

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
 Data File : VN059783.D
 Acq On : 20 Jan 2020 13:47
 Operator : JC/MD
 Sample : VN0120MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 21 01:17:17 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	190510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	289548	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	262173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	125003	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	107663	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
35) Dibromofluoromethane	7.56	113	91258	52.85	ug/l	0.00
Spiked Amount			Recovery	=	105.70%	
50) Toluene-d8	10.08	98	340150	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.40	95	119187	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	43918	19.231	ug/l	97
3) Chloromethane	2.03	50	41258	18.916	ug/l	98
4) Vinyl Chloride	2.17	62	50072	20.065	ug/l	98
5) Bromomethane	2.54	94	30983	20.344	ug/l	98
6) Chloroethane	2.68	64	22816	19.325	ug/l	98
7) Trichlorofluoromethane	3.00	101	58622	19.560	ug/l	100
8) Diethyl Ether	3.38	74	22132	21.042	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.74	101	34135	20.464	ug/l	90
10) Methyl Iodide	3.93	142	51458	19.085	ug/l	96
11) Tert butyl alcohol	4.73	59	37067	104.074	ug/l	99
12) 1,1-Dichloroethene	3.72	96	33568	19.259	ug/l	88
13) Acrolein	3.58	56	15043	59.666	ug/l	97
14) Allyl chloride	4.29	41	50315	21.417	ug/l #	94
15) Acrylonitrile	4.95	53	81453	100.258	ug/l	99
16) Acetone	3.78	43	74319	96.861	ug/l	96
17) Carbon Disulfide	4.03	76	90937	18.315	ug/l	100
18) Methyl Acetate	4.29	43	49630	20.083	ug/l	93
19) Methyl tert-butyl Ether	5.00	73	117195	20.623	ug/l	94
20) Methylene Chloride	4.52	84	38773	19.466	ug/l	87
21) trans-1,2-Dichloroethene	5.01	96	36508	19.705	ug/l	85
22) Diisopropyl ether	5.92	45	104269	19.585	ug/l #	97
23) Vinyl Acetate	5.86	43	406612	98.643	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	62880	19.329	ug/l	98
25) 2-Butanone	6.80	43	109481	91.380	ug/l	93
26) 2,2-Dichloropropane	6.80	77	60515	19.350	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	42810	20.089	ug/l	86
28) Bromochloromethane	7.17	49	24047	18.495	ug/l #	73
29) Tetrahydrofuran	7.18	42	71594	96.582	ug/l	88
30) Chloroform	7.35	83	67087	19.904	ug/l	99
31) Cyclohexane	7.63	56	57766	18.454	ug/l #	88
32) 1,1,1-Trichloroethane	7.54	97	61765	19.819	ug/l	96
36) 1,1-Dichloropropene	7.77	75	49051	19.453	ug/l	95
37) Ethyl Acetate	6.90	43	45624	19.292	ug/l	95
38) Carbon Tetrachloride	7.75	117	53962	19.674	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
 Data File : VN059783.D
 Acq On : 20 Jan 2020 13:47
 Operator : JC/MD
 Sample : VN0120MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 21 01:17:17 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)

39) Methylcyclohexane	9.06	83	59166	19.030	ug/l	90
40) Benzene	8.02	78	147275	19.584	ug/l	100
41) Methacrylonitrile	7.14	41	17440	14.972	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	51831	20.328	ug/l	96
43) Isopropyl Acetate	8.14	43	78228	19.231	ug/l #	94
44) Trichloroethene	8.82	130	42588	20.745	ug/l	96
45) 1,2-Dichloropropane	9.10	63	37514	20.160	ug/l	98
46) Dibromomethane	9.19	93	27205	20.725	ug/l	90
47) Bromodichloromethane	9.39	83	55403	20.945	ug/l	99
48) Methyl methacrylate	9.18	41	33838	18.597	ug/l	89
49) 1,4-Dioxane	9.18	88	15279	458.709	ug/l	91
51) 4-Methyl-2-Pentanone	9.97	43	225228	95.782	ug/l	94
52) Toluene	10.14	92	94724	19.942	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	60296	20.415	ug/l	97
54) cis-1,3-Dichloropropene	9.82	75	63413	20.405	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	38636	20.537	ug/l	97
56) Ethyl methacrylate	10.42	69	55963	19.468	ug/l	90
57) 1,3-Dichloropropane	10.70	76	61235	20.502	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	89790	103.704	ug/l	90
59) 2-Hexanone	10.74	43	162293	93.685	ug/l	93
60) Dibromochloromethane	10.89	129	45103	21.053	ug/l	97
61) 1,2-Dibromoethane	10.99	107	41498	21.046	ug/l	98
64) Tetrachloroethene	10.62	164	42445	19.864	ug/l	95
65) Chlorobenzene	11.43	112	102914	19.971	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	40489	20.334	ug/l	98
67) Ethyl Benzene	11.51	91	181860	19.441	ug/l	98
68) m/p-Xylenes	11.62	106	139782	39.558	ug/l	93
69) o-Xylene	11.94	106	68569	19.821	ug/l	92
70) Styrene	11.96	104	111124	19.196	ug/l	96
71) Bromoform	12.12	173	32478	20.363	ug/l #	98
73) Isopropylbenzene	12.25	105	182279	19.883	ug/l	99
74) N-amyl acetate	12.07	43	64567	18.150	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	52438	19.731	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	70798	33.654	ug/l #	100
77) Bromobenzene	12.52	156	46714	20.121	ug/l	81
78) n-propylbenzene	12.59	91	200505	19.486	ug/l	96
79) 2-Chlorotoluene	12.67	91	119111	19.458	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	151431	19.641	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	19030	19.426	ug/l	94
82) 4-Chlorotoluene	12.77	91	121824	19.842	ug/l	96
83) tert-Butylbenzene	12.99	119	130608	19.587	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	152278	19.964	ug/l	98
85) sec-Butylbenzene	13.17	105	172294	19.666	ug/l	99
86) p-Isopropyltoluene	13.28	119	158646	19.570	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	81181	20.130	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	80830	20.092	ug/l	97
89) n-Butylbenzene	13.61	91	131945	19.089	ug/l	97
90) Hexachloroethane	13.87	117	29530	19.470	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	81409	20.420	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11939	19.662	ug/l	87

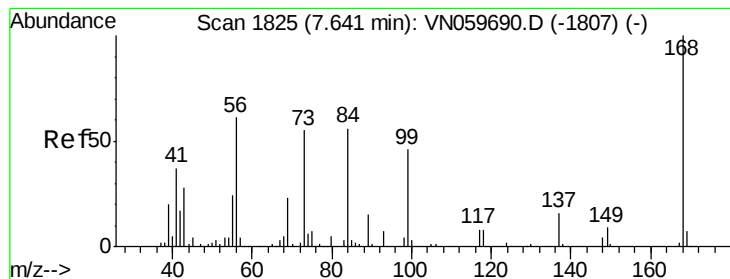
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012020\
Data File : VN059783.D
Acq On : 20 Jan 2020 13:47
Operator : JC/MD
Sample : VN0120MBSD01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 21 01:17:17 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)
93) 1,2,4-Trichlorobenzene	14.91	180	49844	20.806	ug/l	98
94) Hexachlorobutadiene	15.01	225	26594	20.145	ug/l	99
95) Naphthalene	15.13	128	140473	20.615	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	49883	21.392	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: VN059783.D

Acq: 20 Jan 2020 13:47

Instrument :

MSVOA_N

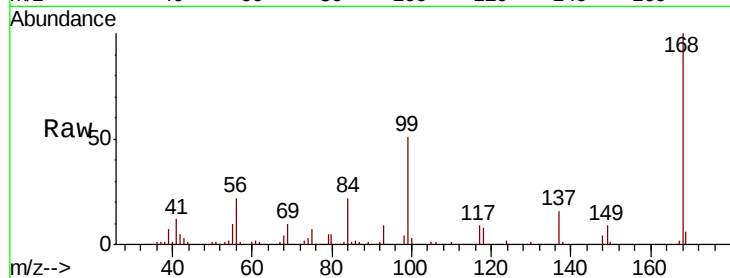
ClientSampled :

Tot Ion:168 Resp: 190510

Ion Ratio Lower Upper

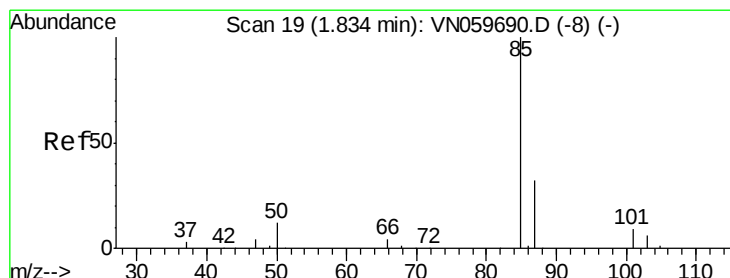
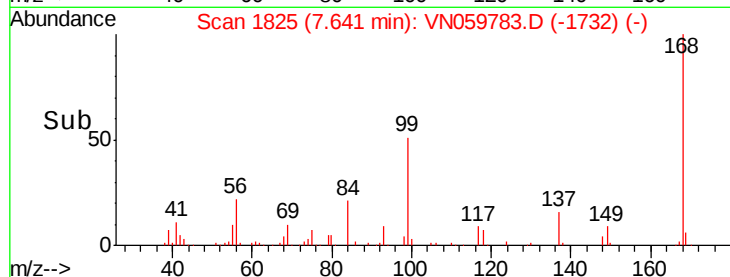
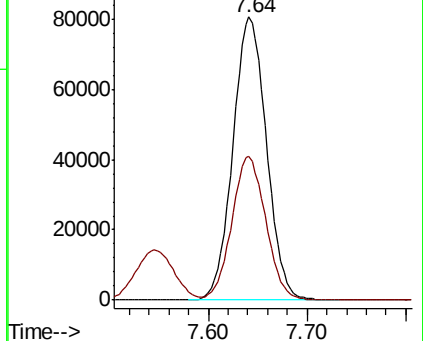
168 100

99 51.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 19.231 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059783.D

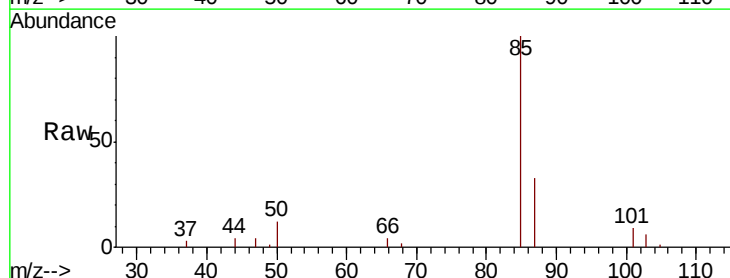
Acq: 20 Jan 2020 13:47

Tgt Ion: 85 Resp: 43918

Ion Ratio Lower Upper

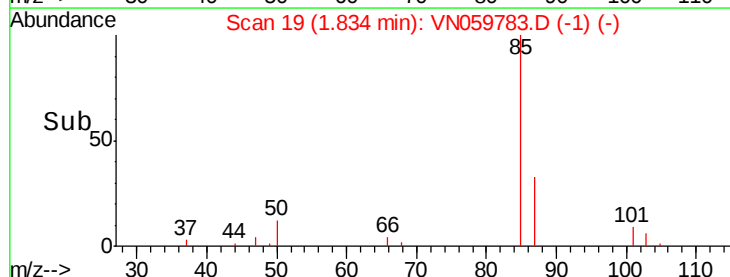
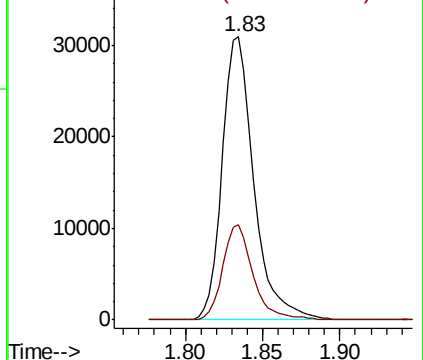
85 100

87 33.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 18.916 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Instrument :

MSVOA_N

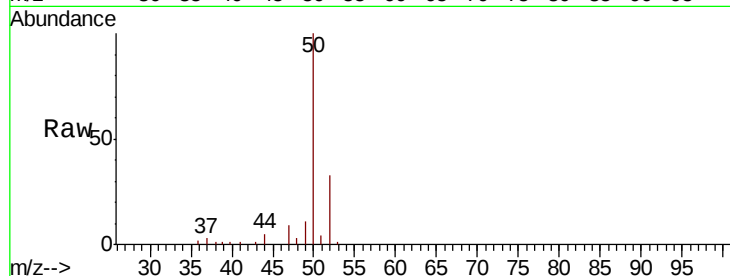
ClientSampleId :

