

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012820\
 Data File : VN059895.D
 Acq On : 28 Jan 2020 14:19
 Operator : JC/MD
 Sample : VN0128WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 28 22:23:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	241248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	377933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	337394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	162076	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	127387	47.55	ug/l	0.00
Spiked Amount						
			Recovery	=	95.10%	
35) Dibromofluoromethane	7.56	113	110715	49.12	ug/l	0.00
Spiked Amount						
			Recovery	=	98.24%	
50) Toluene-d8	10.08	98	411119	47.08	ug/l	0.00
Spiked Amount						
			Recovery	=	94.16%	
62) 4-Bromofluorobenzene	12.40	95	145786	46.31	ug/l	0.00
Spiked Amount						
			Recovery	=	92.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	47746	16.435	ug/l	97
3) Chloromethane	2.04	50	43849	15.876	ug/l	99
4) Vinyl Chloride	2.17	62	57217	18.106	ug/l	97
5) Bromomethane	2.54	94	35548	18.432	ug/l	96
6) Chloroethane	2.68	64	26127	17.475	ug/l	95
7) Trichlorofluoromethane	3.00	101	69455	18.301	ug/l	100
8) Diethyl Ether	3.38	74	23963	17.992	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.74	101	40243	19.052	ug/l	92
10) Methyl Iodide	3.93	142	60058	17.590	ug/l	95
11) Tert butyl alcohol	4.73	59	40693	90.225	ug/l	99
12) 1,1-Dichloroethene	3.72	96	38739	17.552	ug/l	86
13) Acrolein	3.58	56	19547	61.225	ug/l	97
14) Allyl chloride	4.30	41	52537	17.660	ug/l #	86
15) Acrylonitrile	4.94	53	95066	92.405	ug/l	99
16) Acetone	3.78	43	90068	92.251	ug/l	96
17) Carbon Disulfide	4.03	76	95459	15.182	ug/l	99
18) Methyl Acetate	4.28	43	57181	18.272	ug/l	91
19) Methyl tert-butyl Ether	5.00	73	134021	18.624	ug/l	96
20) Methylene Chloride	4.53	84	44137	17.365	ug/l	87
21) trans-1,2-Dichloroethene	5.00	96	41241	17.578	ug/l	84
22) Diisopropyl ether	5.91	45	120880	17.930	ug/l #	93
23) Vinyl Acetate	5.86	43	469284	89.903	ug/l #	92
24) 1,1-Dichloroethane	5.82	63	73653	17.879	ug/l	96
25) 2-Butanone	6.80	43	126154	83.151	ug/l #	88
26) 2,2-Dichloropropane	6.80	77	71548	18.066	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	49554	18.363	ug/l	88
28) Bromochloromethane	7.17	49	30236	18.364	ug/l #	69
29) Tetrahydrofuran	7.18	42	81252	86.558	ug/l #	86
30) Chloroform	7.35	83	79604	18.650	ug/l	100
31) Cyclohexane	7.63	56	65183	16.444	ug/l #	84
32) 1,1,1-Trichloroethane	7.54	97	72227	18.302	ug/l	96
36) 1,1-Dichloropropene	7.77	75	56709	17.231	ug/l	96
37) Ethyl Acetate	6.89	43	53401	17.300	ug/l	97
38) Carbon Tetrachloride	7.75	117	65626	18.331	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	67549	16.645	ug/l	91
40) Benzene	8.02	78	170362	17.356	ug/l	99
41) Methacrylonitrile	7.18	41	74761	49.171	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	61207	18.392	ug/l	97
43) Isopropyl Acetate	8.14	43	91041	17.147	ug/l #	93
44) Trichloroethene	8.82	130	50569	18.872	ug/l	91
45) 1,2-Dichloropropane	9.10	63	43698	17.991	ug/l	99
46) Dibromomethane	9.19	93	31914	18.627	ug/l	92
47) Bromodichloromethane	9.39	83	61711	17.874	ug/l	99
48) Methyl methacrylate	9.18	41	38959	16.404	ug/l	88
49) 1,4-Dioxane	9.18	88	16607	381.979	ug/l	87
51) 4-Methyl-2-Pentanone	9.97	43	266793	86.924	ug/l	95
52) Toluene	10.14	92	110486	17.821	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	68587	17.791	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	73567	18.136	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	44804	18.246	ug/l	98
56) Ethyl methacrylate	10.42	69	64771	17.263	ug/l	89
57) 1,3-Dichloropropane	10.70	76	72916	18.704	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	96658	85.528	ug/l #	89
59) 2-Hexanone	10.74	43	193999	85.797	ug/l	94
60) Dibromochloromethane	10.89	129	52144	18.648	ug/l	99
61) 1,2-Dibromoethane	10.99	107	47376	18.408	ug/l	99
64) Tetrachloroethene	10.62	164	51380	18.685	ug/l	95
65) Chlorobenzene	11.43	112	122379	18.454	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	48084	18.765	ug/l	98
67) Ethyl Benzene	11.50	91	216342	17.971	ug/l	96
68) m/p-Xylenes	11.61	106	163293	35.909	ug/l	95
69) o-Xylene	11.94	106	80534	18.090	ug/l	94
70) Styrene	11.96	104	129226	17.347	ug/l	96
71) Bromoform	12.12	173	38333	18.676	ug/l #	98
73) Isopropylbenzene	12.24	105	214648	18.058	ug/l	98
74) N-amyl acetate	12.06	43	75418	16.351	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	61109	17.734	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	83934	30.772	ug/l #	100
77) Bromobenzene	12.52	156	74226	24.659	ug/l	54
78) n-propylbenzene	12.59	91	239066	17.919	ug/l	98
79) 2-Chlorotoluene	12.67	91	143141	18.035	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	180193	18.025	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	22116	17.413	ug/l	96
82) 4-Chlorotoluene	12.77	91	142182	17.860	ug/l	95
83) tert-Butylbenzene	12.99	119	157103	18.171	ug/l	94
84) 1,2,4-Trimethylbenzene	13.03	105	178858	18.085	ug/l	99
85) sec-Butylbenzene	13.17	105	202054	17.788	ug/l	98
86) p-Isopropyltoluene	13.28	119	185028	17.604	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	96090	18.377	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	93108	17.850	ug/l	97
89) n-Butylbenzene	13.61	91	158718	17.710	ug/l	98
90) Hexachloroethane	13.87	117	34638	17.614	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	94509	18.283	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12918	16.047	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	57009	18.354	ug/l	98
94) Hexachlorobutadiene	15.01	225	31462	18.381	ug/l	99
95) Naphthalene	15.13	128	189548	21.455	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	55470	18.347	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

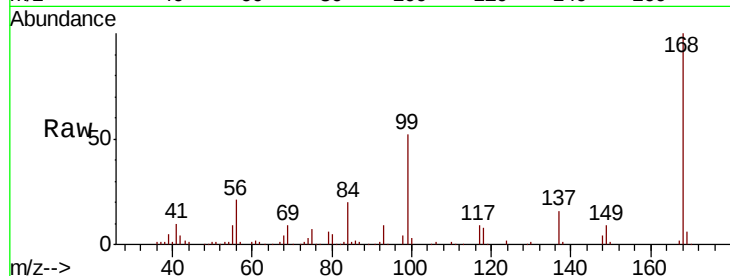
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 241248

Ion Ratio Lower Upper

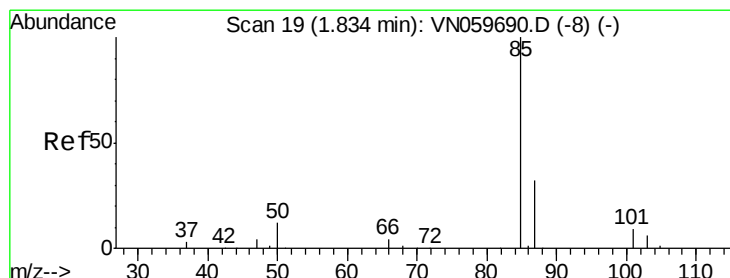
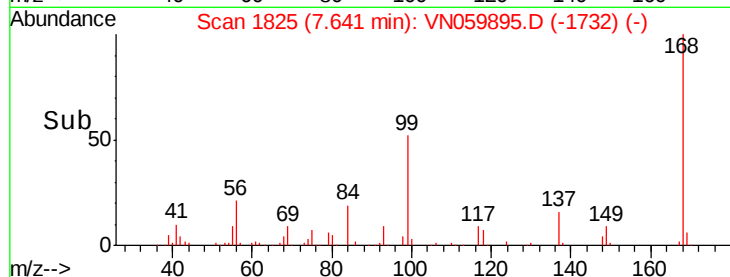
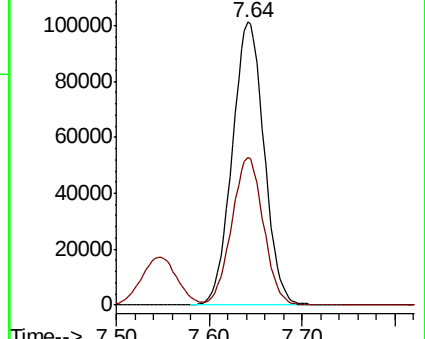
168 100

99 52.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 16.435 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059895.D

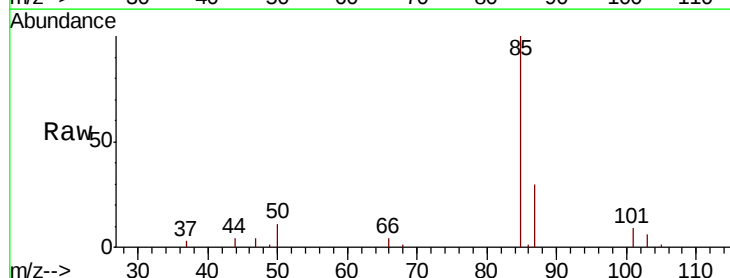
Acq: 28 Jan 2020 14:19

Tgt Ion: 85 Resp: 47746

Ion Ratio Lower Upper

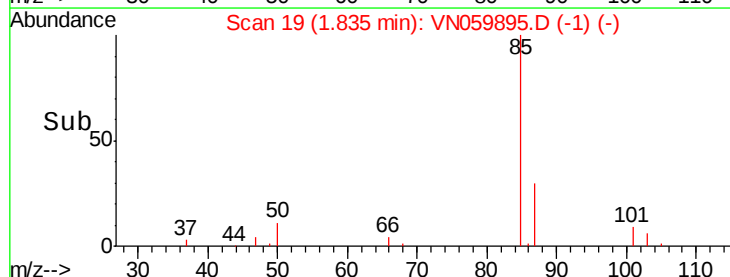
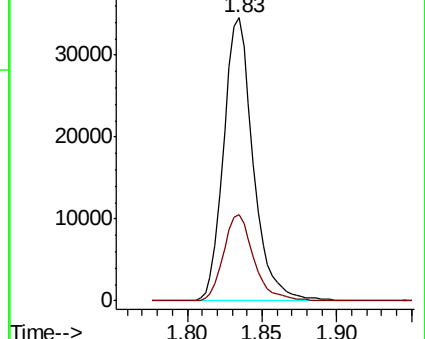
85 100

87 30.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 15.876 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

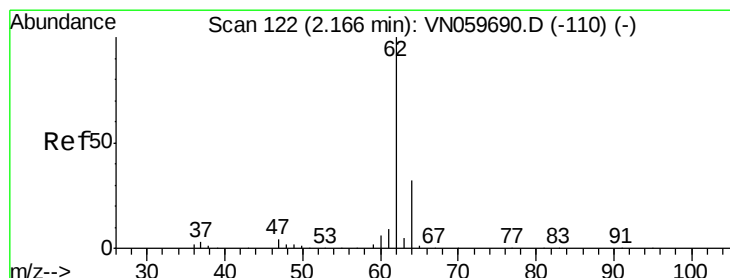
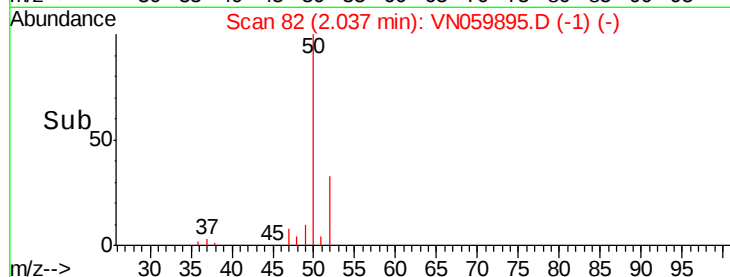
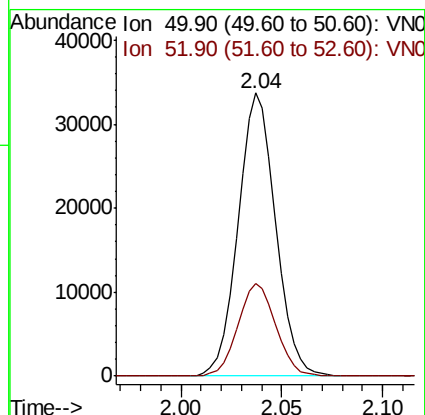
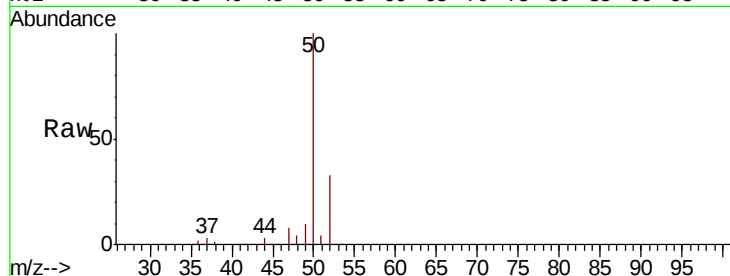
ClientSampleId :

Tot Ion: 50 Resp: 43849

Ion Ratio Lower Upper

50 100

52 32.7 25.9 38.9



#4

Vinyl Chloride

Concen: 18.106 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059895.D

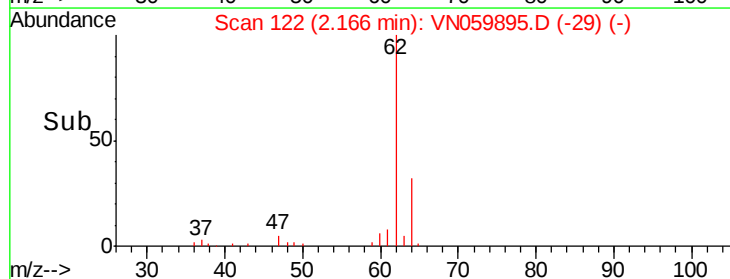
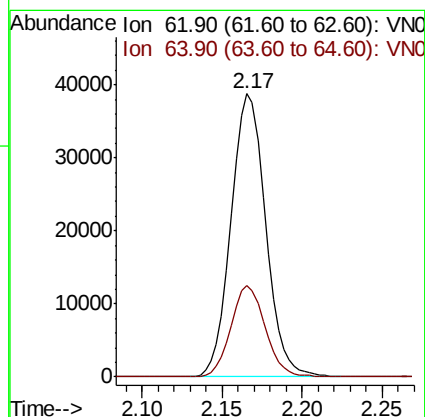
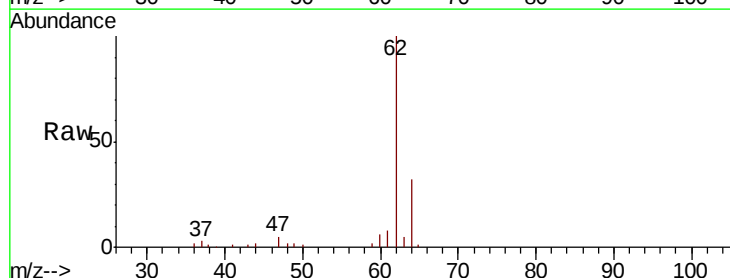
Acq: 28 Jan 2020 14:19

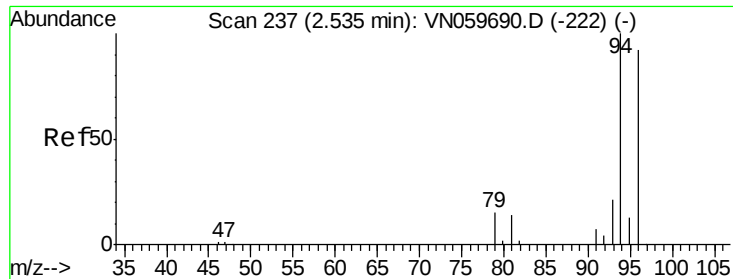
Tgt Ion: 62 Resp: 57217

Ion Ratio Lower Upper

62 100

64 32.2 24.6 37.0

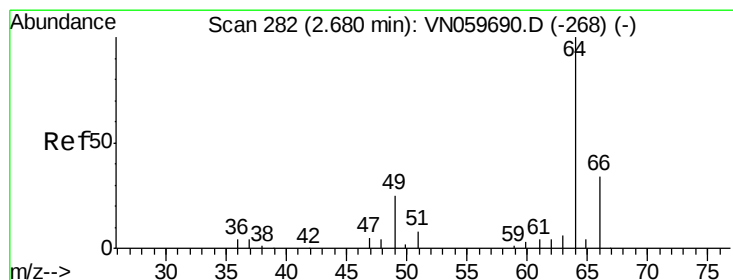
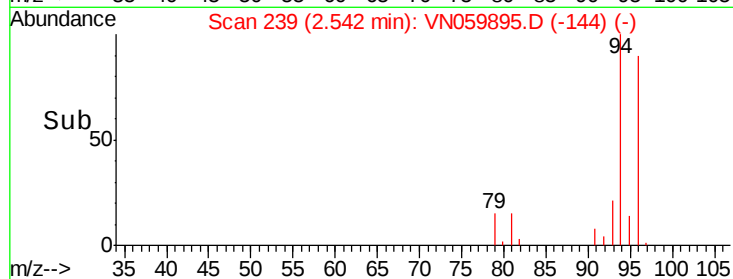
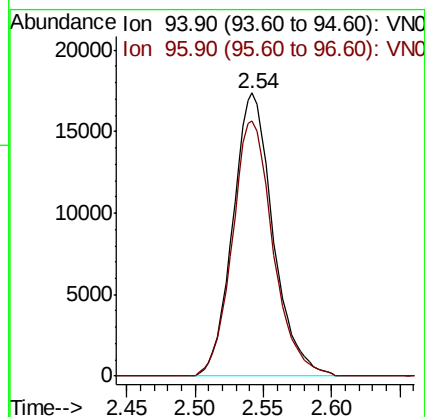
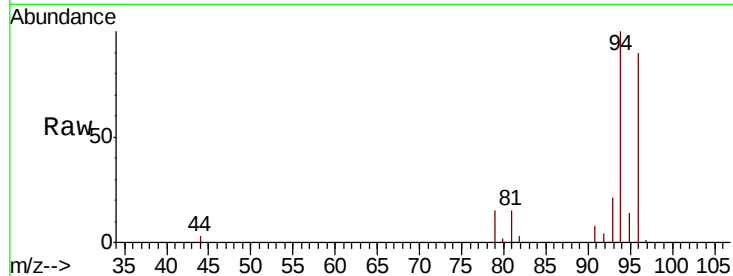




#5
Bromomethane
Concen: 18.432 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

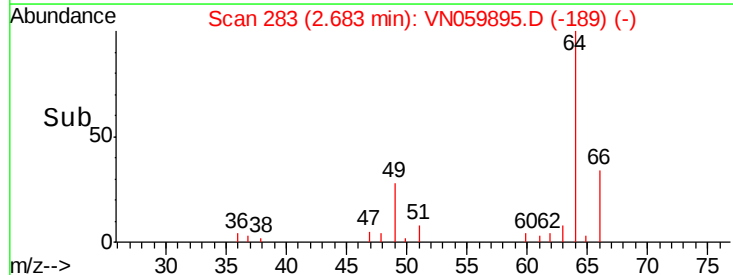
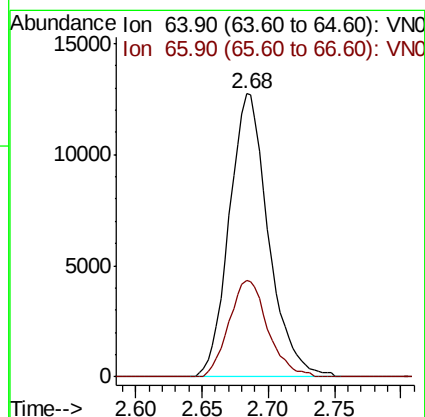
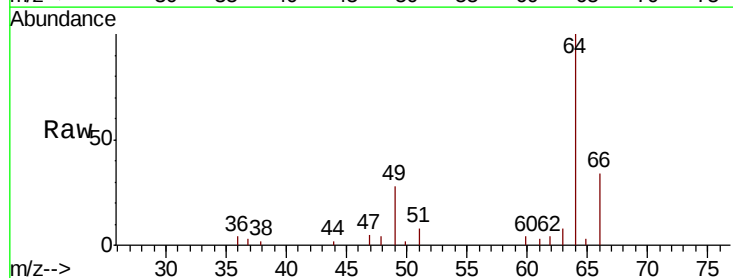
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 35548
Ion Ratio Lower Upper
94 100
96 90.0 74.7 112.1



#6
Chloroethane
Concen: 17.475 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion: 64 Resp: 26127
Ion Ratio Lower Upper
64 100
66 34.1 25.1 37.7



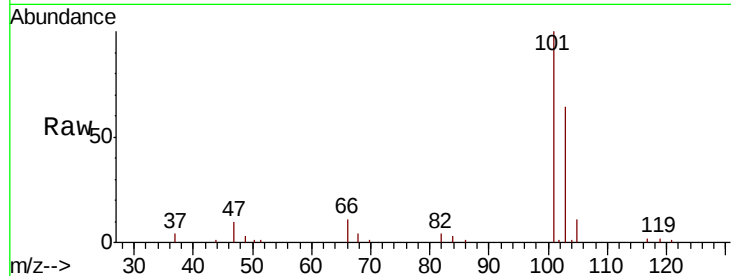


#7

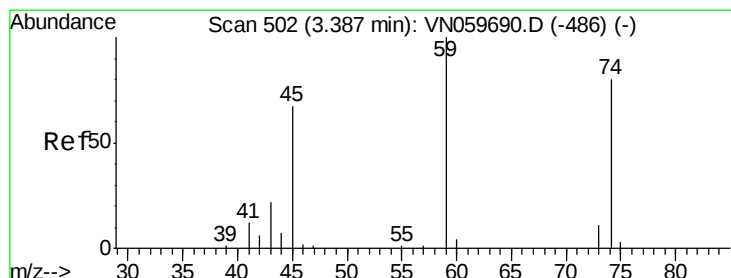
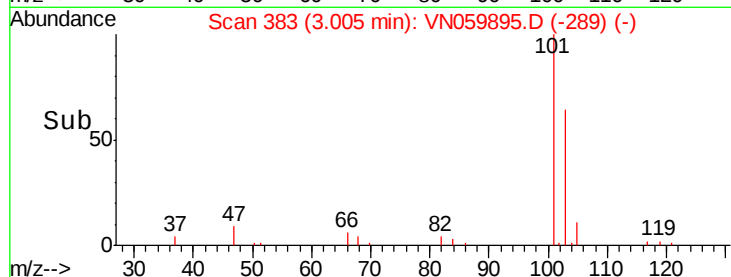
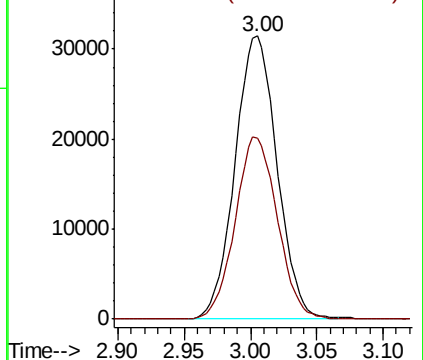
Trichlorofluoromethane
Concen: 18.301 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:101 Resp: 69455
Ion Ratio Lower Upper
101 100
103 64.1 51.0 76.6



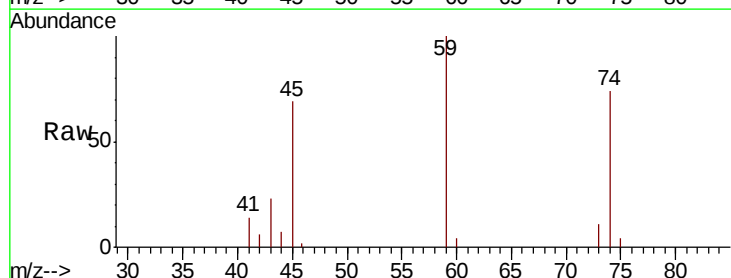
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



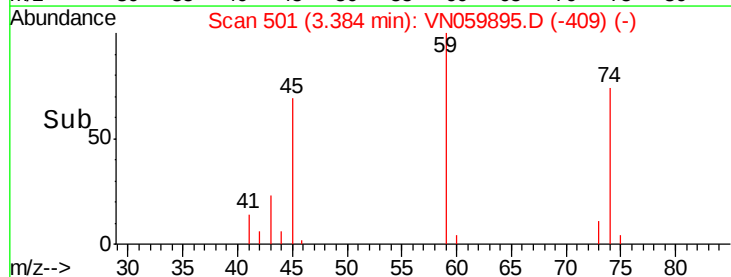
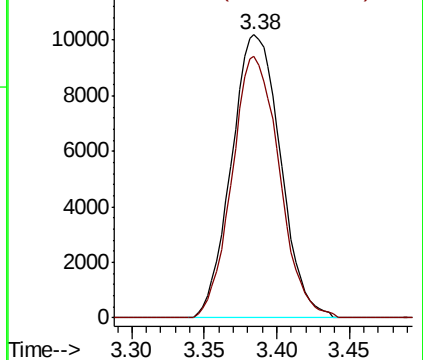
#8

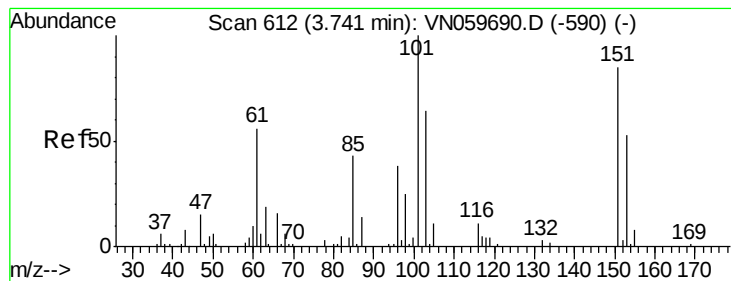
Diethyl Ether
Concen: 17.992 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion: 74 Resp: 23963
Ion Ratio Lower Upper
74 100
45 89.2 51.9 155.8



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.052 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

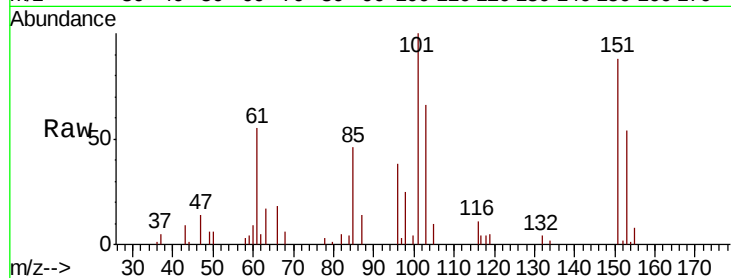
Tot Ion:101 Resp: 40243

Ion Ratio Lower Upper

101 100

85 43.6 36.6 54.8

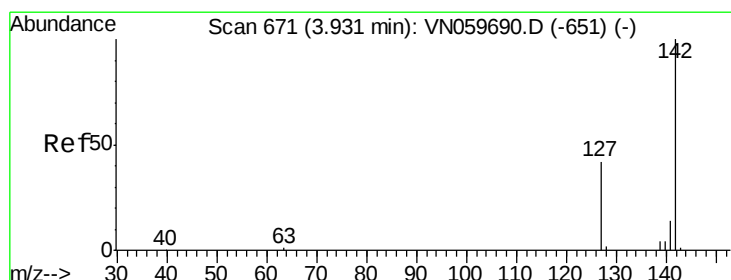
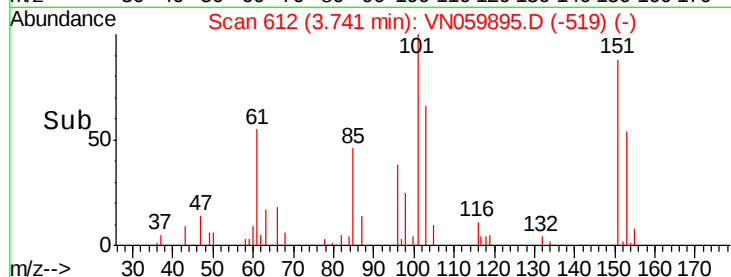
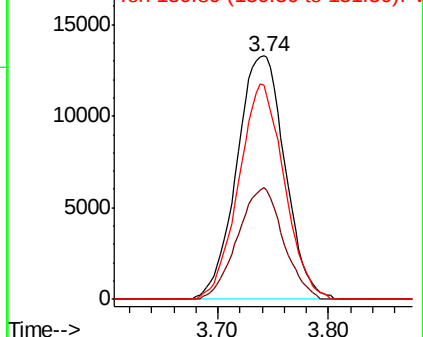
151 83.3 59.7 89.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.590 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

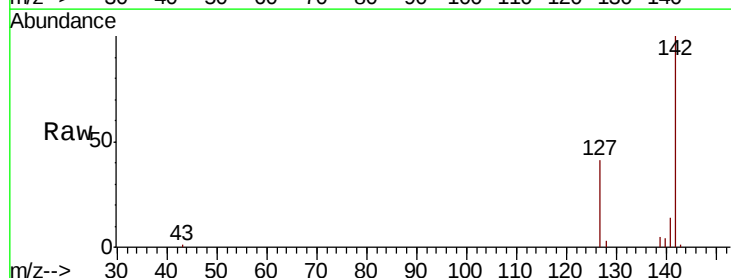
Tgt Ion:142 Resp: 60058

Ion Ratio Lower Upper

142 100

127 41.7 36.7 55.1

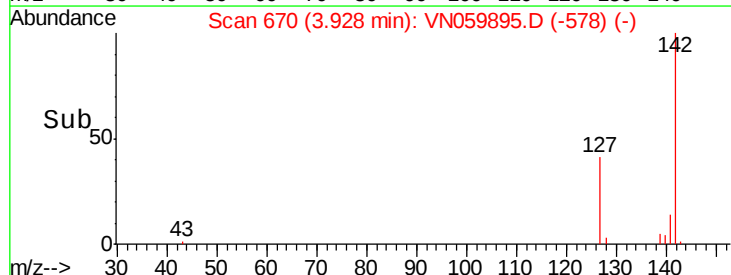
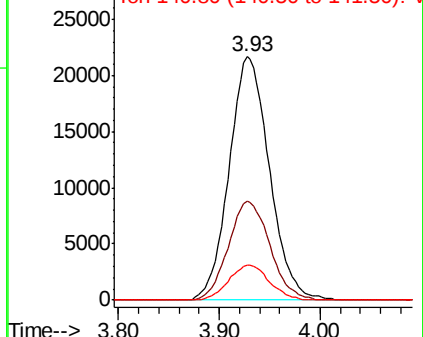
141 14.4 11.7 17.5



