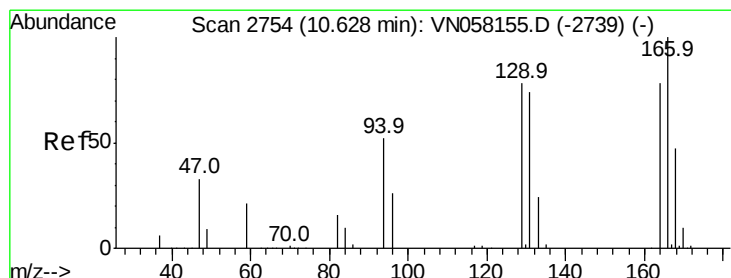
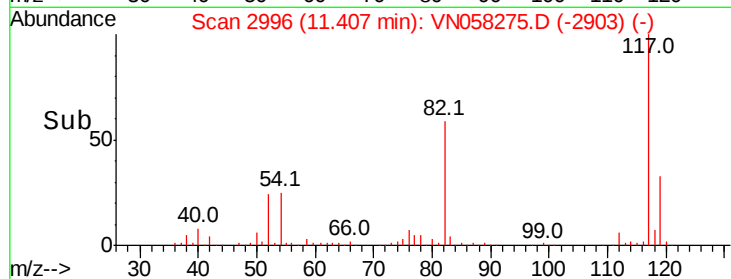
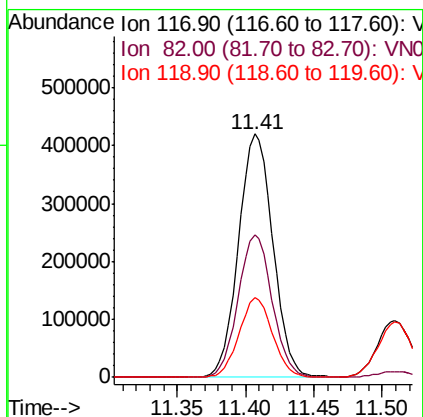
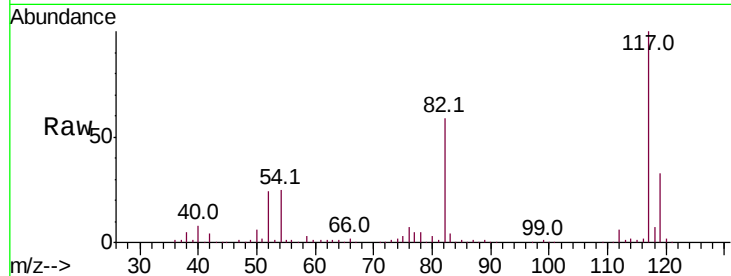




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

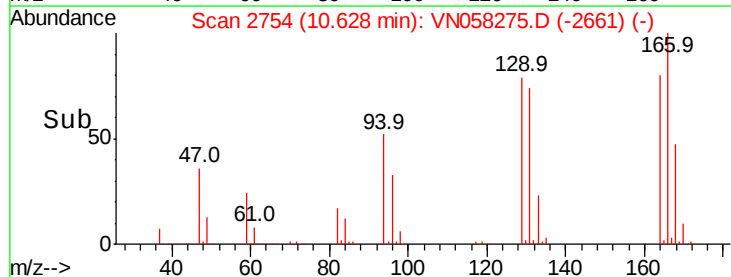
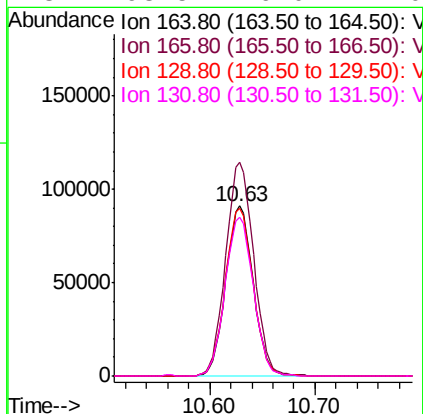
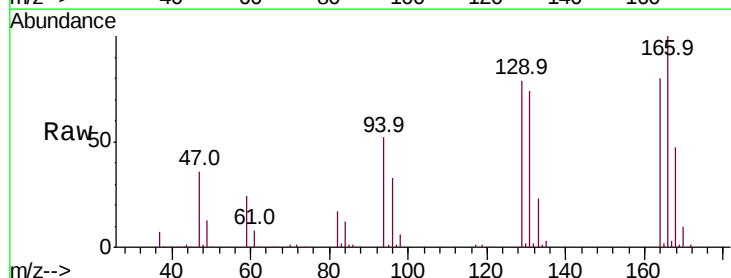
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

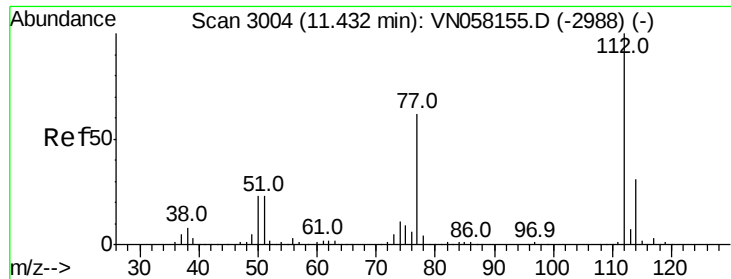
Tot Ion:117 Resp: 735444
Ion Ratio Lower Upper
117 100
82 58.7 46.9 70.3
119 32.6 25.3 37.9



#64
Tetrachloroethene
Concen: 45.591 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

Tgt Ion:164 Resp: 163450
Ion Ratio Lower Upper
164 100
166 125.7 102.2 153.4
129 99.0 79.6 119.4
131 93.5 76.0 114.0

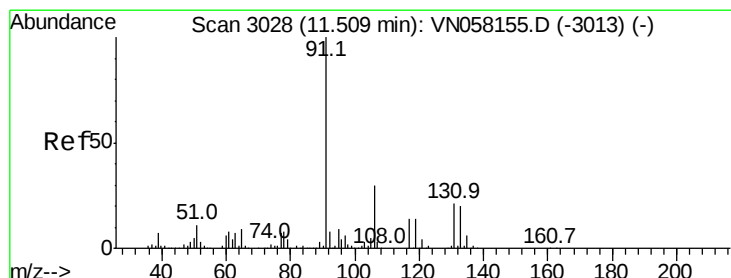
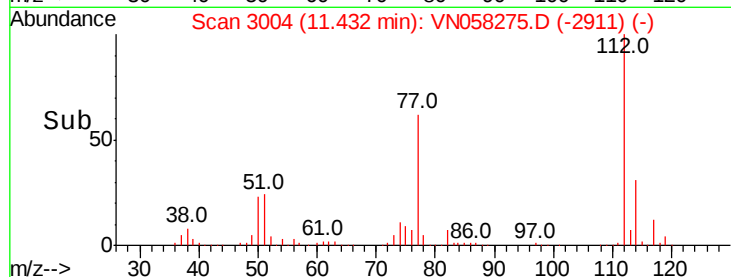
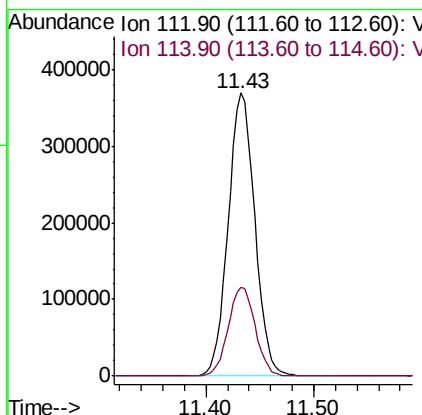
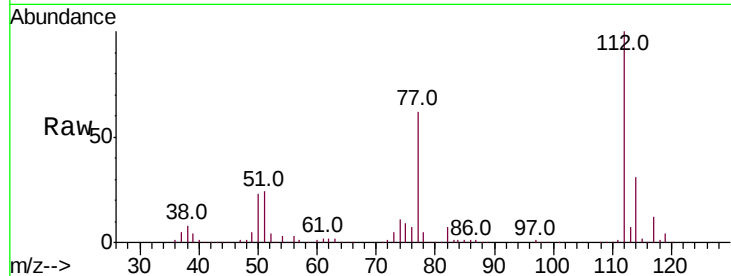




#65
Chlorobenzene
Concen: 48.950 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

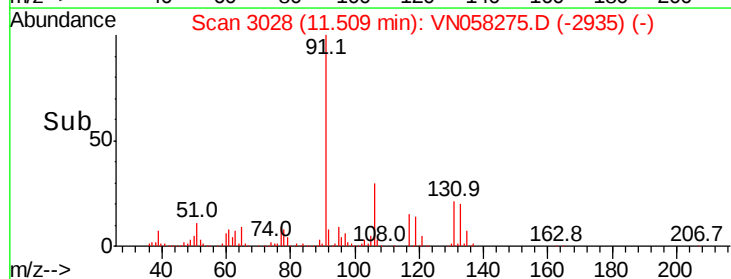
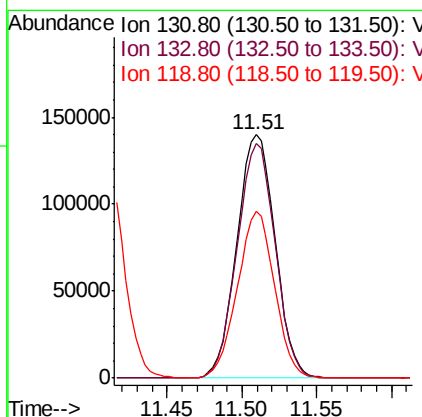
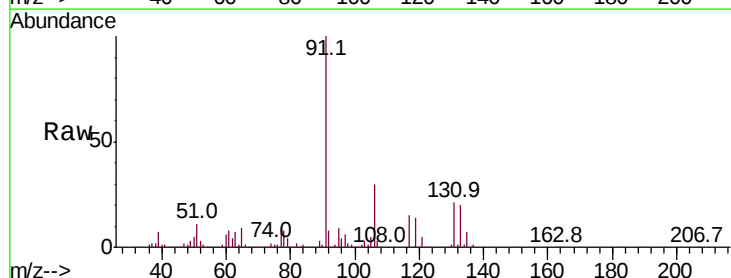
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

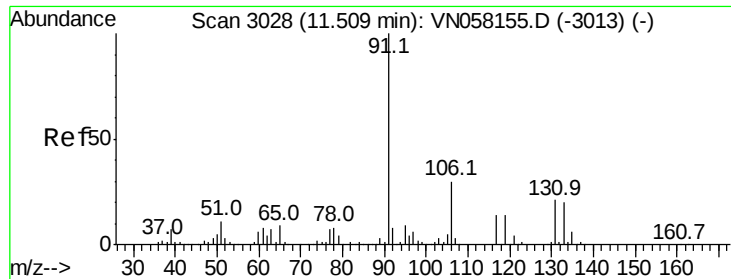
Tot Ion:112 Resp: 633217
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.213 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

Tgt Ion:131 Resp: 249602
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.3
119 66.3 33.1 99.3