Tot Ion: 50 Resp: 41258

Ion Ratio Lower Upper

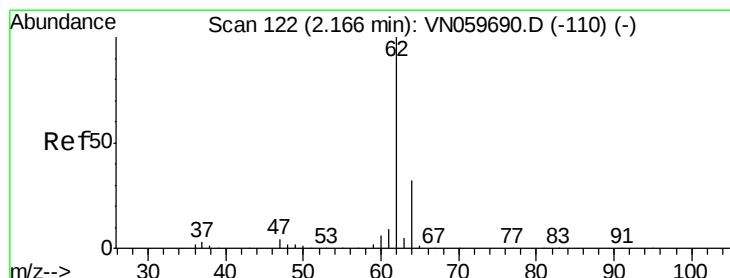
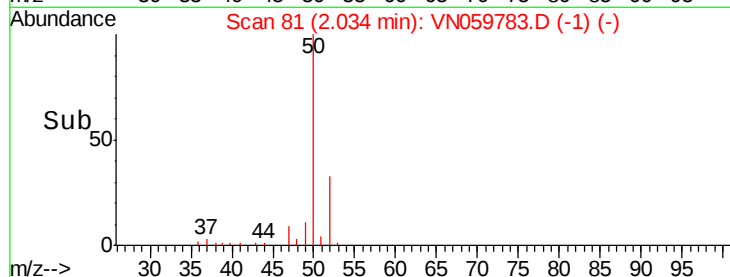
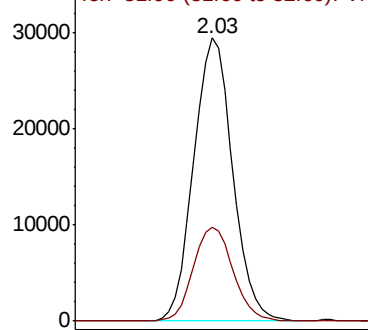
50 100

52 33.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 20.065 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059783.D

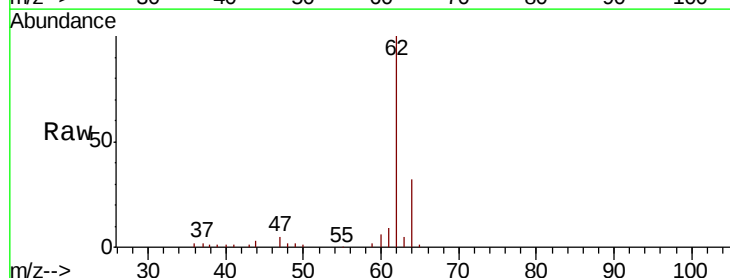
Acq: 20 Jan 2020 13:47

Tgt Ion: 62 Resp: 50072

Ion Ratio Lower Upper

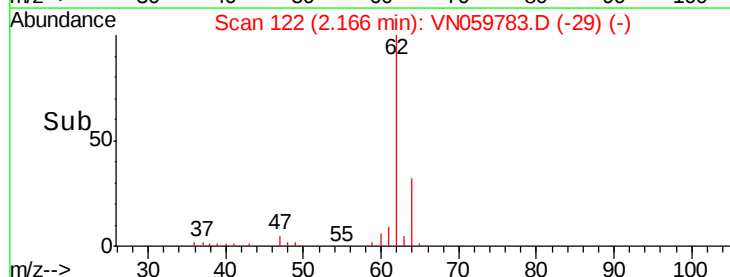
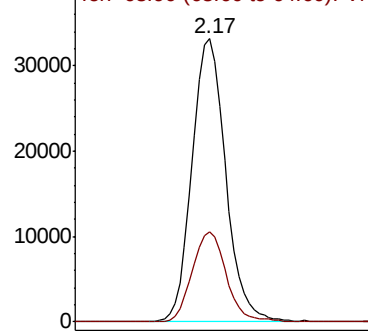
62 100

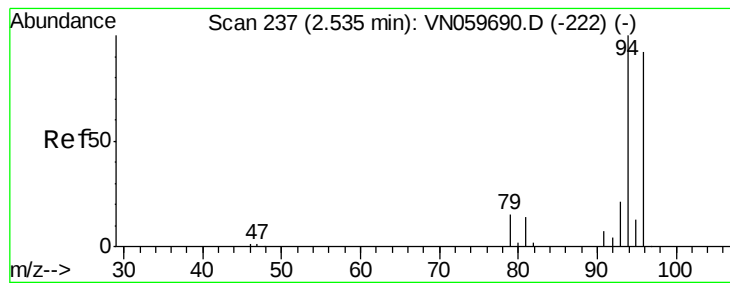
64 31.9 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 20.344 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Instrument :

MSVOA_N

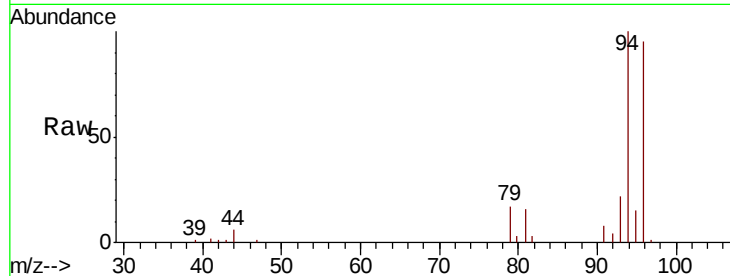
ClientSampleId :

Tot Ion: 94 Resp: 30983

Ion Ratio Lower Upper

94 100

96 95.4 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

15000

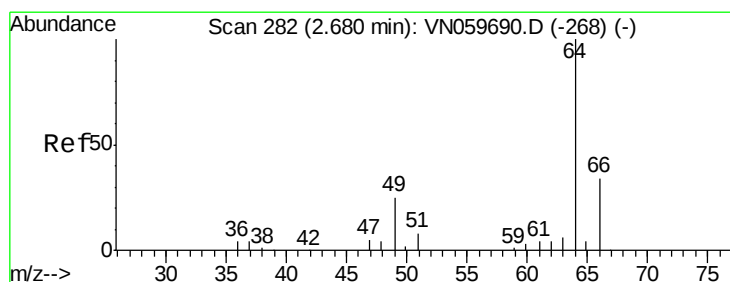
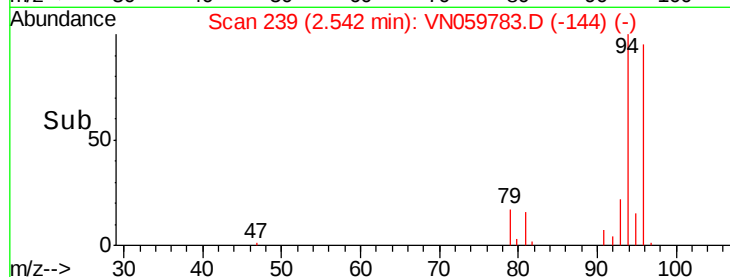
10000

5000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 19.325 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059783.D

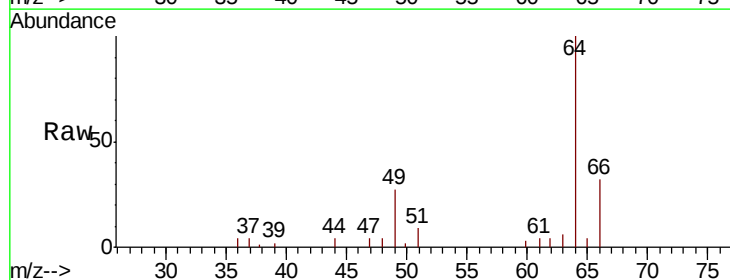
Acq: 20 Jan 2020 13:47

Tgt Ion: 64 Resp: 22816

Ion Ratio Lower Upper

64 100

66 32.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

12000

10000

8000

6000

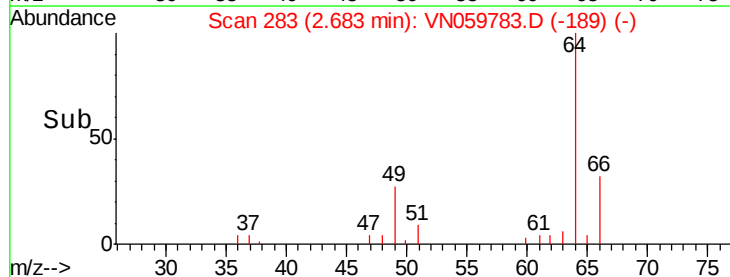
4000

2000

0

Time-->

2.60 2.65 2.70 2.75



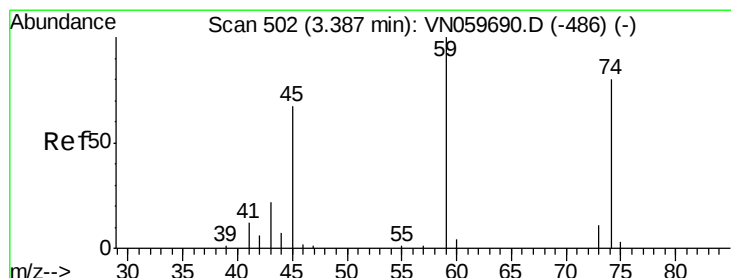
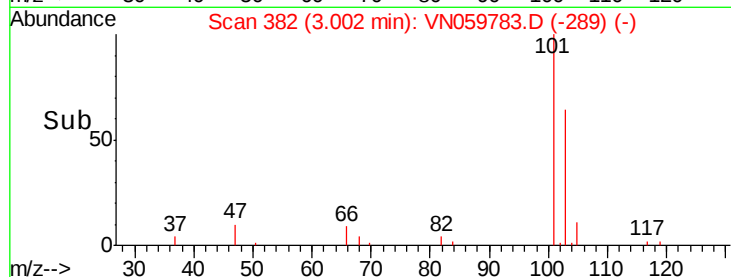
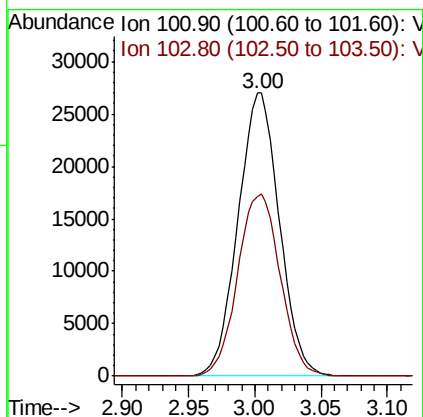
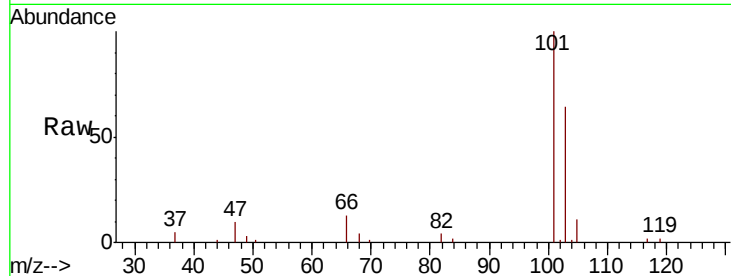


#7

Trichlorofluoromethane
Concen: 19.560 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Instrument :
MSVOA_N
ClientSampled :

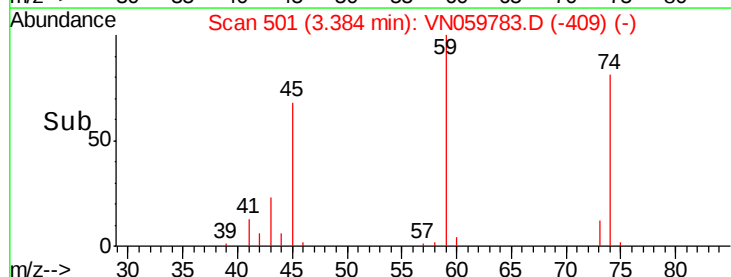
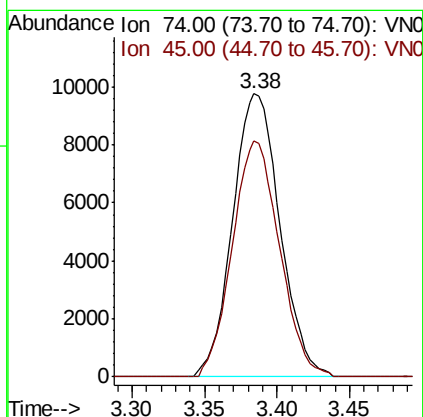
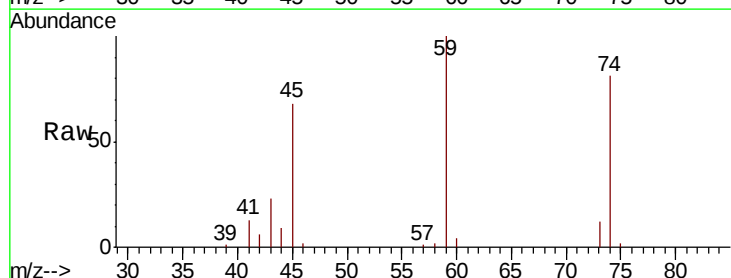
Tot Ion:101 Resp: 58622
Ion Ratio Lower Upper
101 100
103 63.7 51.0 76.6