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

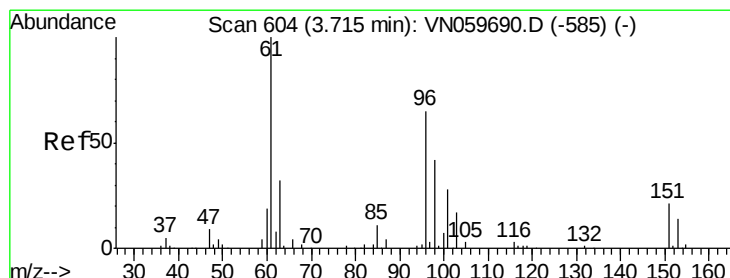
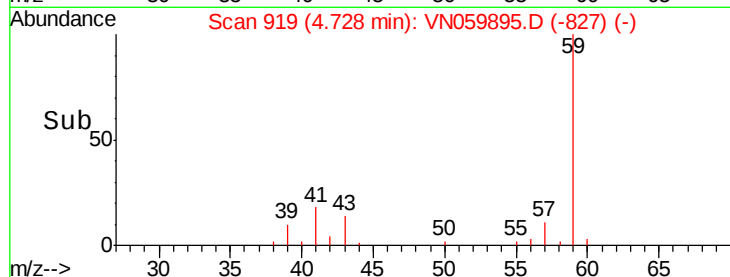
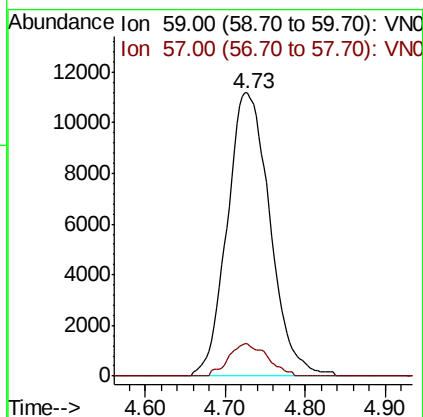
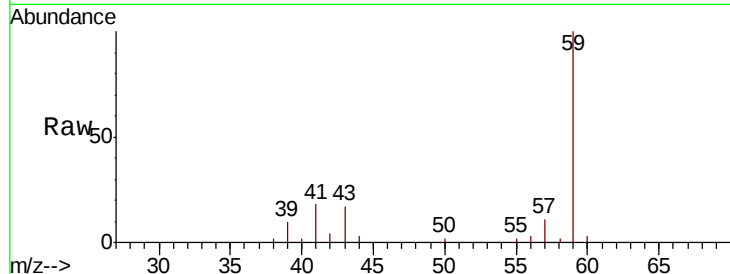




#11
Tert butyl alcohol
Concen: 90.225 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

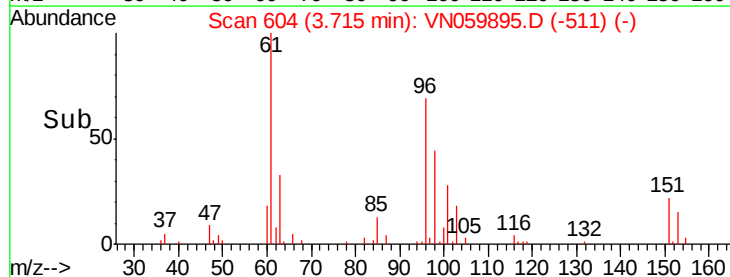
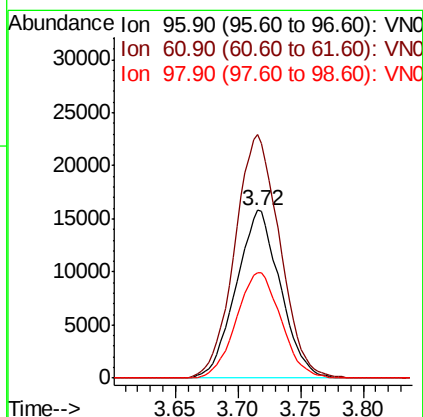
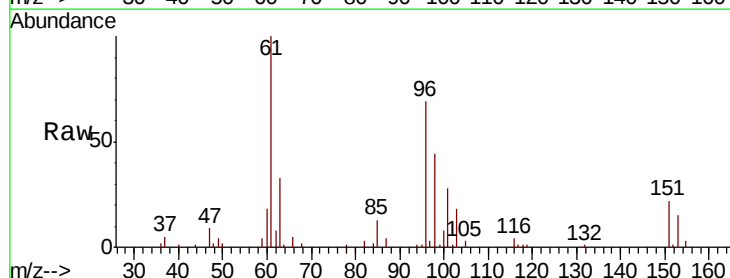
Instrument :
MSVOA_N
ClientSampled :

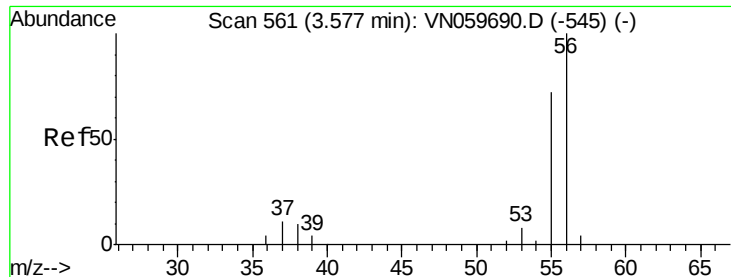
Tot Ion: 59 Resp: 40693
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 17.552 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion: 96 Resp: 38739
Ion Ratio Lower Upper
96 100
61 144.9 137.5 206.3
98 63.1 50.2 75.4





#13

Acrolein

Concen: 61.225 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

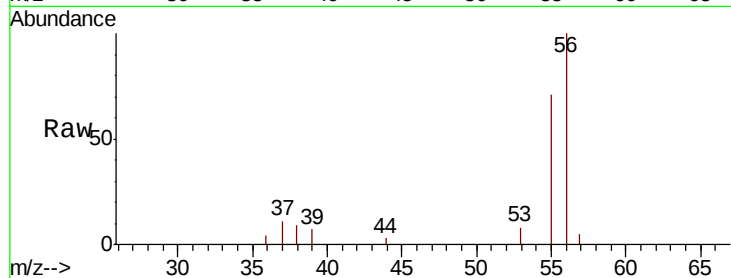
ClientSampleId :

Tot Ion: 56 Resp: 19547

Ion Ratio Lower Upper

56 100

55 71.0 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN059690.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN059690.D (-545) (-)

3.58

8000

6000

4000

2000

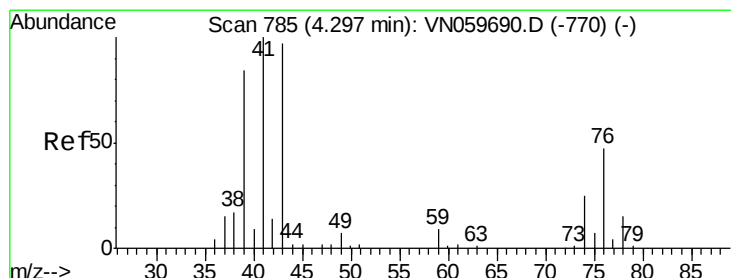
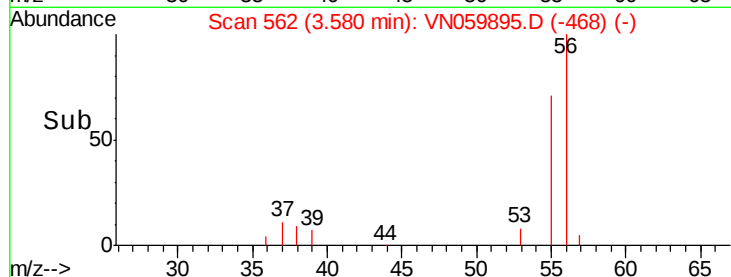
0

3.50

3.60

3.70

Time-->



#14

Allyl chloride

Concen: 17.660 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

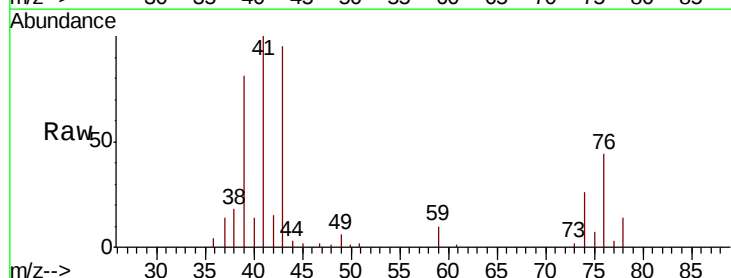
Tgt Ion: 41 Resp: 52537

Ion Ratio Lower Upper

41 100

39 81.8 57.8 86.8

76 43.4 25.4 38.0#



Abundance Ion 41.00 (40.70 to 41.70): VN059690.D (-770) (-)

Ion 39.00 (38.70 to 39.70): VN059690.D (-770) (-)

Ion 75.90 (75.60 to 76.60): VN059690.D (-770) (-)

4.30

25000

20000

15000

10000

5000

0

4.20

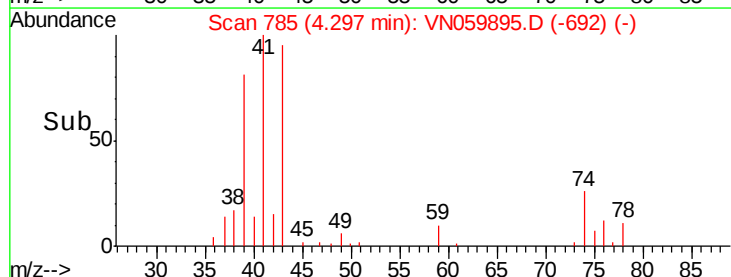
4.25

4.30

4.35

4.40

Time-->





#15

Acrylonitrile

Concen: 92.405 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

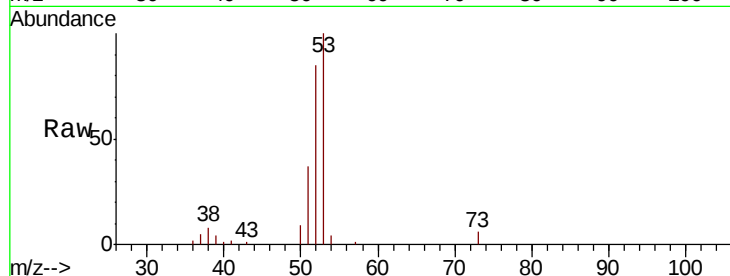
Tot Ion: 53 Resp: 95066

Ion Ratio Lower Upper

53 100

52 82.4 66.3 99.5

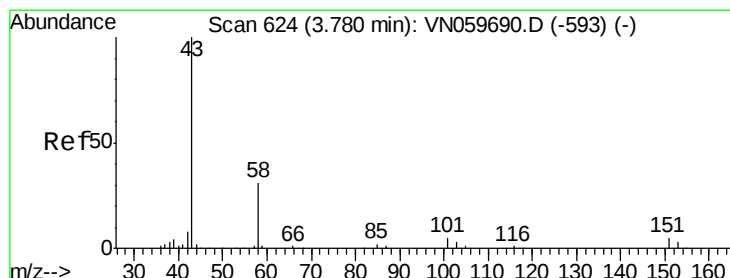
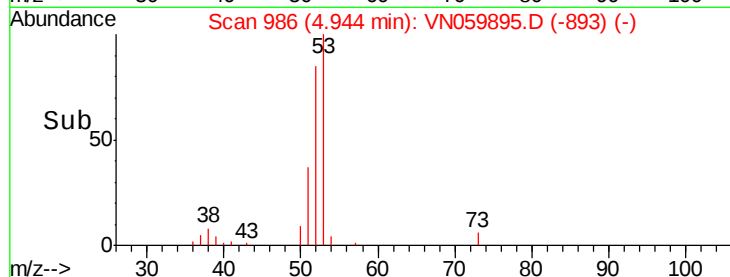
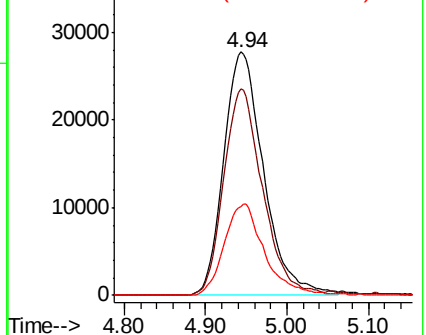
51 37.6 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN059895.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN059895.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN059895.D (-964) (-)



#16

Acetone

Concen: 92.251 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN059895.D

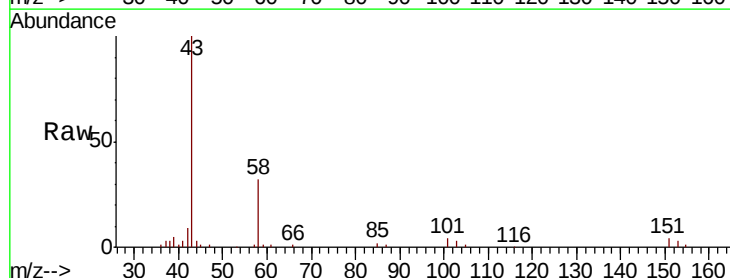
Acq: 28 Jan 2020 14:19

Tgt Ion: 43 Resp: 90068

Ion Ratio Lower Upper

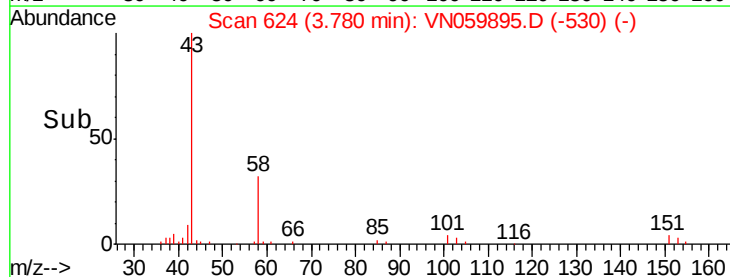
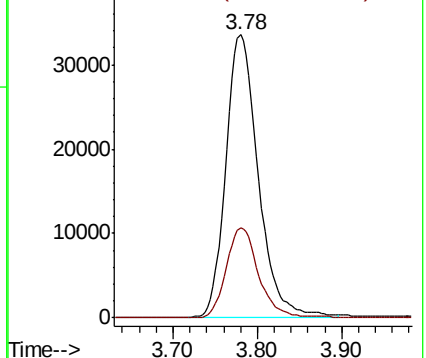
43 100

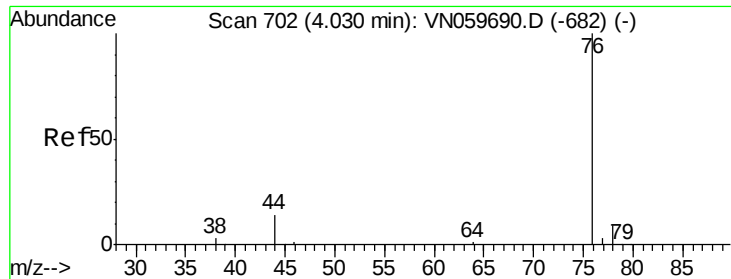
58 31.8 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059895.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN059895.D (-593) (-)

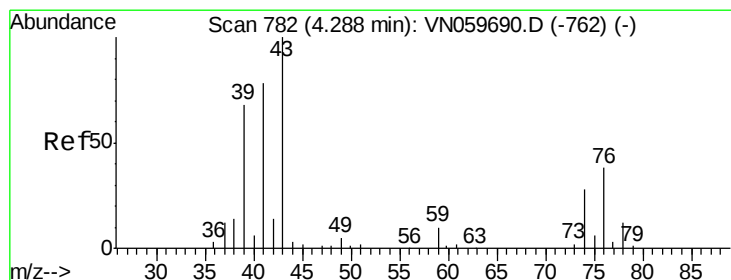
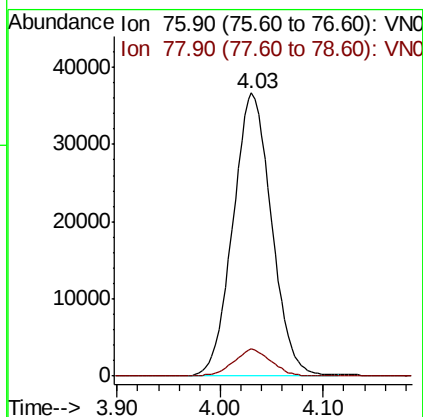
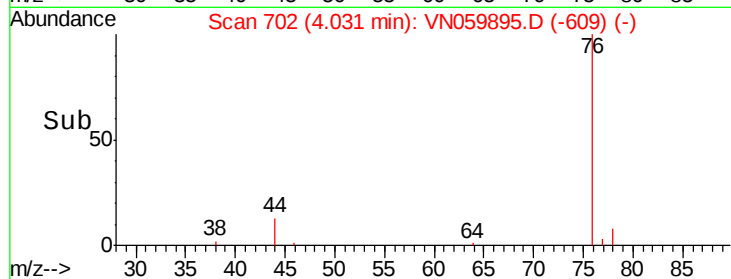
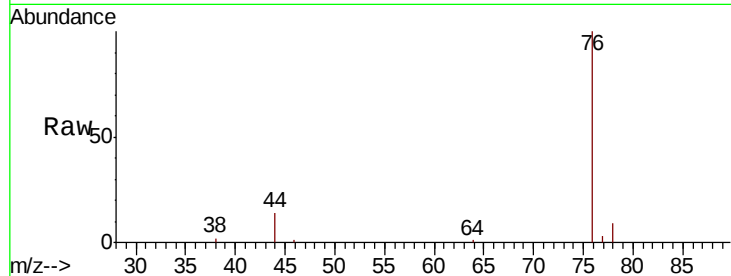




#17
Carbon Disulfide
Concen: 15.182 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

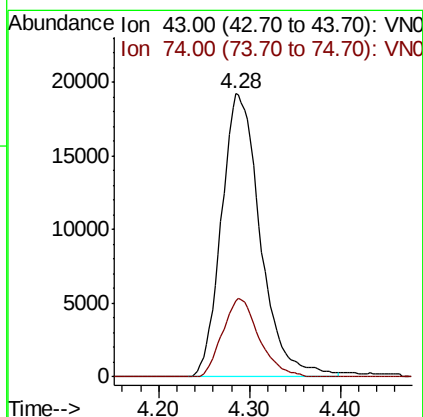
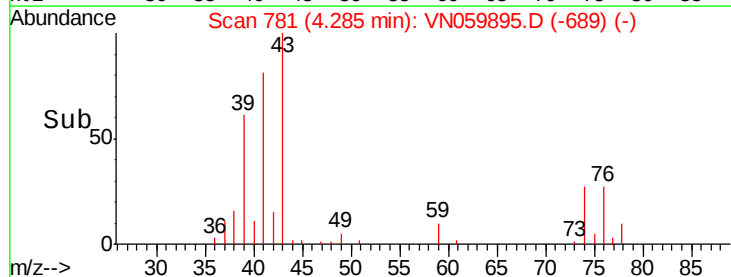
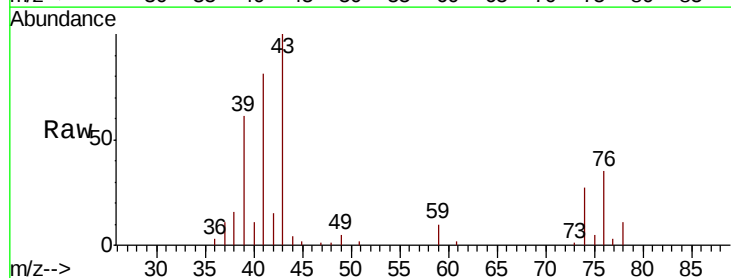
Instrument :
MSVOA_N
ClientSampled :

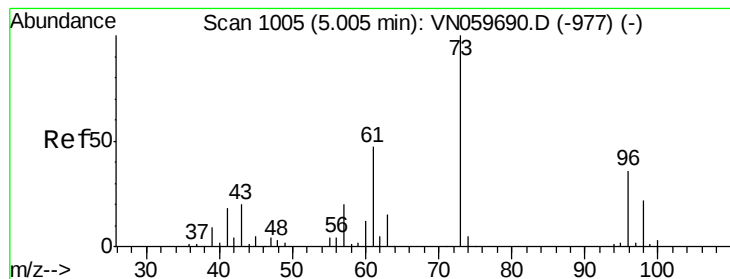
Tot Ion: 76 Resp: 95459
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 18.272 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion: 43 Resp: 57181
Ion Ratio Lower Upper
43 100
74 26.1 17.5 26.3



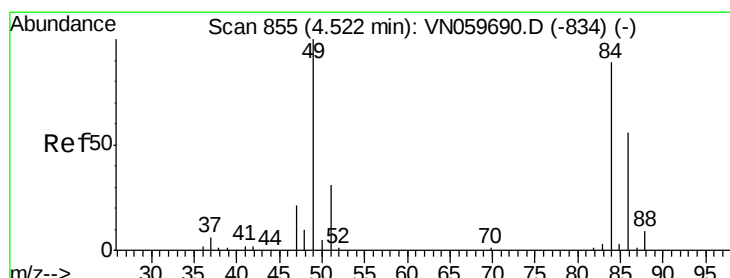
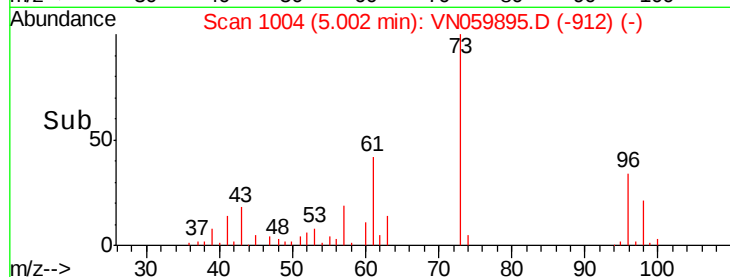
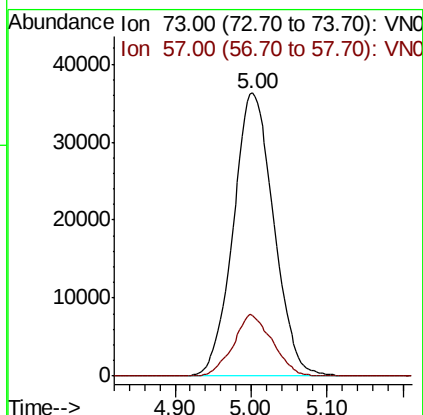
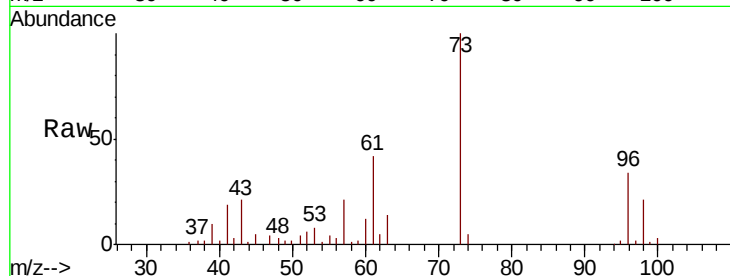


#19

Methyl tert-butyl Ether
 Concen: 18.624 ug/l
 RT: 5.00 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Instrument :
 MSVOA_N
 ClientSampled :

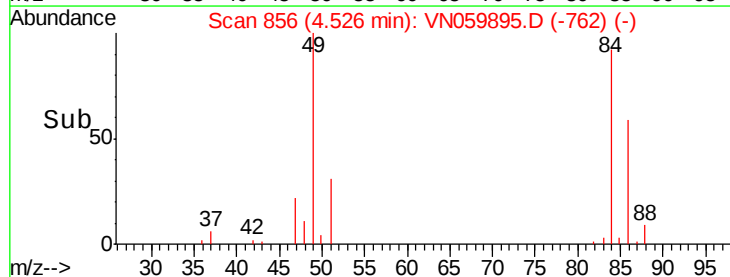
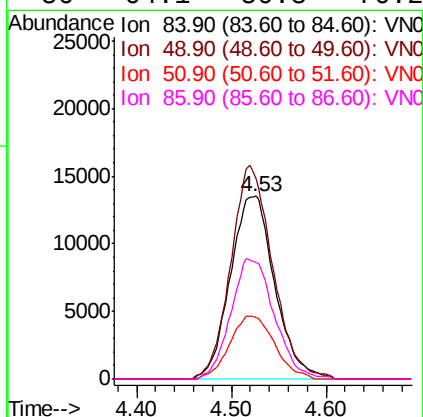
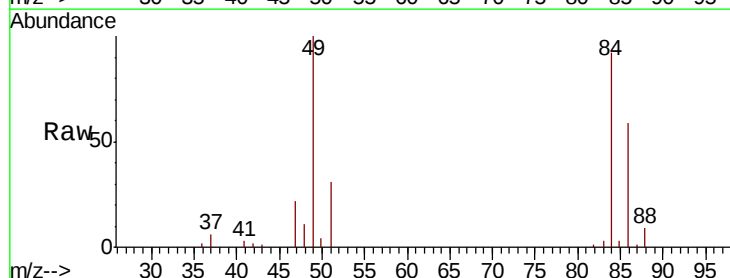
Tot Ion: 73 Resp: 134021
 Ion Ratio Lower Upper
 73 100
 57 21.5 18.6 27.8

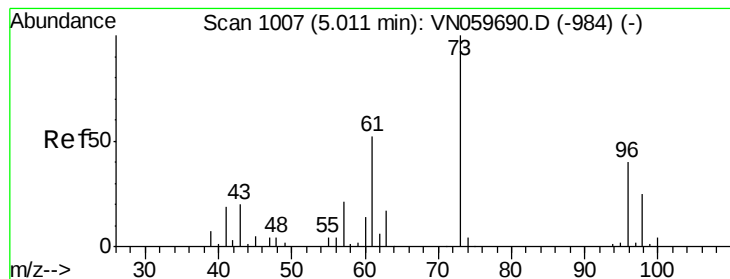


#20

Methylene Chloride
 Concen: 17.365 ug/l
 RT: 4.53 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Tgt Ion: 84 Resp: 44137
 Ion Ratio Lower Upper
 84 100
 49 109.2 106.6 160.0
 51 34.0 31.9 47.9
 86 64.1 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 17.578 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :

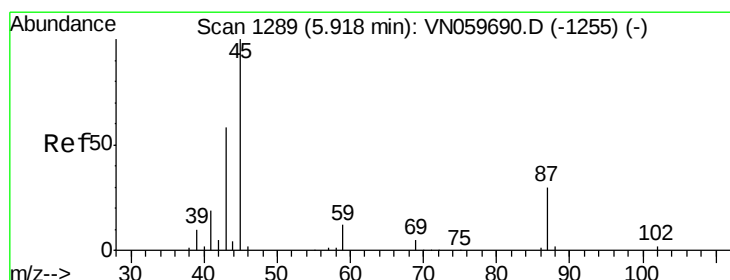
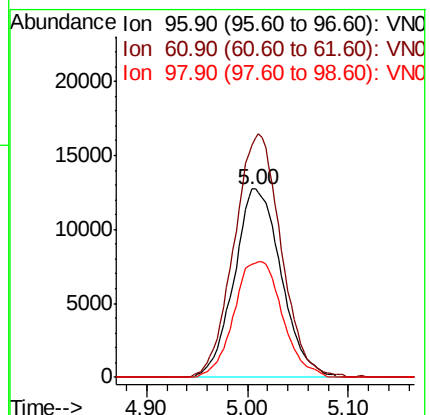
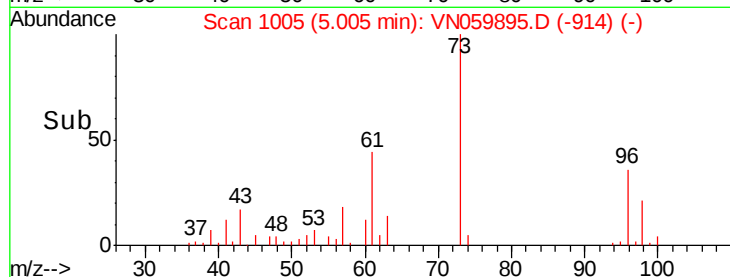
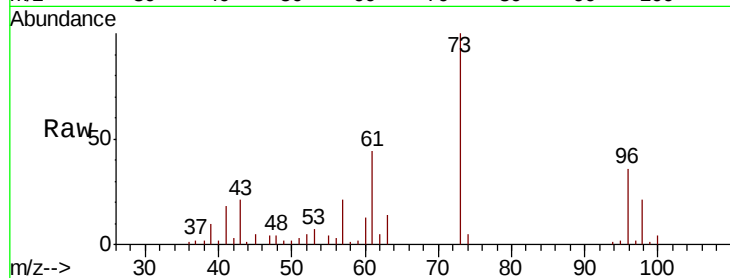
Tot Ion: 96 Resp: 41241

Ion Ratio Lower Upper

96 100

61 123.0 120.4 180.6

98 59.9 50.6 75.8



#22

Diisopropyl ether

Concen: 17.930 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Tgt Ion: 45 Resp: 120880