#67

Ethyl Benzene

Concen: 51.422 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

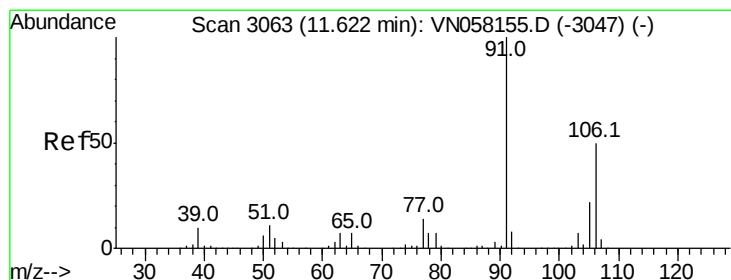
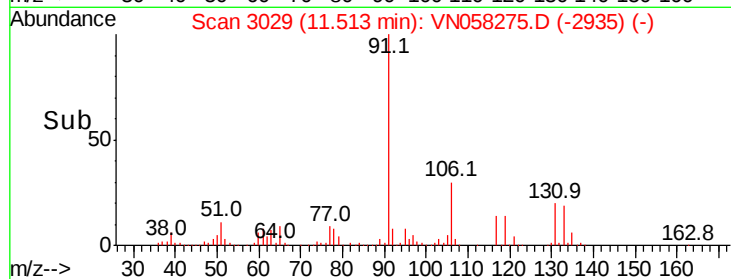
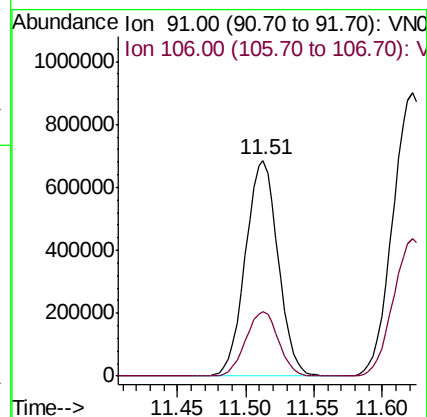
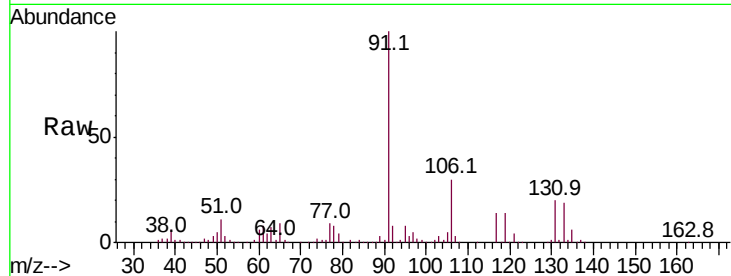
VSTDCCC050

Tot Ion: 91 Resp: 1139803

Ion Ratio Lower Upper

91 100

106 29.8 24.0 36.0



#68

m/p-Xylenes

Concen: 99.910 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN058275.D

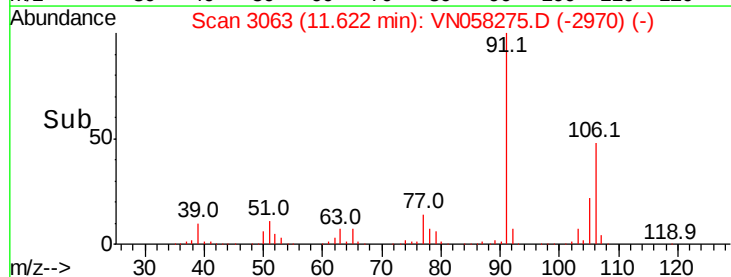
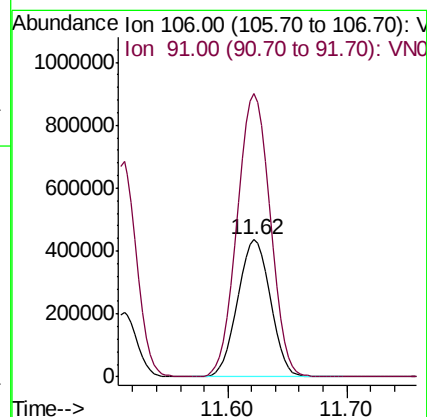
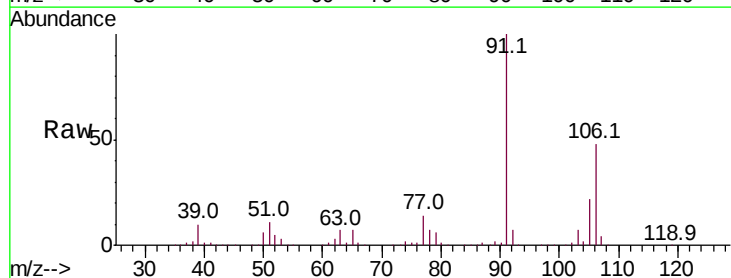
Acq: 23 Sep 2019 8:42

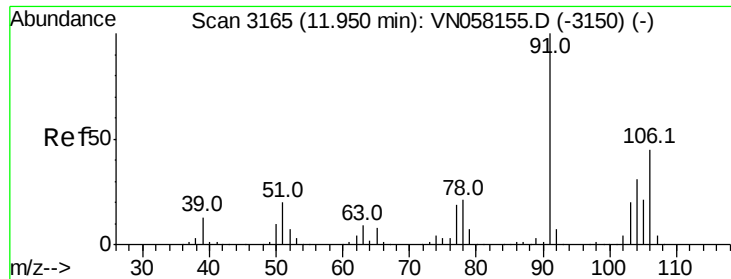
Tgt Ion: 106 Resp: 834069

Ion Ratio Lower Upper

106 100

91 208.3 163.6 245.4

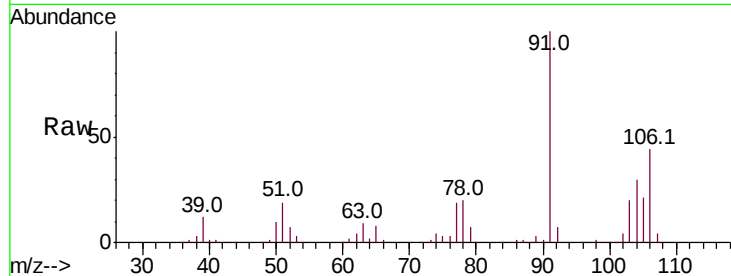




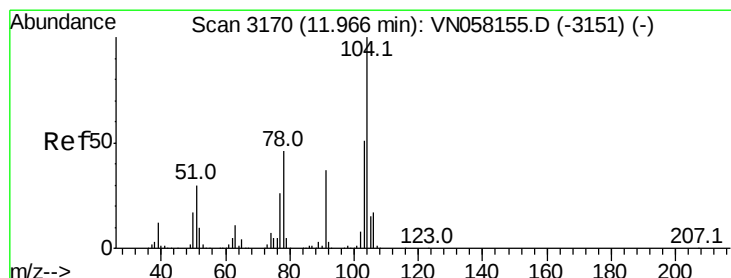
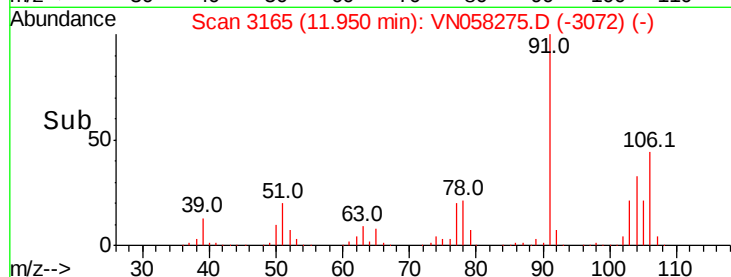
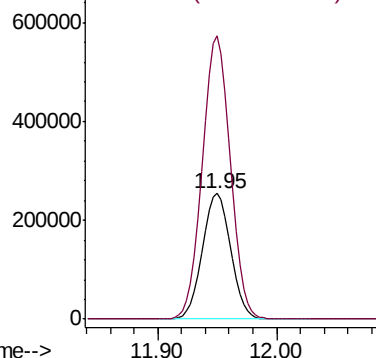
#69
o-Xylene
Concen: 51.075 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 419262
Ion Ratio Lower Upper
106 100
91 222.8 111.8 335.3

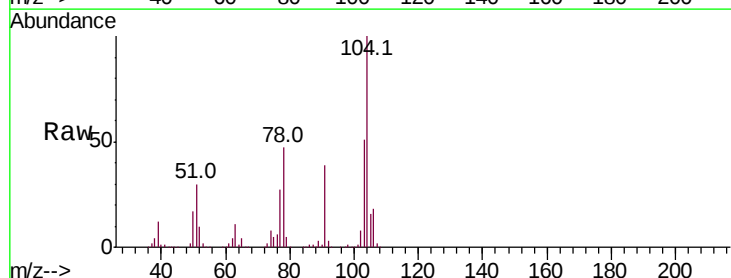


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

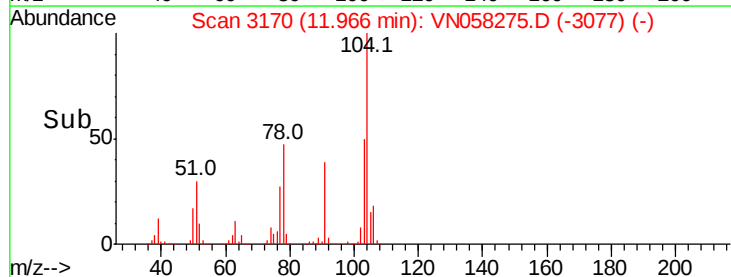
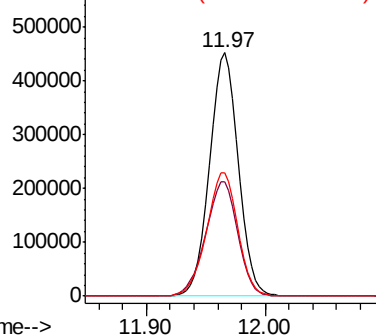


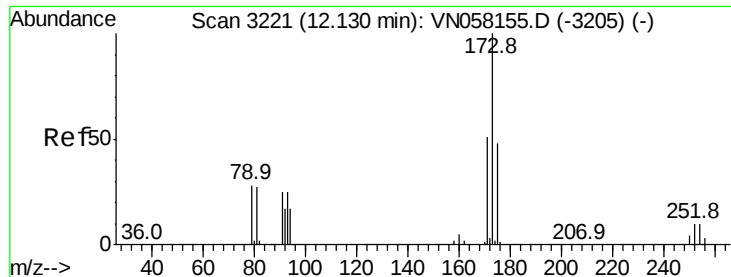
#70
Styrene
Concen: 53.505 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

Tgt Ion:104 Resp: 756754
Ion Ratio Lower Upper
104 100
78 52.7 41.8 62.8
103 55.1 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 49.720 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