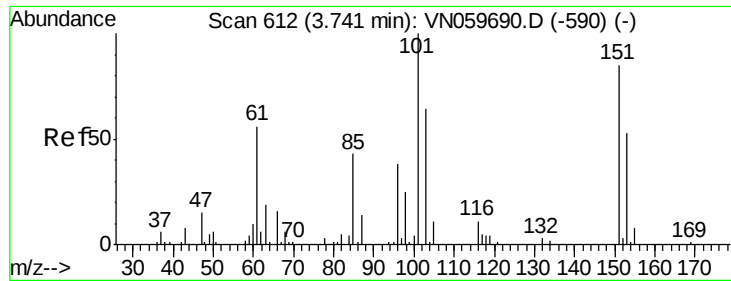


#8

Diethyl Ether
Concen: 21.042 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Tgt Ion: 74 Resp: 22132
Ion Ratio Lower Upper
74 100
45 83.1 51.9 155.8

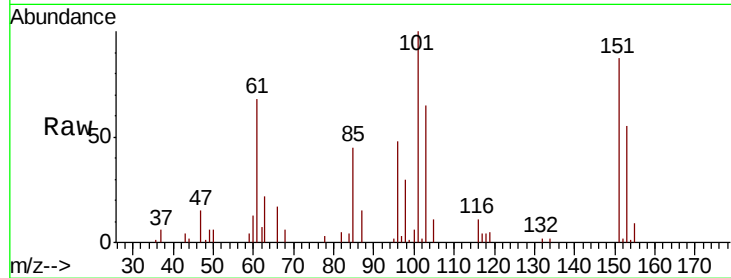




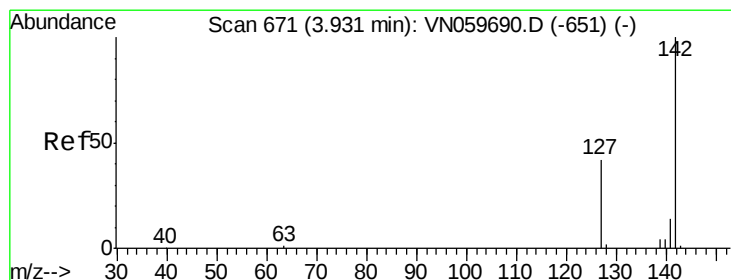
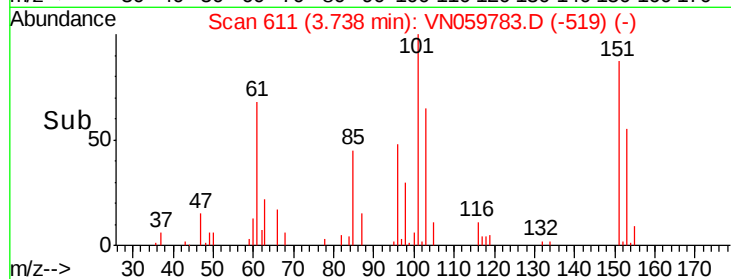
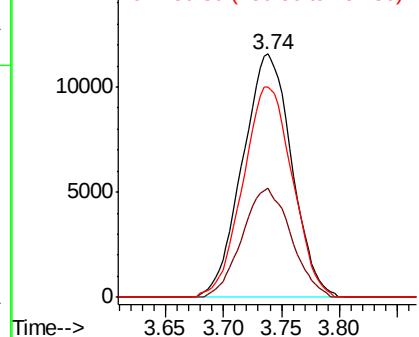
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.464 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:101 Resp: 34135
Ion Ratio Lower Upper
101 100
85 44.6 36.6 54.8
151 87.0 59.7 89.5

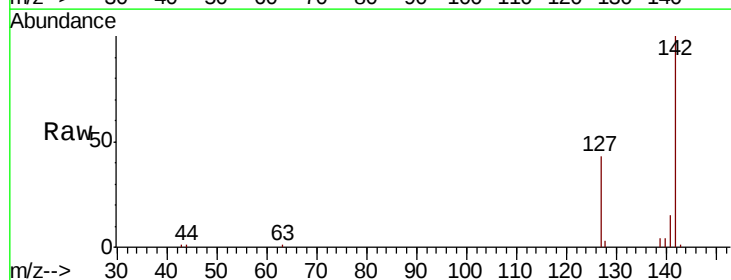


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V

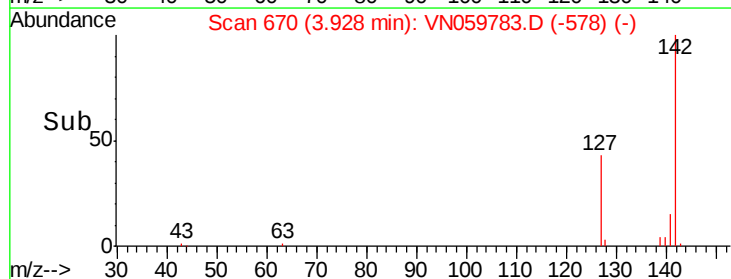
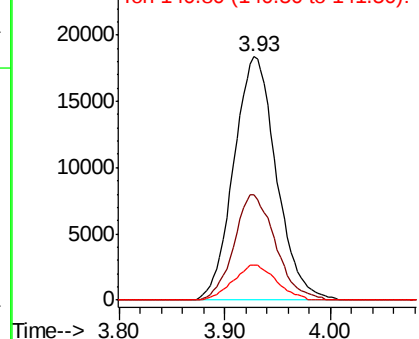


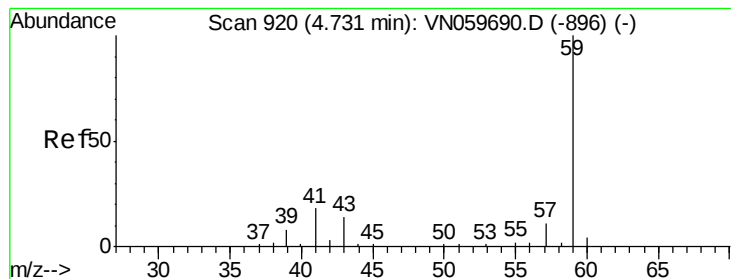
#10
Methyl Iodide
Concen: 19.085 ug/l
RT: 3.93 min Scan# 670
Delta R.T. -0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Tgt Ion:142 Resp: 51458
Ion Ratio Lower Upper
142 100
127 42.2 36.7 55.1
141 14.5 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



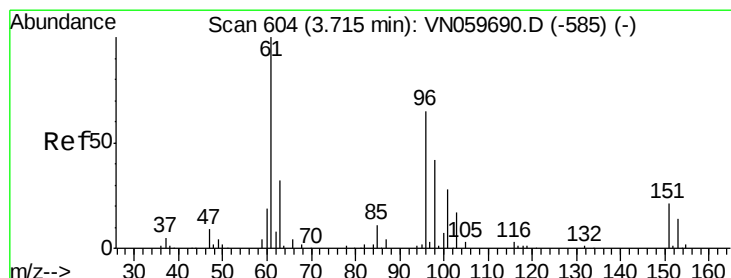
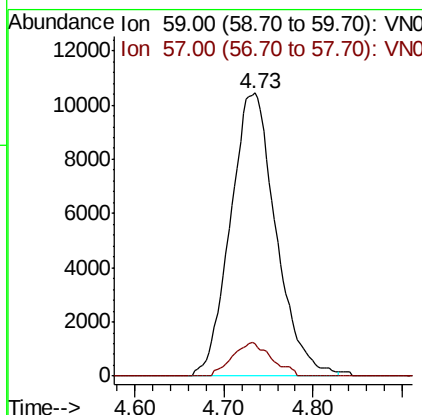
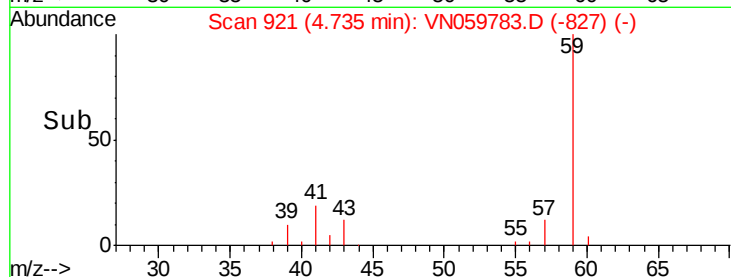
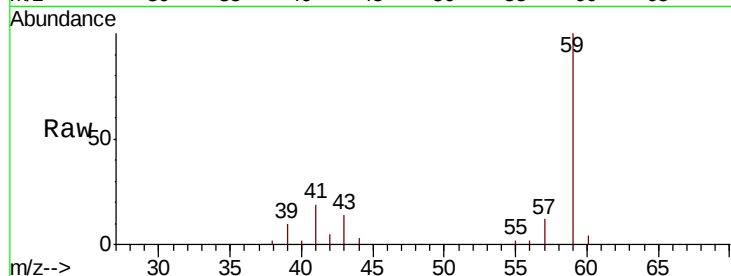


#11

Tert butyl alcohol
 Concen: 104.074 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN059783.D
 Acq: 20 Jan 2020 13:47

Instrument :
 MSVOA_N
 ClientSampled :

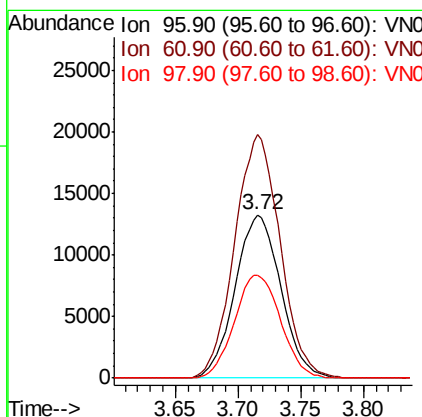
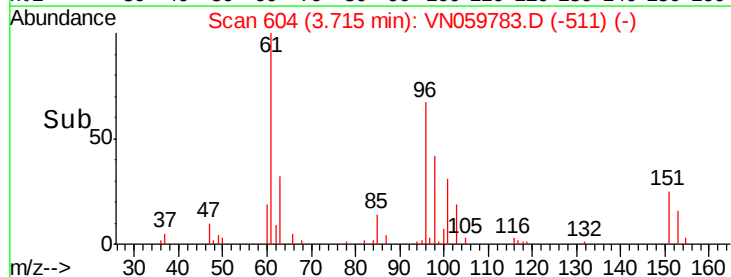
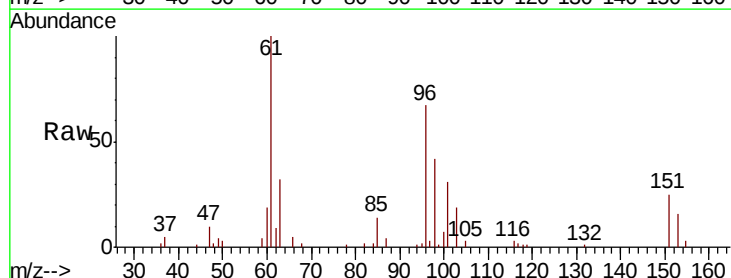
Tot Ion: 59 Resp: 37067
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.6 12.8

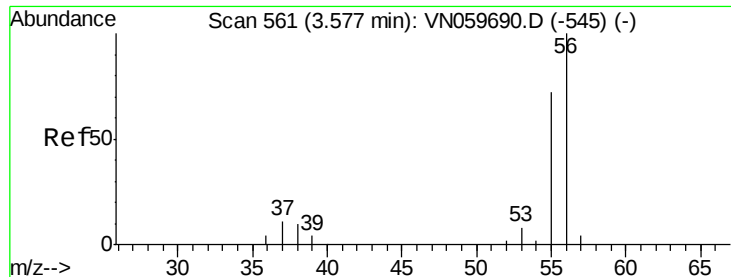


#12

1,1-Dichloroethene
 Concen: 19.259 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059783.D
 Acq: 20 Jan 2020 13:47