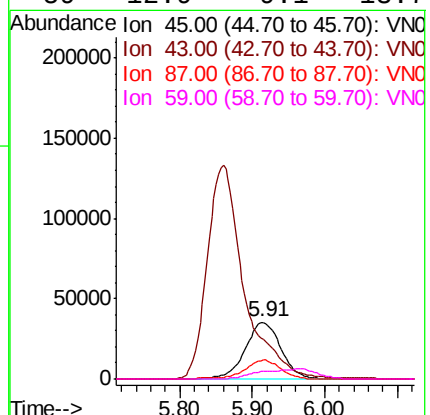
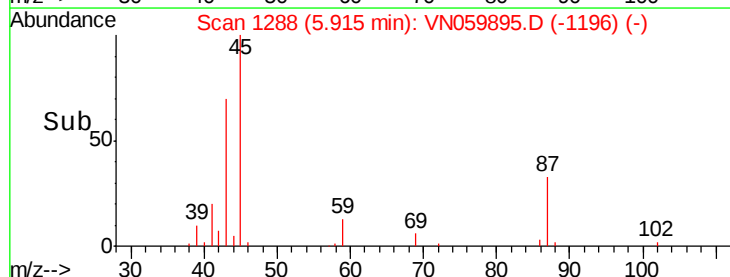
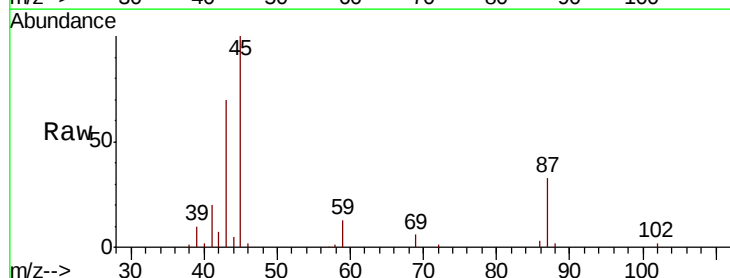
Ion Ratio Lower Upper

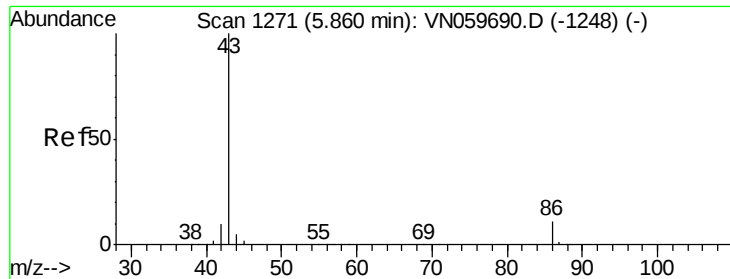
45 100

43 67.8 50.8 76.2

87 33.1 21.0 31.6#

59 12.9 9.1 13.7

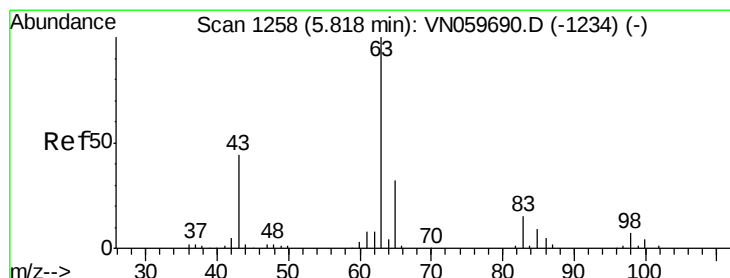
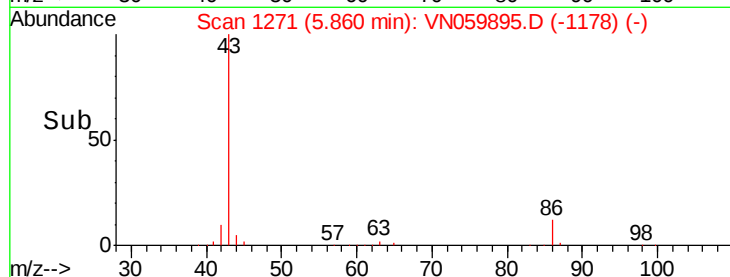
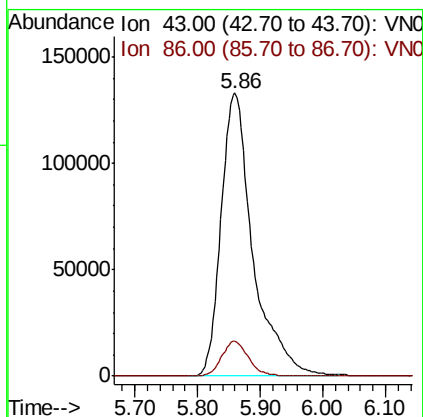
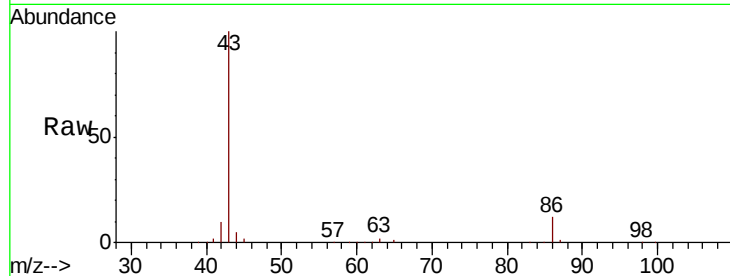




#23
 Vinyl Acetate
 Concen: 89.903 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

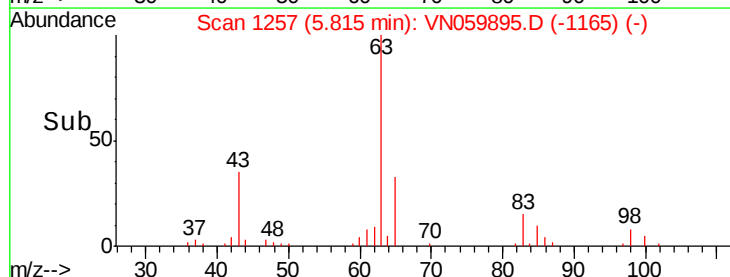
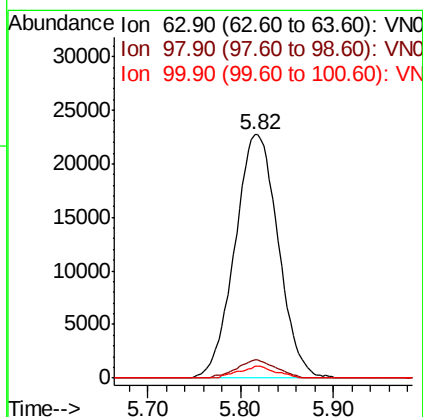
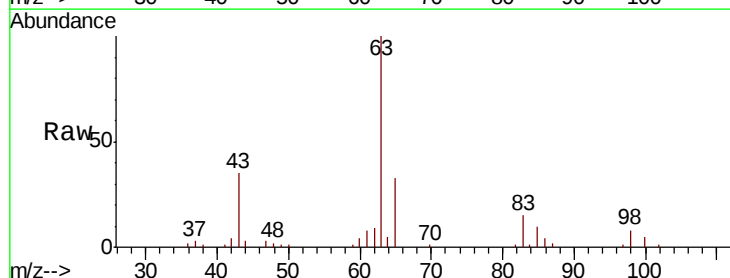
Instrument :
 MSVOA_N
 ClientSampled :

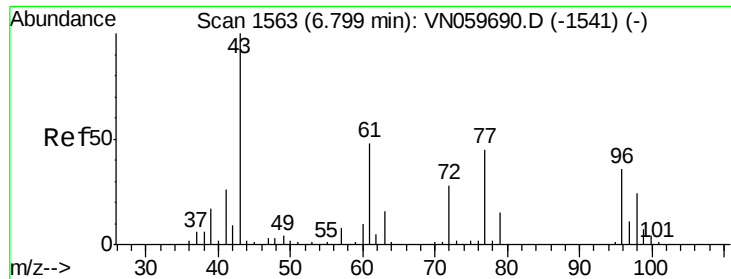
Tot Ion: 43 Resp: 469284
 Ion Ratio Lower Upper
 43 100
 86 12.3 7.6 11.4#



#24
 1,1-Dichloroethane
 Concen: 17.879 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Tgt Ion: 63 Resp: 73653
 Ion Ratio Lower Upper
 63 100
 98 7.7 2.9 8.7
 100 4.8 2.0 6.0

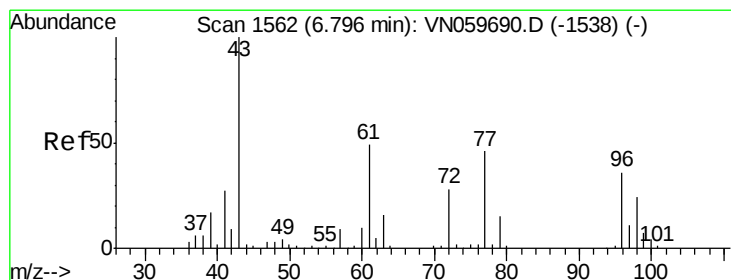
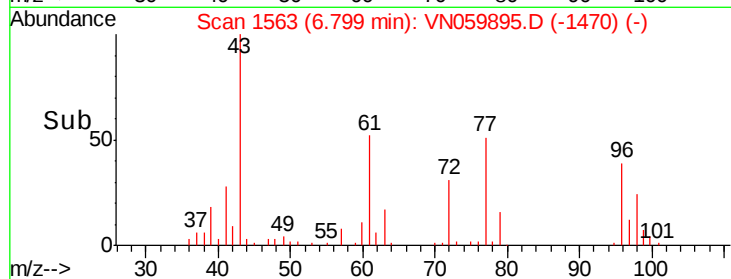
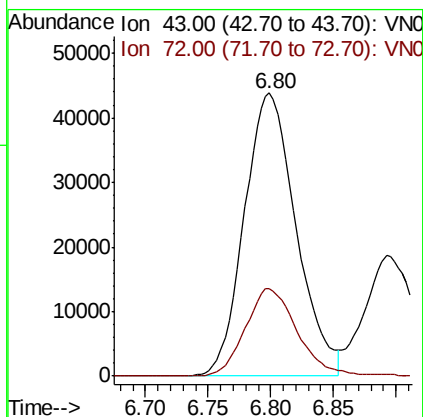
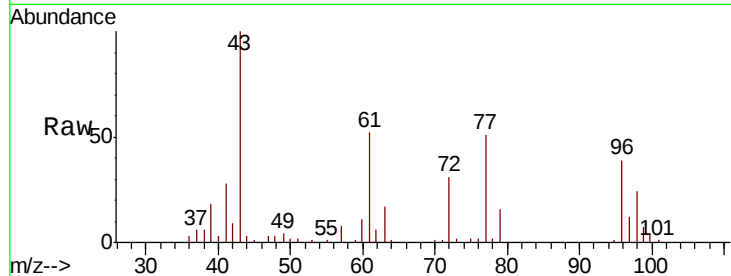




#25
2-Butanone
Concen: 83.151 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

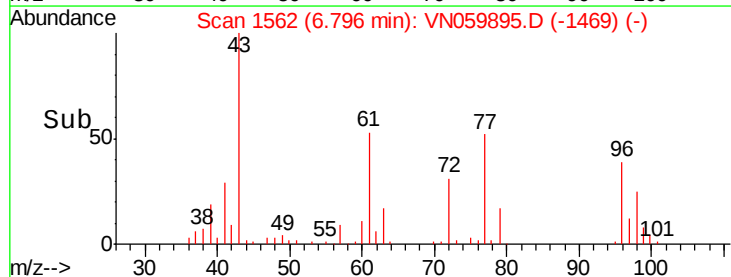
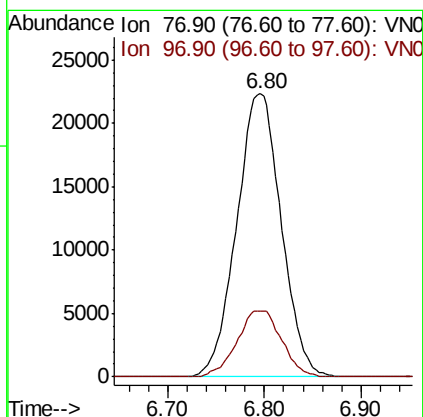
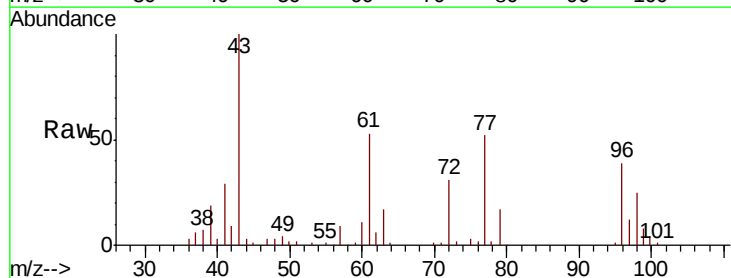
Instrument :
MSVOA_N
ClientSampled :

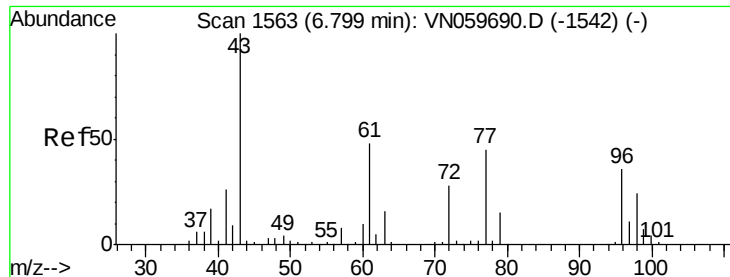
Tot Ion: 43 Resp: 126154
Ion Ratio Lower Upper
43 100
72 31.0 19.9 29.9#



#26
2,2-Dichloropropane
Concen: 18.066 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion: 77 Resp: 71548
Ion Ratio Lower Upper
77 100
97 23.4 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 18.363 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

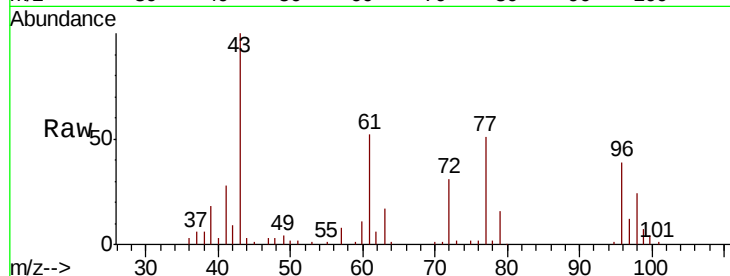
Tot Ion: 96 Resp: 49554

Ion Ratio Lower Upper

96 100

61 136.7 0.0 317.6

98 64.3 0.0 127.0

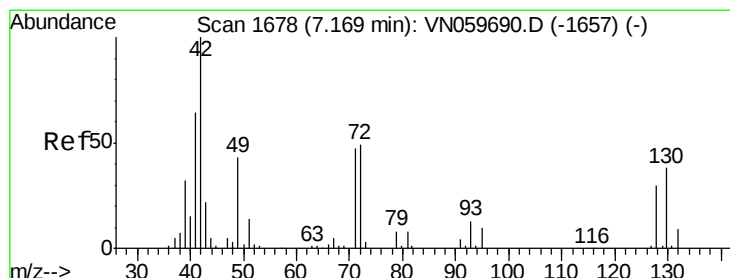
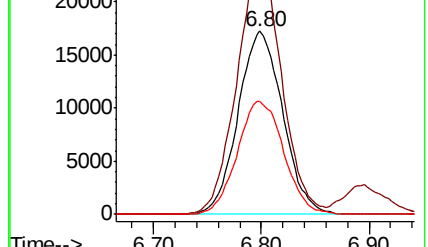
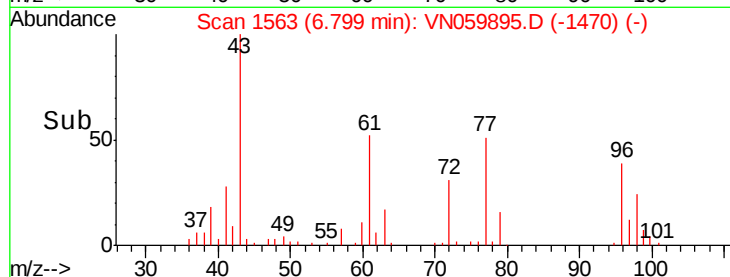


Abundance Ion 95.90 (95.60 to 96.60): VN059895.D (-1470) (-)

Ion 60.90 (60.60 to 61.60): VN059895.D (-1470) (-)

Ion 97.90 (97.60 to 98.60): VN059895.D (-1470) (-)

Time-->



#28

Bromochloromethane

Concen: 18.364 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

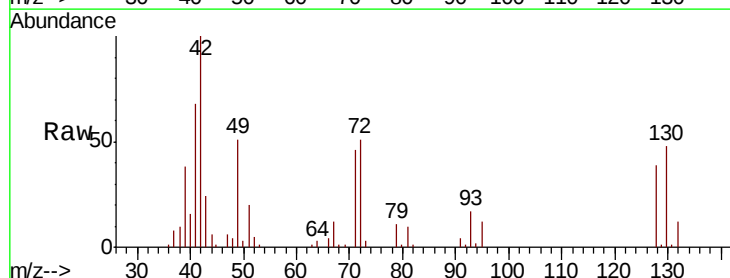
Tgt Ion: 49 Resp: 30236

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.4

130 94.0 54.7 82.1#

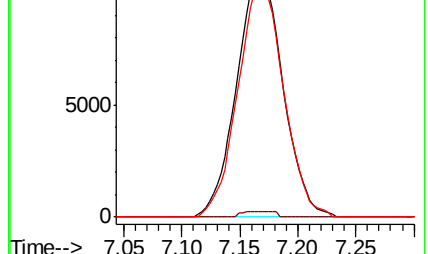
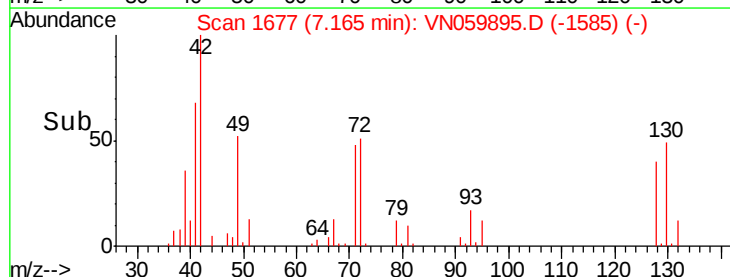


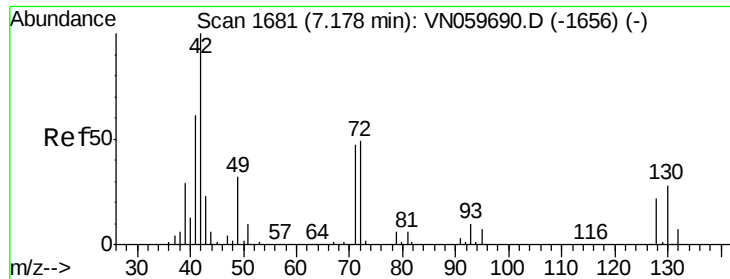
Abundance Ion 48.90 (48.60 to 49.60): VN059895.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN059895.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN059895.D (-1585) (-)

Time-->

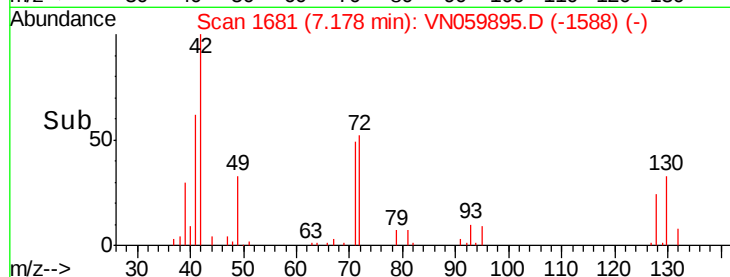
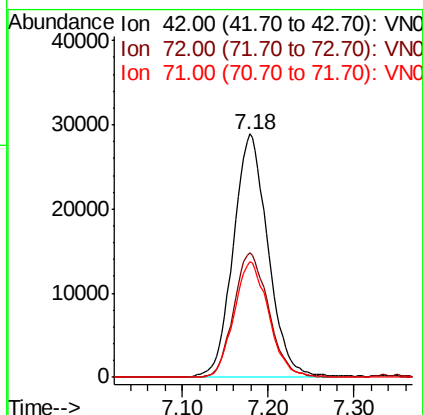
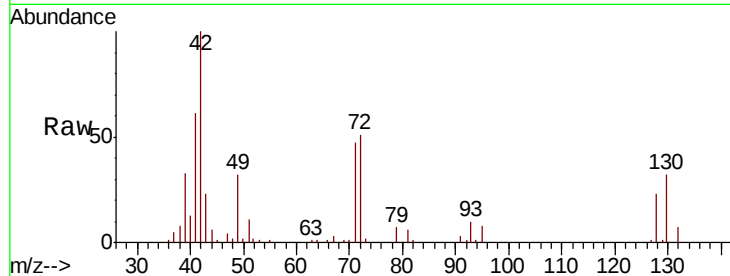




#29
Tetrahydrofuran
Concen: 86.558 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

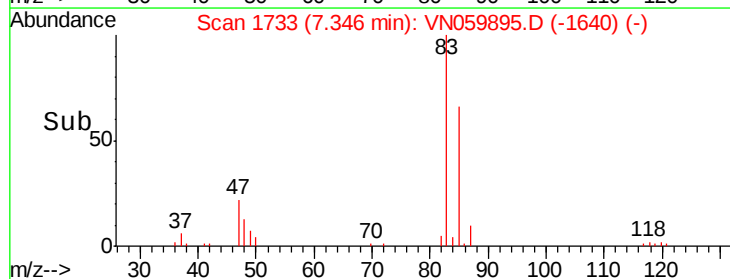
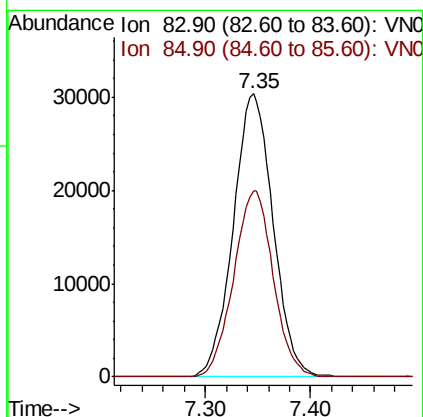
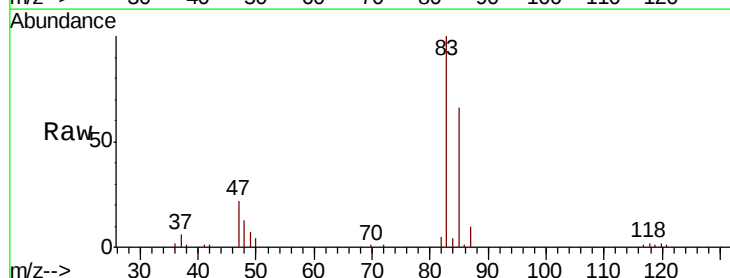
Instrument :
MSVOA_N
ClientSampled :

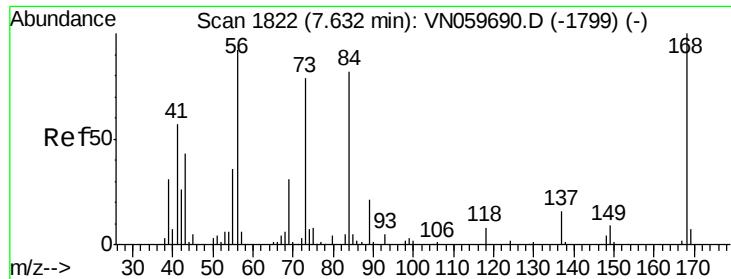
Tot Ion: 42 Resp: 81252
Ion Ratio Lower Upper
42 100
72 51.1 33.1 49.7#
71 47.1 31.4 47.0#



#30
Chloroform
Concen: 18.650 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion: 83 Resp: 79604
Ion Ratio Lower Upper
83 100
85 65.8 52.4 78.6

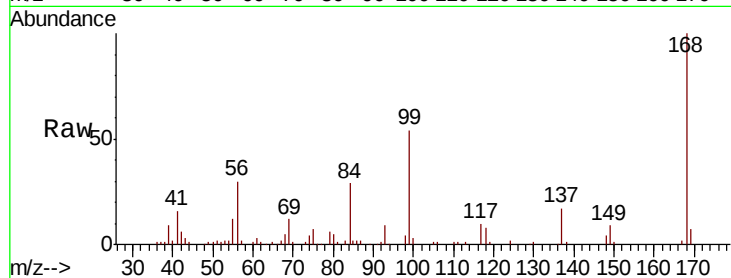




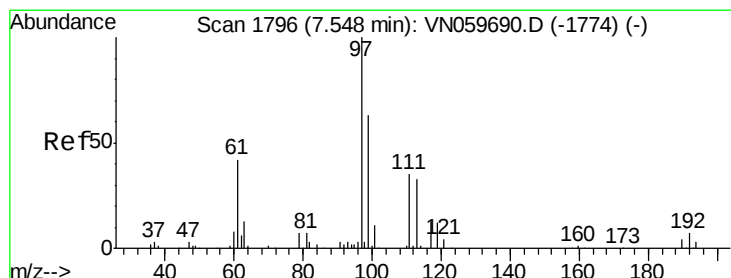
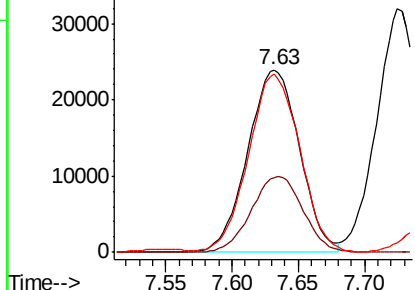
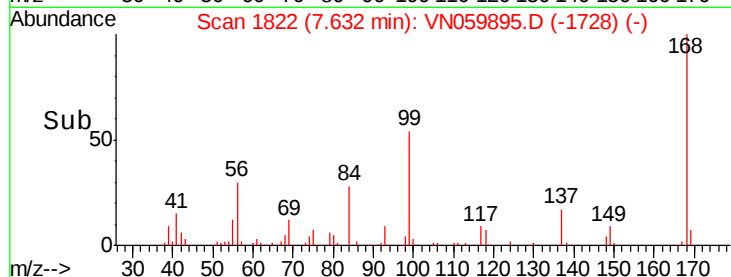
#31
Cyclohexane
Concen: 16.444 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 65183
Ion Ratio Lower Upper
56 100
69 41.2 26.5 39.7#
84 96.1 65.3 97.9

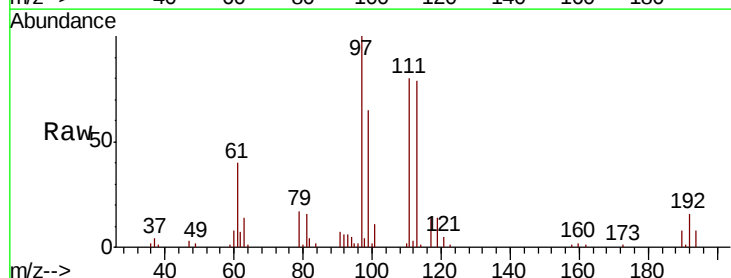


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

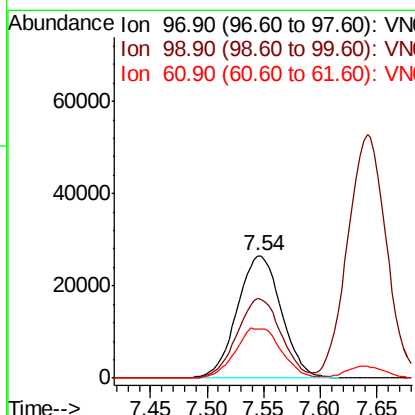
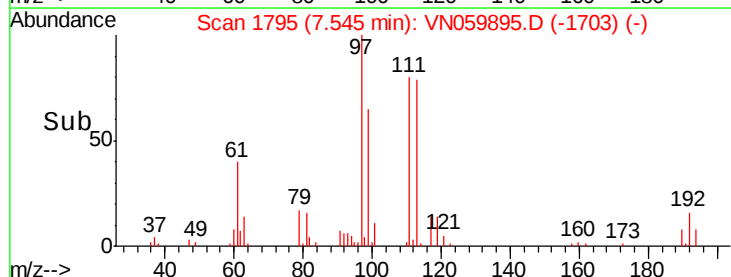


#32
1,1,1-Trichloroethane
Concen: 18.302 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion: 97 Resp: 72227
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 42.3 38.5 57.7



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

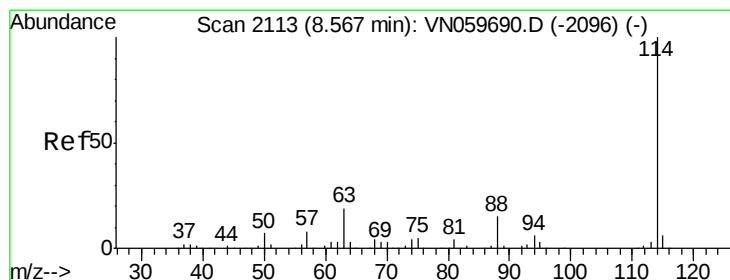
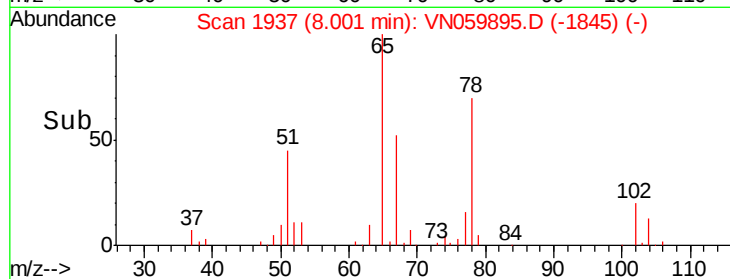
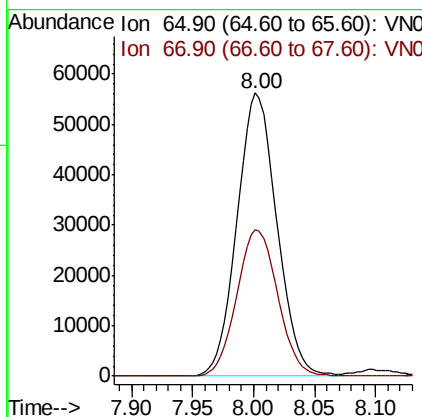
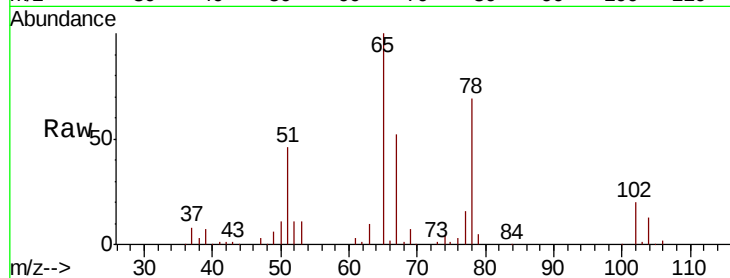