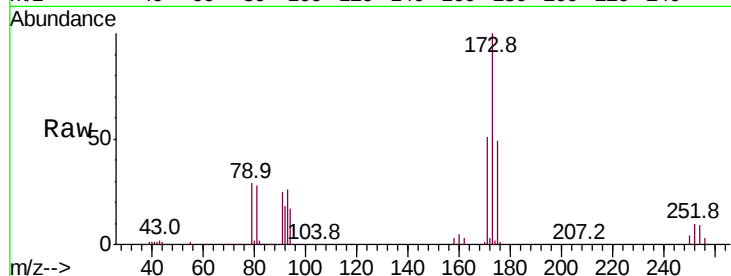
Tot Ion:173 Resp: 172830

Ion Ratio Lower Upper

173 100

175 47.9 24.2 72.6

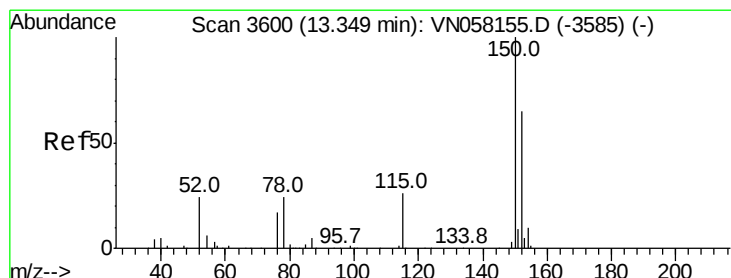
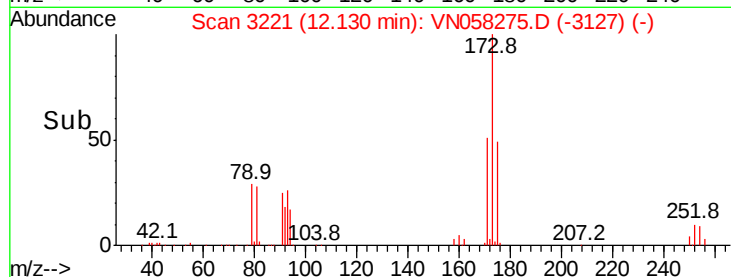
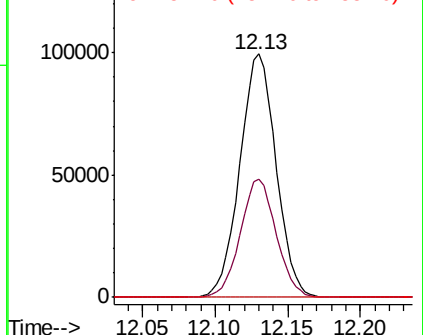
254 0.1 0.1 0.1#



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: VN058275.D

Acq: 23 Sep 2019 8:42

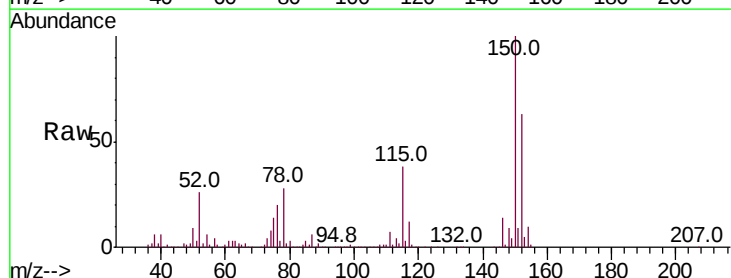
Tgt Ion:152 Resp: 366875

Ion Ratio Lower Upper

152 100

115 60.8 30.1 90.3

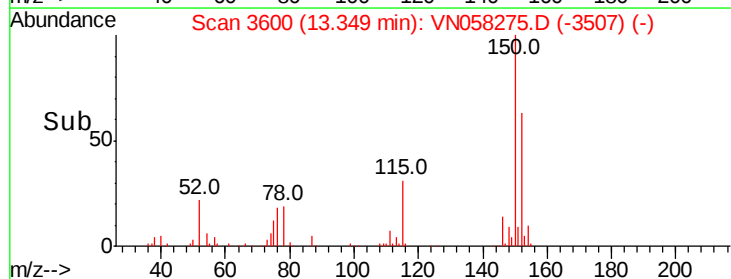
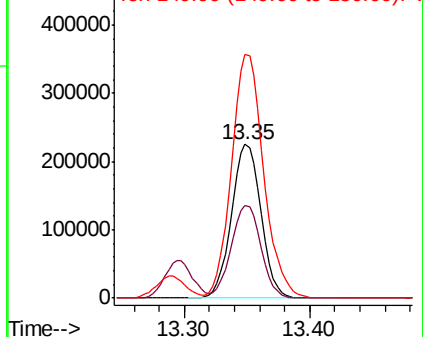
150 172.3 0.0 346.4

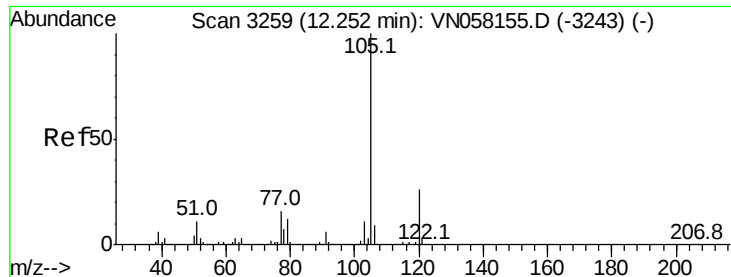


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.146 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

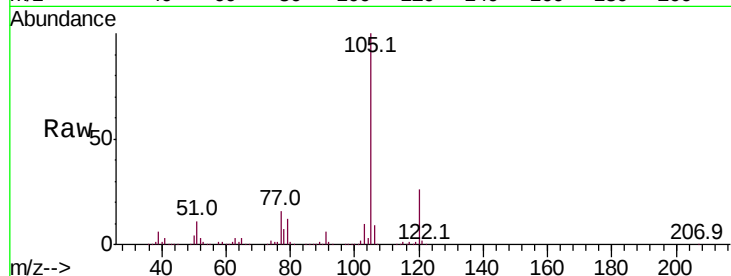
VSTDCCC050

Tot Ion:105 Resp: 1197476

Ion Ratio Lower Upper

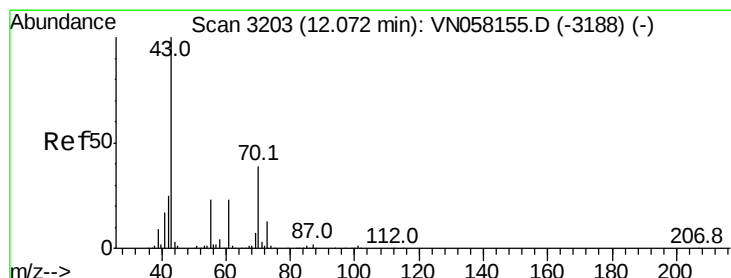
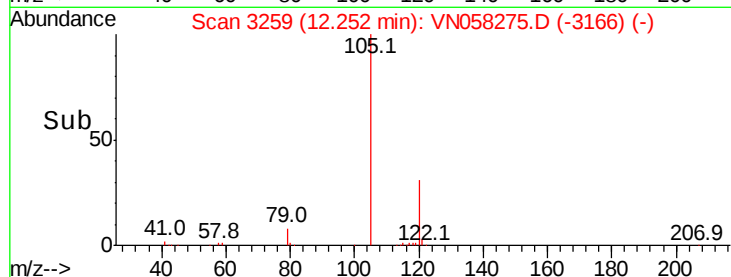
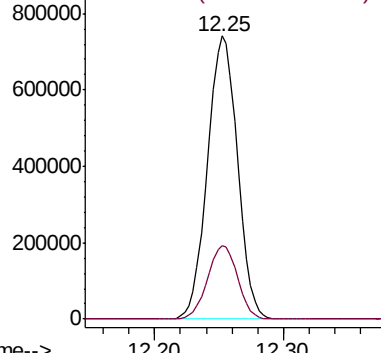
105 100

120 26.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.467 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Tgt Ion: 43 Resp: 523253

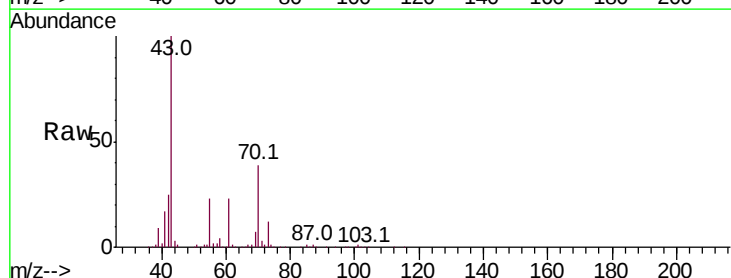
Ion Ratio Lower Upper

43 100

70 39.0 31.0 46.6

55 23.8 18.5 27.7

61 22.6 18.2 27.2

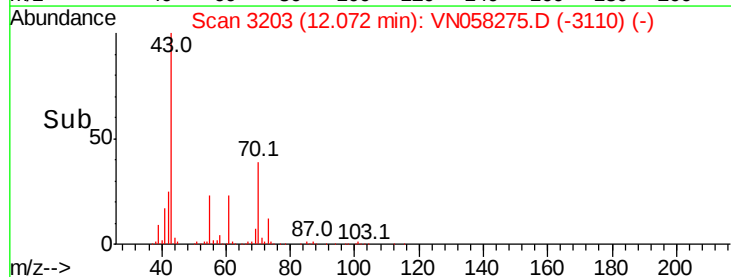
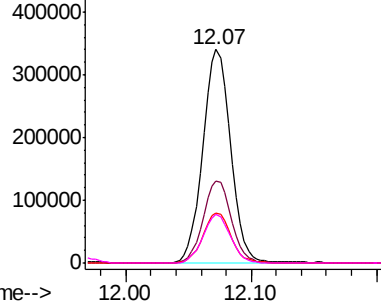


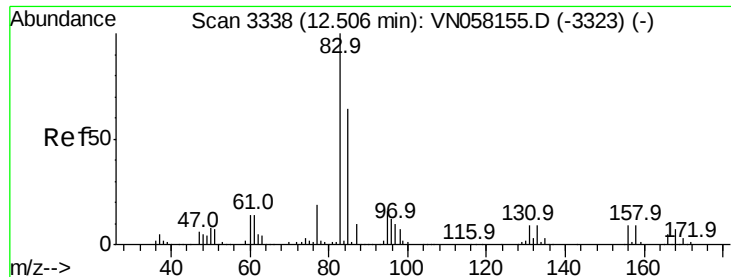
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 51.874 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

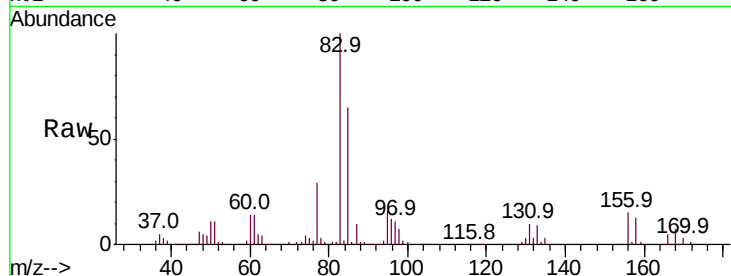
Tot Ion: 83 Resp: 398915

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.8	14.3
85	63.9	31.9	95.5

83 100

131 9.6 4.8 14.3

85 63.9 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO

12.51

250000

200000

150000

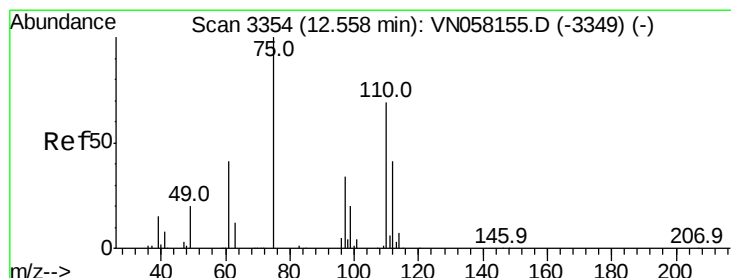
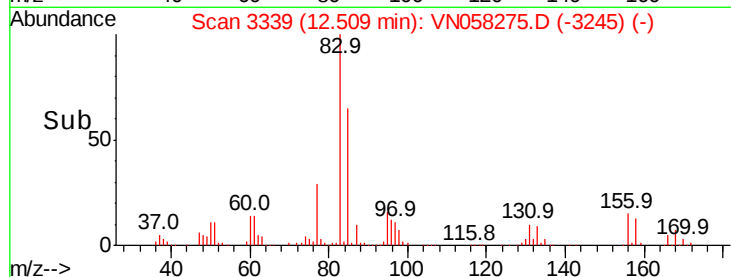
100000