Tgt Ion: 96 Resp: 33568
 Ion Ratio Lower Upper
 96 100
 61 149.4 137.5 206.3
 98 63.2 50.2 75.4





#13

Acrolein

Concen: 59.666 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Instrument :

MSVOA_N

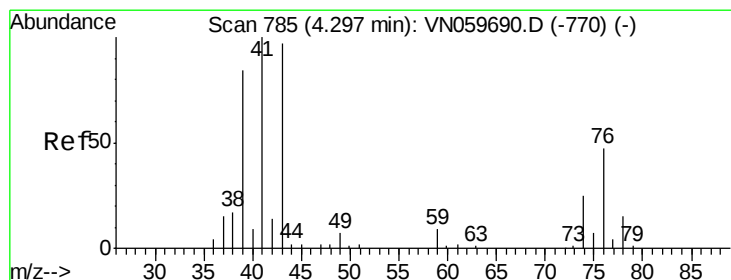
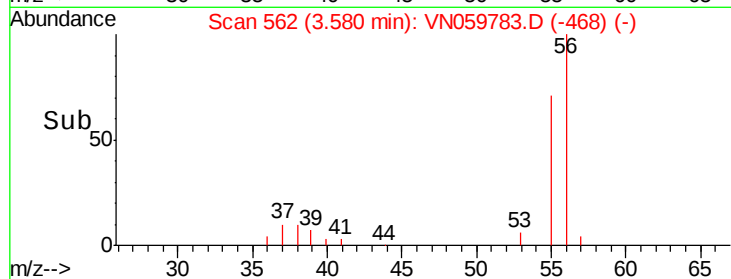
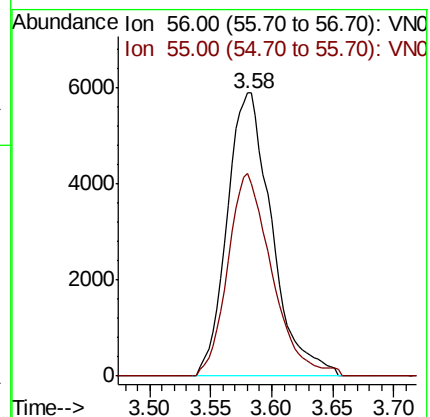
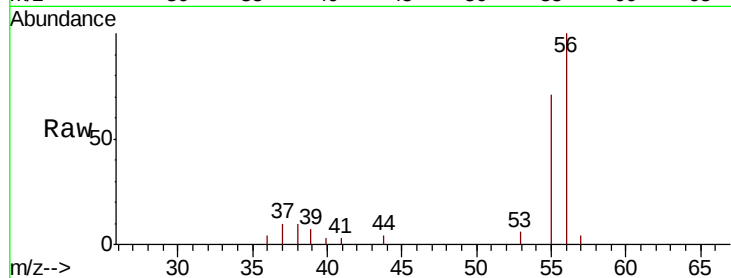
ClientSampleId :

Tot Ion: 56 Resp: 15043

Ion Ratio Lower Upper

56 100

55 70.6 58.6 88.0



#14

Allyl chloride

Concen: 21.417 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

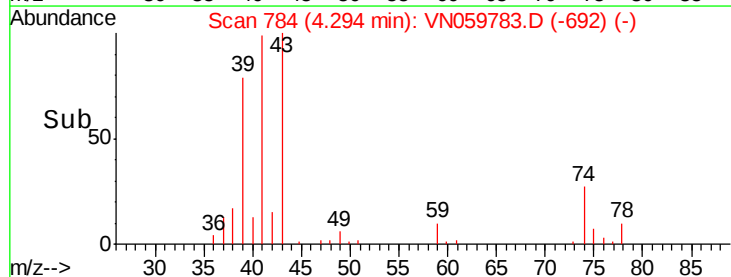
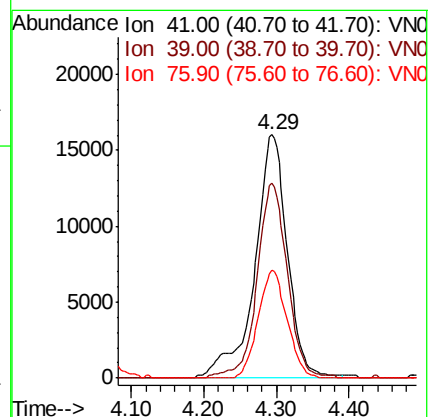
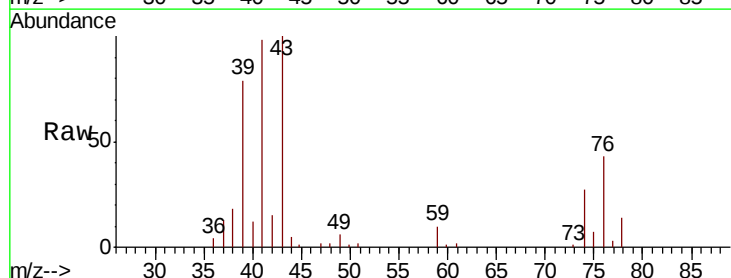
Tgt Ion: 41 Resp: 50315

Ion Ratio Lower Upper

41 100

39 74.2 57.8 86.8

76 39.2 25.4 38.0#





#15

Acrylonitrile

Concen: 100.258 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

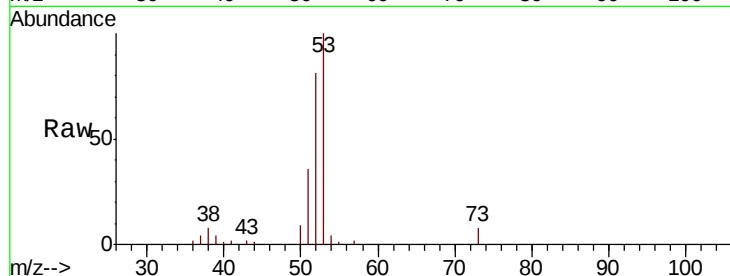
Tot Ion: 53 Resp: 81453

Ion Ratio Lower Upper

53 100

52 84.6 66.3 99.5

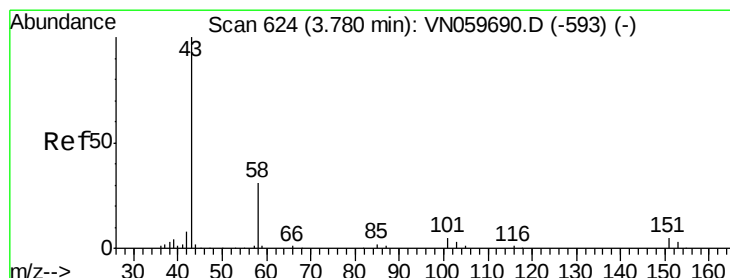
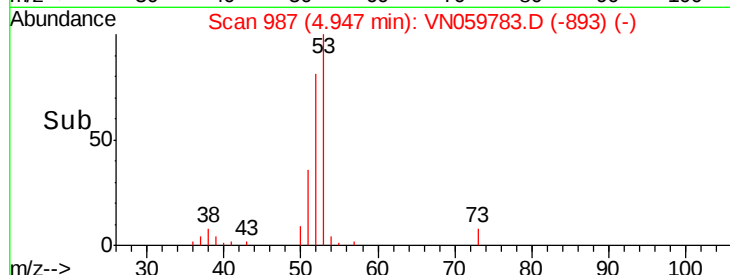
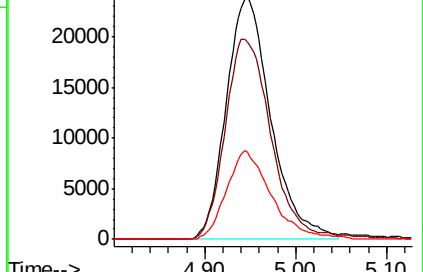
51 36.8 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN059690.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN059690.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN059690.D (-964) (-)



#16

Acetone

Concen: 96.861 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN059783.D

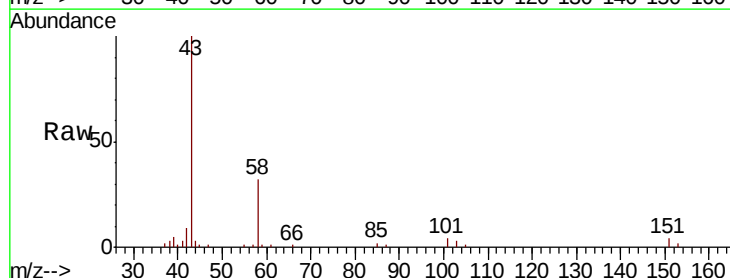
Acq: 20 Jan 2020 13:47

Tgt Ion: 43 Resp: 74319

Ion Ratio Lower Upper

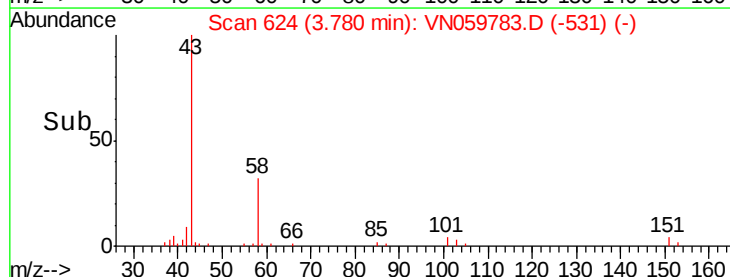
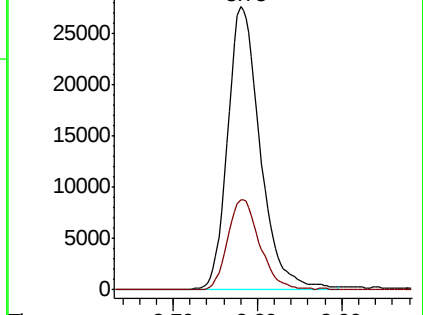
43 100

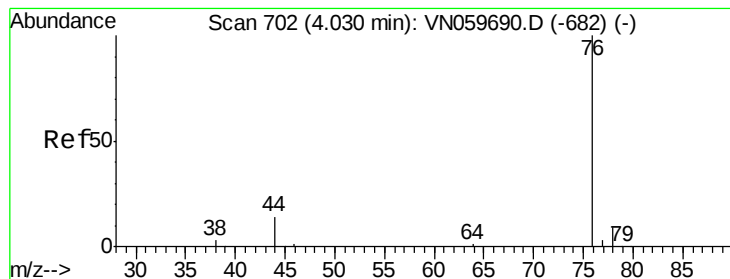
58 31.7 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN059690.D (-593) (-)





#17

Carbon Disulfide

Concen: 18.315 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Instrument :

MSVOA_N

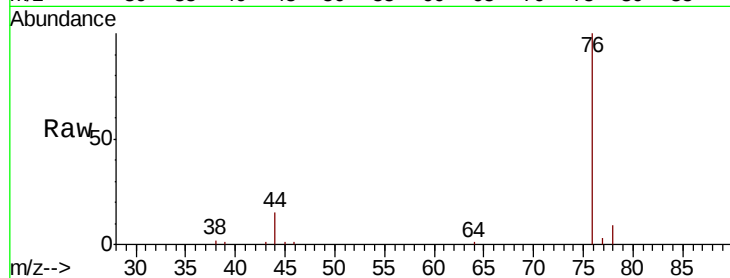
ClientSampleId :

Tot Ion: 76 Resp: 90937

Ion Ratio Lower Upper

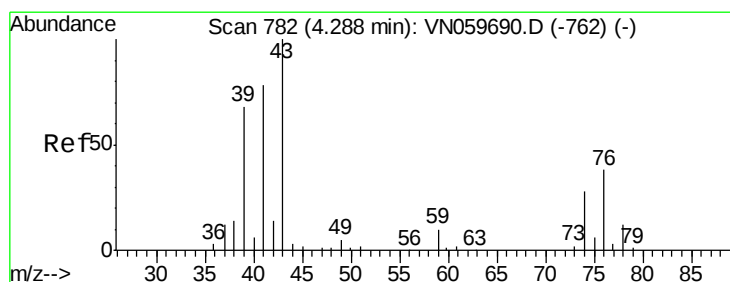
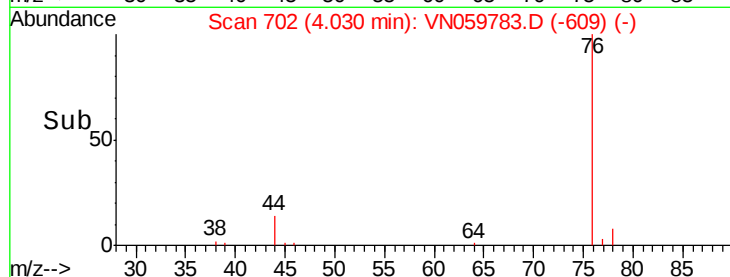
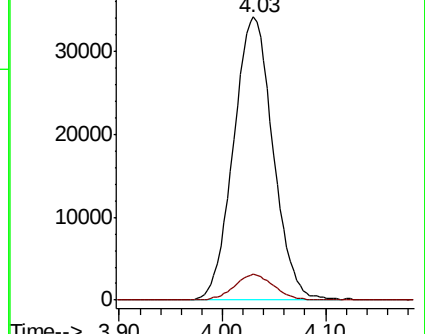
76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN059783.D (-682) (-)