#33
 1,2-Dichloroethane-d4
 Concen: 47.548 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

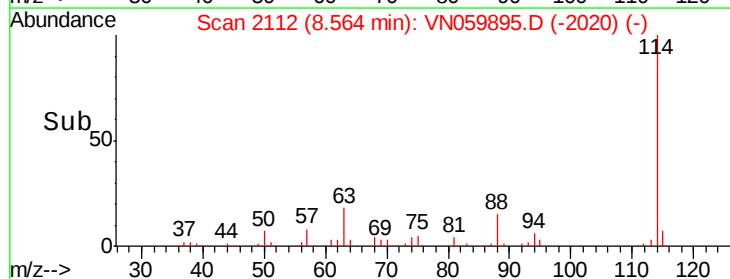
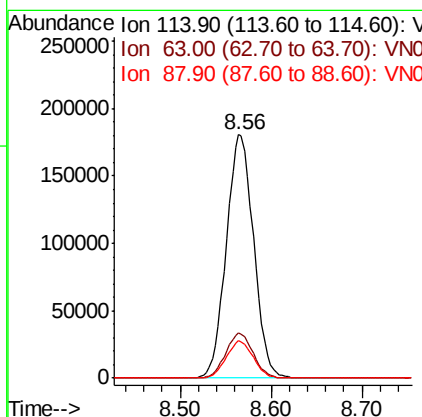
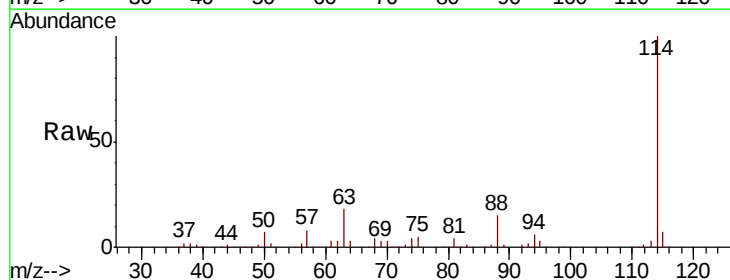
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 65 Resp: 127387
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Tgt Ion: 114 Resp: 377933
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 43.6
 88 15.2 0.0 31.4

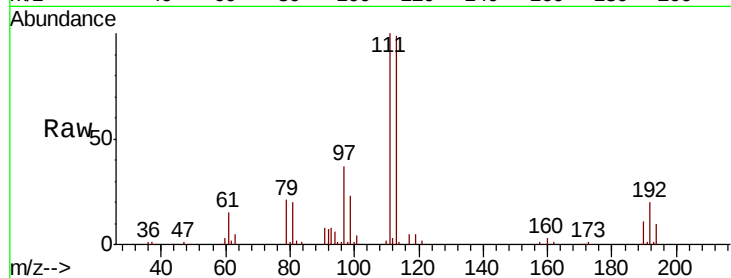




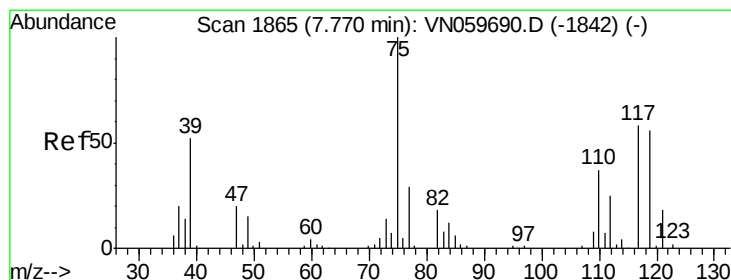
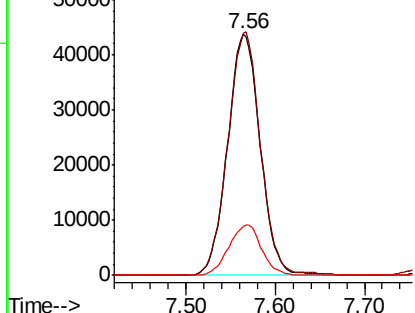
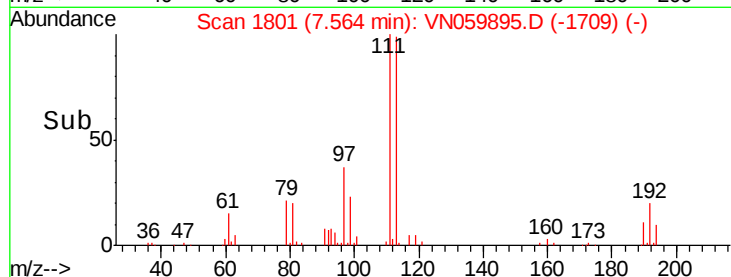
#35
 Dibromofluoromethane
 Concen: 49.124 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.4	83.5	125.3
192	20.8	15.4	23.2

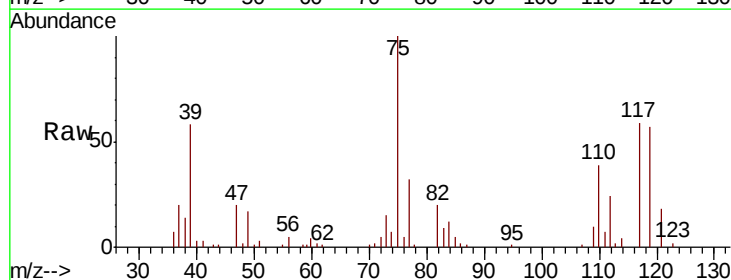


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

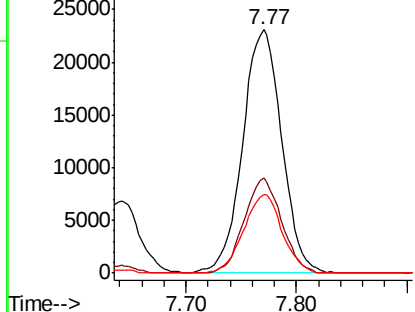
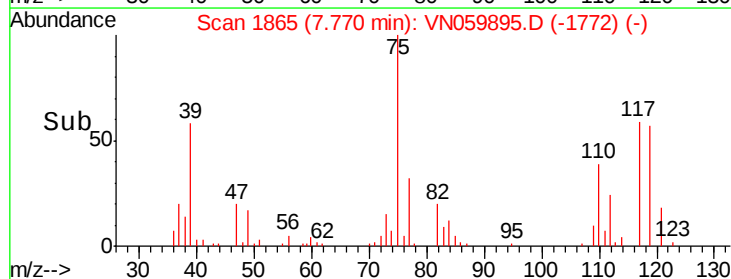


#36
 1,1-Dichloropropene
 Concen: 17.231 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	16.6	49.7
77	31.9	25.1	37.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

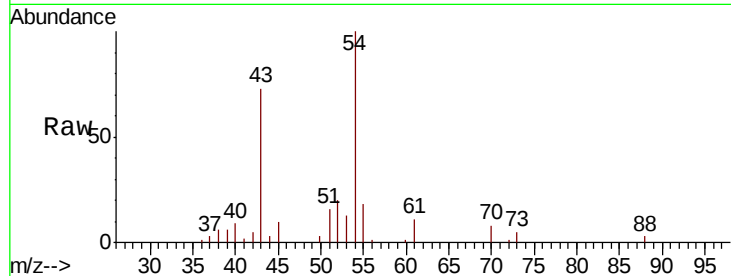




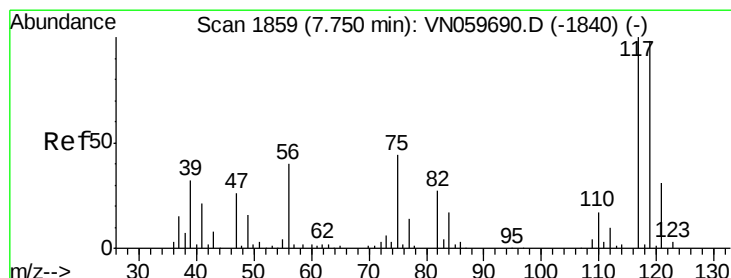
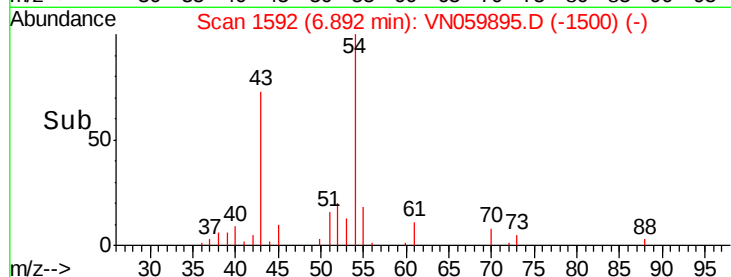
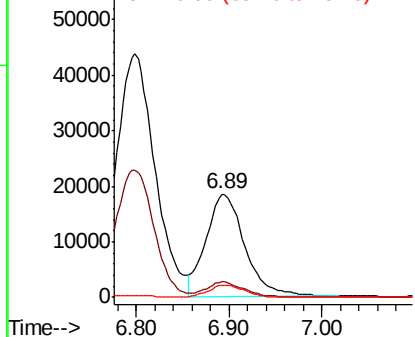
#37
Ethyl Acetate
Concen: 17.300 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 53401
Ion Ratio Lower Upper
43 100
61 14.5 10.9 16.3
70 10.9 7.7 11.5

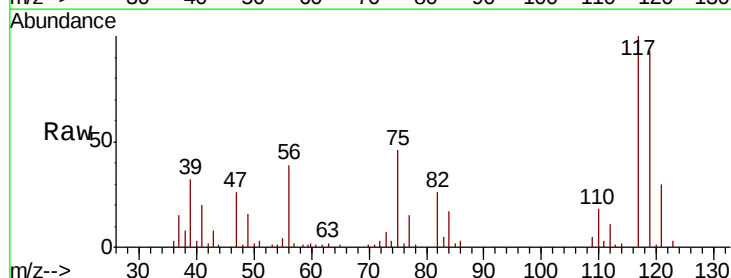


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

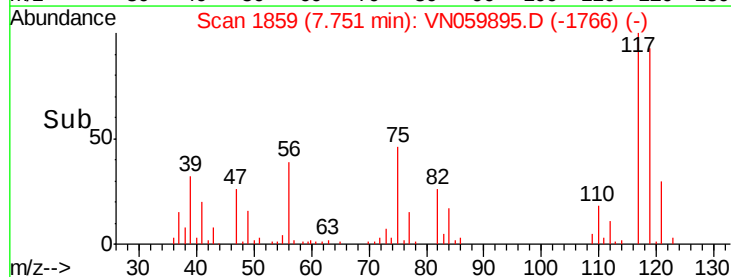
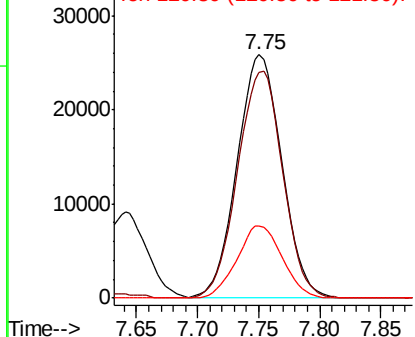


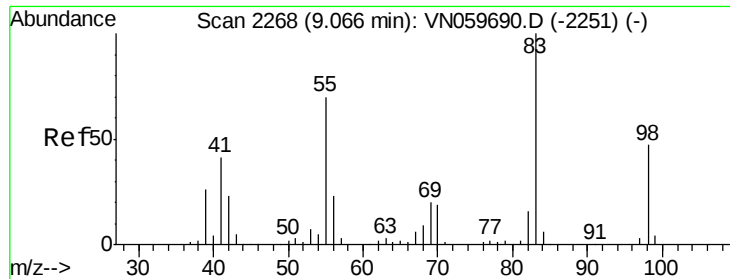
#38
Carbon Tetrachloride
Concen: 18.331 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion: 117 Resp: 65626
Ion Ratio Lower Upper
117 100
119 92.7 76.5 114.7
121 29.8 25.1 37.7



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

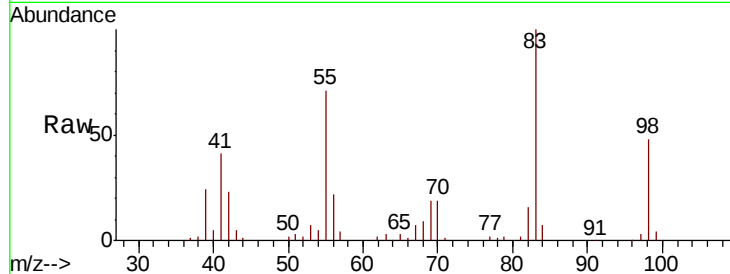




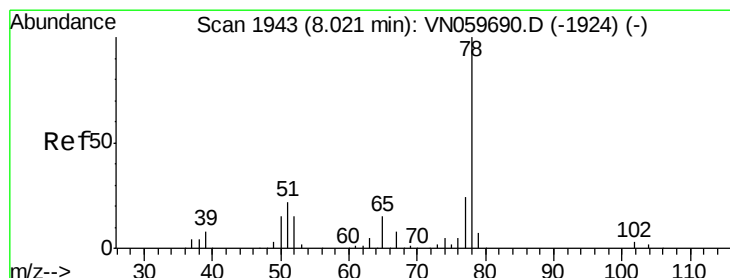
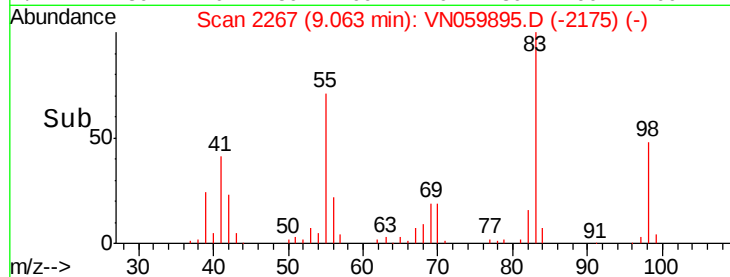
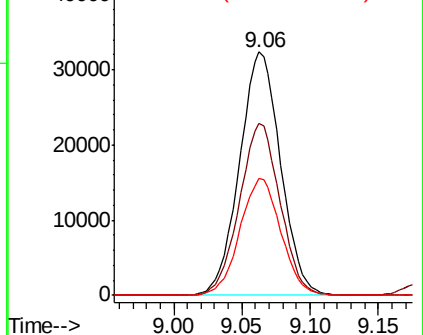
#39
Methvlcvclohexane
Concen: 16.645 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 67549
Ion Ratio Lower Upper
83 100
55 70.7 64.2 96.2
98 47.9 35.9 53.9

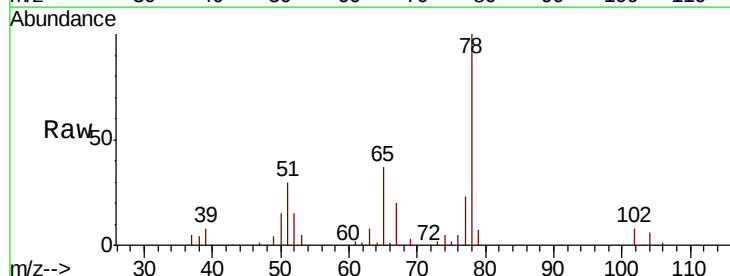


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

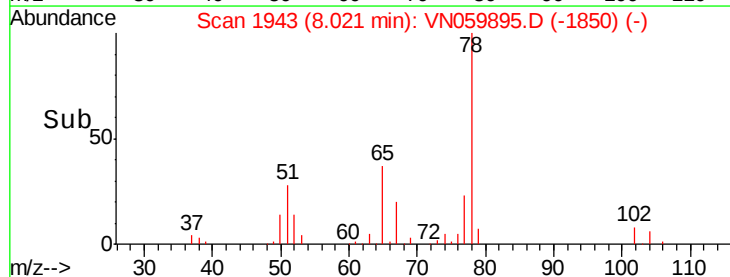
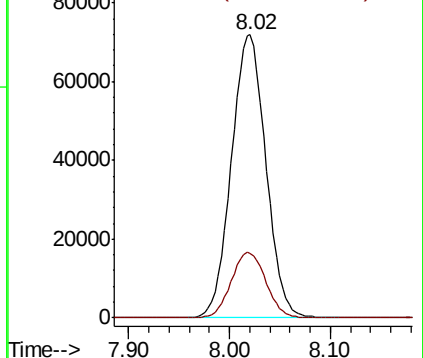


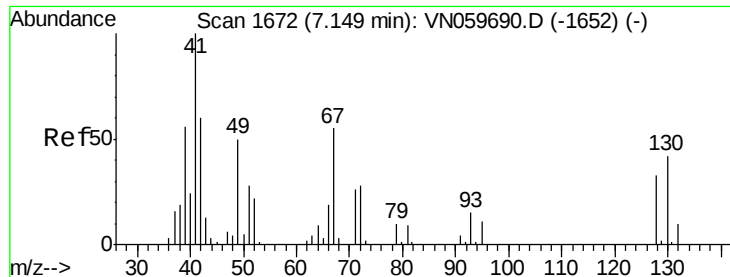
#40
Benzene
Concen: 17.356 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion: 78 Resp: 170362
Ion Ratio Lower Upper
78 100
77 23.0 18.9 28.3



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

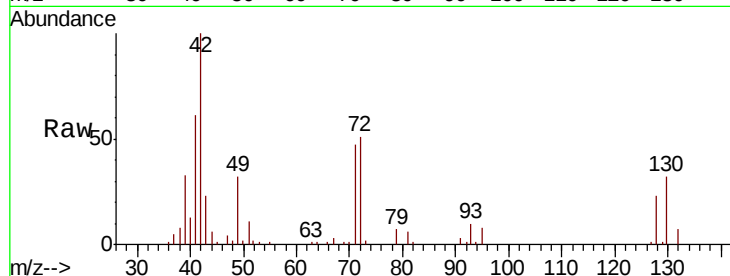




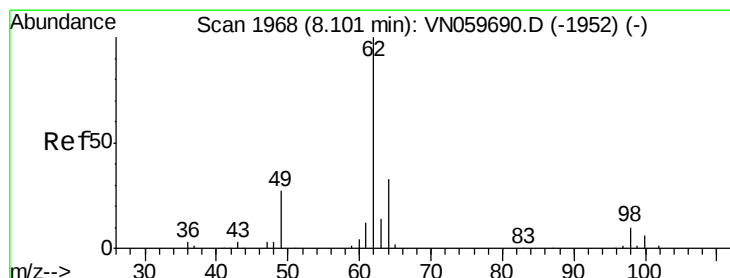
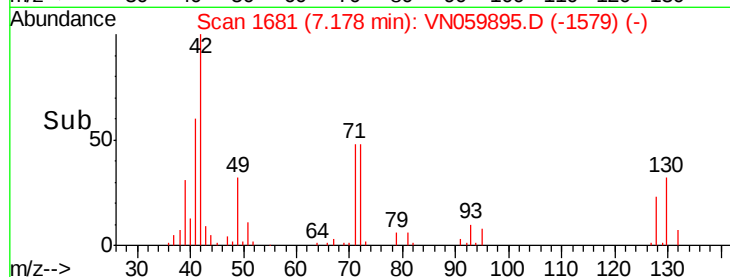
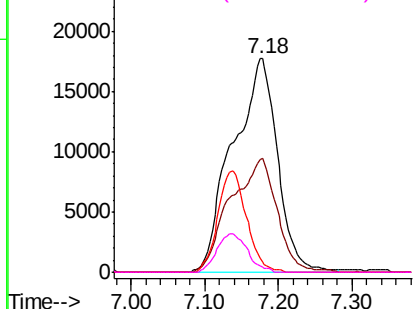
#41
Methacrylonitrile
Concen: 49.171 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 74761
Ion Ratio Lower Upper
41 100
39 55.2 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

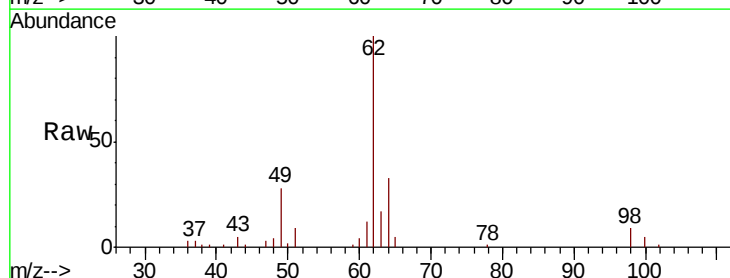


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

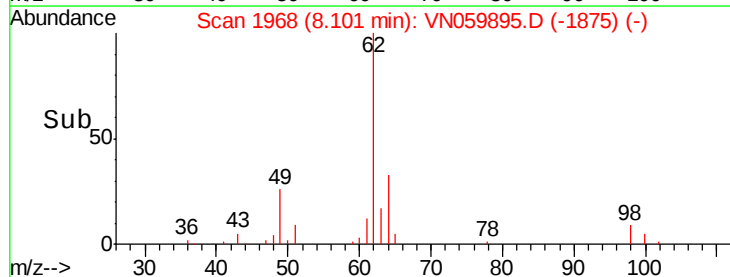
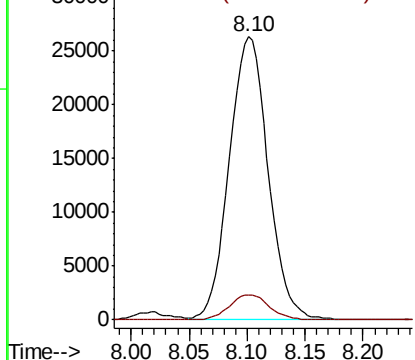


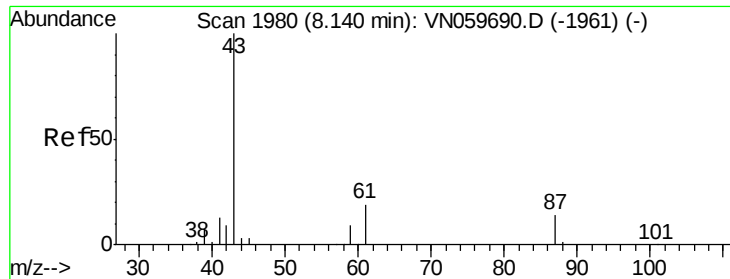
#42
1,2-Dichloroethane
Concen: 18.392 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion: 62 Resp: 61207
Ion Ratio Lower Upper
62 100
98 9.1 0.0 15.8



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





#43

Isopropyl Acetate

Concen: 17.147 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

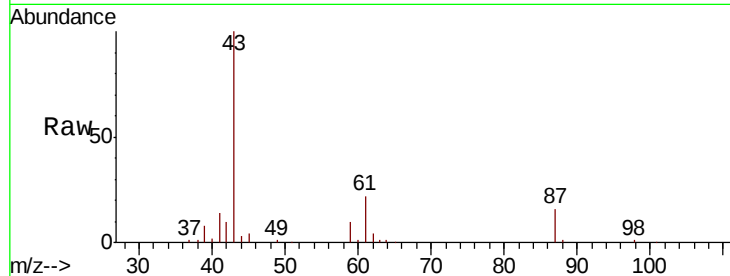
Tot Ion: 43 Resp: 91041

Ion Ratio Lower Upper

43 100

61 28.1 20.2 30.2

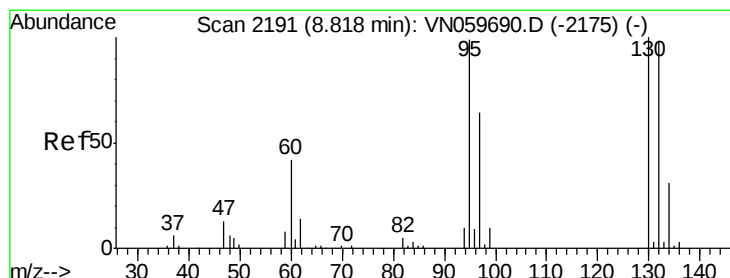
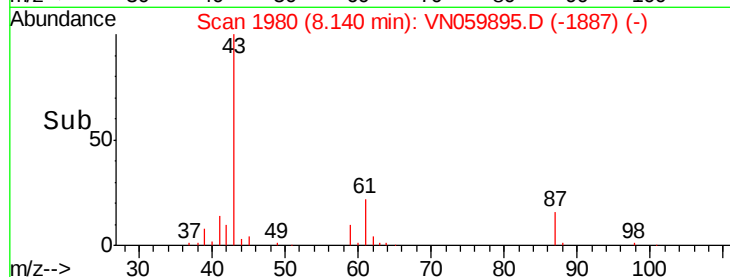
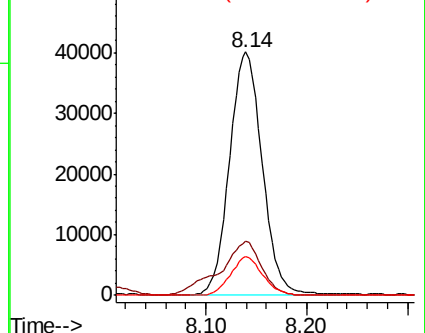
87 15.3 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059895.D (-1961) (-)

Ion 61.00 (60.70 to 61.70): VN059895.D (-1961) (-)

Ion 87.00 (86.70 to 87.70): VN059895.D (-1961) (-)



#44

Trichloroethene

Concen: 18.872 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059895.D

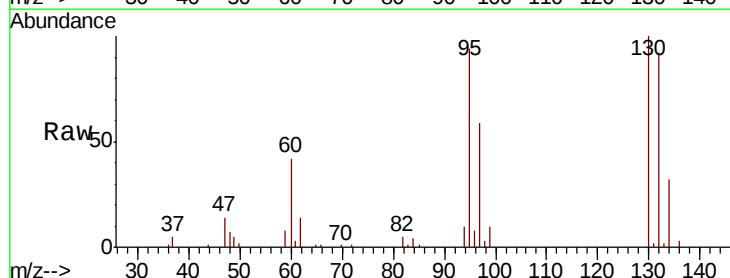
Acq: 28 Jan 2020 14:19

Tgt Ion:130 Resp: 50569

Ion Ratio Lower Upper

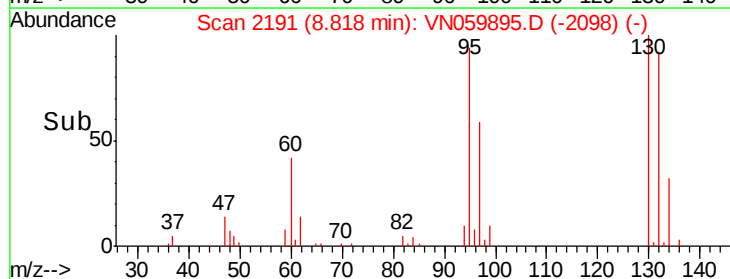
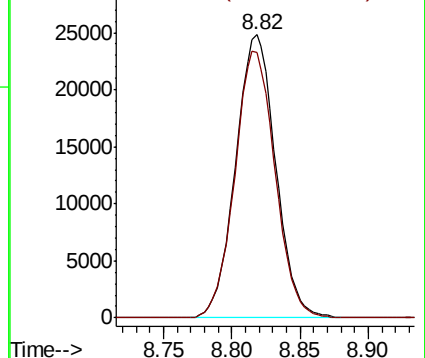
130 100

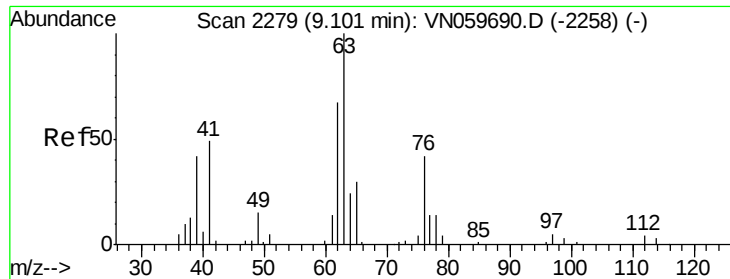
95 93.9 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059895.D (-2191) (-)

Ion 94.90 (94.60 to 95.60): VN059895.D (-2191) (-)

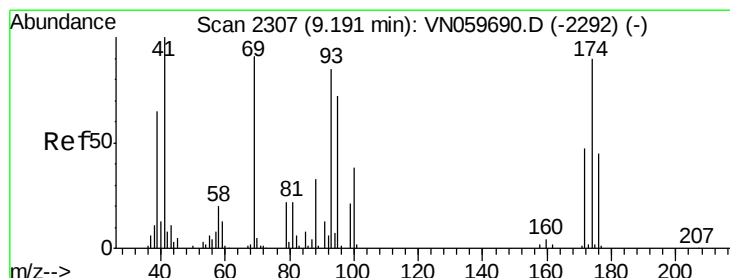
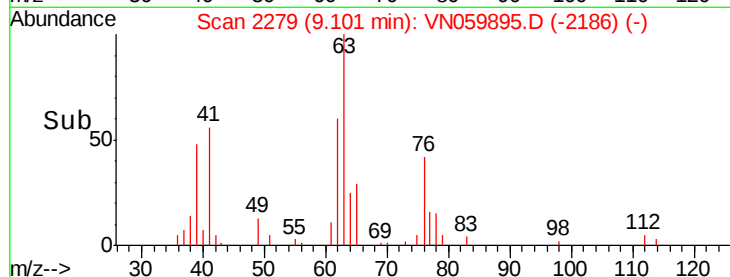
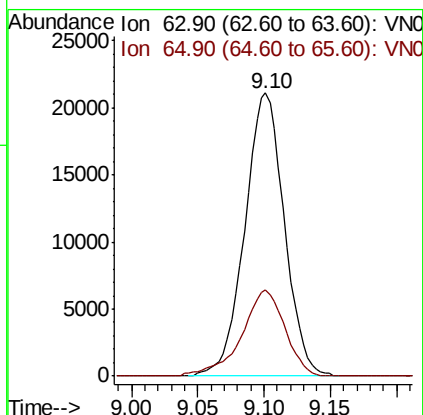
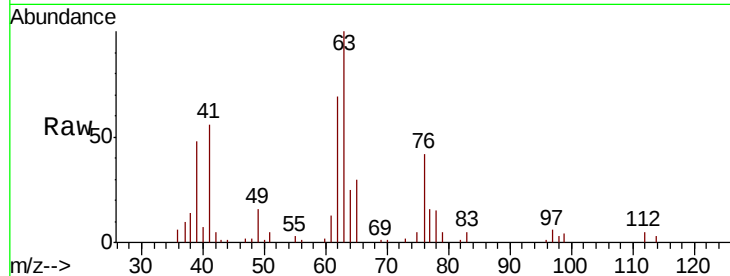