50000

0

Time-->

12.45 12.50 12.55



#76

1,2,3-Trichloropropane

Concen: 74.152 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN058275.D

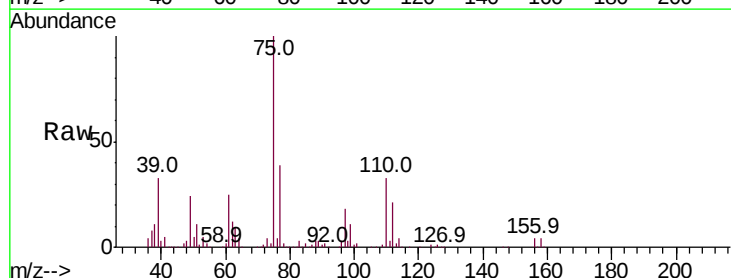
Acq: 23 Sep 2019 8:42

Tgt Ion: 75 Resp: 486874

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

300000

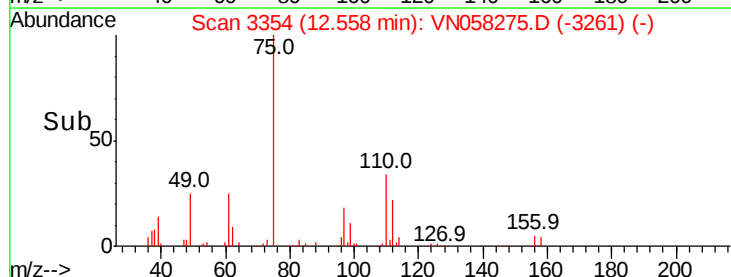
200000

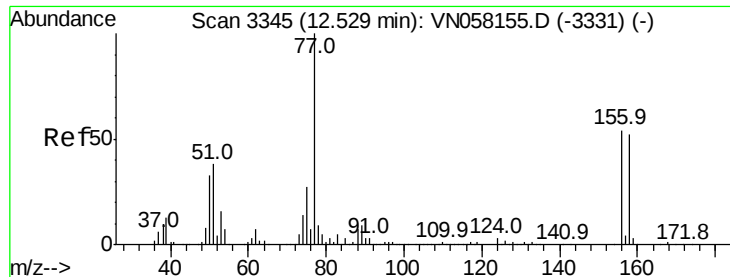
100000

0

Time-->

12.50 12.55 12.60





#77

Bromobenzene

Concen: 48.862 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

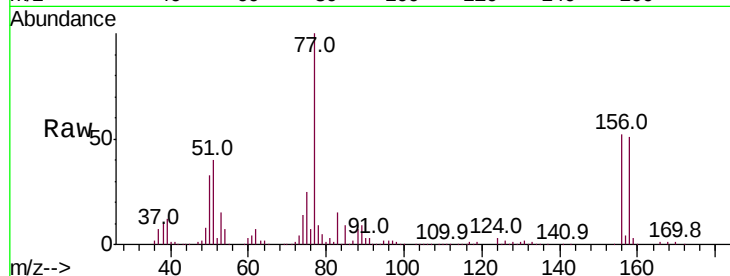
Tot Ion:156 Resp: 282248

Ion Ratio Lower Upper

156 100

77 227.8 111.7 335.1

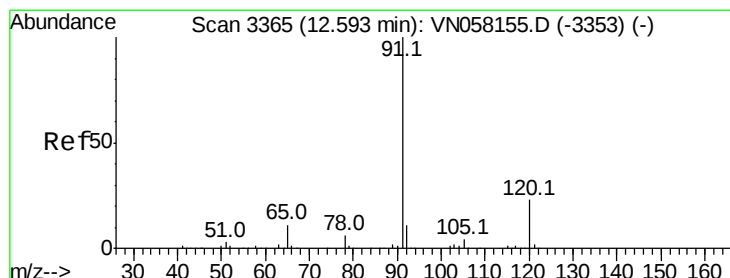
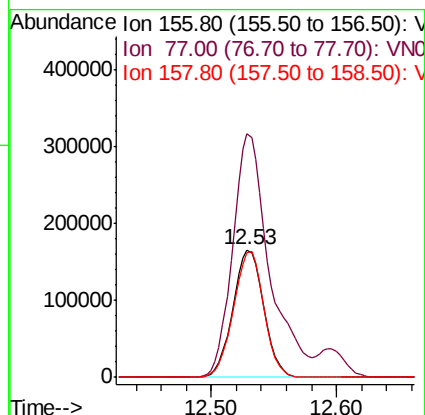
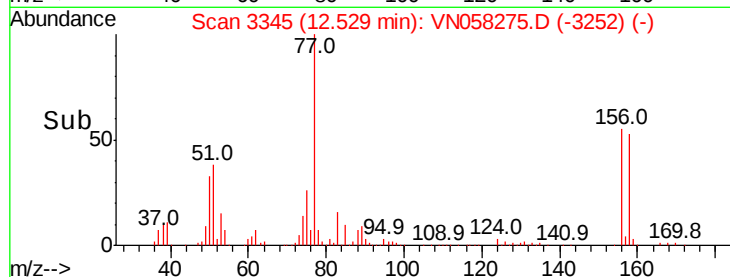
158 97.4 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.490 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058275.D

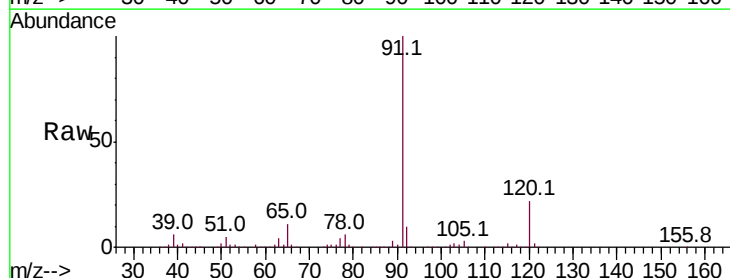
Acq: 23 Sep 2019 8:42

Tgt Ion: 91 Resp: 1421941

Ion Ratio Lower Upper

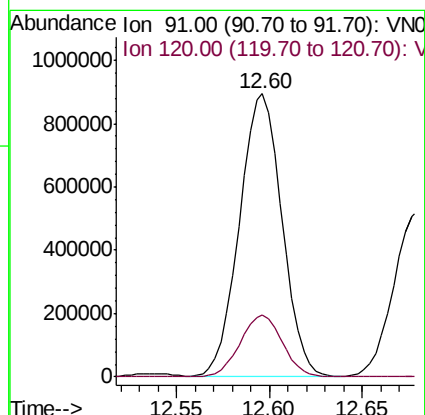
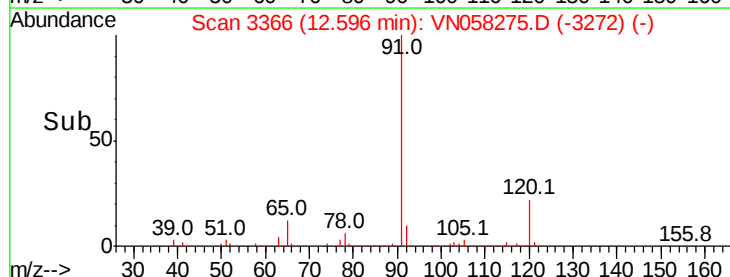
91 100

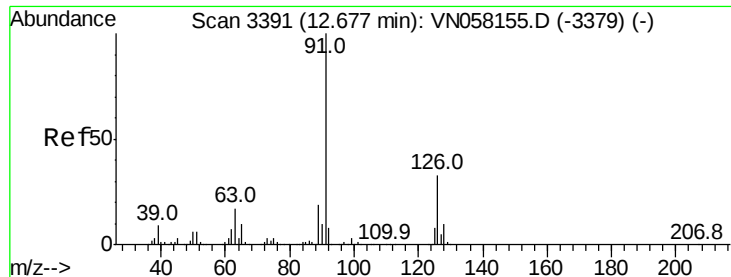
120 21.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.310 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

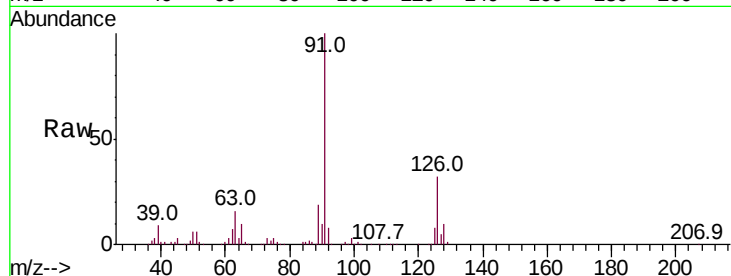
VSTDCCC050

Tot Ion: 91 Resp: 853099

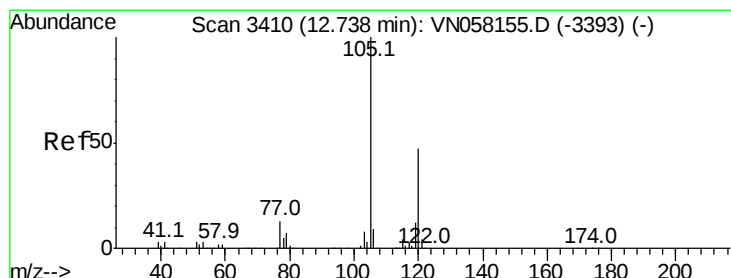
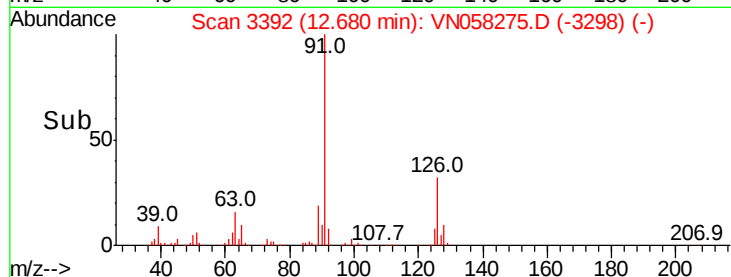
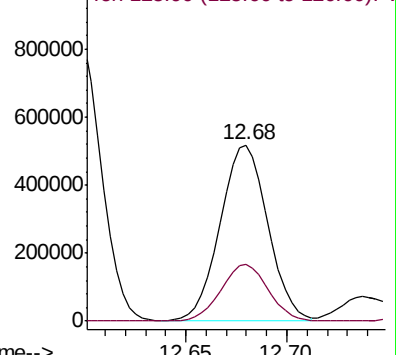
Ion Ratio Lower Upper