Ion 77.90 (77.60 to 78.60): VN059783.D (-682) (-)



#18

Methyl Acetate

Concen: 20.083 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN059783.D

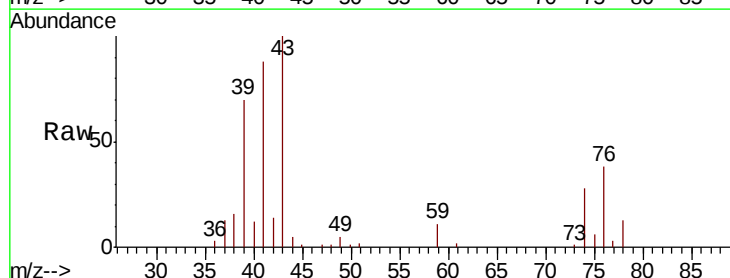
Acq: 20 Jan 2020 13:47

Tgt Ion: 43 Resp: 49630

Ion Ratio Lower Upper

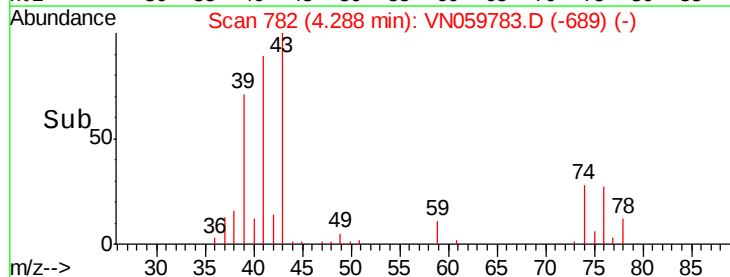
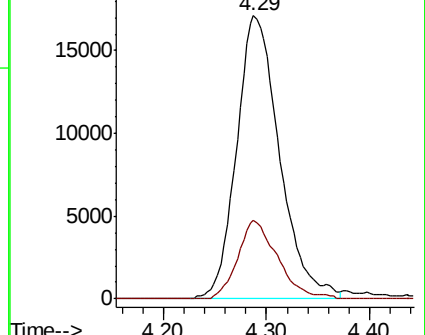
43 100

74 25.2 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN059783.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN059783.D (-689) (-)

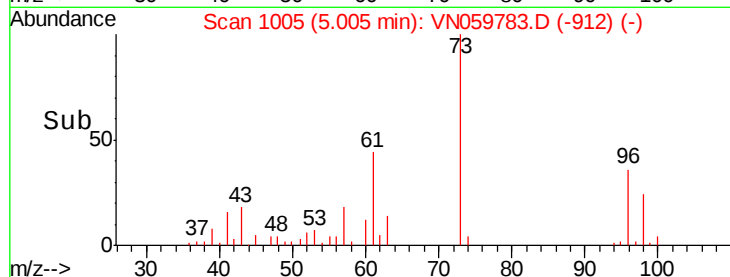
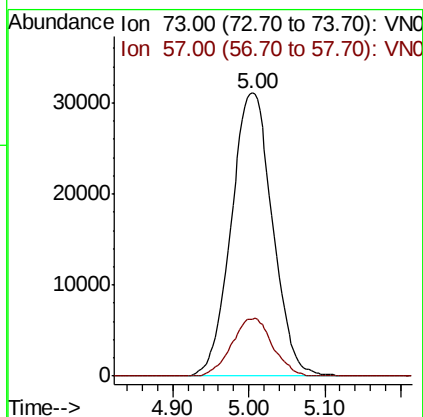
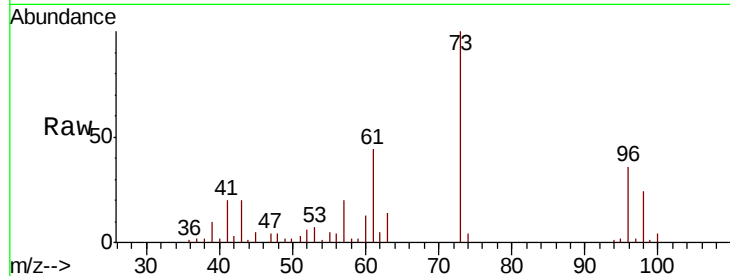




#19
Methvl tert-butvl Ether
Concen: 20.623 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

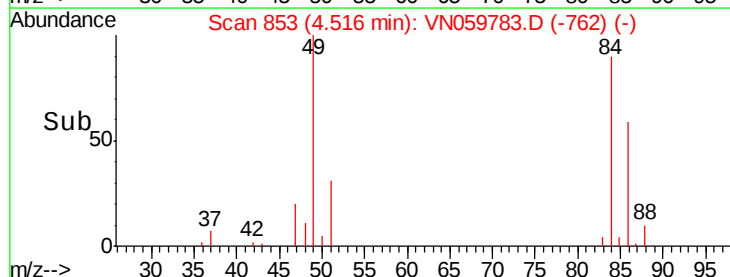
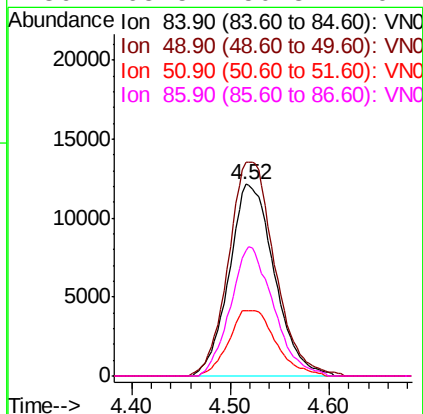
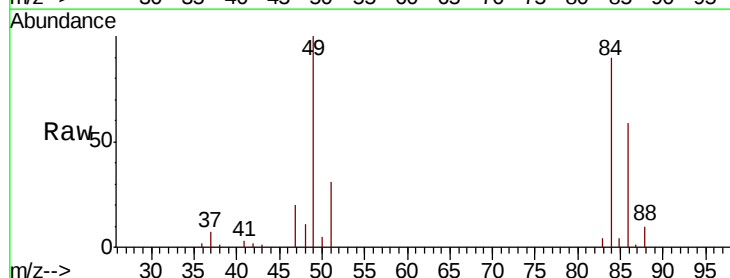
Instrument :
MSVOA_N
ClientSampleId :

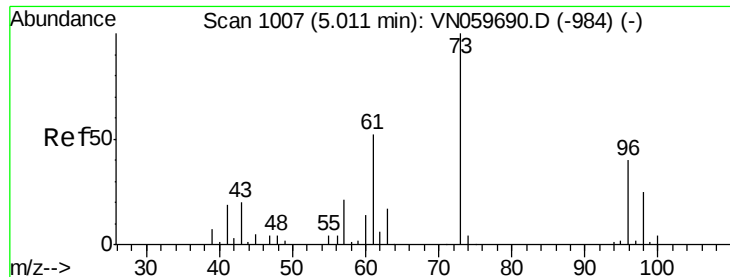
Tot Ion: 73 Resp: 117195
Ion Ratio Lower Upper
73 100
57 20.2 18.6 27.8



#20
Methylene Chloride
Concen: 19.466 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Tgt Ion: 84 Resp: 38773
Ion Ratio Lower Upper
84 100
49 111.4 106.6 160.0
51 34.2 31.9 47.9
86 65.5 50.8 76.2

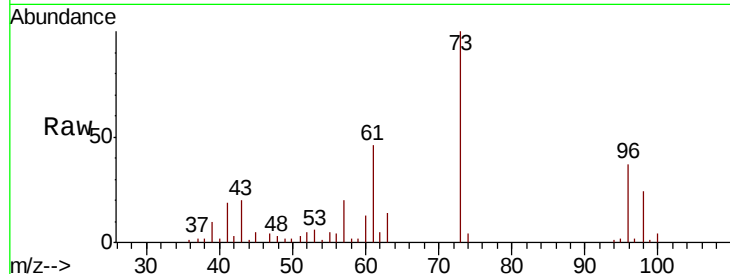




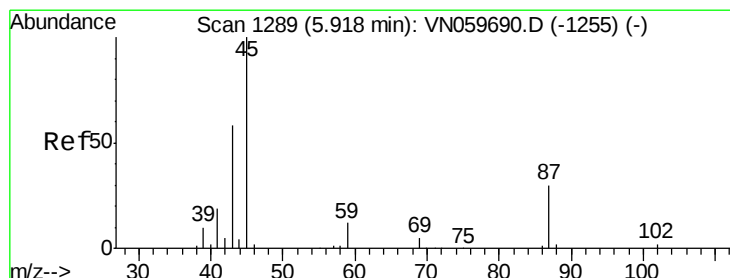
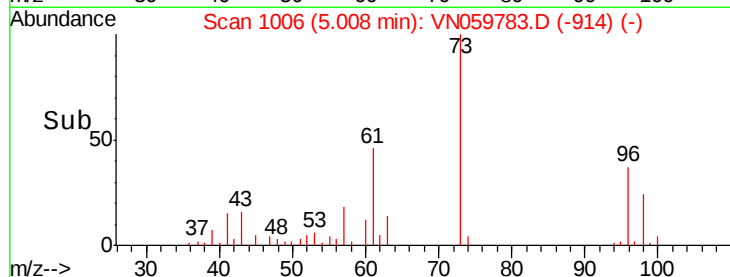
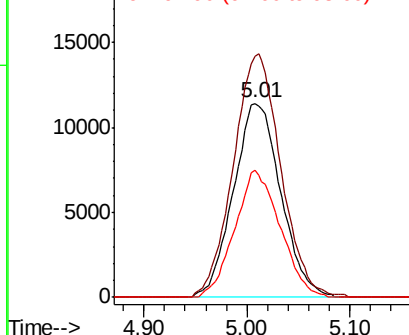
#21
trans-1,2-Dichloroethene
Concen: 19.705 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 36508
Ion Ratio Lower Upper
96 100
61 124.4 120.4 180.6
98 65.3 50.6 75.8

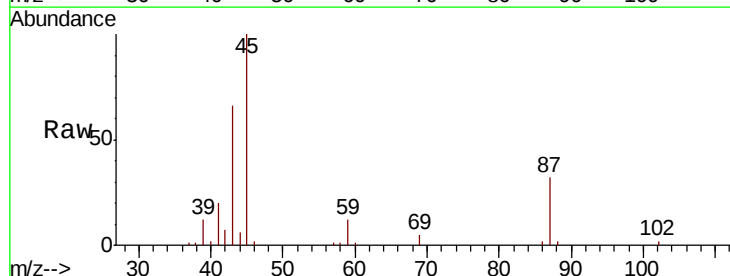


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

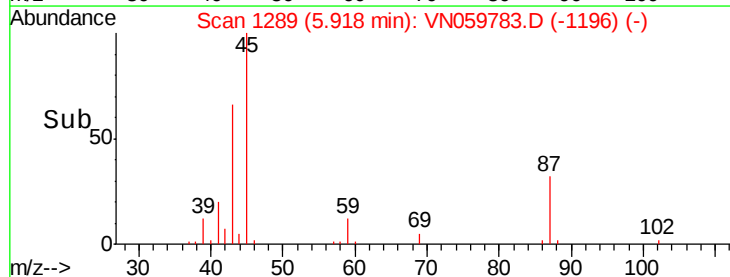
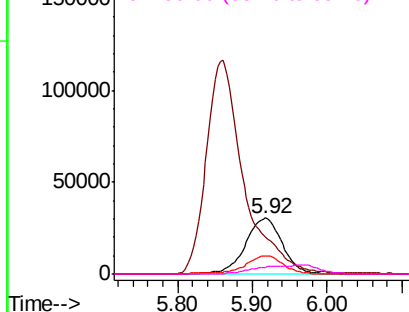