#45
 1,2-Dichloropropane
 Concen: 17.991 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

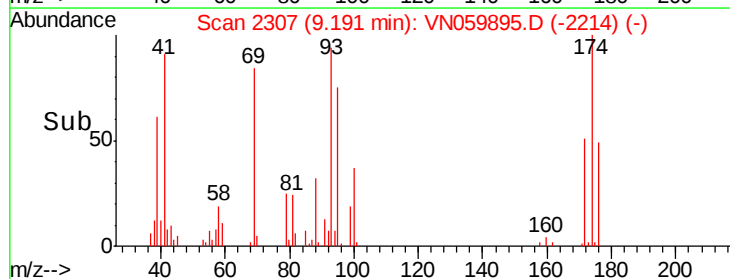
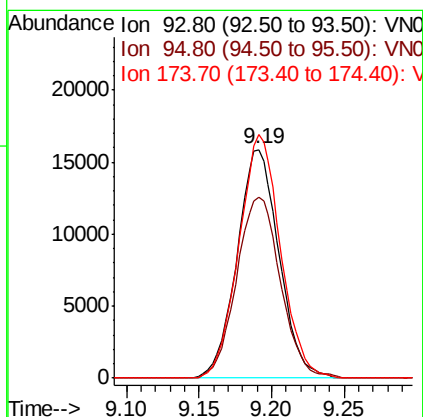
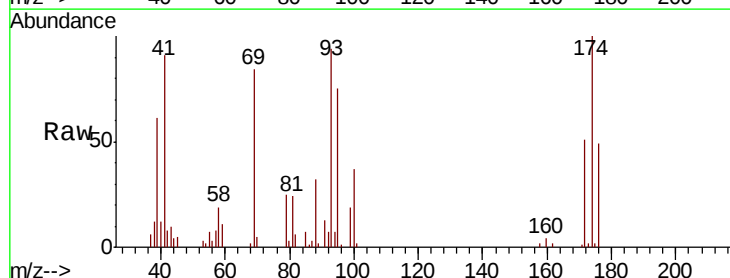
Instrument :
 MSVOA_N
 ClientSampled :

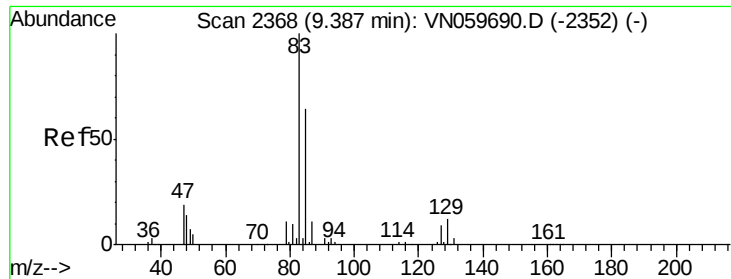
Tot Ion: 63 Resp: 43698
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.9 37.3



#46
 Dibromomethane
 Concen: 18.627 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Tgt Ion: 93 Resp: 31914
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.0 100.6
 174 105.7 73.4 110.2





#47

Bromodichloromethane

Concen: 17.874 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

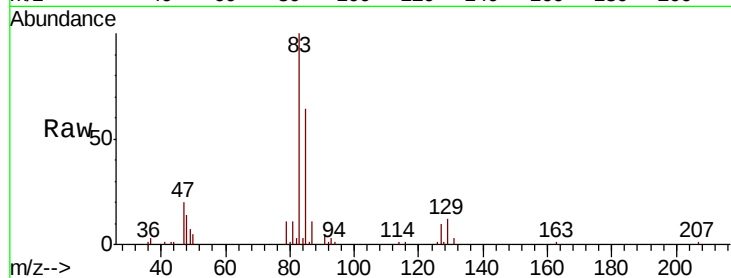
Tot Ion: 83 Resp: 61711

Ion Ratio Lower Upper

83 100

85 64.0 51.1 76.7

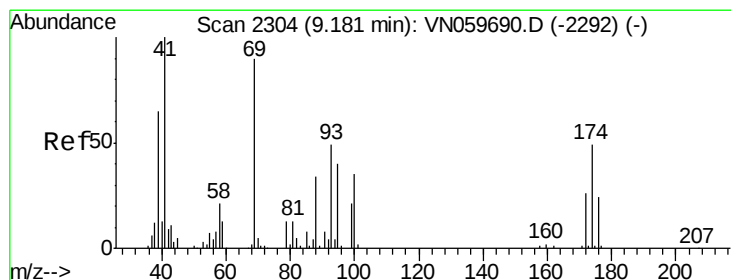
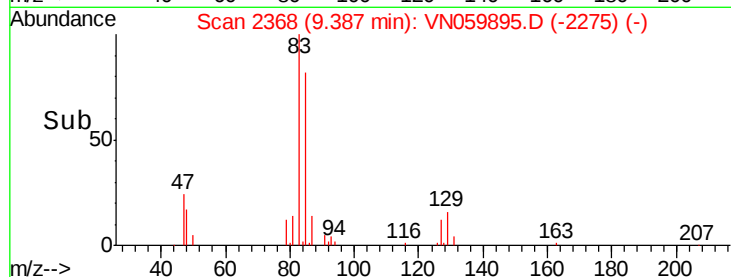
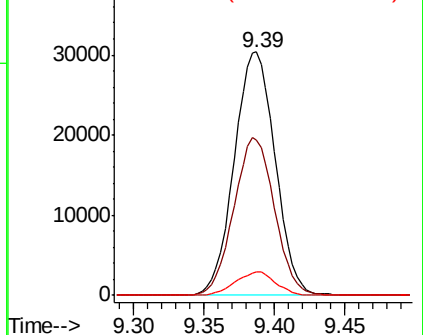
127 9.6 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN059895.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN059895.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN059895.D (-2275) (-)



#48

Methyl methacrylate

Concen: 16.404 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

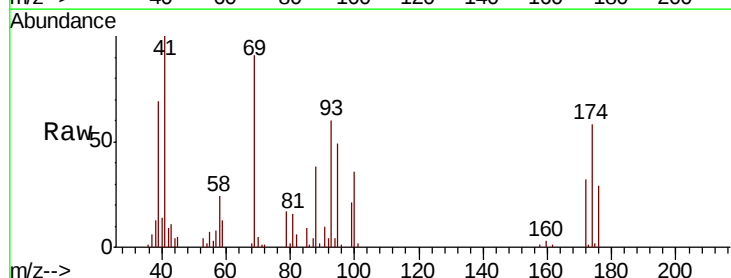
Tgt Ion: 41 Resp: 38959

Ion Ratio Lower Upper

41 100

69 95.8 64.4 96.6

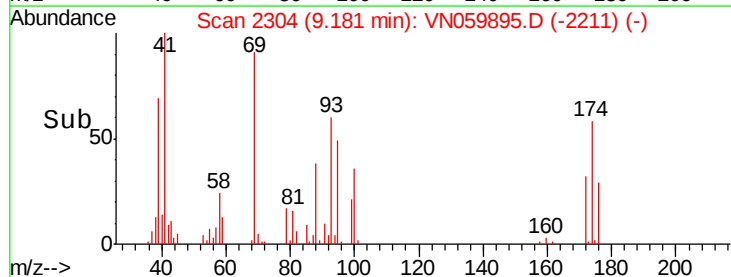
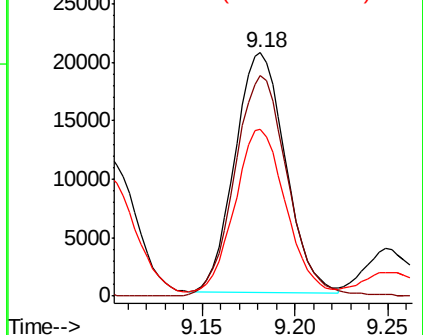
39 67.8 51.3 76.9



Abundance Ion 41.00 (40.70 to 41.70): VN059895.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN059895.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN059895.D (-2211) (-)

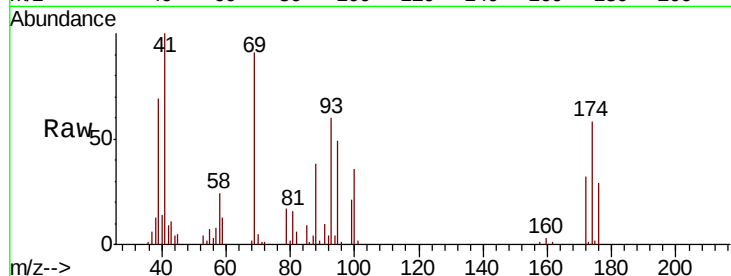




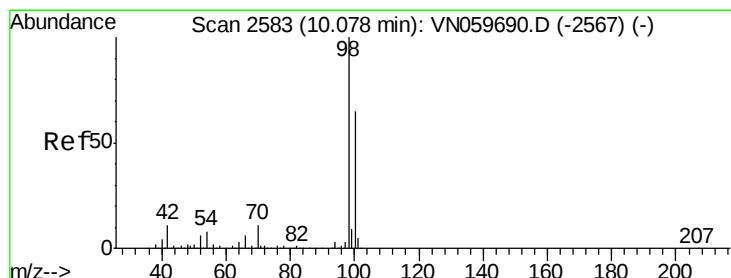
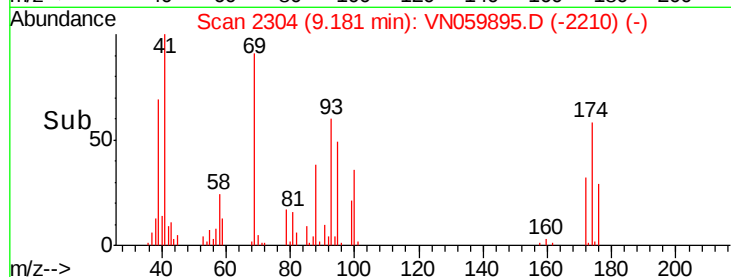
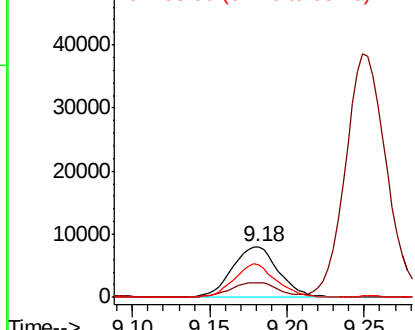
#49
1,4-Dioxane
Concen: 381.979 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 16607
Ion Ratio Lower Upper
88 100
43 30.4 29.7 44.5
58 59.7 56.6 85.0

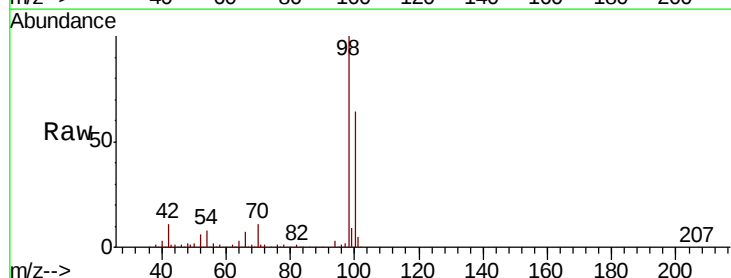


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

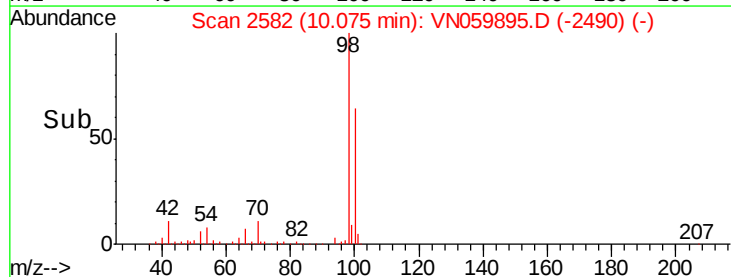
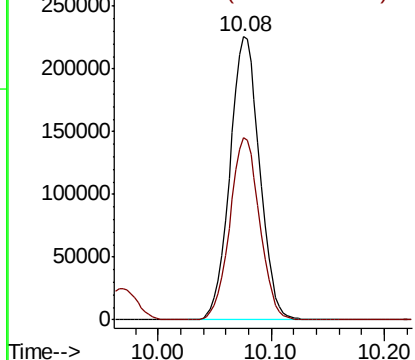


#50
Toluene-d8
Concen: 47.080 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion: 98 Resp: 411119
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

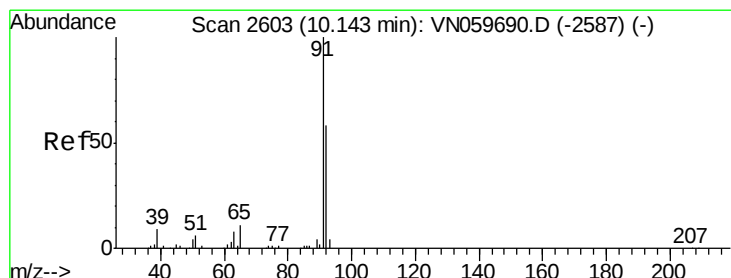
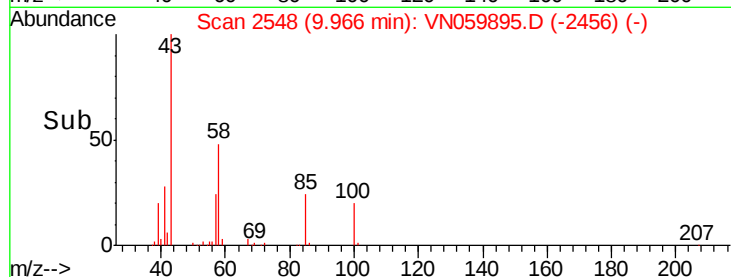
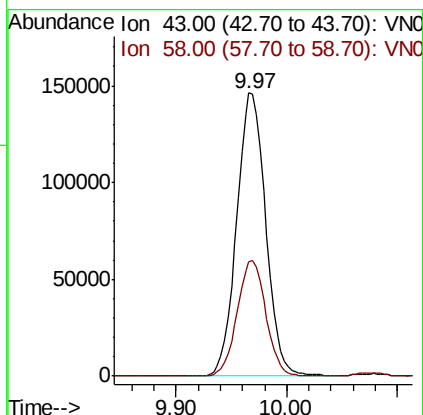
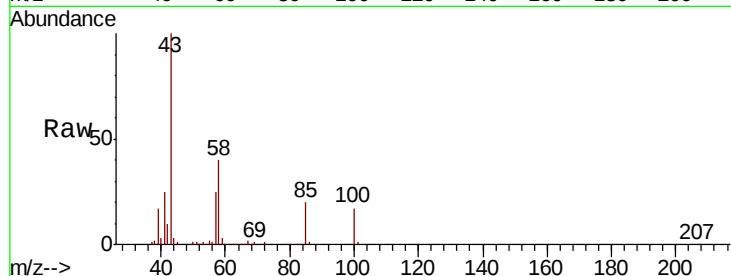




#51
4-Methyl-2-Pentanone
Concen: 86.924 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. -0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

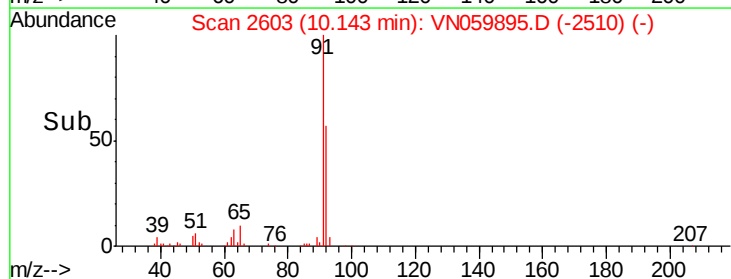
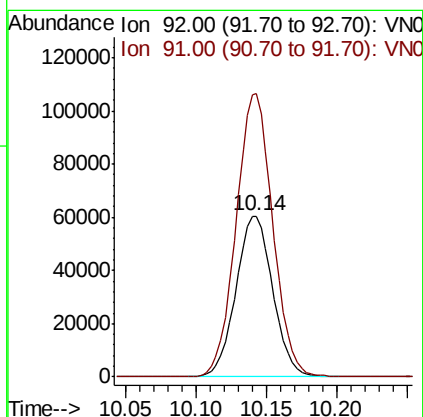
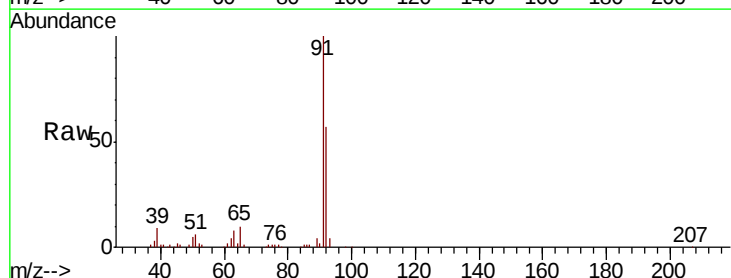
Instrument :
MSVOA_N
ClientSampled :

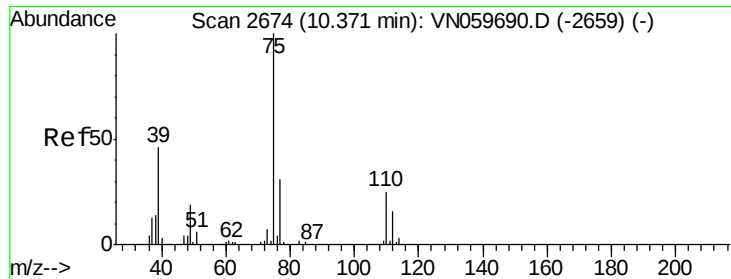
Tot Ion: 43 Resp: 266793
Ion Ratio Lower Upper
43 100
58 40.3 29.8 44.8



#52
Toluene
Concen: 17.821 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion: 92 Resp: 110486
Ion Ratio Lower Upper
92 100
91 175.5 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 17.791 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

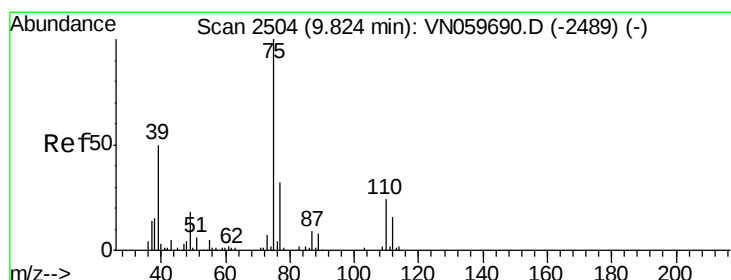
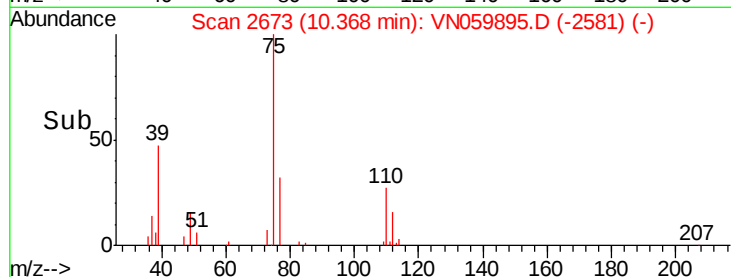
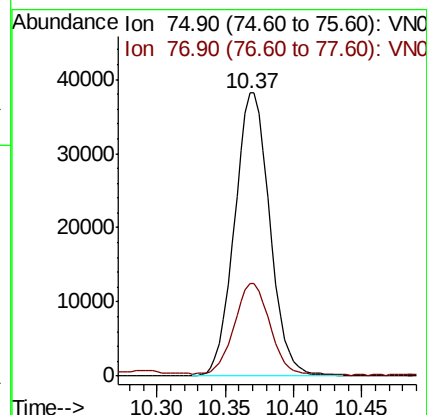
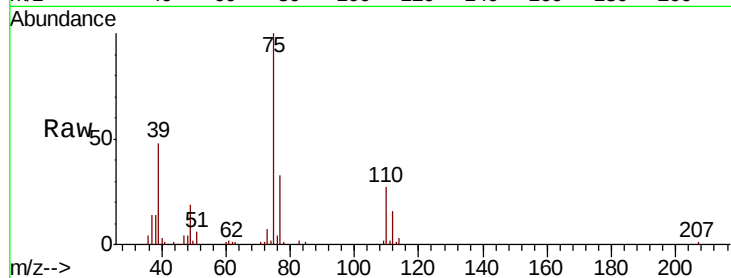
ClientSampleId :

Tot Ion: 75 Resp: 68587

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.136 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

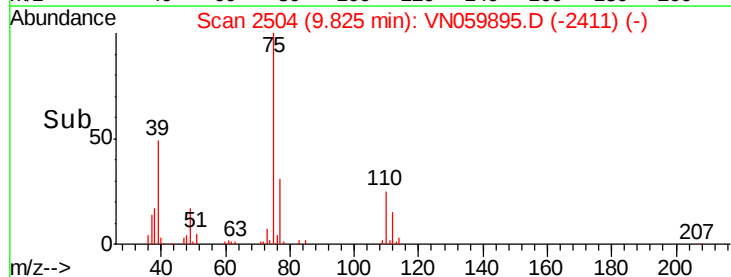
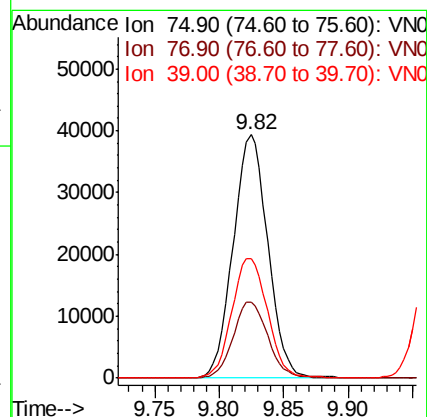
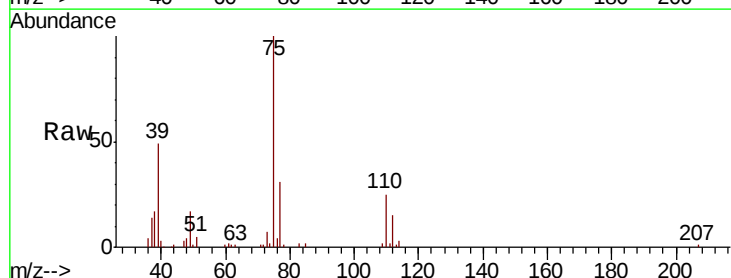
Tgt Ion: 75 Resp: 73567

Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7

39 48.9 46.1 69.1

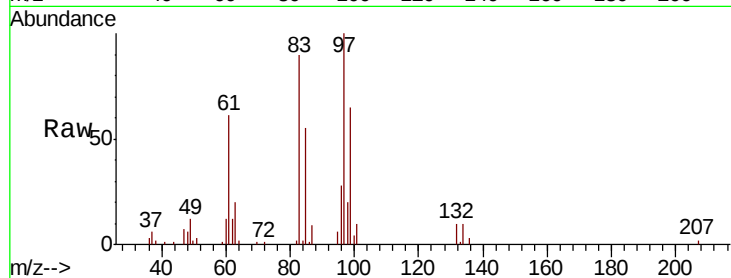




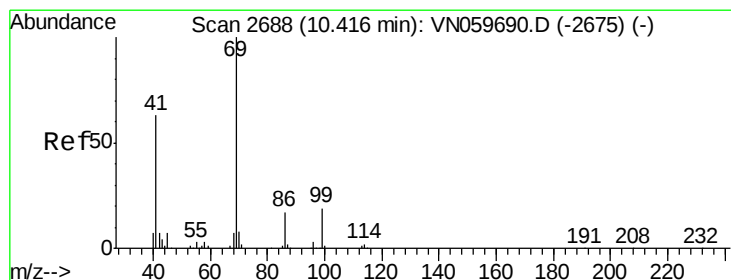
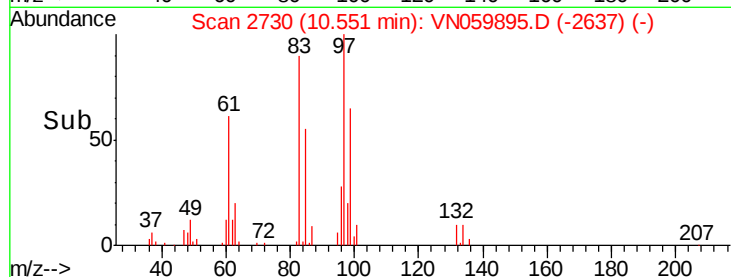
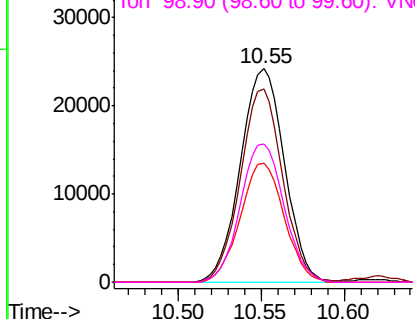
#55
 1,1,2-Trichloroethane
 Concen: 18.246 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	44804
Ion	Ratio	Lower	Upper
97	100		
83	90.3	71.3	106.9
85	55.5	45.8	68.8
99	64.8	50.0	75.0

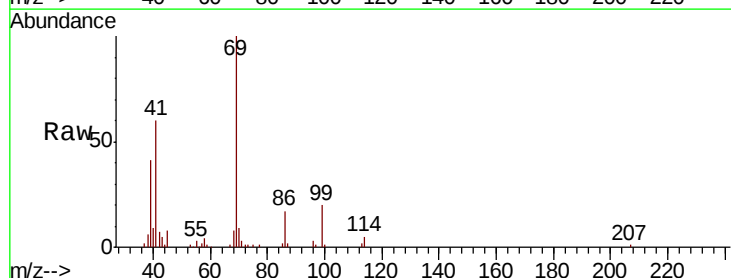


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

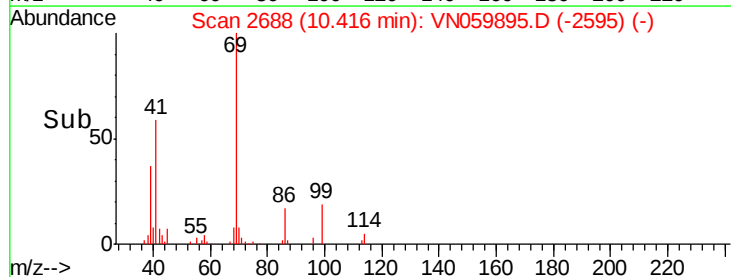
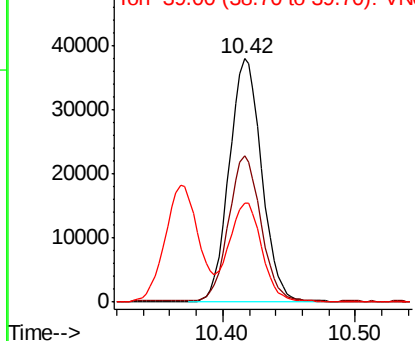


#56
 Ethyl methacrylate
 Concen: 17.263 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Tgt Ion:	69	Resp:	64771
Ion	Ratio	Lower	Upper
69	100		
41	58.9	57.1	85.7
39	41.4	34.7	52.1



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: 18.704 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

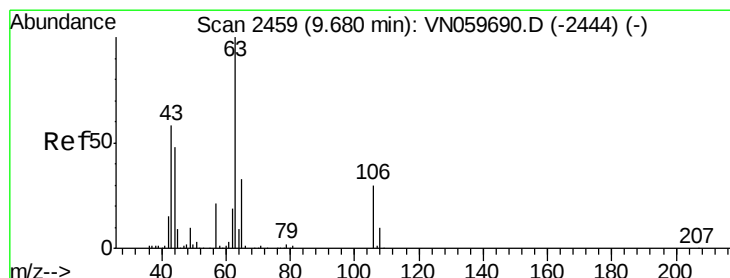
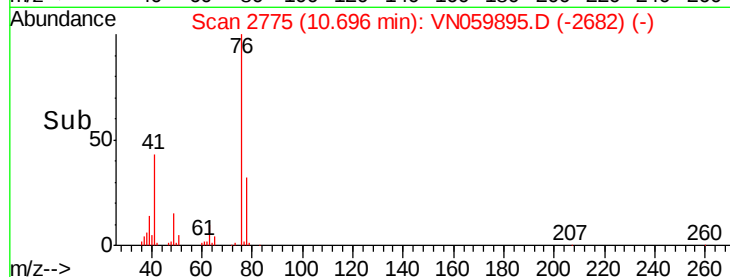
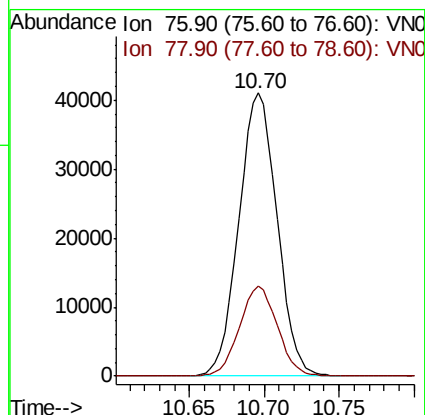
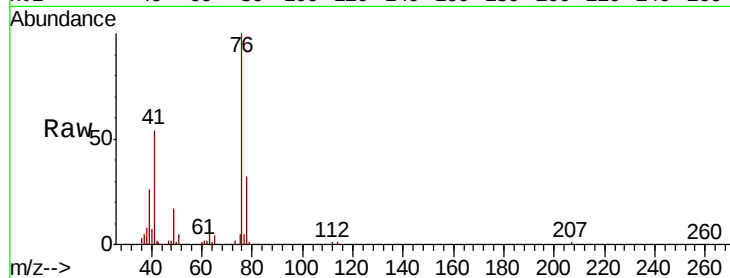
ClientSampled :

Tot Ion: 76 Resp: 72916

Ion Ratio Lower Upper

76 100

78 31.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 85.528 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059895.D