91 100

126 32.2 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN058155.D (-3379) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.813 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058275.D

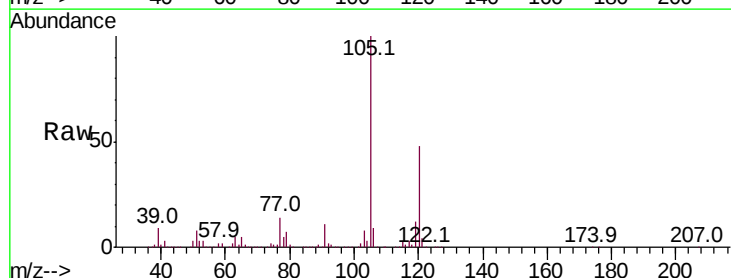
Acq: 23 Sep 2019 8:42

Tgt Ion:105 Resp: 1025575

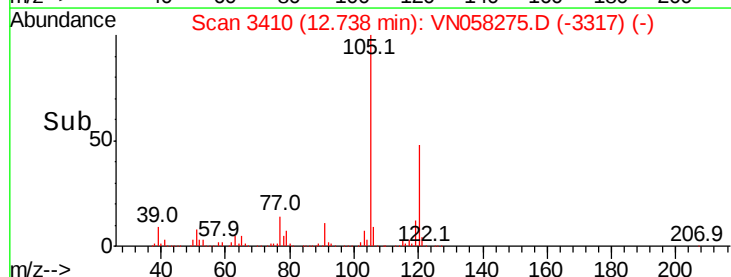
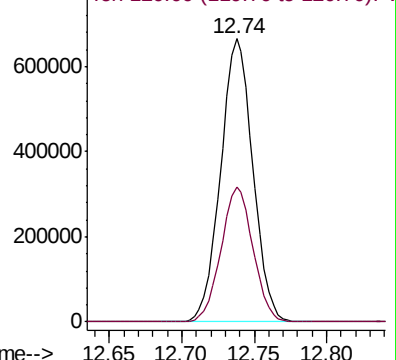
Ion Ratio Lower Upper

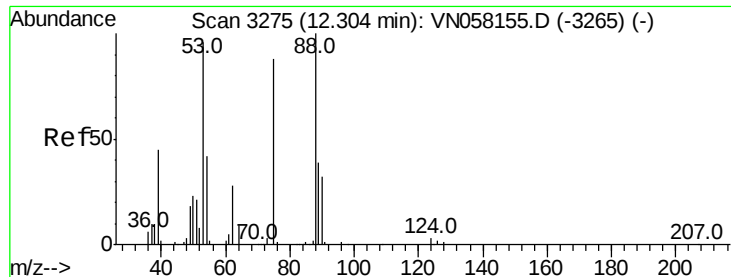
105 100

120 47.5 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN058155.D (-3393) (-)

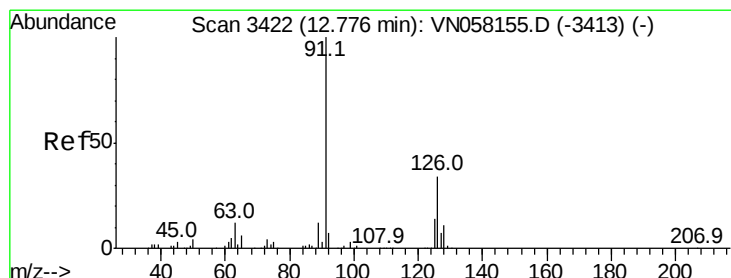
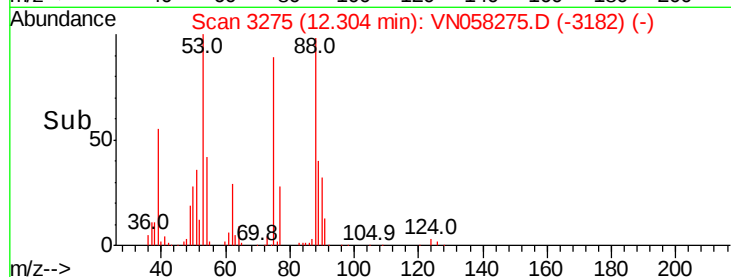
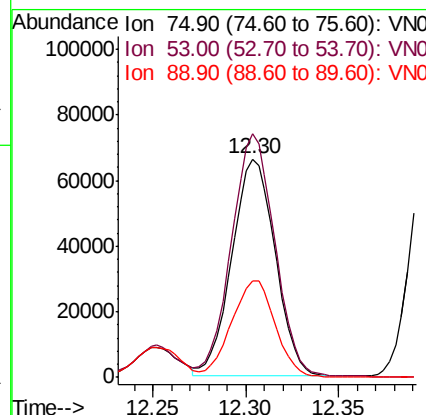
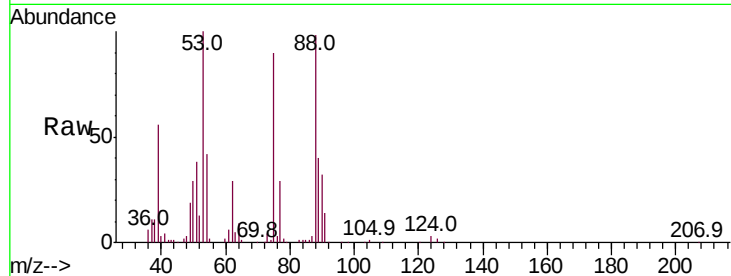




#81
trans-1,4-Dichloro-2-butene
Concen: 48.792 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. 0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

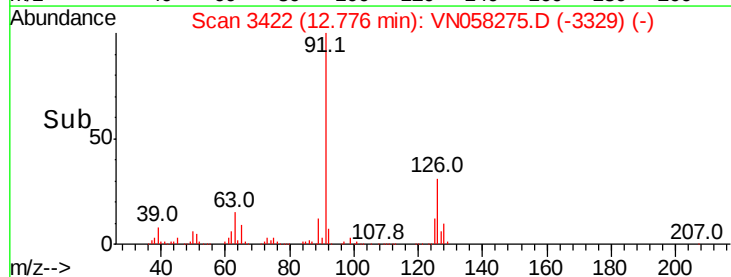
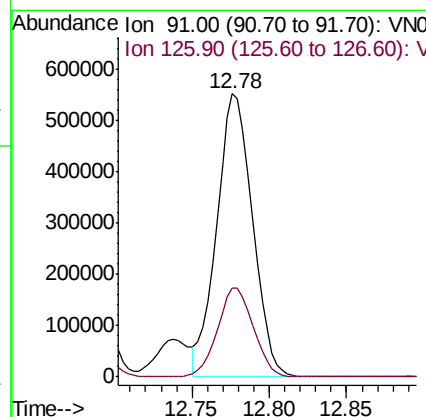
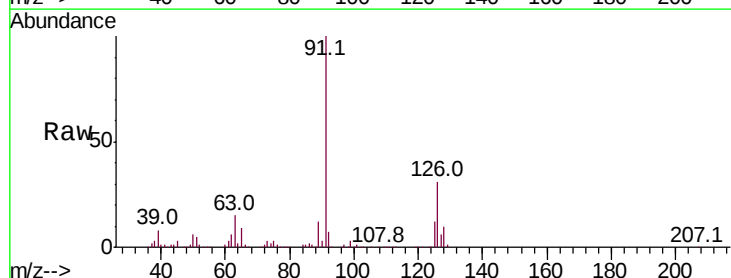
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

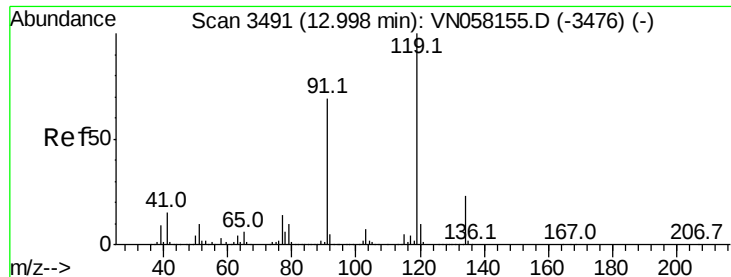
Tot Ion: 75 Resp: 107292
Ion Ratio Lower Upper
75 100
53 111.6 90.1 135.1
89 45.2 36.2 54.2



#82
4-Chlorotoluene
Concen: 51.702 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

Tgt Ion: 91 Resp: 886342
Ion Ratio Lower Upper
91 100
126 31.8 15.7 47.1

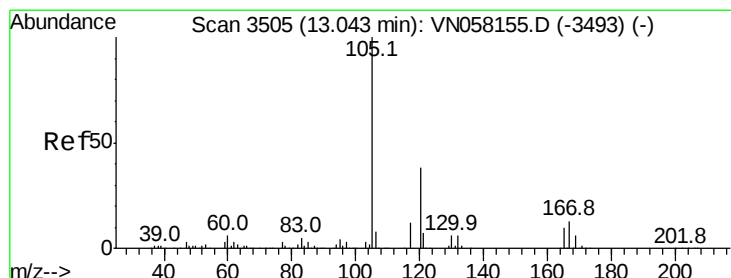
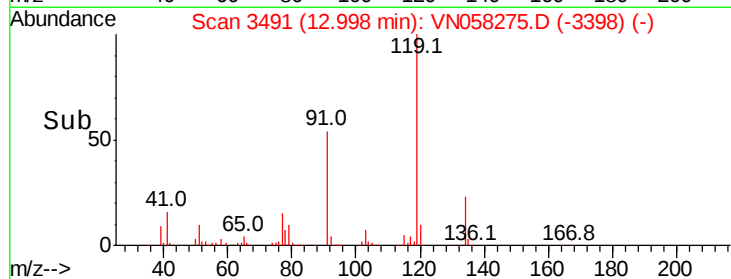
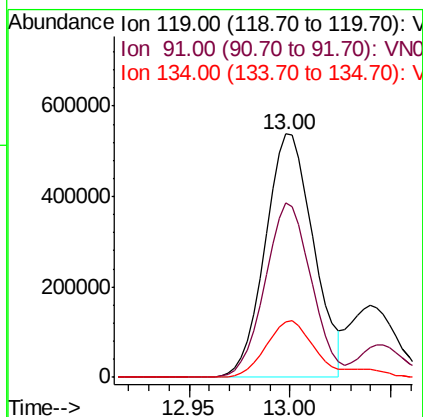
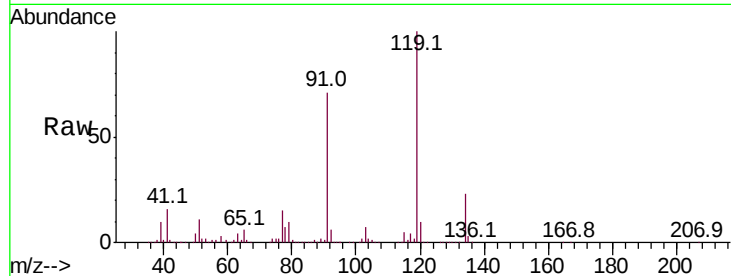




#83
tert-Butylbenzene
Concen: 51.604 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