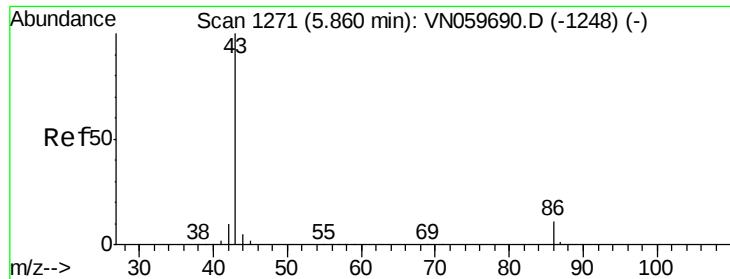
#22
Diisopropyl ether
Concen: 19.585 ug/l
RT: 5.92 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Tgt Ion: 45 Resp: 104269
Ion Ratio Lower Upper
45 100
43 63.6 50.8 76.2
87 32.2 21.0 31.6#
59 12.4 9.1 13.7



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





#23

Vinyl Acetate

Concen: 98.643 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

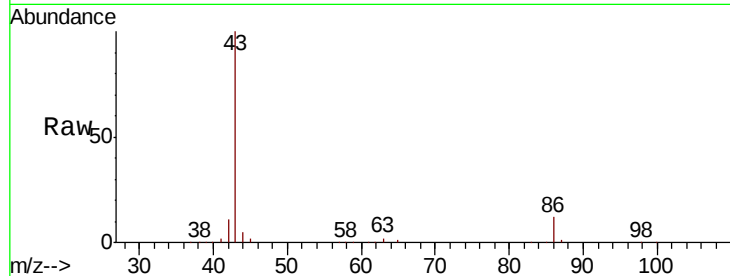
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 406612

Ion Ratio Lower Upper

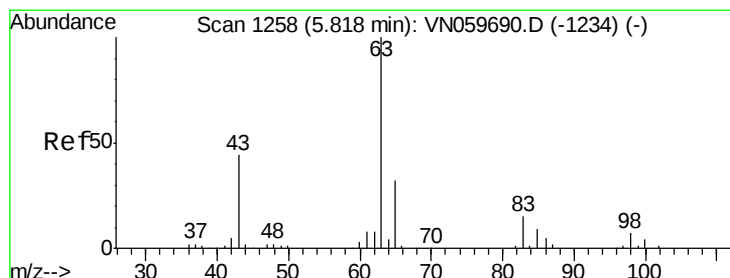
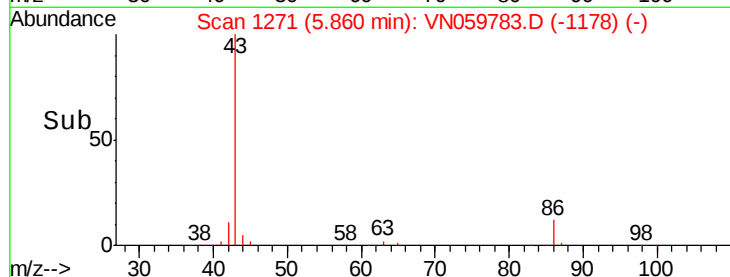
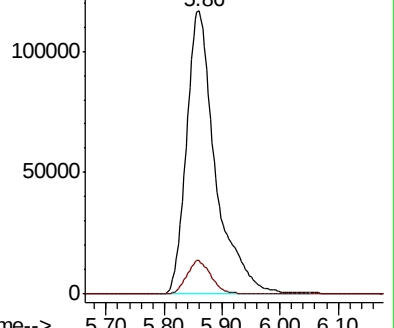
43 100

86 11.8 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VN059783.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN059783.D (-1178) (-)



#24

1,1-Dichloroethane

Concen: 19.329 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

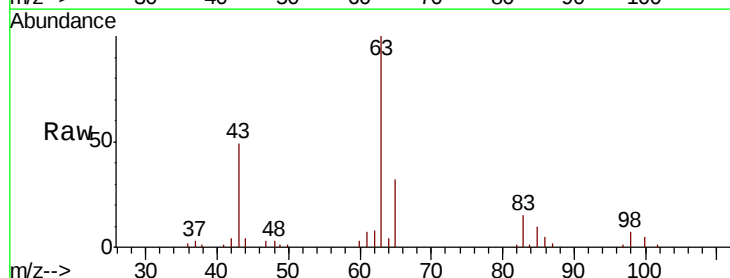
Tgt Ion: 63 Resp: 62880

Ion Ratio Lower Upper

63 100

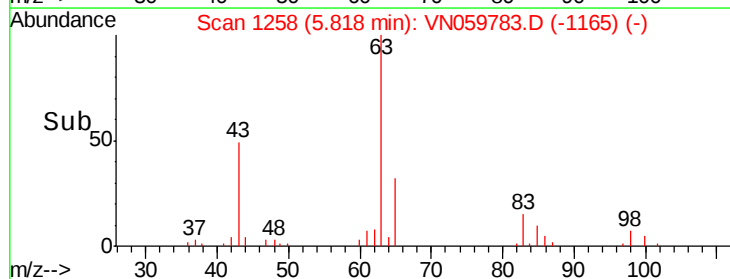
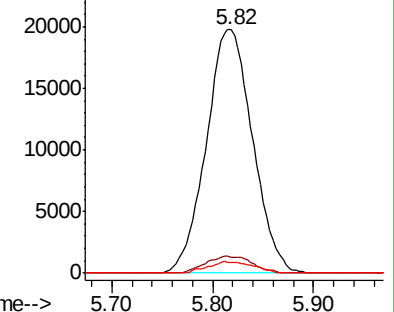
98 6.7 2.9 8.7

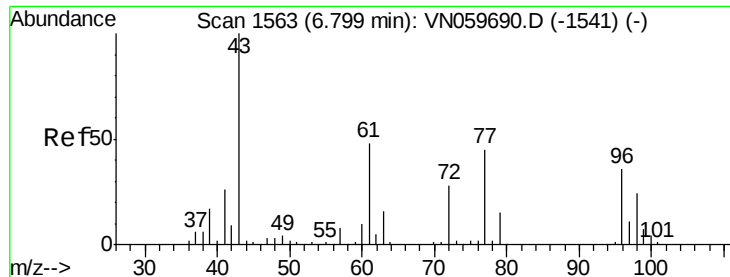
100 4.6 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN059783.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN059783.D (-1165) (-)





#25

2-Butanone

Concen: 91.380 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Instrument :

MSVOA_N

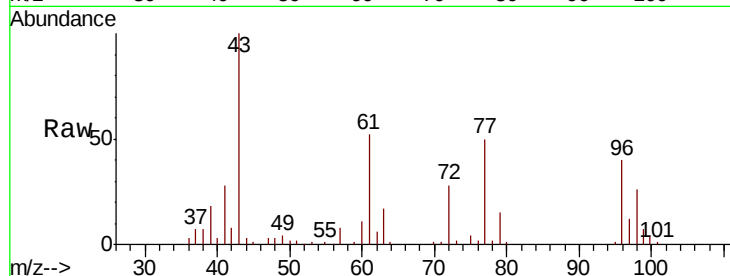
ClientSampled :

Tot Ion: 43 Resp: 109481

Ion Ratio Lower Upper

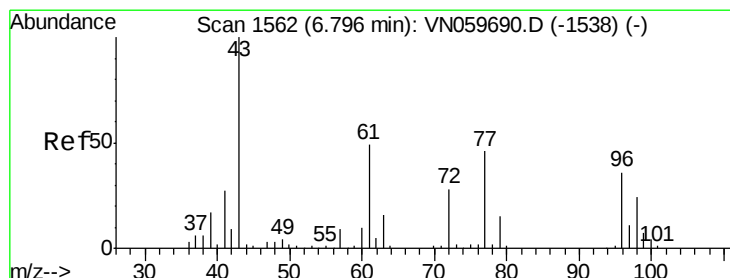
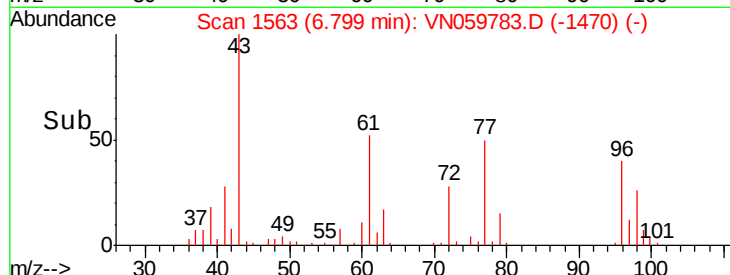
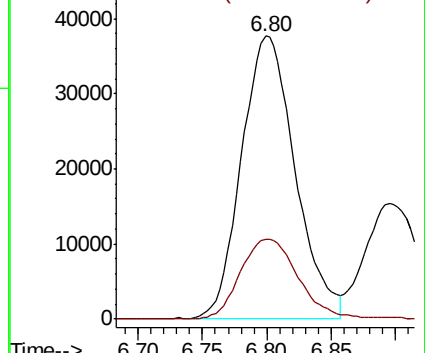
43 100

72 28.4 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 19.350 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN059783.D

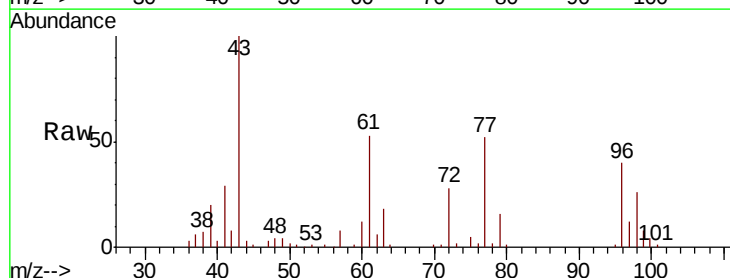
Acq: 20 Jan 2020 13:47

Tgt Ion: 77 Resp: 60515

Ion Ratio Lower Upper

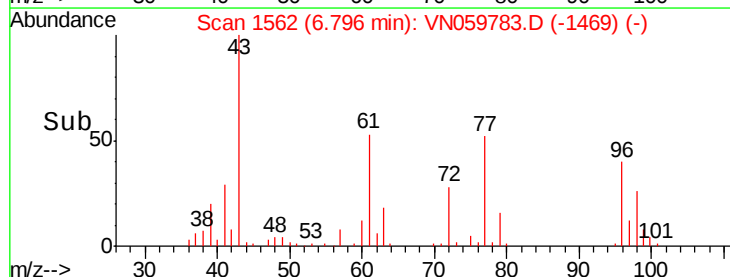
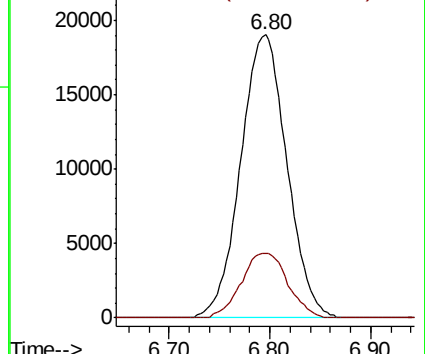
77 100

97 22.9 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 20.089 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

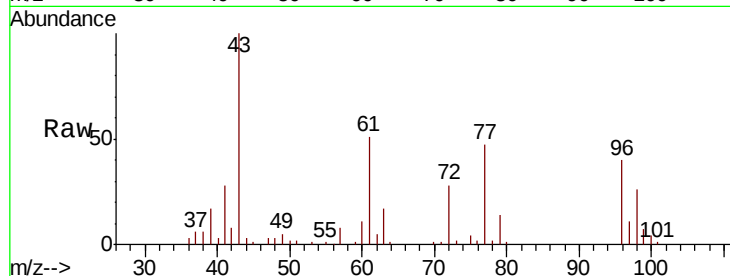
Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 42810

Ion	Ratio	Lower	Upper
96	100		
61	134.1	0.0	317.6
98	65.2	0.0	127.0

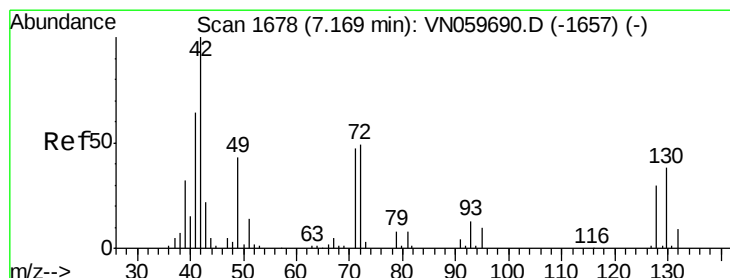
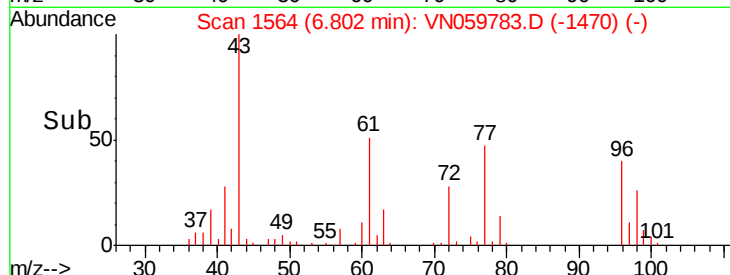
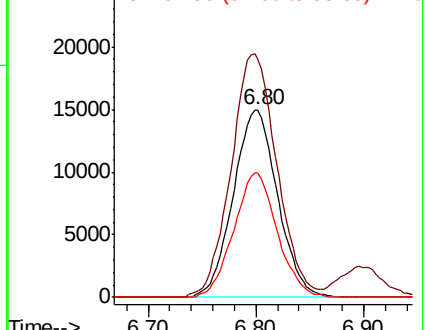