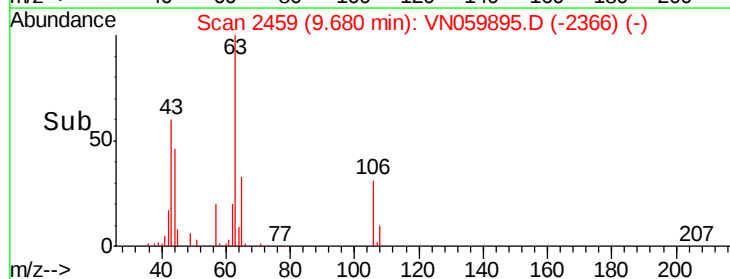
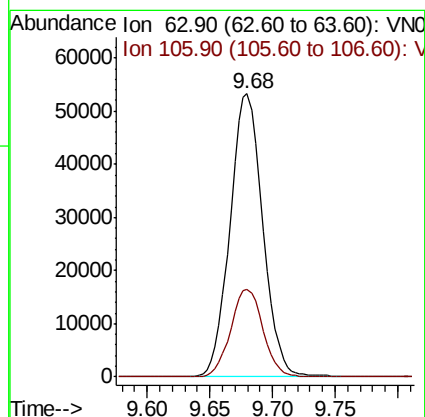
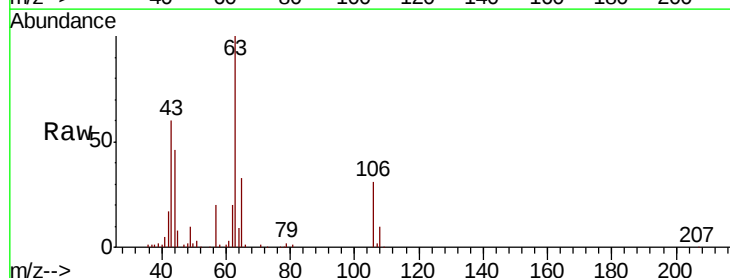
Acq: 28 Jan 2020 14:19

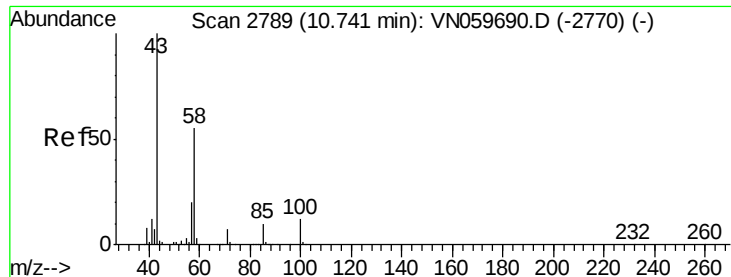
Tgt Ion: 63 Resp: 96658

Ion Ratio Lower Upper

63 100

106 30.5 20.2 30.2#

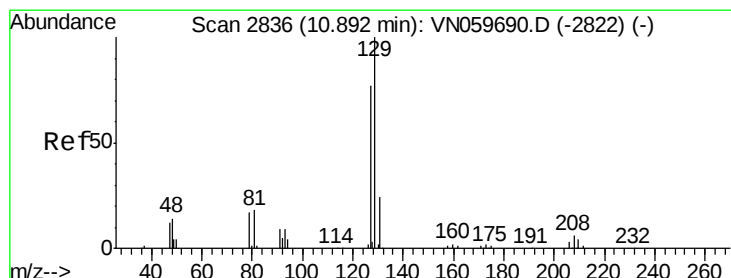
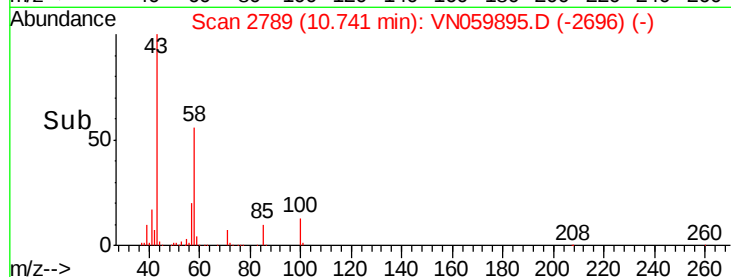
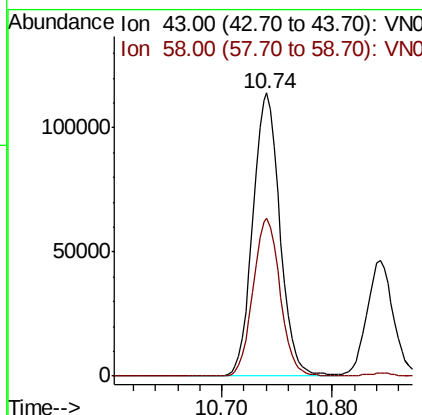
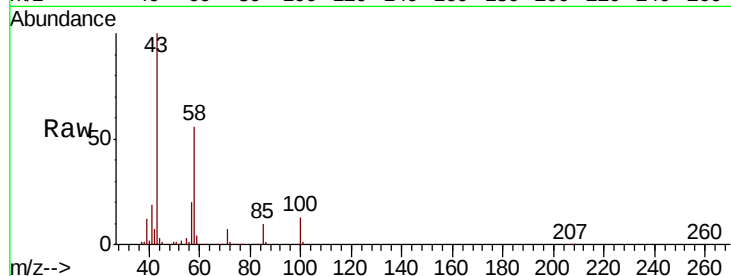




#59
2-Hexanone
Concen: 85.797 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

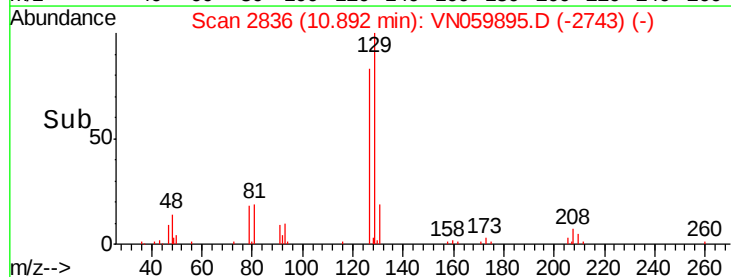
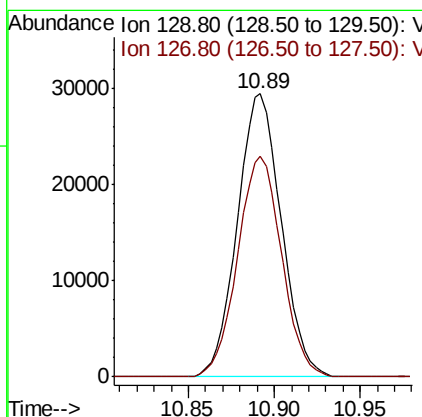
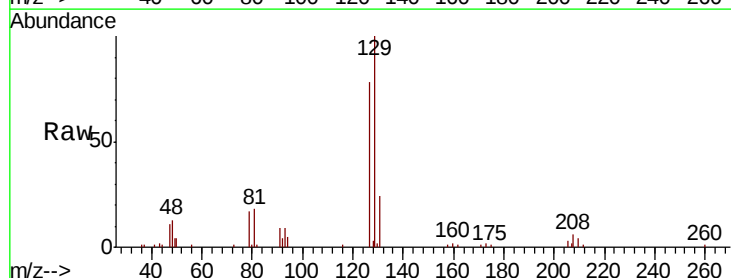
Instrument :
MSVOA_N
ClientSampleId :

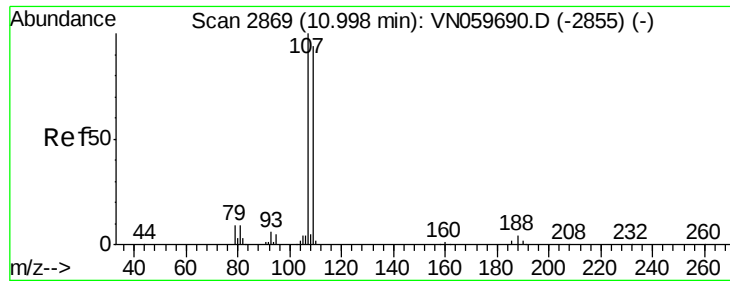
Tot Ion: 43 Resp: 193999
Ion Ratio Lower Upper
43 100
58 55.7 25.8 77.3



#60
Dibromochloromethane
Concen: 18.648 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion: 129 Resp: 52144
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

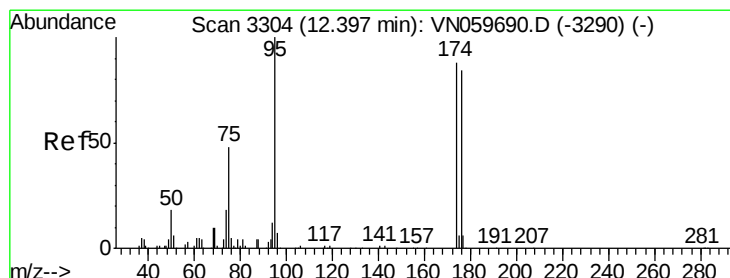
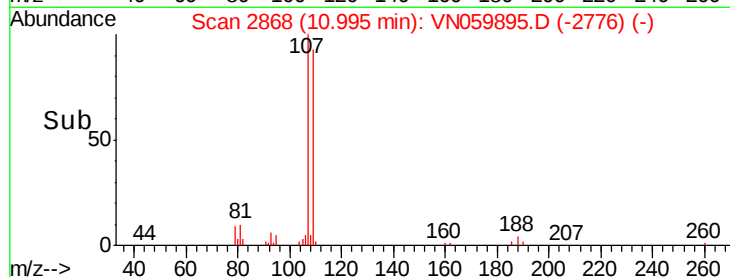
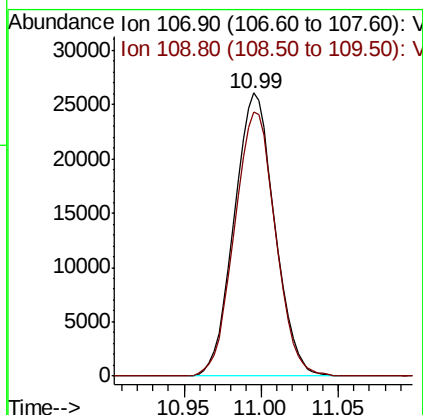
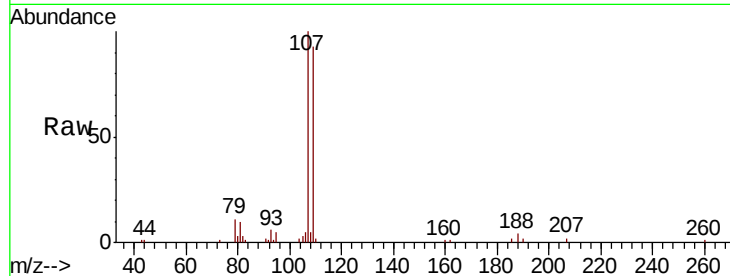




#61
 1,2-Dibromoethane
 Concen: 18.408 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

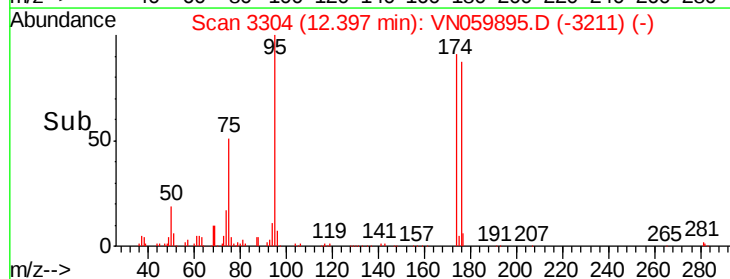
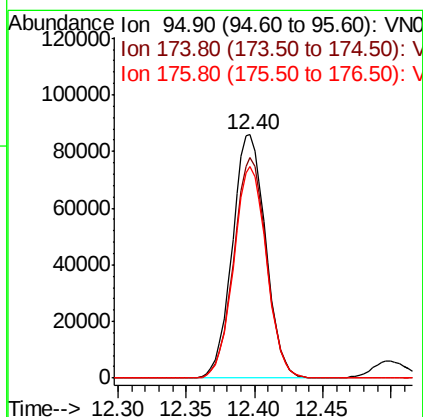
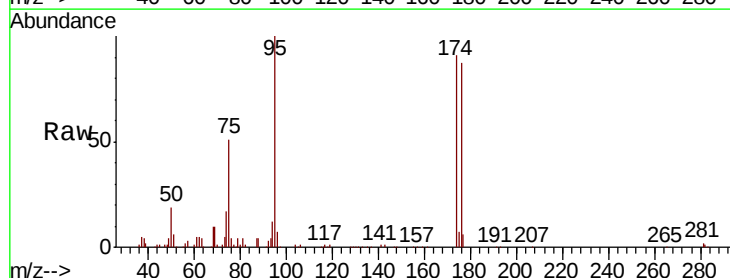
Instrument :
 MSVOA_N
 ClientSampleId :

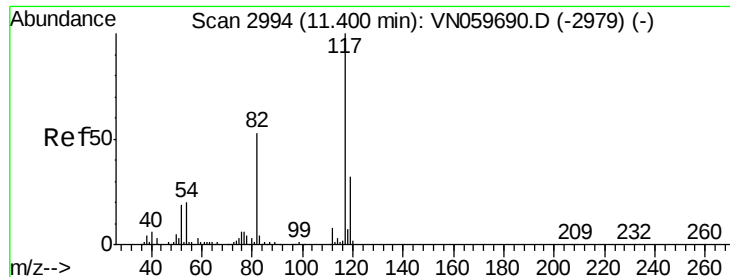
Tot Ion: 107 Resp: 47376
 Ion Ratio Lower Upper
 107 100
 109 94.5 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 46.311 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Tgt Ion: 95 Resp: 145786
 Ion Ratio Lower Upper
 95 100
 174 88.9 0.0 151.4
 176 85.6 0.0 146.0

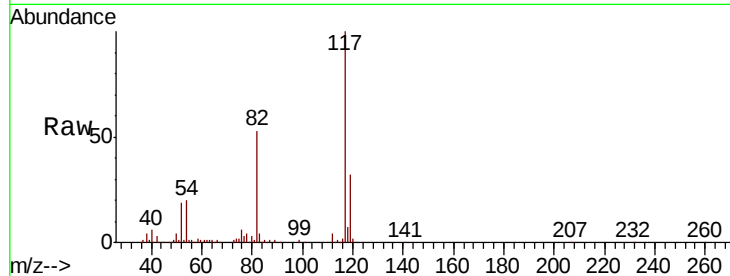




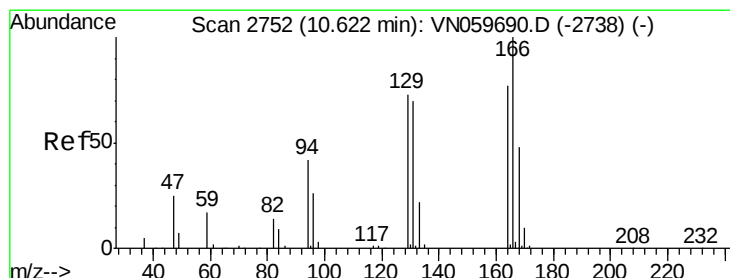
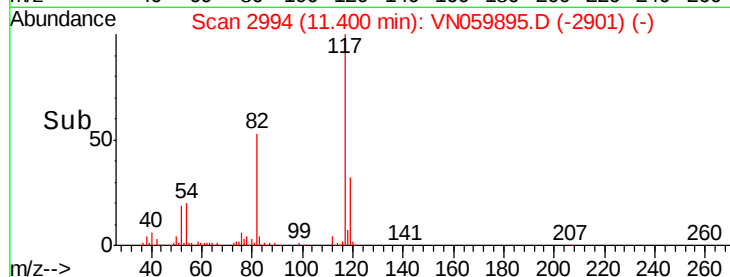
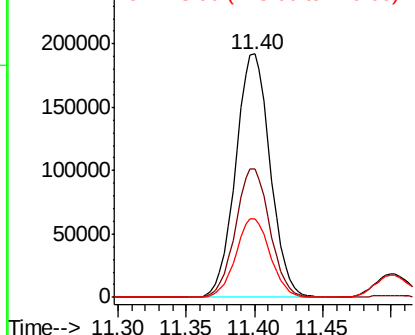
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 337394
Ion Ratio Lower Upper
117 100
82 52.6 45.9 68.9
119 32.3 25.5 38.3

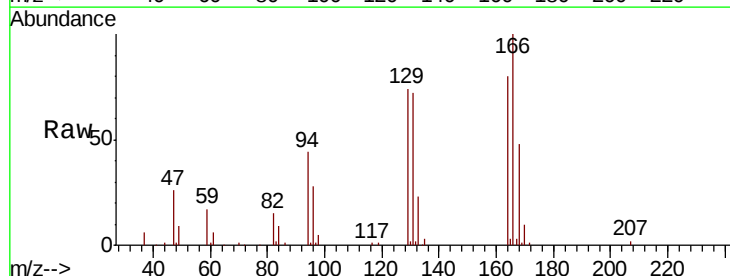


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

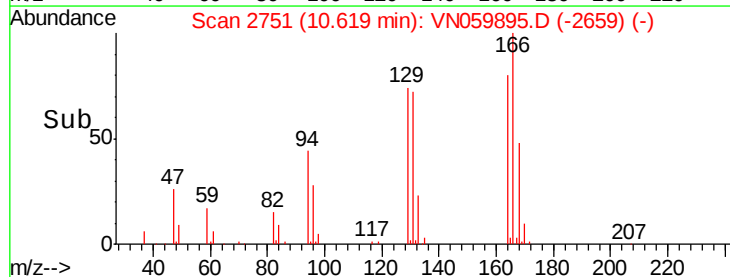
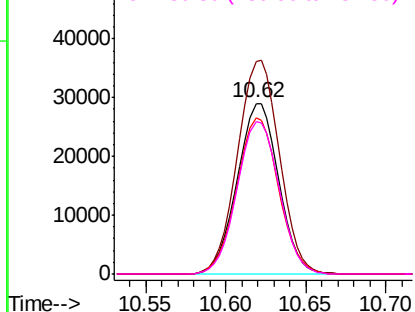


#64
Tetrachloroethene
Concen: 18.685 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion:164 Resp: 51380
Ion Ratio Lower Upper
164 100
166 124.5 101.4 152.0
129 91.6 80.2 120.4
131 89.3 75.0 112.4



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

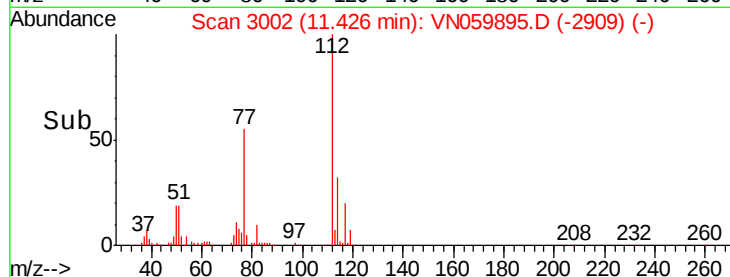
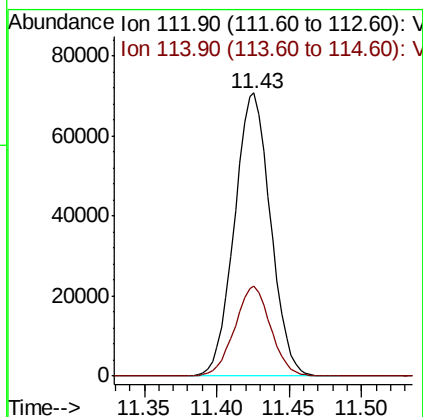
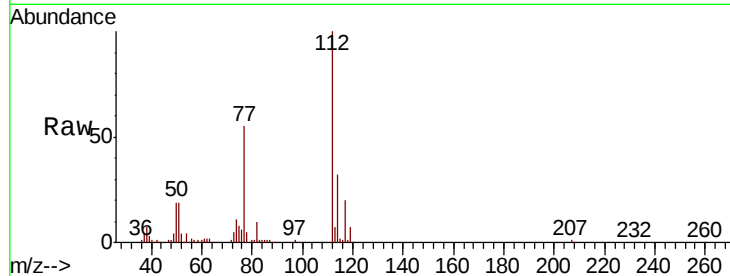




#65
Chlorobenzene
Concen: 18.454 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

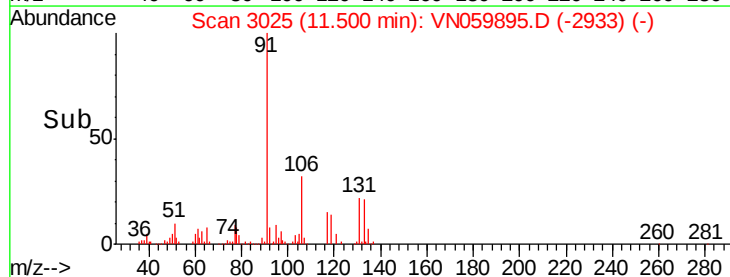
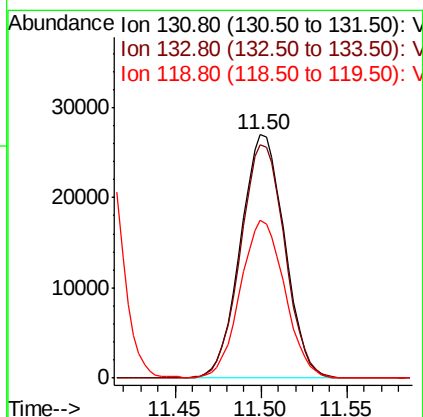
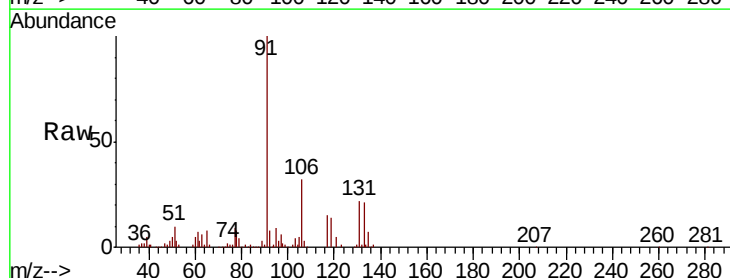
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 122379
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.765 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion:131 Resp: 48084
Ion Ratio Lower Upper
131 100
133 96.6 47.4 142.2
119 65.2 33.1 99.3





#67

Ethyl Benzene

Concen: 17.971 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

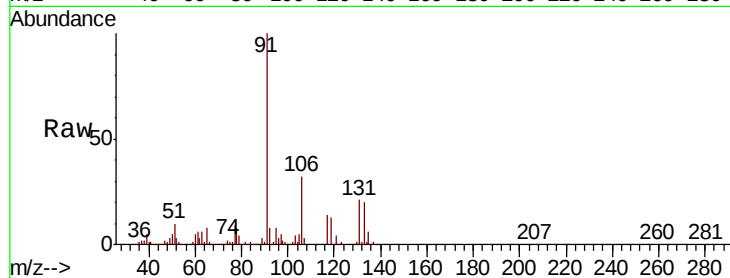
ClientSampled :

Tot Ion: 91 Resp: 216342

Ion Ratio Lower Upper

91 100

106 32.3 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN059690.D (-3011) (-)

Ion 106.00 (105.70 to 106.70): VN059690.D (-3011) (-)

150000

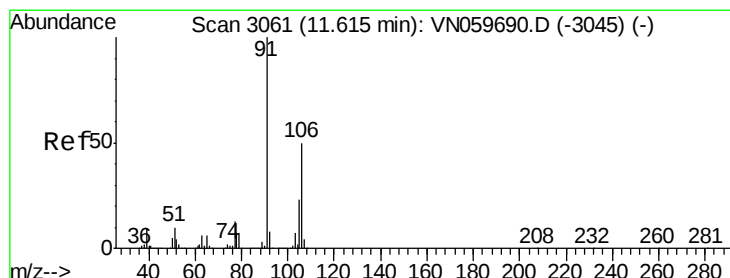
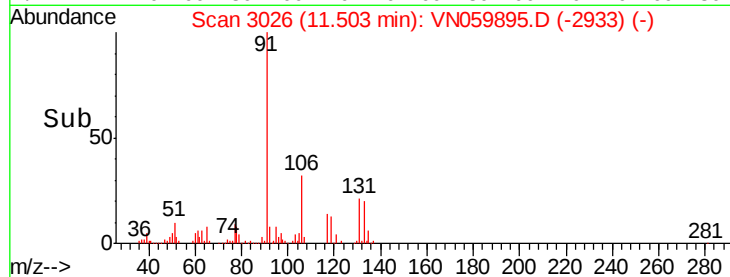
100000

50000

0

11.45 11.50 11.55

Time-->



#68

m/p-Xylenes

Concen: 35.909 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN059895.D

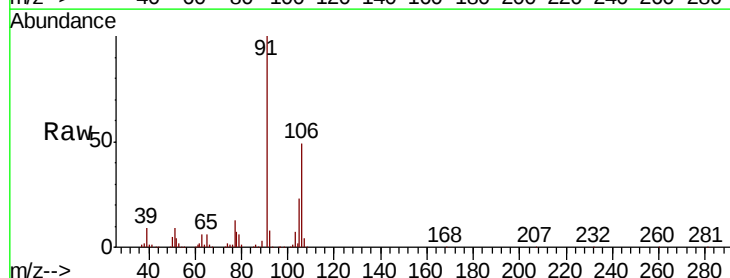
Acq: 28 Jan 2020 14:19

Tgt Ion: 106 Resp: 163293

Ion Ratio Lower Upper

106 100

91 201.5 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059690.D (-3045) (-)

Ion 91.00 (90.70 to 91.70): VN059690.D (-3045) (-)

200000

150000

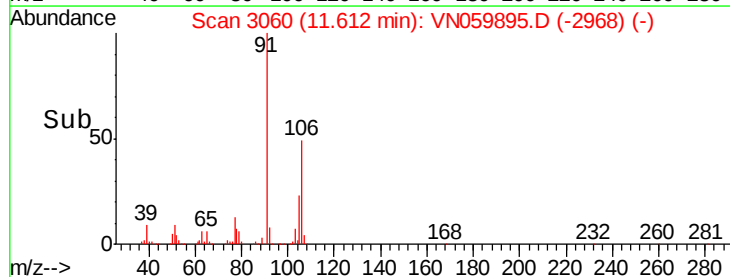
100000

50000

0

11.60 11.61 11.70

Time-->

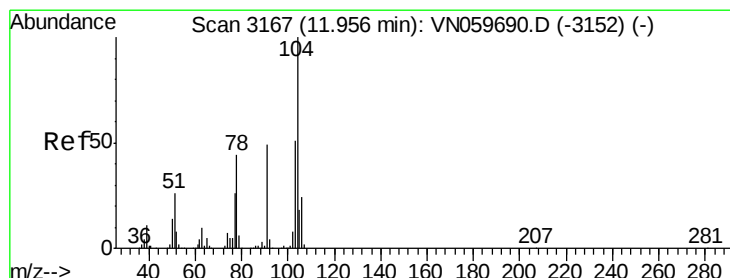
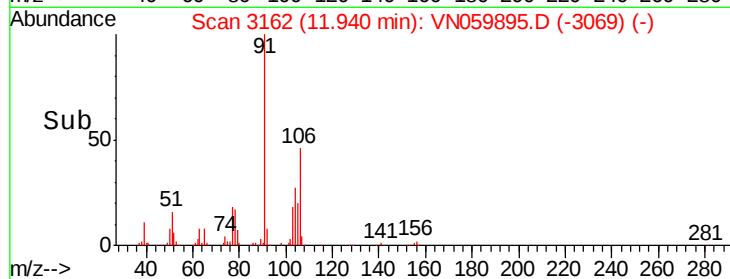
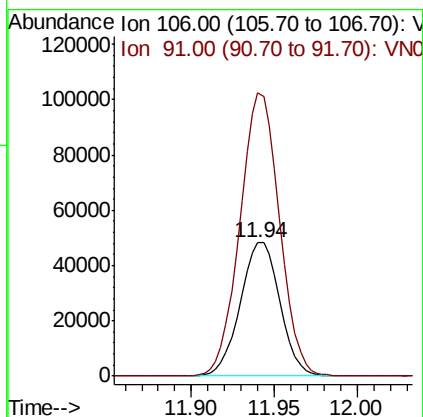
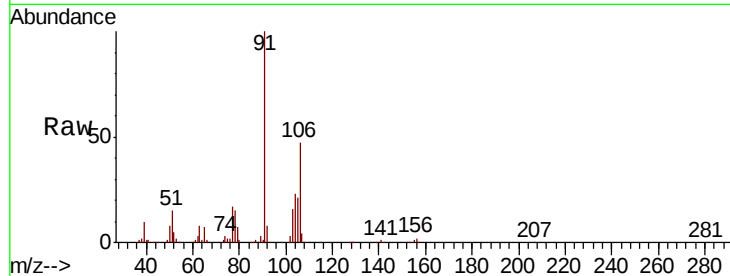




#69
o-Xylene
Concen: 18.090 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

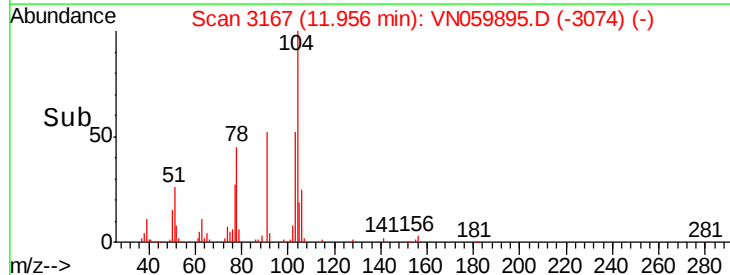
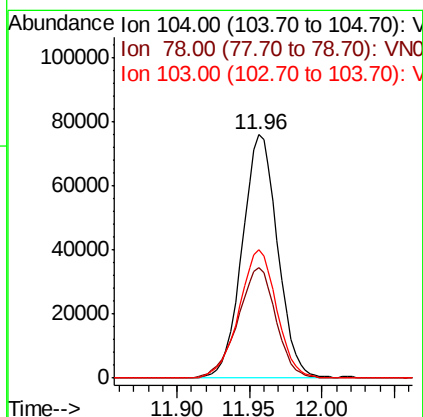
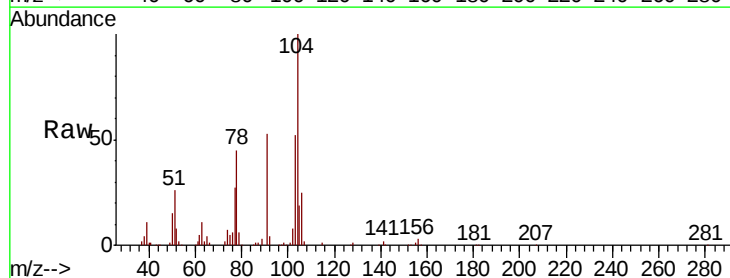
Instrument :
MSVOA_N
ClientSampled :