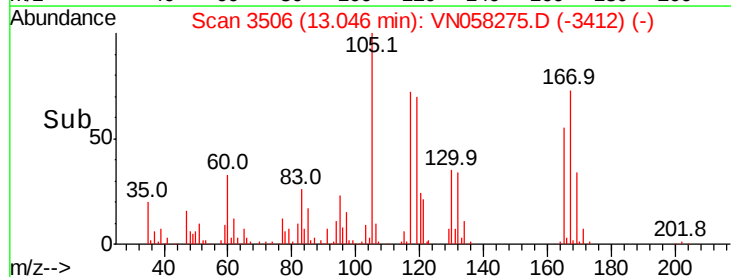
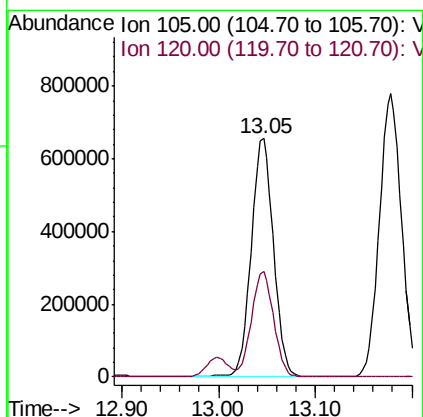
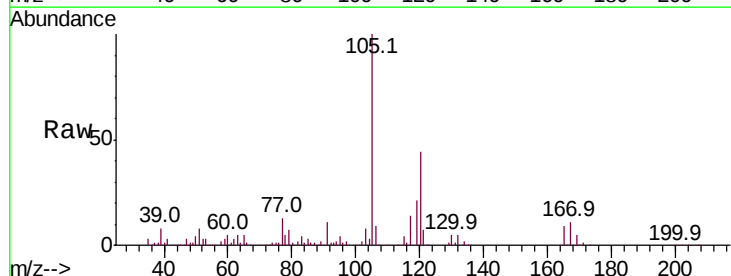
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

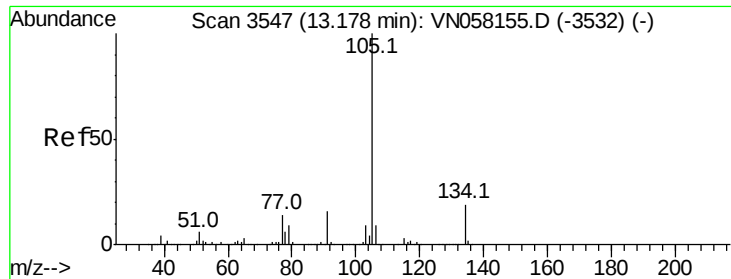
Tot Ion:119 Resp: 893636
Ion Ratio Lower Upper
119 100
91 68.9 33.8 101.3
134 23.4 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 54.238 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

Tgt Ion:105 Resp: 1048142
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.5





#85

sec-Butylbenzene

Concen: 54.409 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

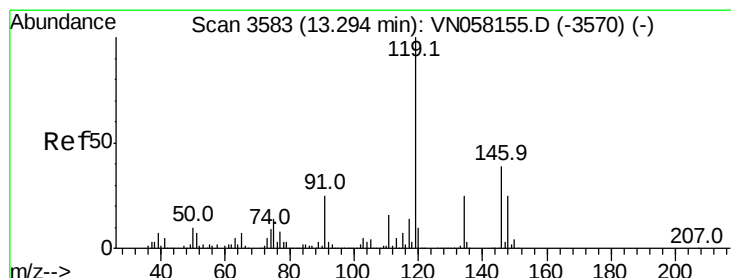
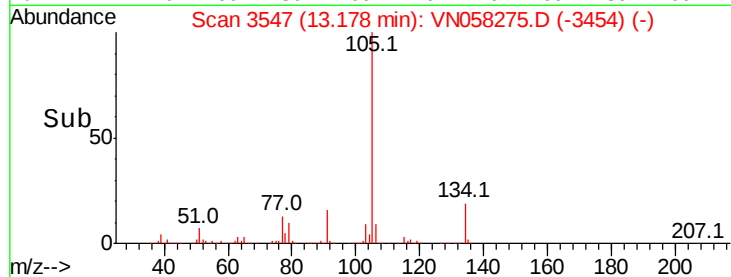
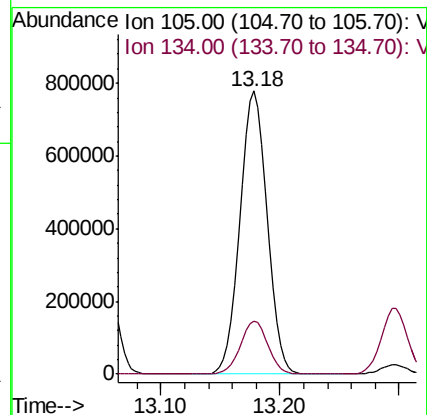
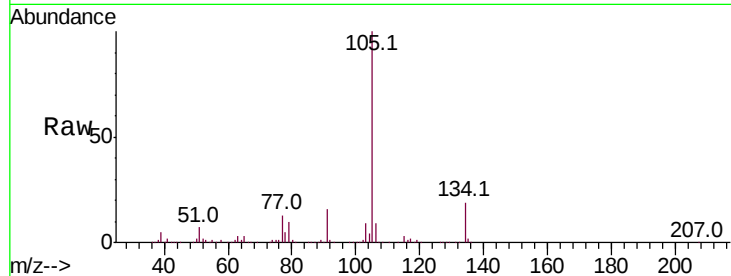
VSTDCCC050

Tot Ion:105 Resp: 1232108

Ion Ratio Lower Upper

105 100

134 18.9 9.5 28.5



#86

p-Isopropyltoluene

Concen: 54.930 ug/l

RT: 13.30 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

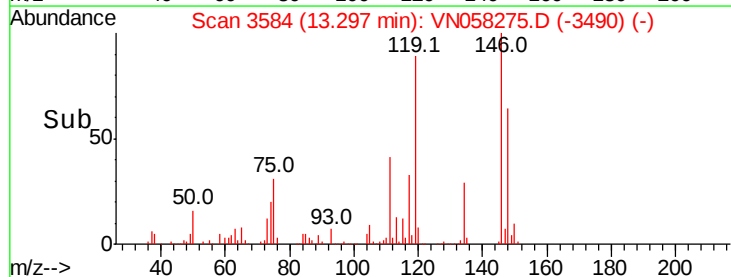
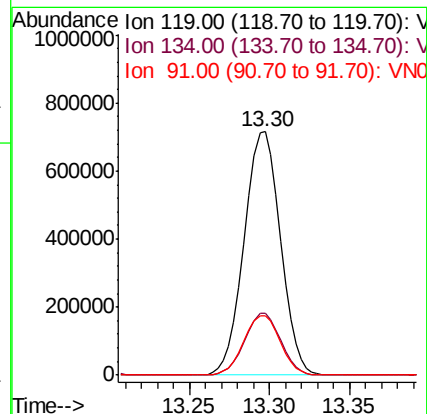
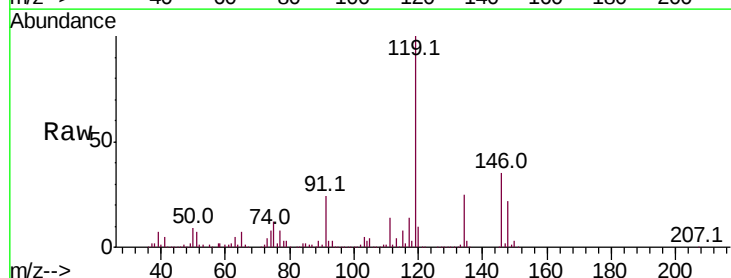
Tgt Ion:119 Resp: 1105849

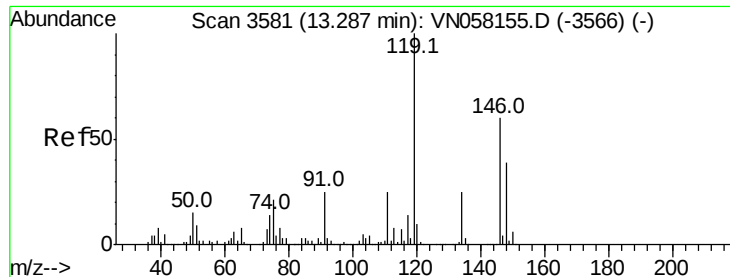
Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.0

91 24.5 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 51.568 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

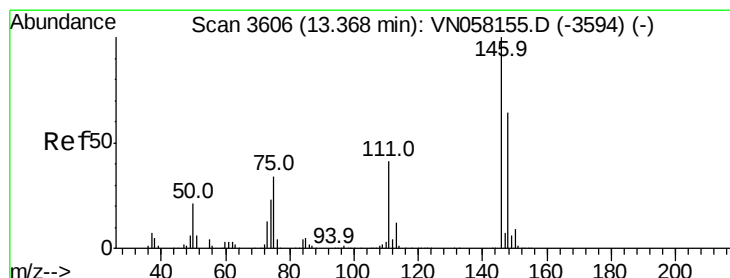
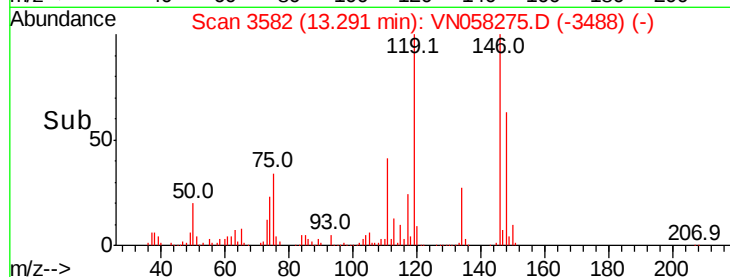
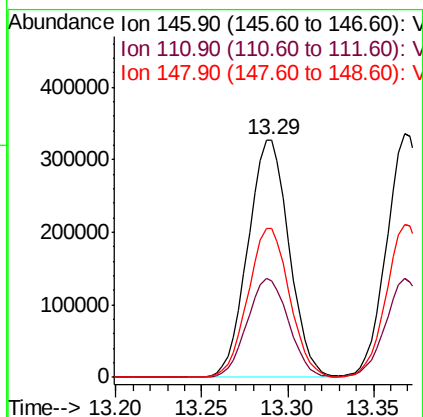
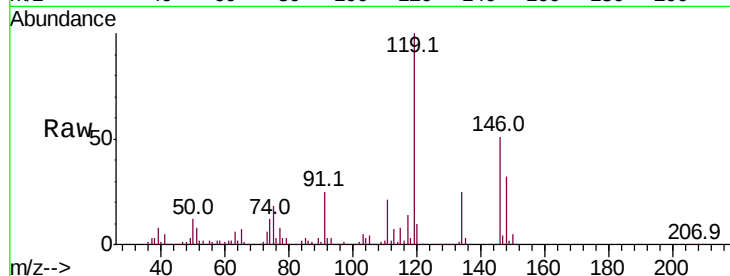
Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 544074

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.9	62.8
148	63.3	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 50.627 ug/l