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.495 ug/l

RT: 7.17 min Scan# 1678

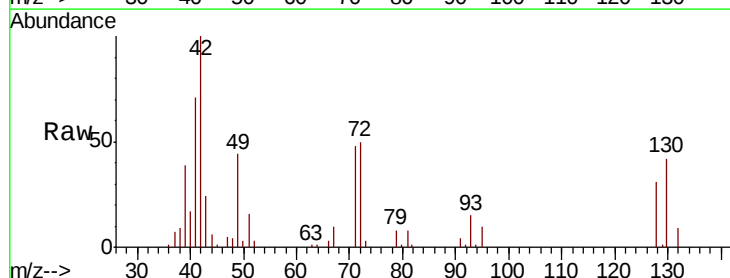
Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Tgt Ion: 49 Resp: 24047

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.4
130	90.5	54.7	82.1#

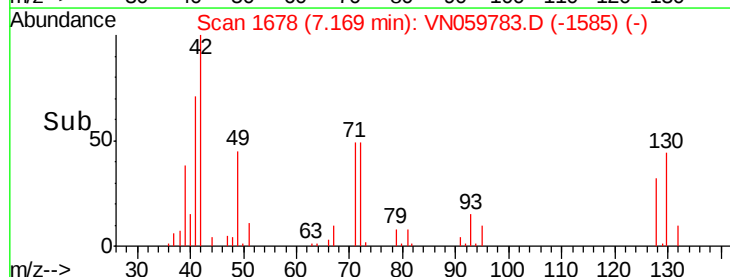
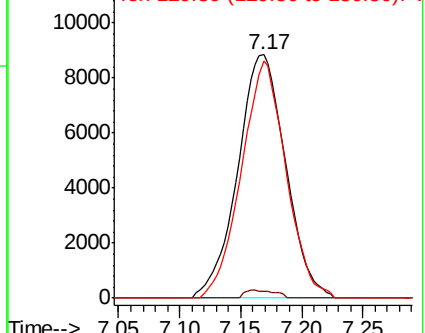


Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

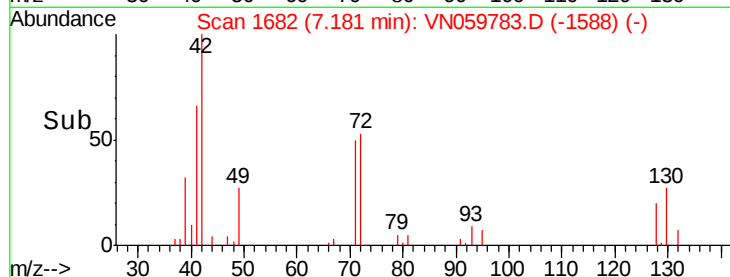
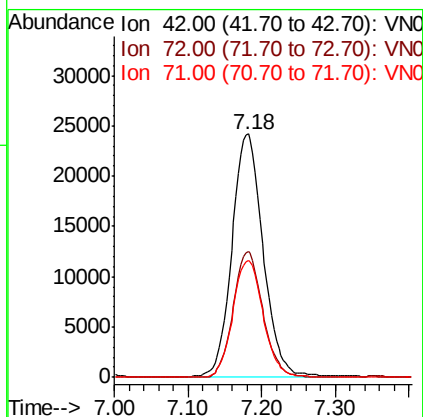
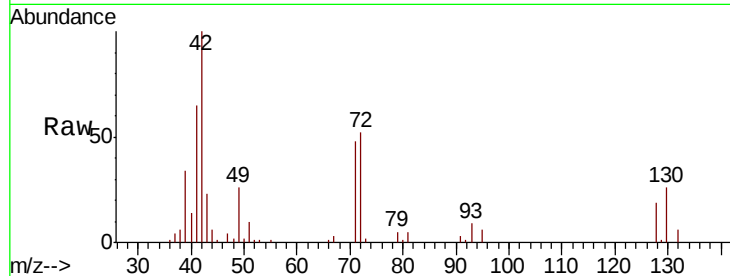




#29
Tetrahydrofuran
Concen: 96.582 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

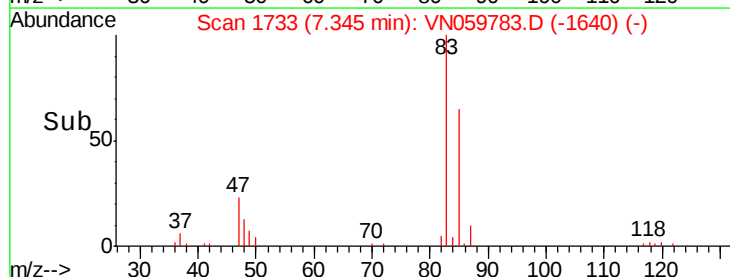
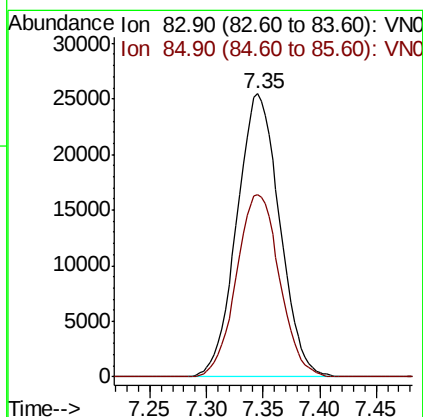
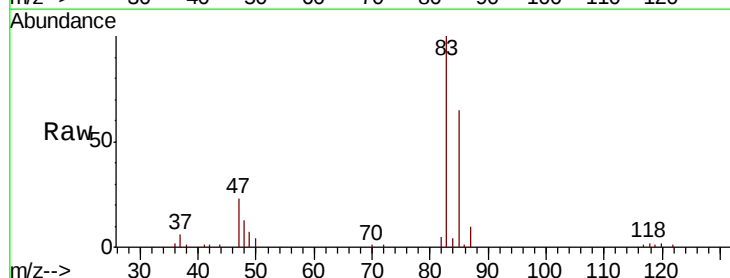
Instrument :
MSVOA_N
ClientSampled :

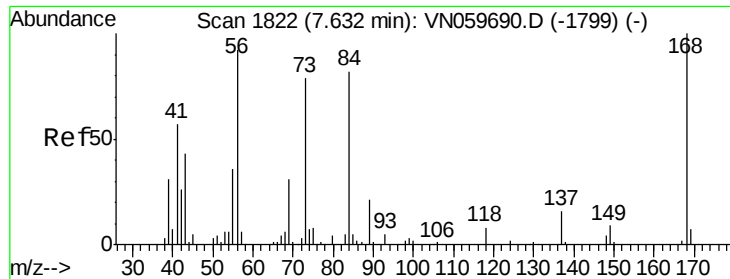
Tot Ion: 42 Resp: 71594
Ion Ratio Lower Upper
42 100
72 48.7 33.1 49.7
71 46.4 31.4 47.0



#30
Chloroform
Concen: 19.904 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Tgt Ion: 83 Resp: 67087
Ion Ratio Lower Upper
83 100
85 64.6 52.4 78.6

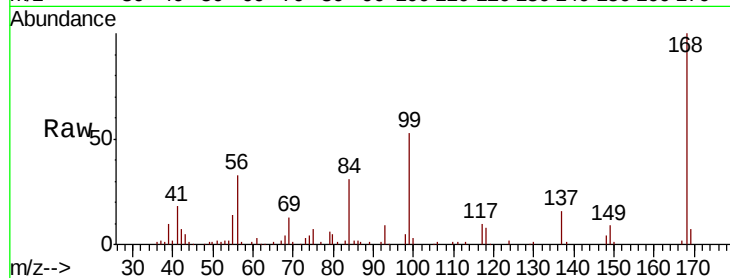




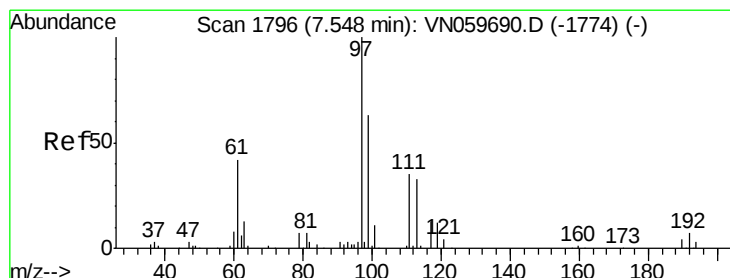
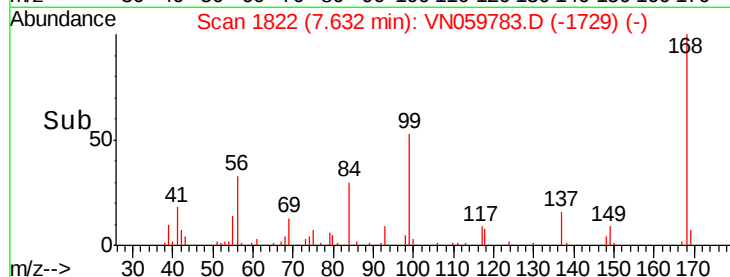
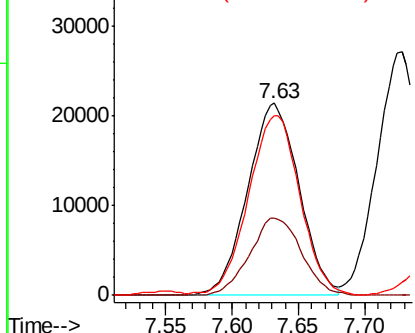
#31
Cyclohexane
Concen: 18.454 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 57766
Ion Ratio Lower Upper
56 100
69 39.9 26.5 39.7#
84 92.5 65.3 97.9

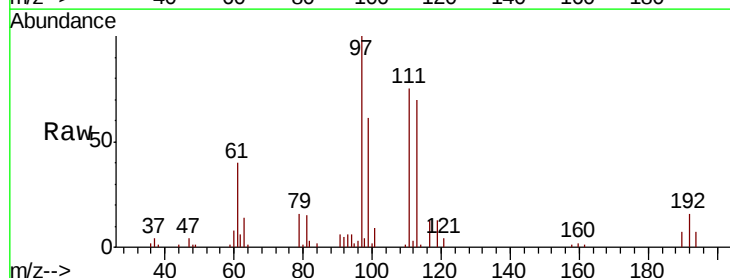


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

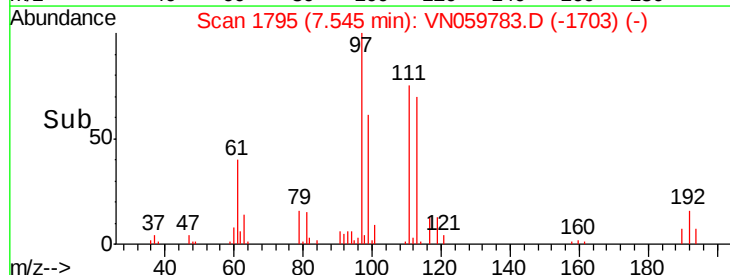
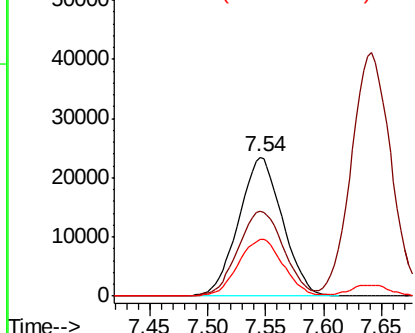


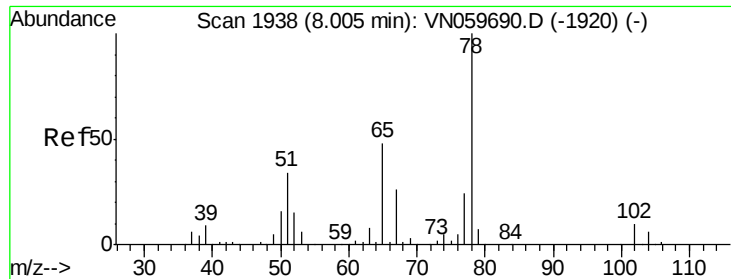
#32
1,1,1-Trichloroethane
Concen: 19.819 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Tgt Ion: 97 Resp: 61765
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 41.8 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