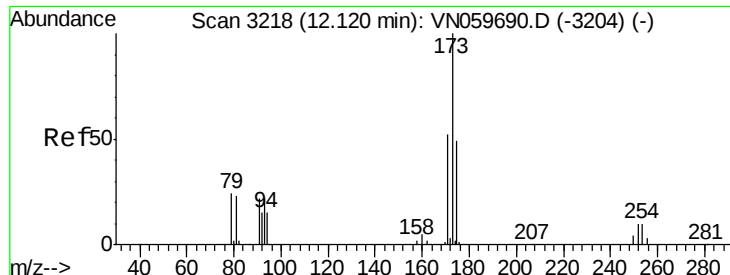
Tot Ion:106 Resp: 80534
Ion Ratio Lower Upper
106 100
91 211.4 110.3 330.9



#70
Styrene
Concen: 17.347 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion:104 Resp: 129226
Ion Ratio Lower Upper
104 100
78 48.8 42.4 63.6
103 55.9 43.9 65.9

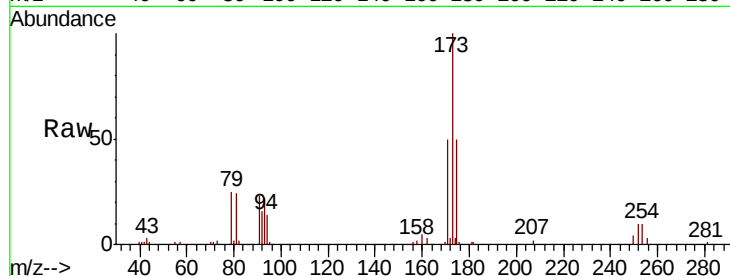




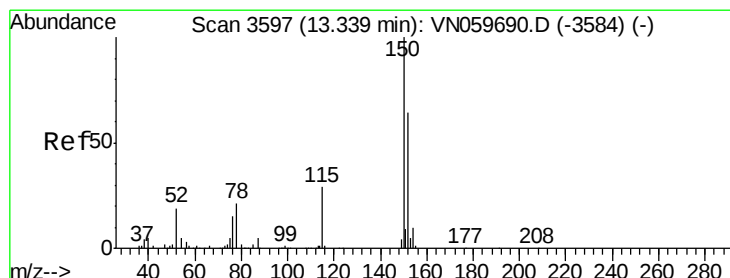
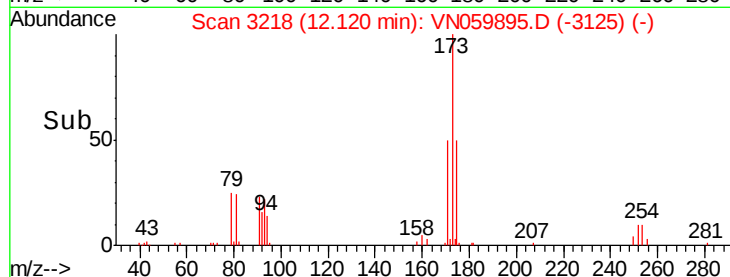
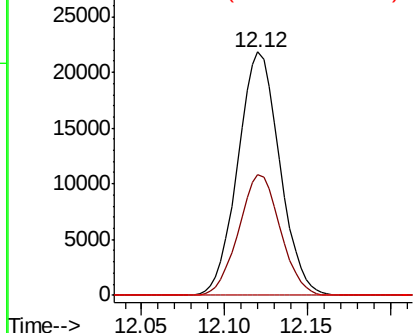
#71
Bromoform
Concen: 18.676 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 38333
Ion Ratio Lower Upper
173 100
175 49.2 23.8 71.4
254 0.0 0.0 0.0

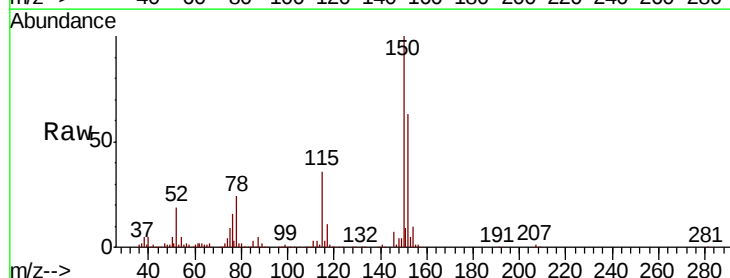


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

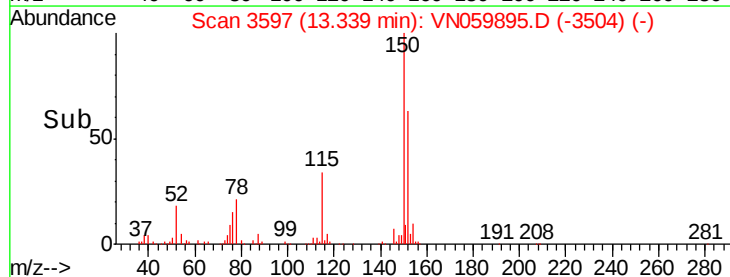
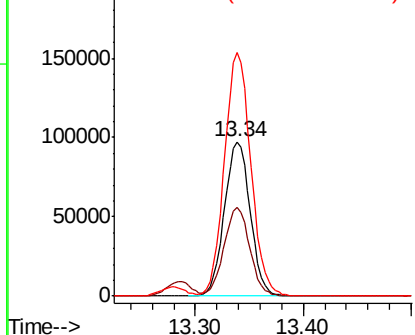


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion:152 Resp: 162076
Ion Ratio Lower Upper
152 100
115 57.7 30.3 90.9
150 161.4 0.0 345.2



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





#73

Isopropylbenzene

Concen: 18.058 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

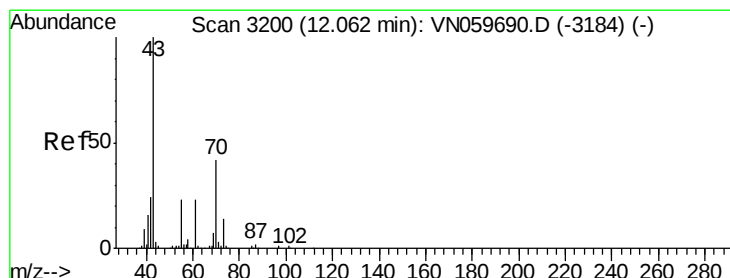
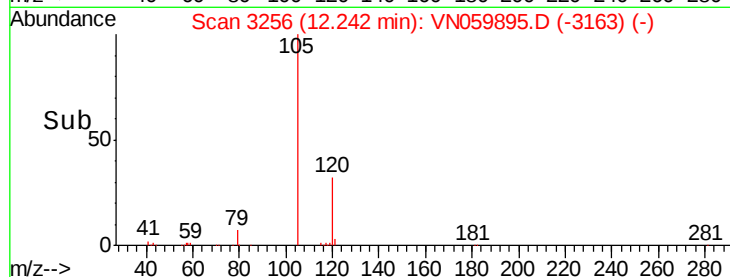
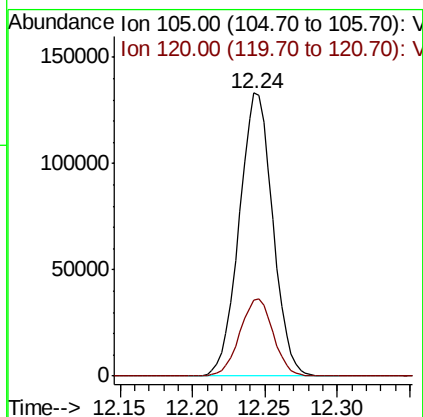
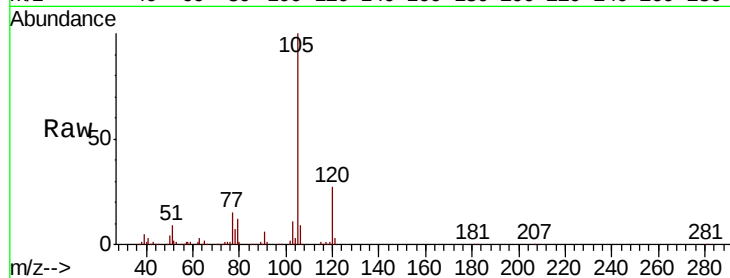
ClientSampled :

Tot Ion:105 Resp: 214648

Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.5



#74

N-ethyl acetate

Concen: 16.351 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Tgt Ion: 43 Resp: 75418

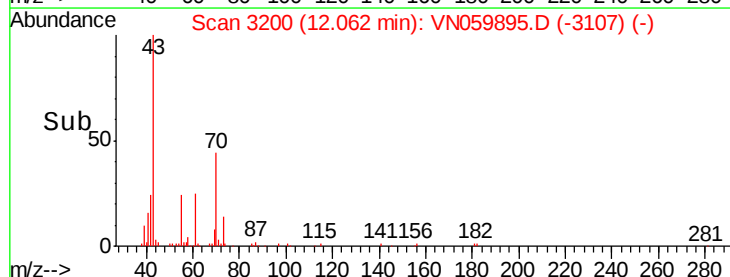
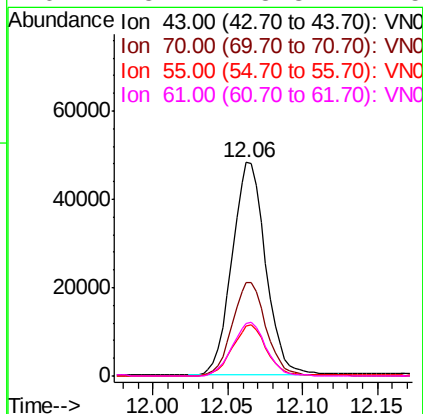
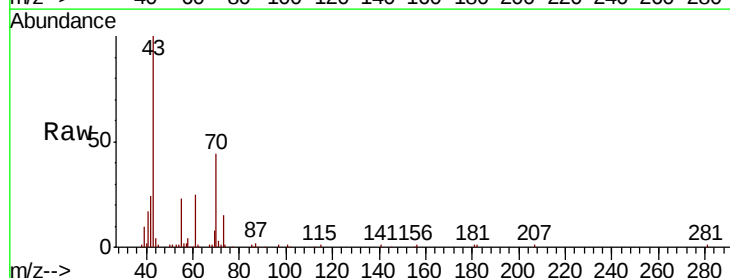
Ion Ratio Lower Upper

43 100

70 44.0 31.3 46.9

55 24.7 19.8 29.6

61 25.2 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 17.734 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

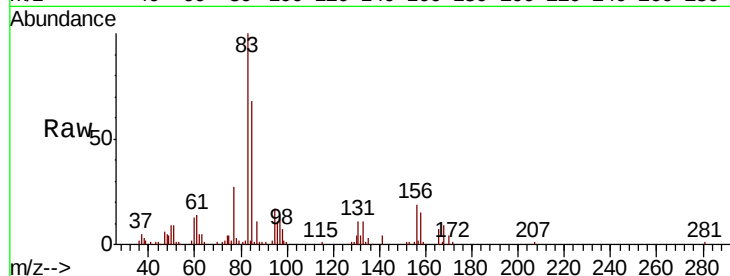
Tot Ion: 83 Resp: 61109

Ion Ratio Lower Upper

83 100

131 11.3 5.0 14.9

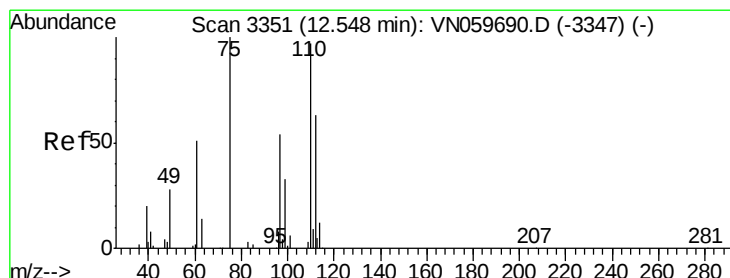
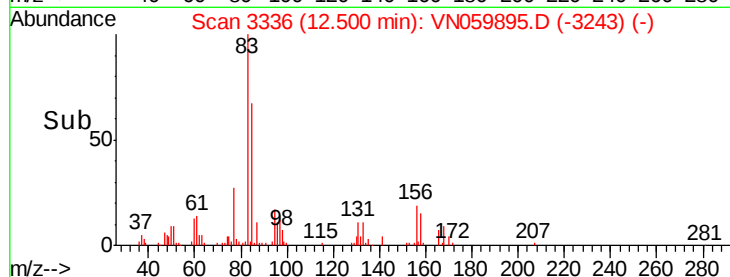
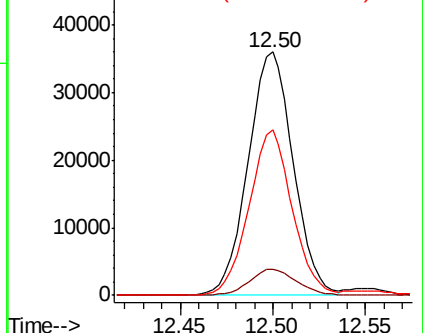
85 65.2 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN059690.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN059690.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN059690.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 30.772 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059895.D

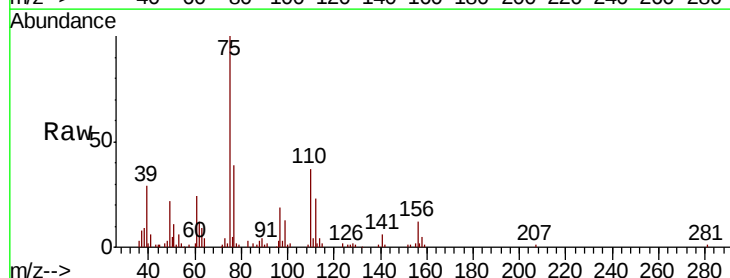
Acq: 28 Jan 2020 14:19

Tgt Ion: 75 Resp: 83934

Ion Ratio Lower Upper

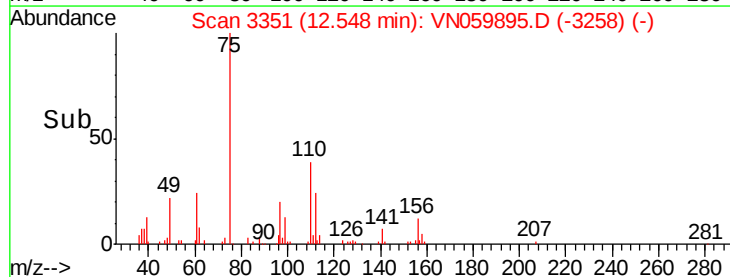
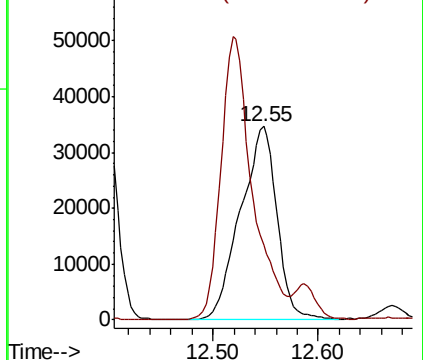
75 100

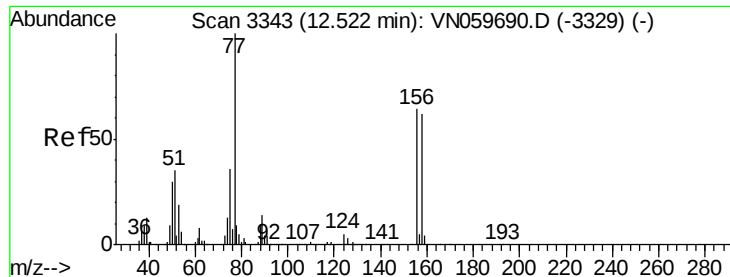
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059690.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN059690.D (-3347) (-)





#77

Bromobenzene

Concen: 24.659 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

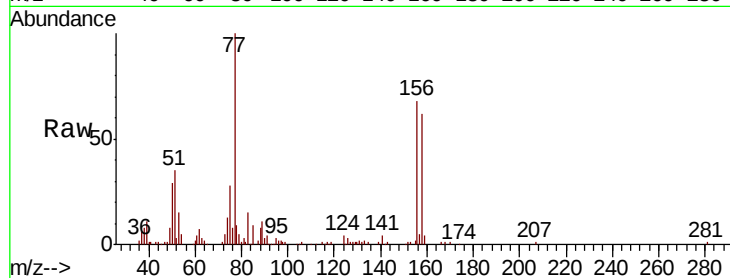
Tot Ion:156 Resp: 74226

Ion Ratio Lower Upper

156 100

77 141.5 115.8 347.4

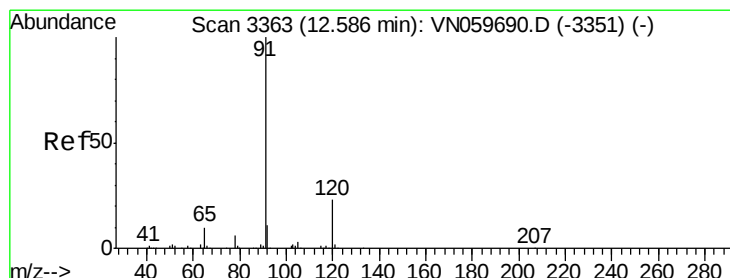
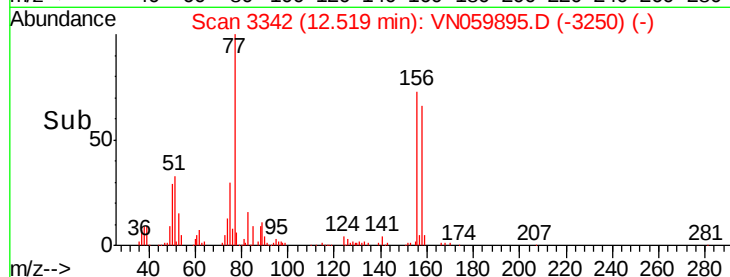
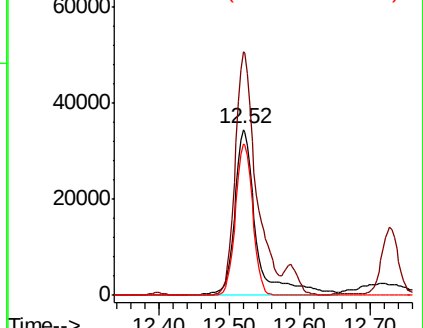
158 72.5 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.919 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059895.D

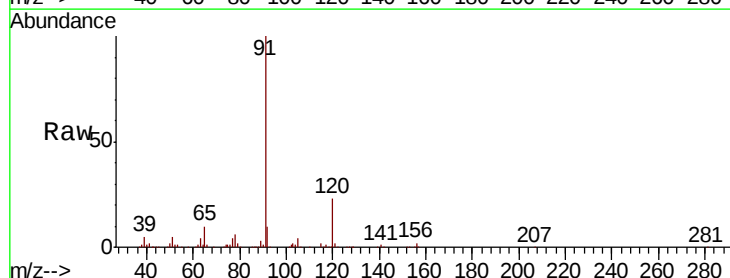
Acq: 28 Jan 2020 14:19

Tgt Ion: 91 Resp: 239066

Ion Ratio Lower Upper

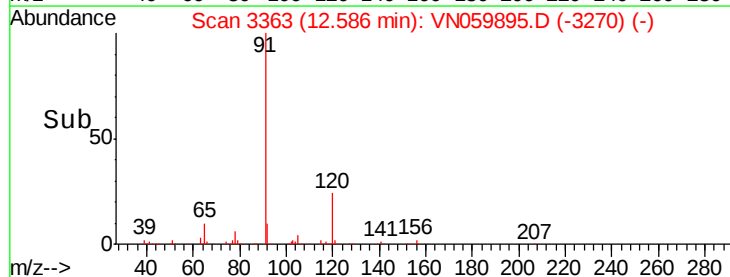
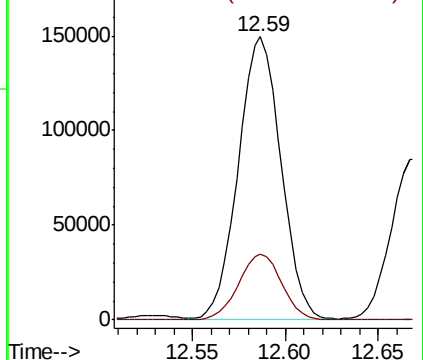
91 100

120 23.4 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: 18.035 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

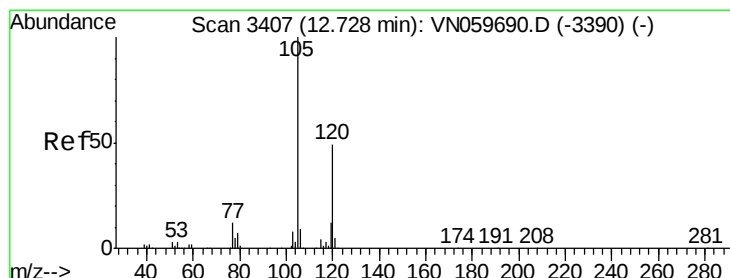
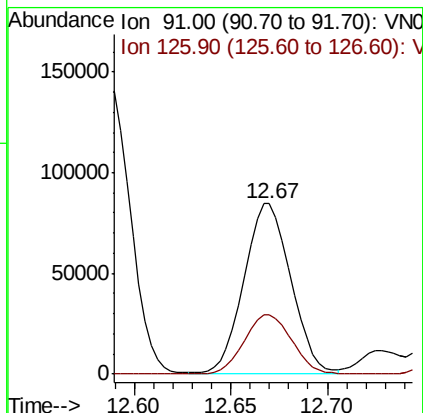
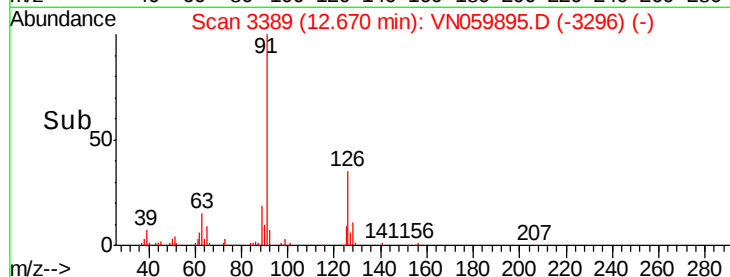
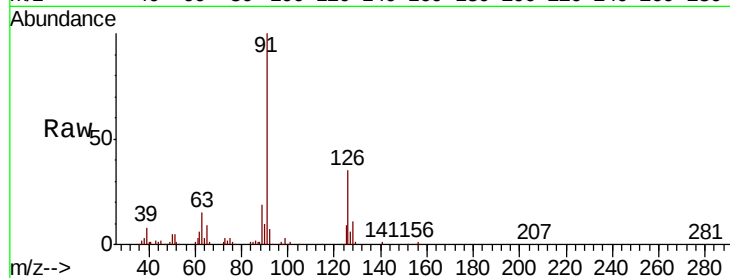
ClientSampled :

Tot Ion: 91 Resp: 143141

Ion Ratio Lower Upper

91 100

126 35.6 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 18.025 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059895.D

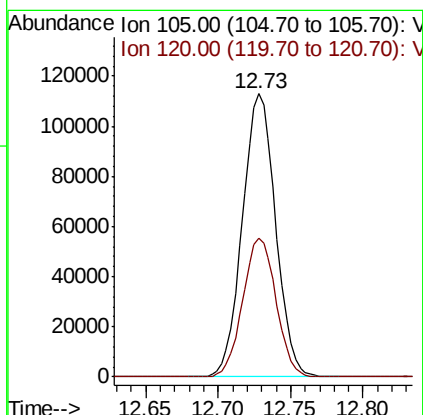
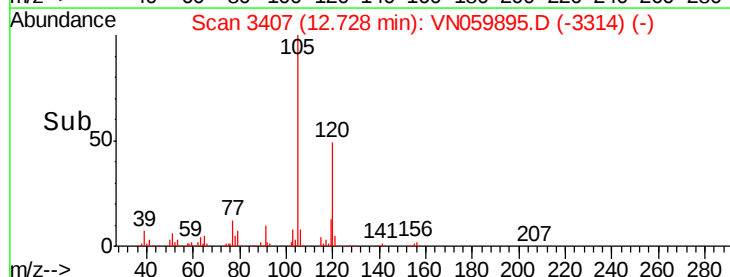
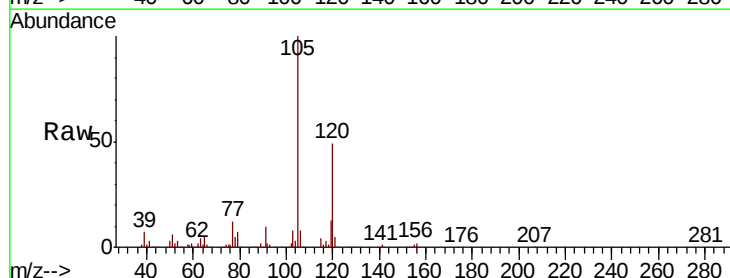
Acq: 28 Jan 2020 14:19

Tgt Ion: 105 Resp: 180193

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.413 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

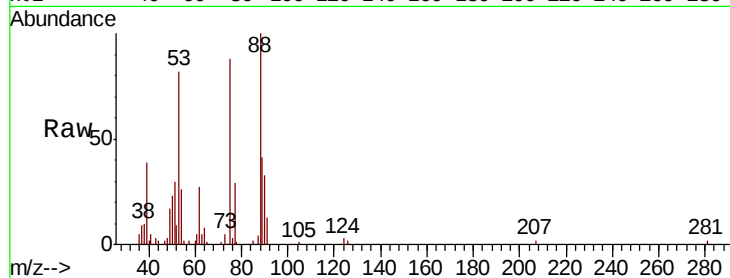
Tot Ion: 75 Resp: 22116

Ion Ratio Lower Upper

75 100

53 92.9 78.1 117.1

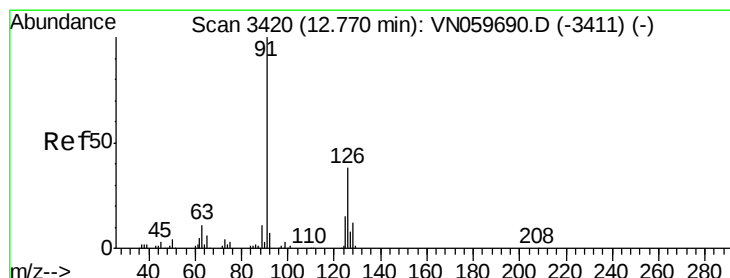
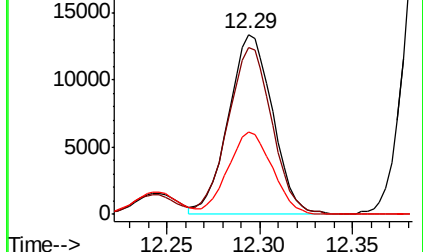
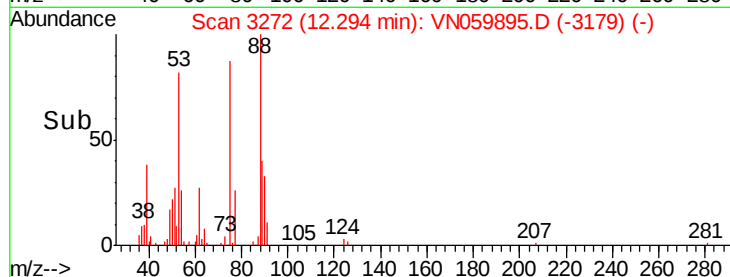
89 46.0 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VN059895.D (-3272) (-)

Ion 53.00 (52.70 to 53.70): VN059895.D (-3272) (-)

Ion 88.90 (88.60 to 89.60): VN059895.D (-3272) (-)



#82

4-Chlorotoluene

Concen: 17.860 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059895.D

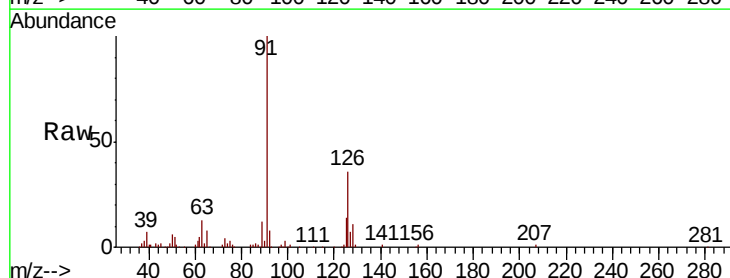
Acq: 28 Jan 2020 14:19

Tgt Ion: 91 Resp: 142182

Ion Ratio Lower Upper

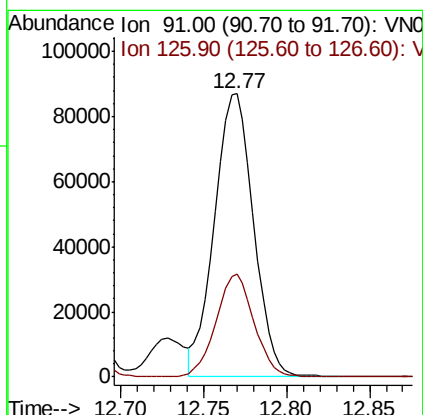
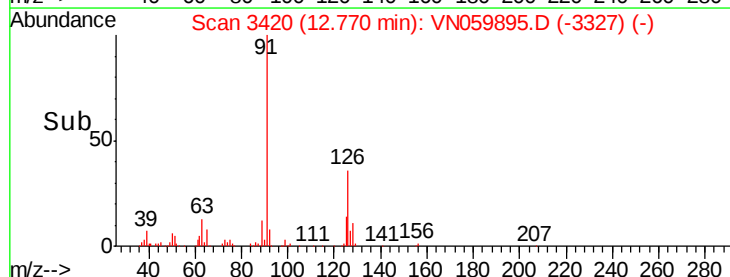
91 100

126 35.4 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN059895.D (-3420) (-)

Ion 125.90 (125.60 to 126.60): VN059895.D (-3420) (-)