RT: 13.37 min Scan# 3606

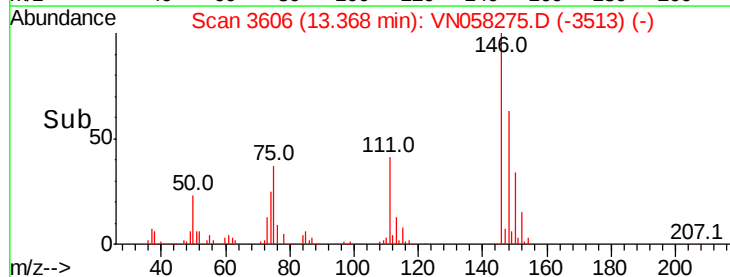
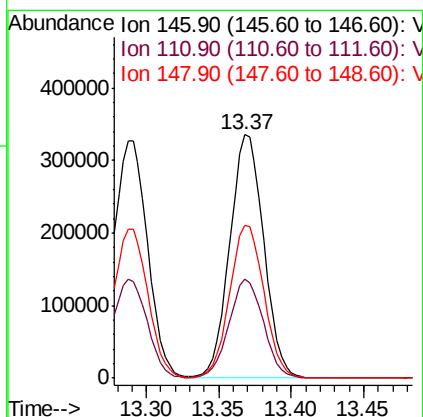
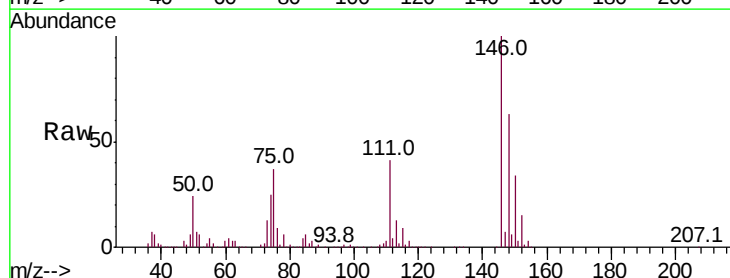
Delta R.T. 0.00 min

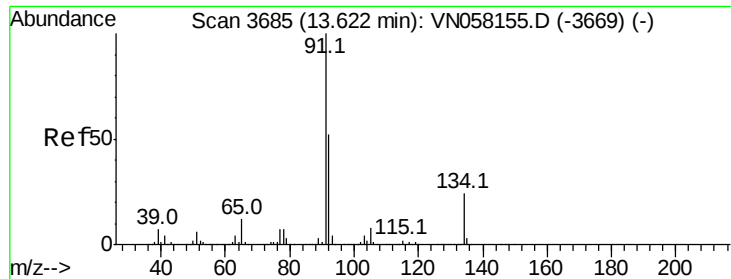
Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Tgt Ion:146 Resp: 545312

Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.5	61.5
148	63.5	31.9	95.5

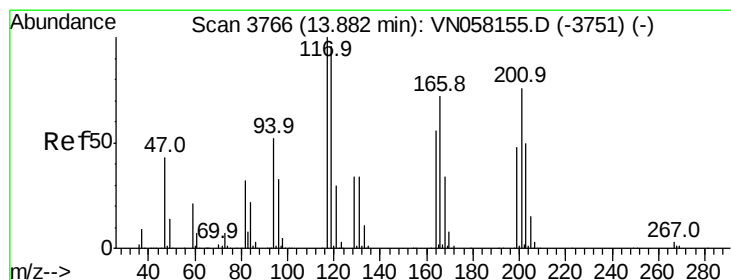
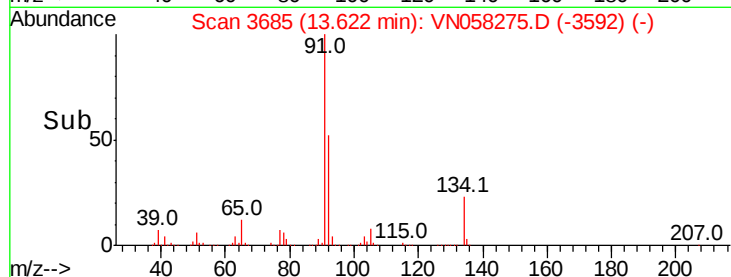
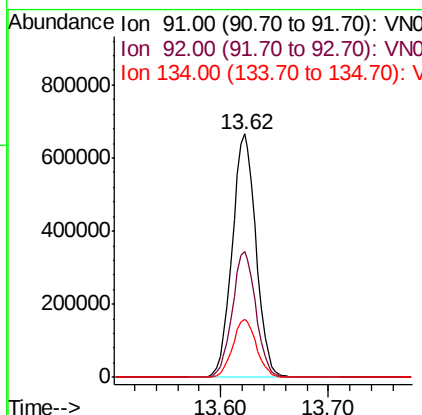
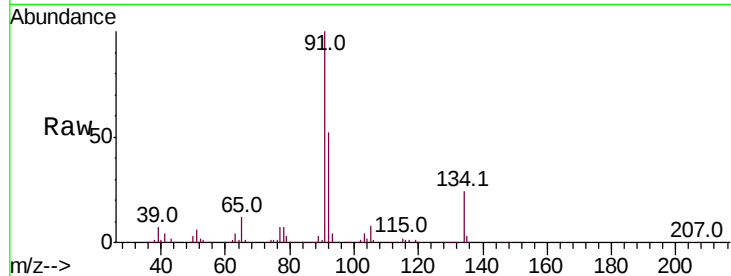




#89
n-Butylbenzene
Concen: 53.568 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

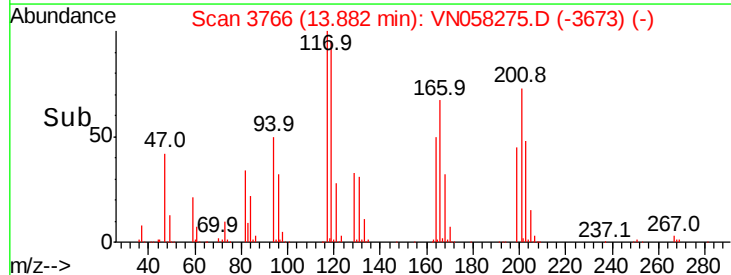
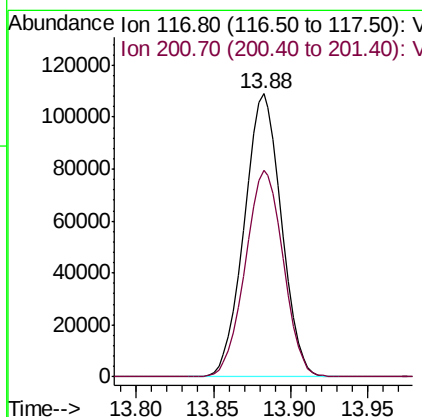
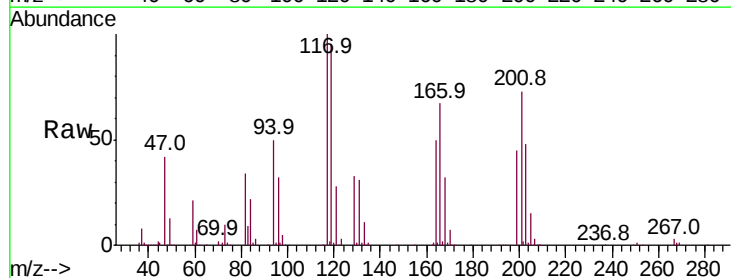
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

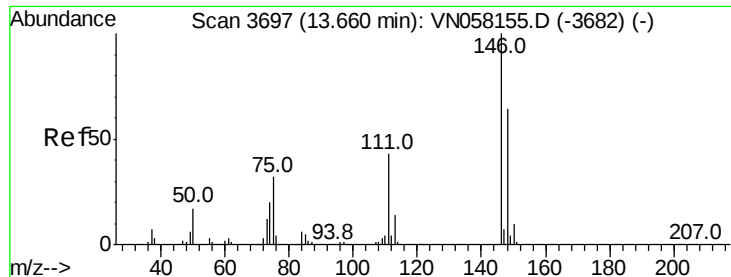
Tot Ion: 91 Resp: 1022443
Ion Ratio Lower Upper
91 100
92 51.4 25.7 77.0
134 24.0 11.8 35.4



#90
Hexachloroethane
Concen: 51.476 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN058275.D
Acq: 23 Sep 2019 8:42

Tgt Ion: 117 Resp: 182037
Ion Ratio Lower Upper
117 100
201 74.7 37.5 112.5





#91

1,2-Dichlorobenzene

Concen: 51.351 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

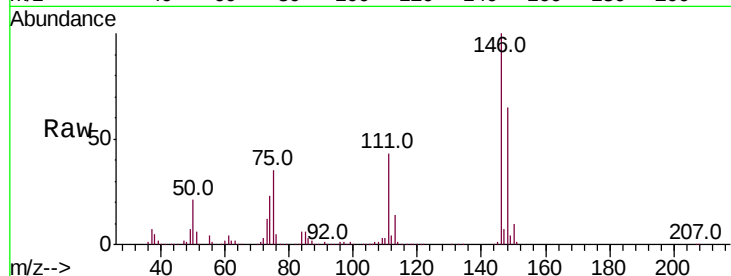
Tot Ion:146 Resp: 543463

Ion Ratio Lower Upper

146 100

111 42.8 21.1 63.1

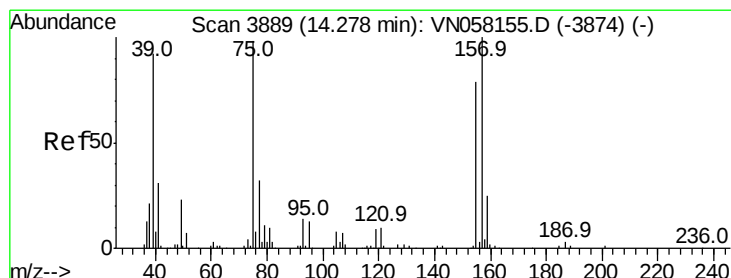
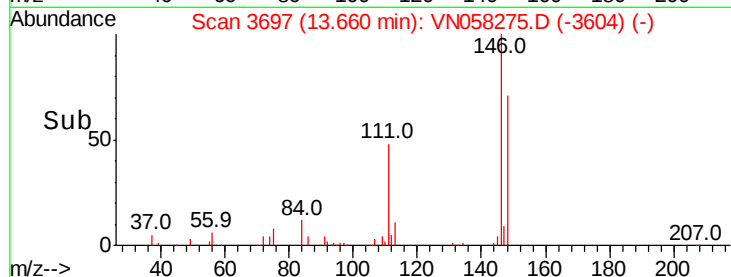
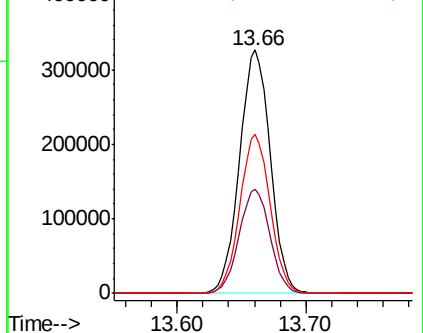
148 64.3 31.8 95.4



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: 53.925 ug/l

RT: 14.28 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

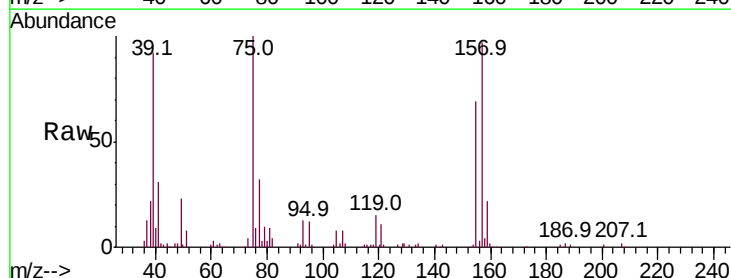
Tgt Ion: 75 Resp: 74657

Ion Ratio Lower Upper

75 100

155 73.9 38.3 114.8

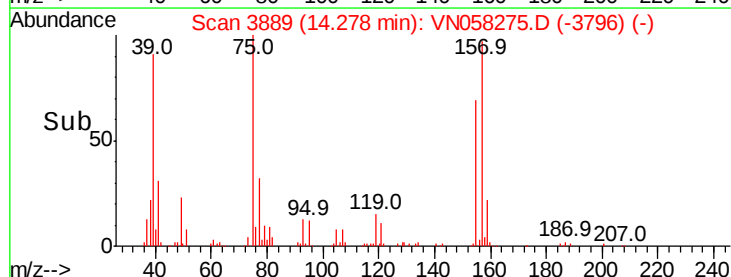
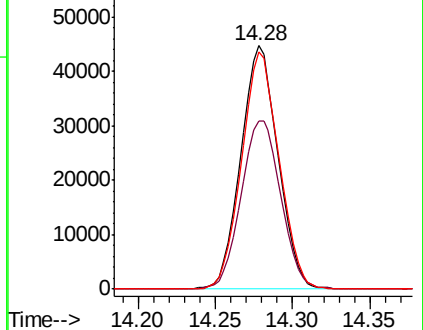
157 97.9 48.0 144.0

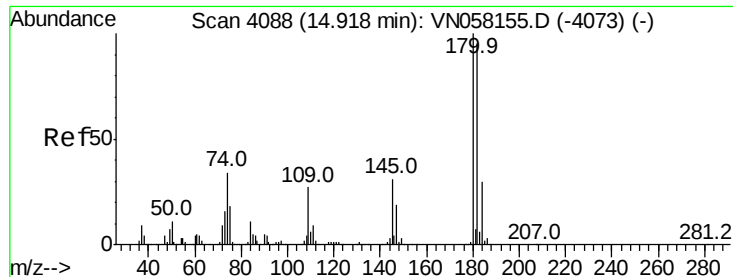


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

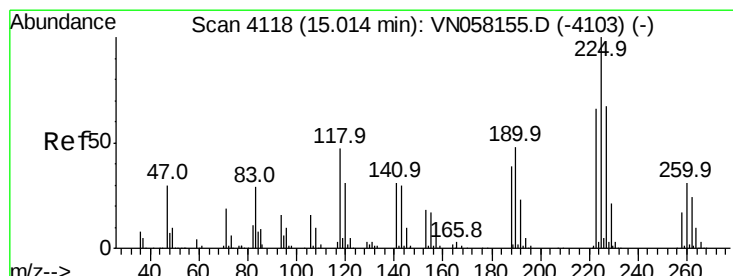
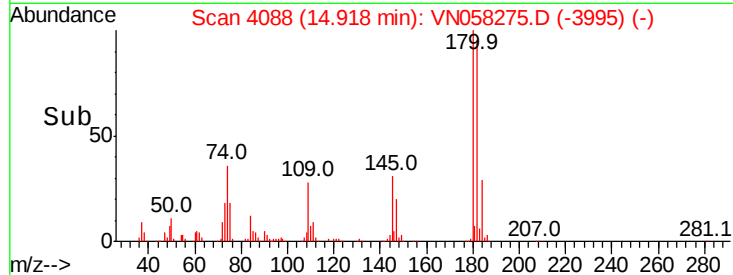
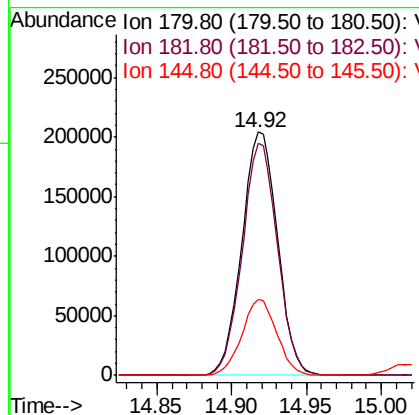
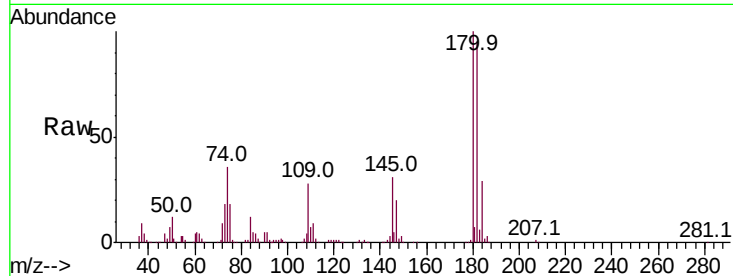




#93
 1,2,4-Trichlorobenzene
 Concen: 50.142 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN058275.D
 Acq: 23 Sep 2019 8:42

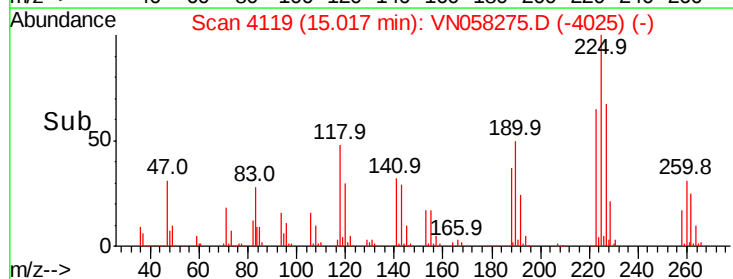
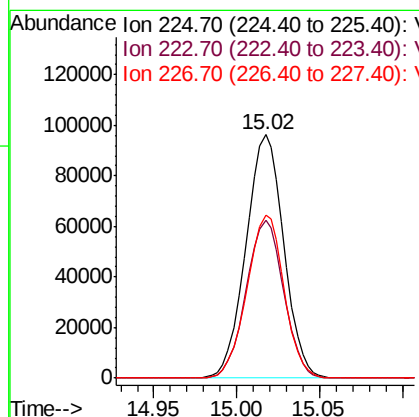
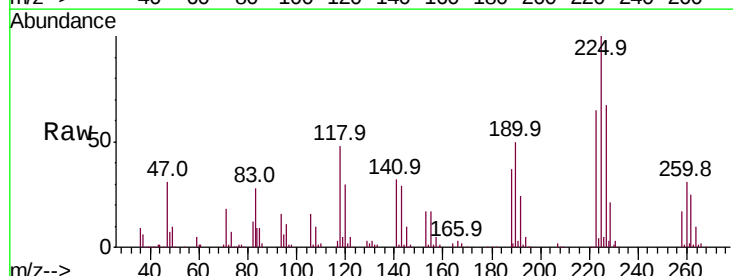
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

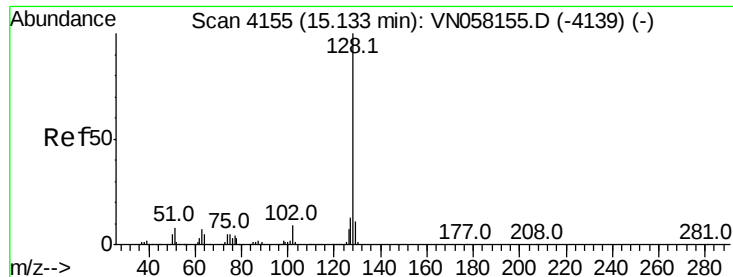
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.8	143.3
145	30.4	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 46.557 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN058275.D
 Acq: 23 Sep 2019 8:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	32.6	97.7
227	65.9	33.0	99.0





#95

Naphthalene

Concen: 51.634 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

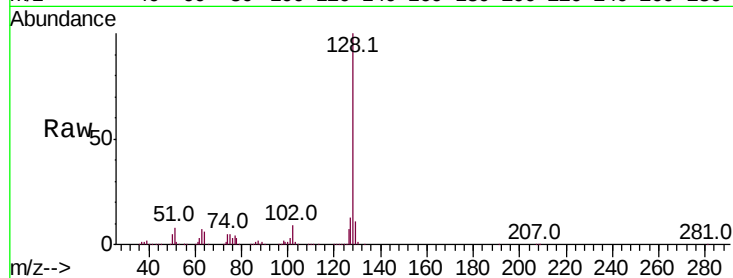
Tot Ion:128 Resp: 904845

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

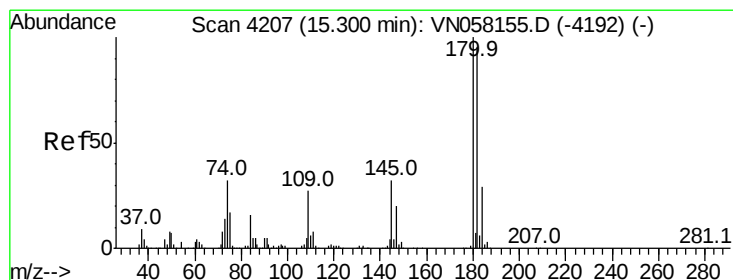
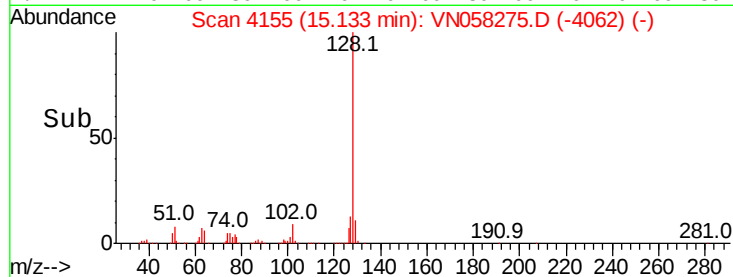
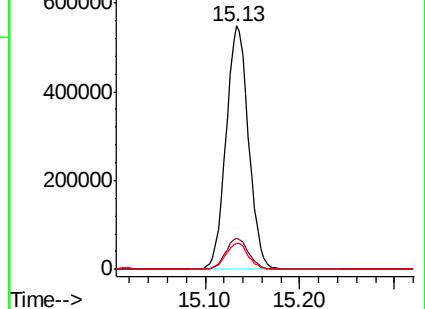
129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.428 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.00 min

Lab File: VN058275.D

Acq: 23 Sep 2019 8:42

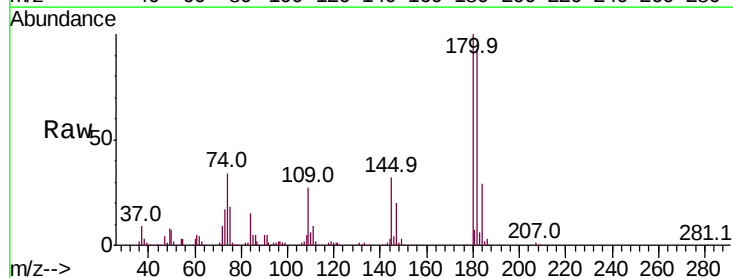
Tgt Ion:180 Resp: 315907

Ion Ratio Lower Upper

180 100

182 94.3 47.4 142.2

145 32.2 16.1 48.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