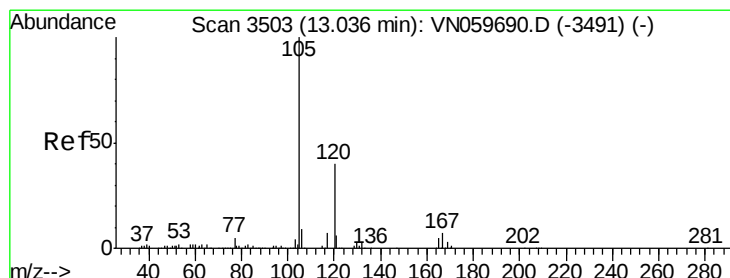
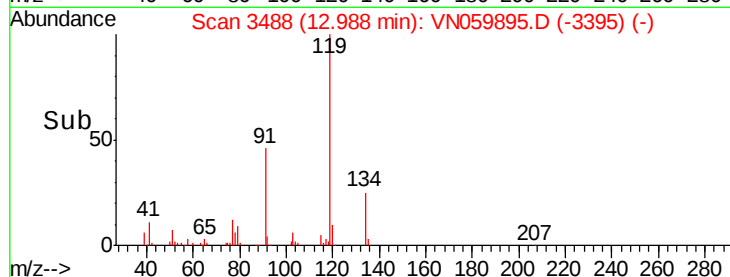
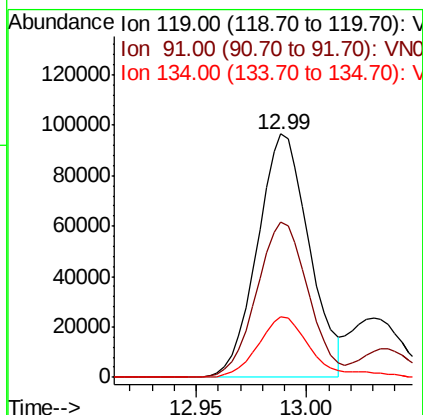
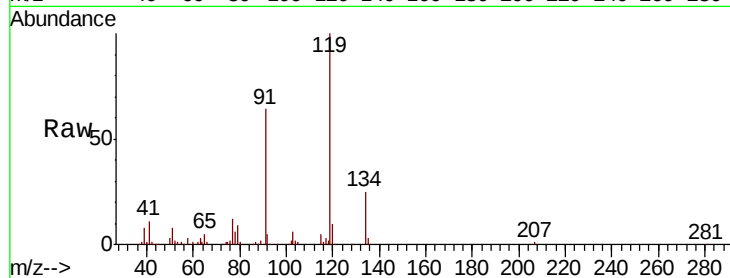




#83
 tert-Butylbenzene
 Concen: 18.171 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

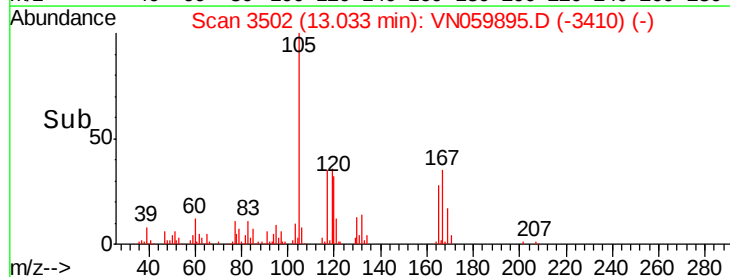
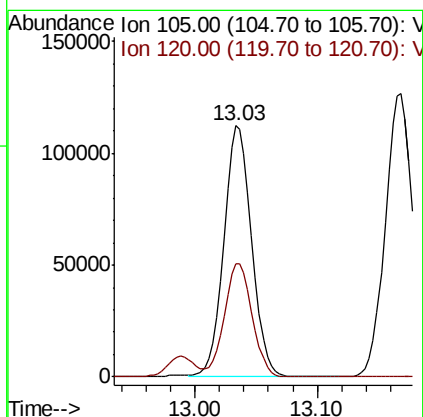
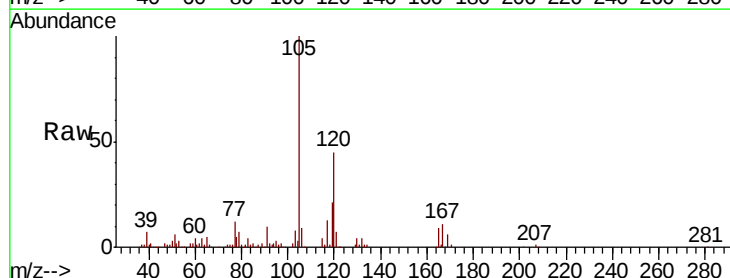
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 157103
 Ion Ratio Lower Upper
 119 100
 91 64.0 34.8 104.4
 134 25.6 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 18.085 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Tgt Ion:105 Resp: 178858
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 17.788 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

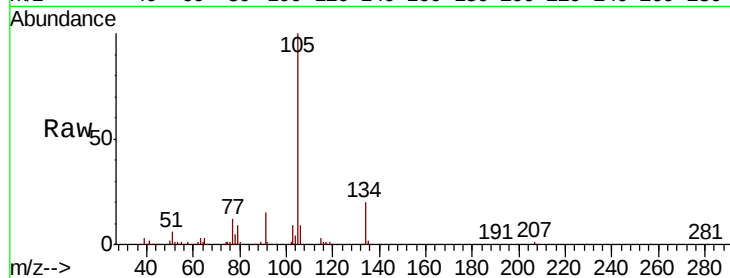
ClientSampleId :

Tot Ion:105 Resp: 202054

Ion Ratio Lower Upper

105 100

134 20.6 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

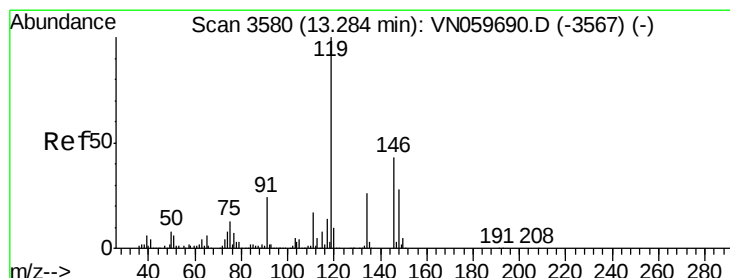
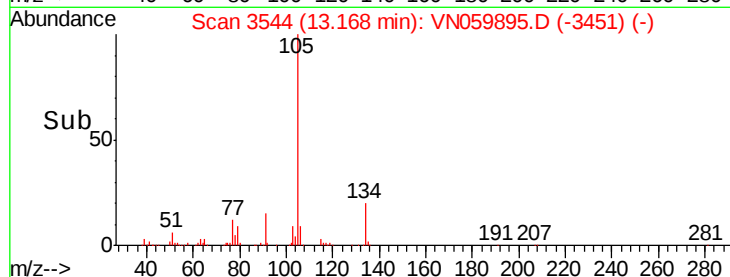
13.17

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 17.604 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

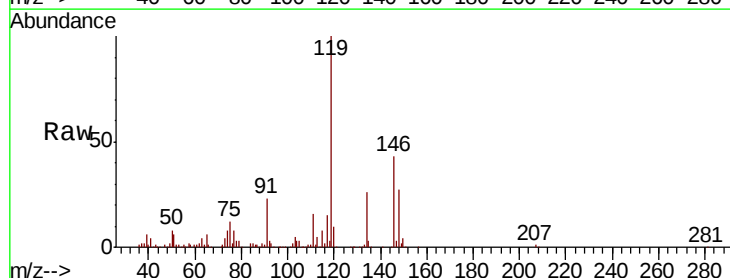
Tgt Ion:119 Resp: 185028

Ion Ratio Lower Upper

119 100

134 27.0 12.9 38.7

91 23.7 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.28

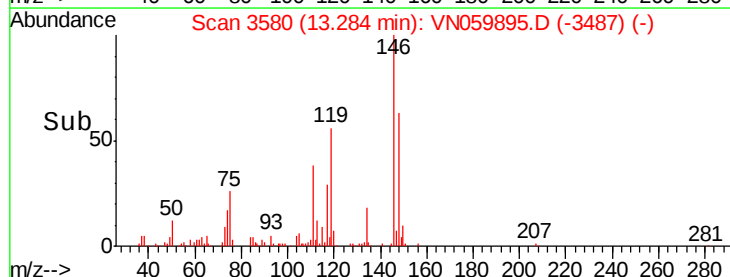
150000

100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.377 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059895.D

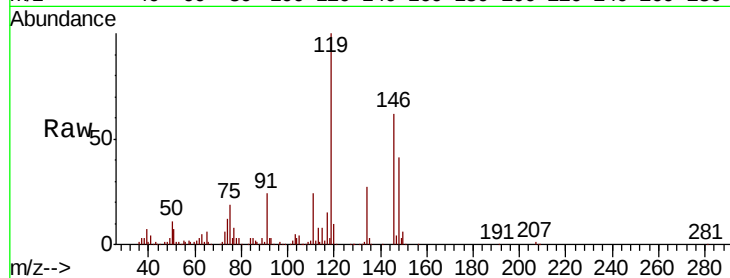
Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:146	Resp:	96090
Ion Ratio	Lower	Upper
146	100	
111	38.3	20.8 62.2
148	63.4	32.0 96.0

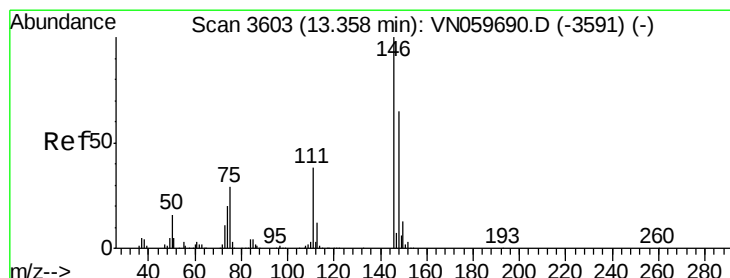
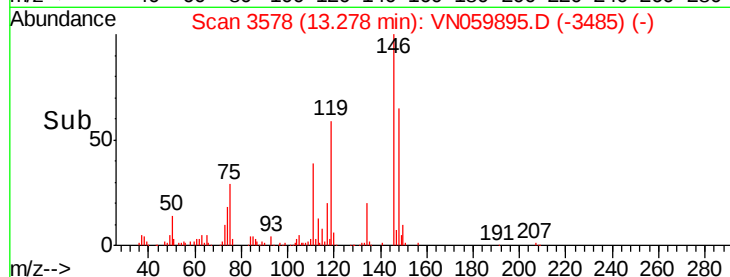
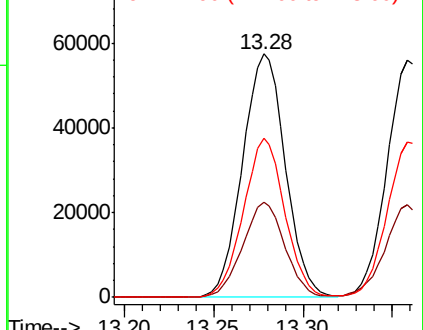


Abundance

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



#88

1,4-Dichlorobenzene

Concen: 17.850 ug/l

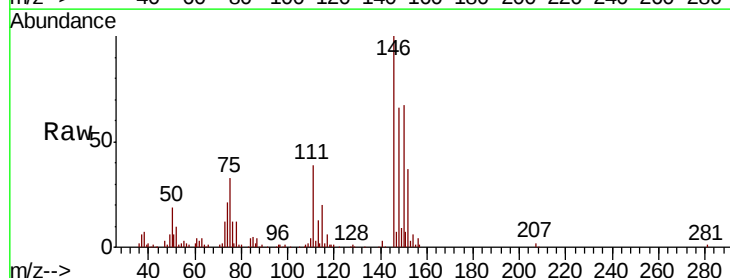
RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Tgt Ion:146	Resp:	93108
Ion Ratio	Lower	Upper
146	100	
111	39.7	20.8 62.2
148	65.7	31.8 95.4

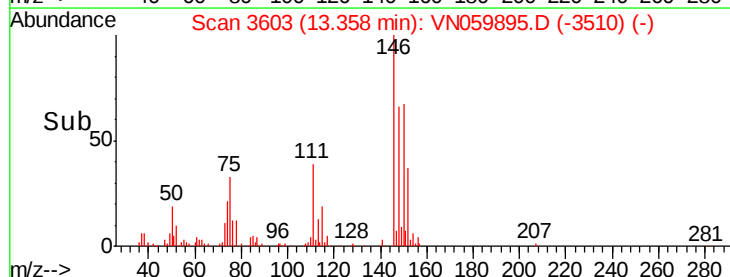
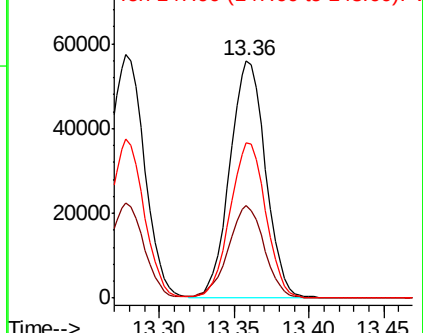


Abundance

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

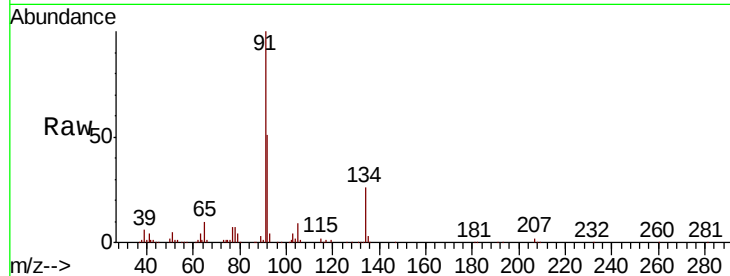




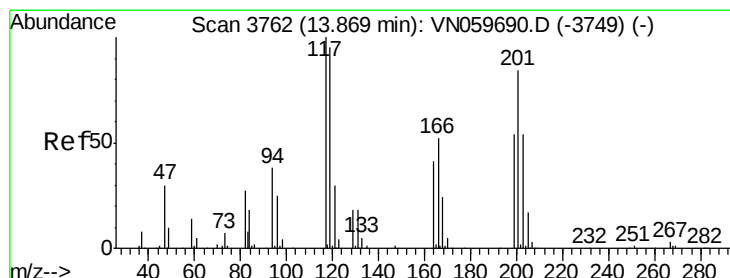
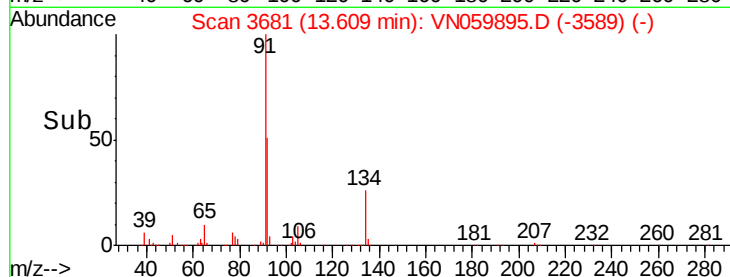
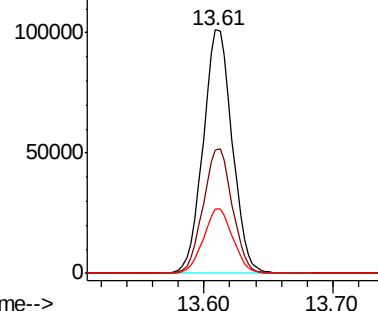
#89
n-Butylbenzene
Concen: 17.710 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 158718
Ion Ratio Lower Upper
91 100
92 51.1 25.9 77.7
134 26.6 12.3 36.8

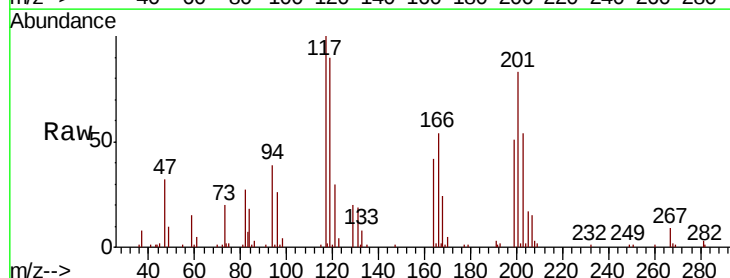


Abundance Ion 91.00 (90.70 to 91.70): VN059690.D (-3667) (-)
Ion 92.00 (91.70 to 92.70): VN059690.D (-3667) (-)
Ion 134.00 (133.70 to 134.70): VN059690.D (-3667) (-)

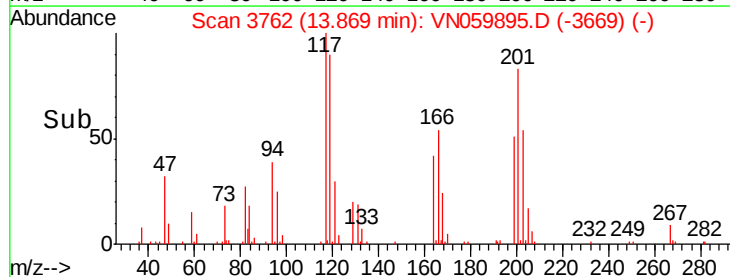
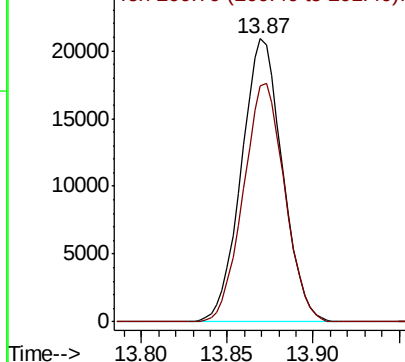


#90
Hexachloroethane
Concen: 17.614 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion: 117 Resp: 34638
Ion Ratio Lower Upper
117 100
201 84.6 37.8 113.4



Abundance Ion 116.80 (116.50 to 117.50): VN059690.D (-3749) (-)
Ion 200.70 (200.40 to 201.40): VN059690.D (-3749) (-)

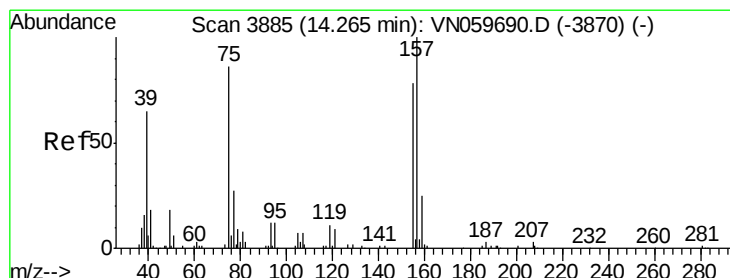
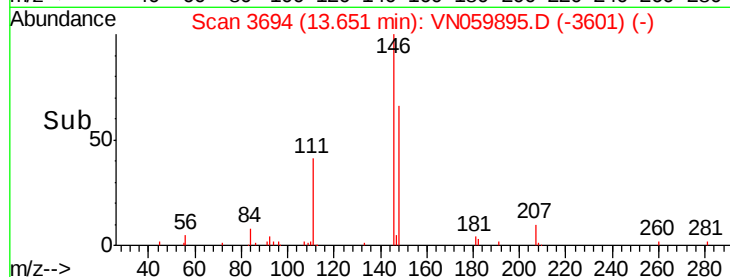
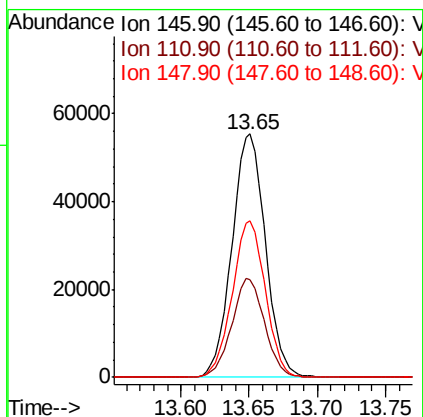
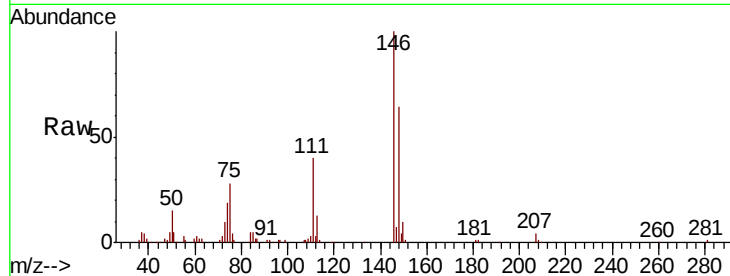




#91
 1,2-Dichlorobenzene
 Concen: 18.283 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

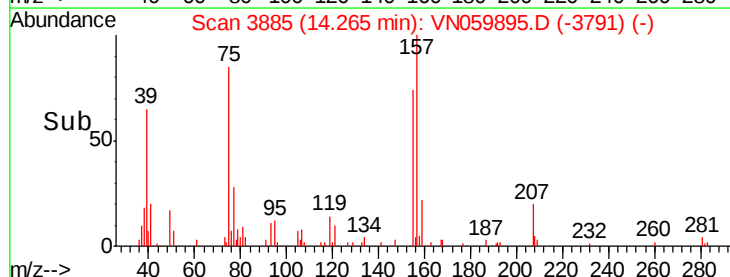
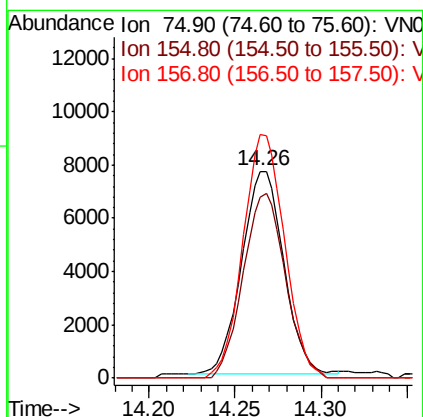
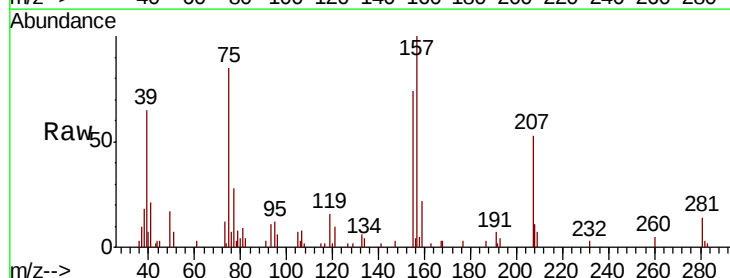
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	21.6	64.8
148	63.3	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.047 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.4	37.0	110.9
157	118.5	48.4	145.2

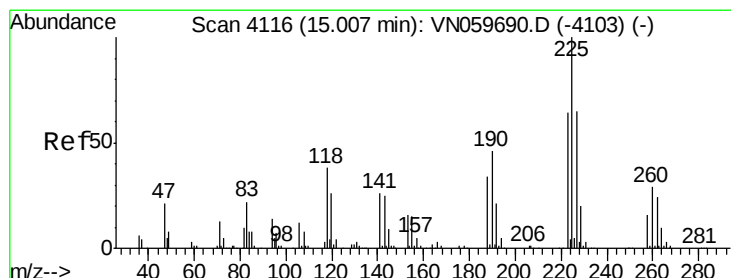
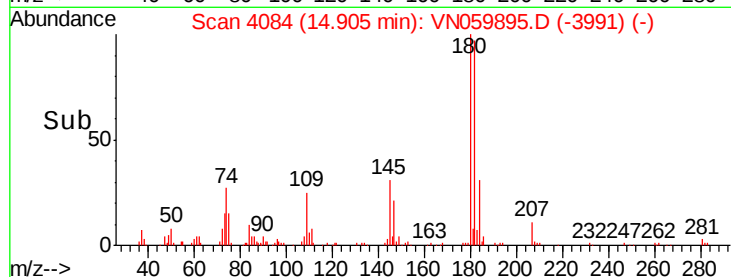
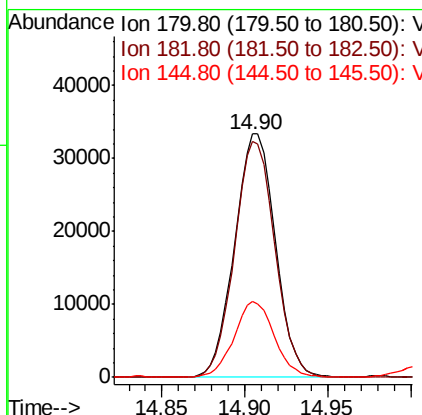
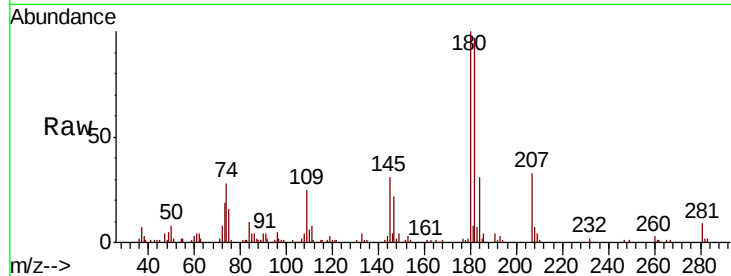




#93
 1,2,4-Trichlorobenzene
 Concen: 18.354 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

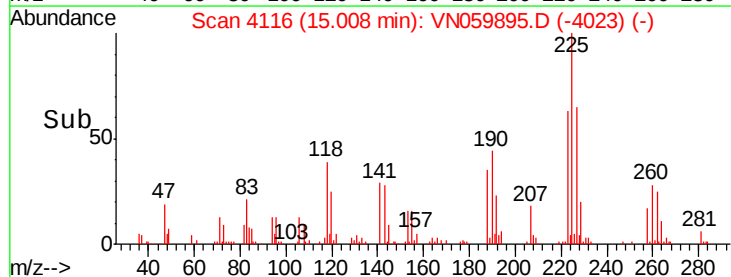
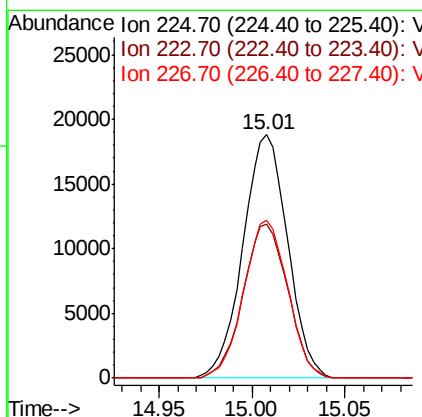
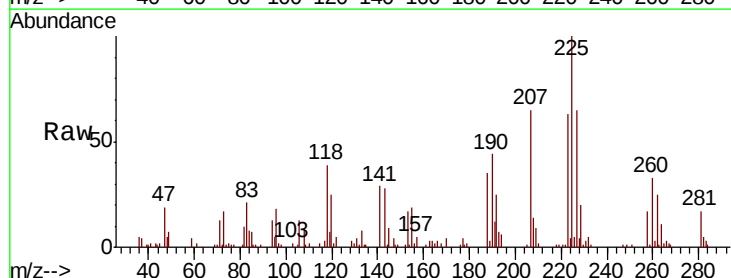
Instrument :
 MSVOA_N
 ClientSampled :

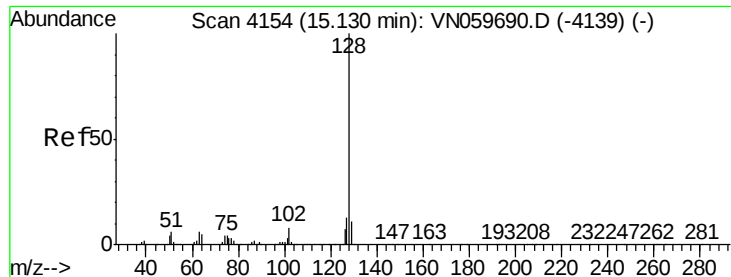
Tot Ion:180 Resp: 57009
 Ion Ratio Lower Upper
 180 100
 182 95.9 46.9 140.7
 145 30.7 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 18.381 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Tgt Ion:225 Resp: 31462
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.8 95.3
 227 63.7 32.1 96.5

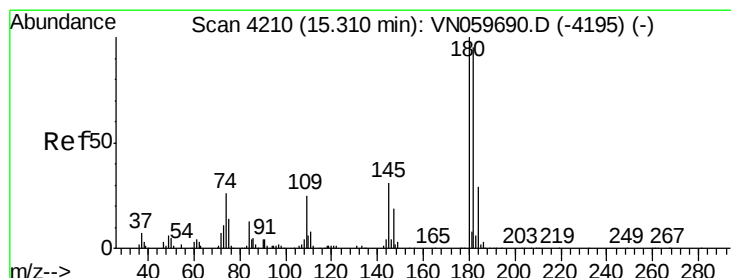
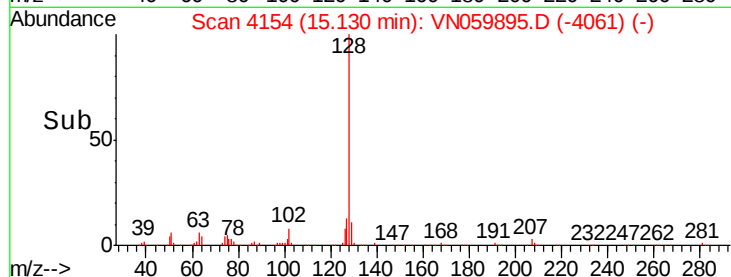
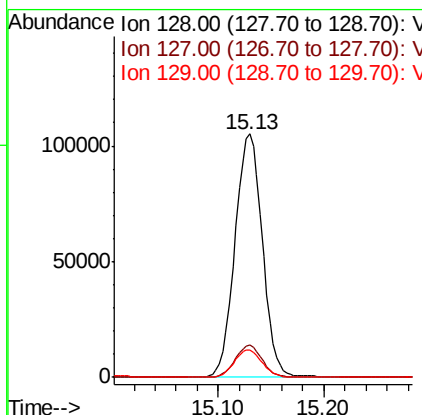
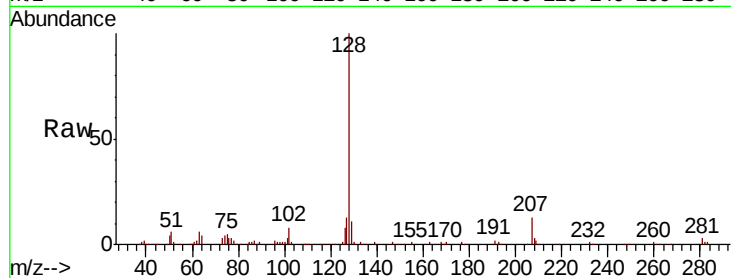




#95
Naphthalene
Concen: 21.455 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.4	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.347 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.3
145	33.3	16.3	48.9