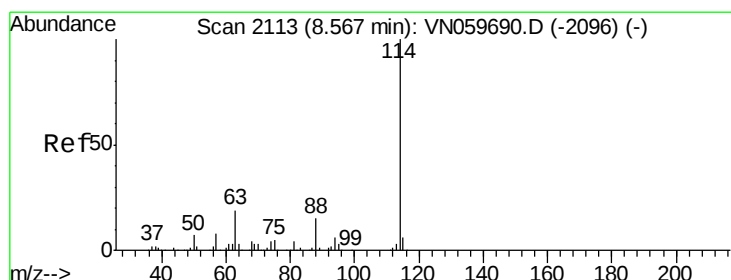
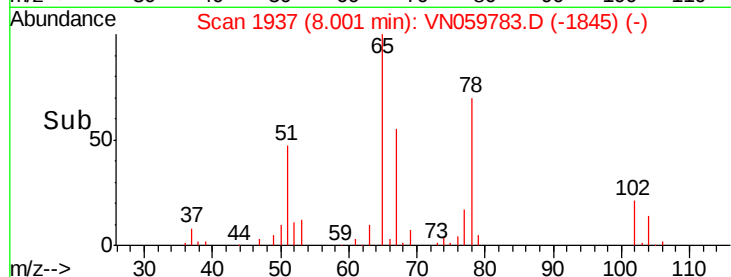
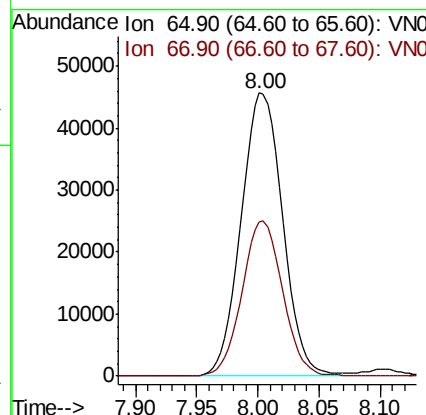
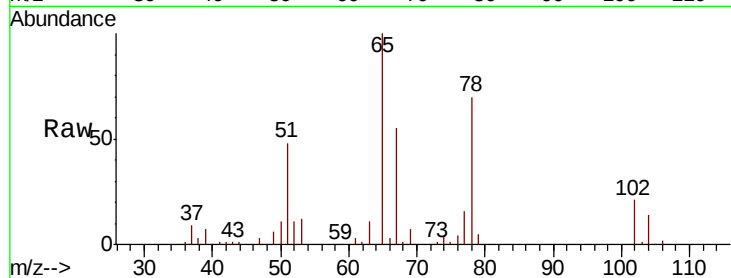




#33
 1,2-Dichloroethane-d4
 Concen: 50.889 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059783.D
 Acq: 20 Jan 2020 13:47

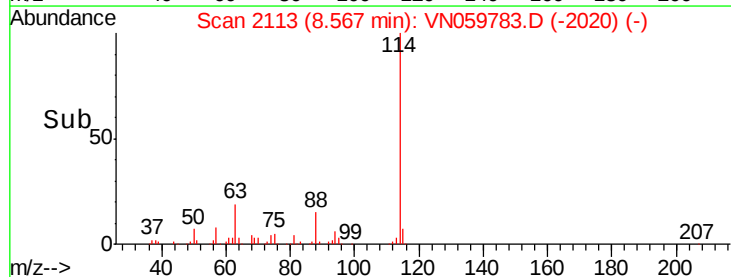
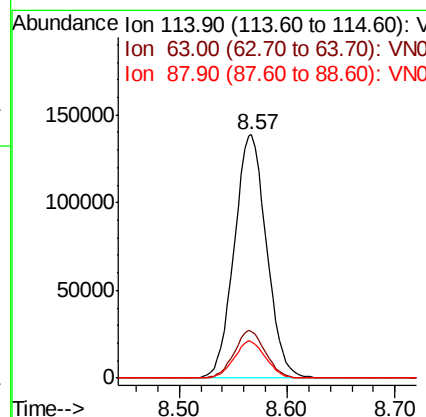
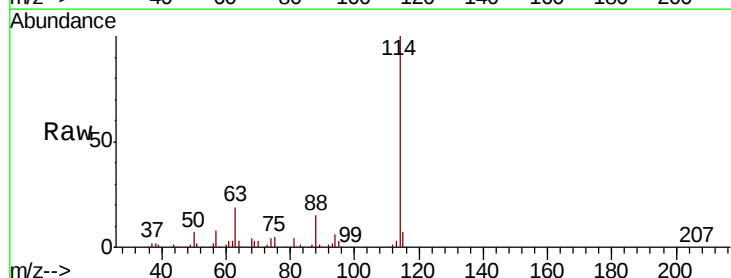
Instrument :
 MSVOA_N
 ClientSampled :

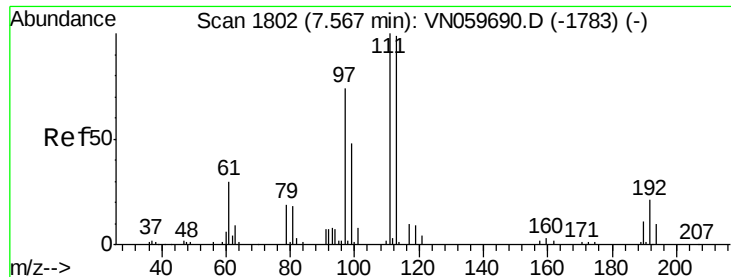
Tot Ion: 65 Resp: 107663
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059783.D
 Acq: 20 Jan 2020 13:47

Tgt Ion: 114 Resp: 289548
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 43.6
 88 15.0 0.0 31.4

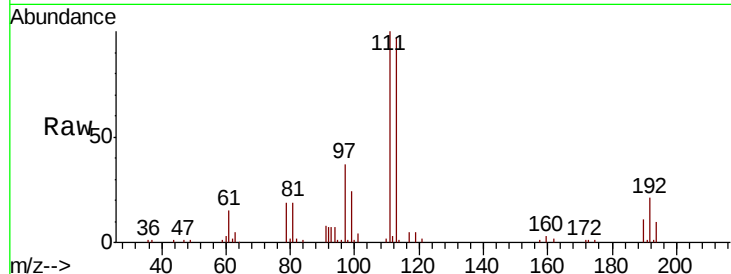




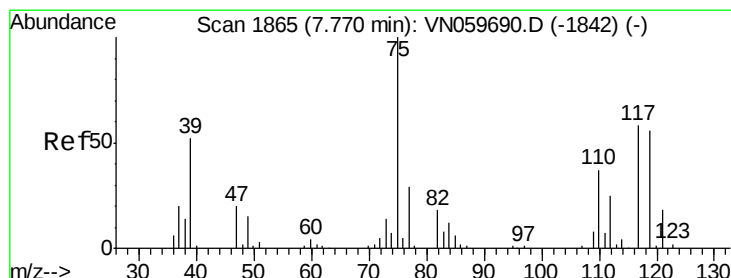
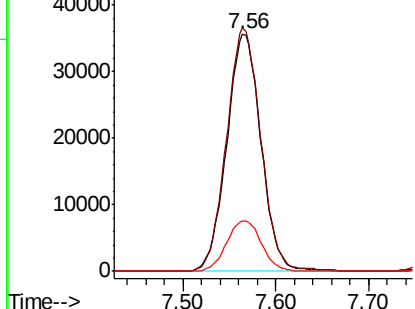
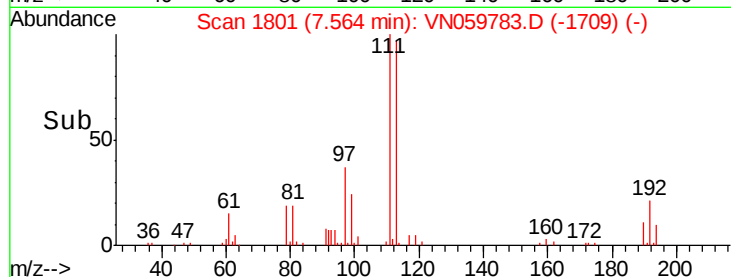
#35
 Dibromofluoromethane
 Concen: 52.851 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059783.D
 Acq: 20 Jan 2020 13:47

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 91258
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.5 125.3
 192 21.5 15.4 23.2

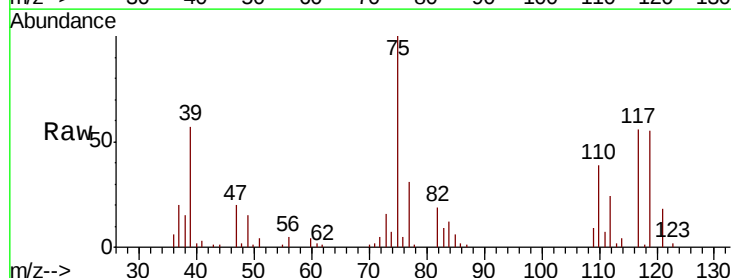


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

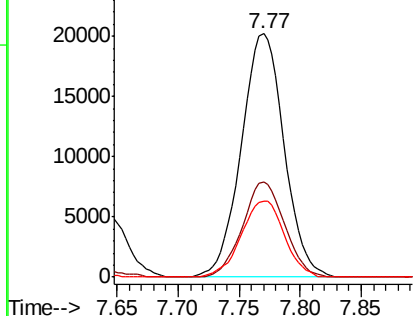
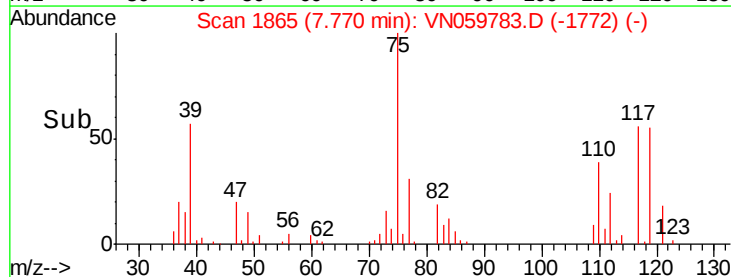


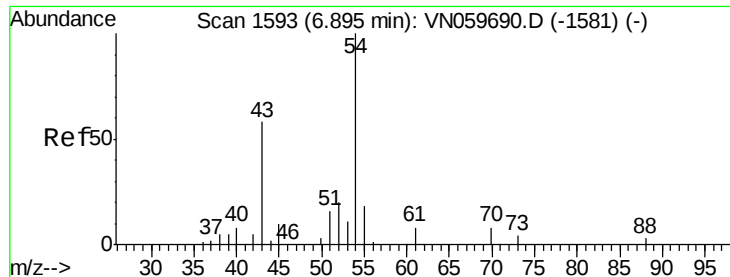
#36
 1,1-Dichloropropene
 Concen: 19.453 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059783.D
 Acq: 20 Jan 2020 13:47

Tgt Ion: 75 Resp: 49051
 Ion Ratio Lower Upper
 75 100
 110 38.2 16.6 49.7
 77 31.4 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

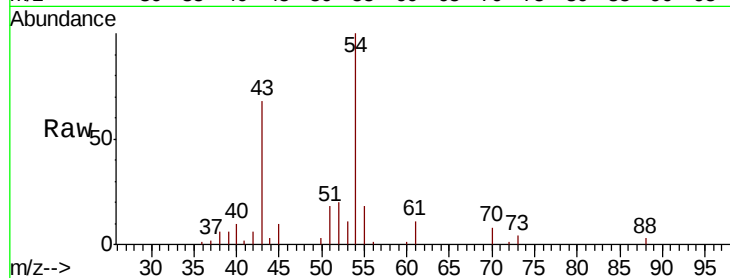




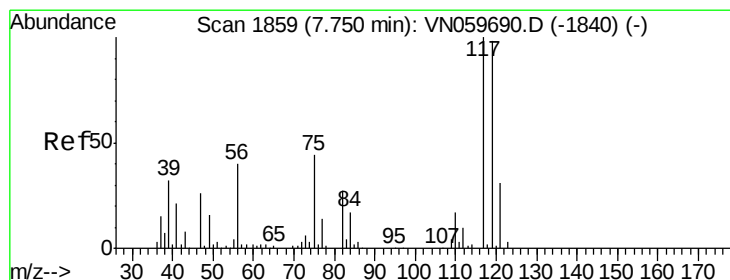
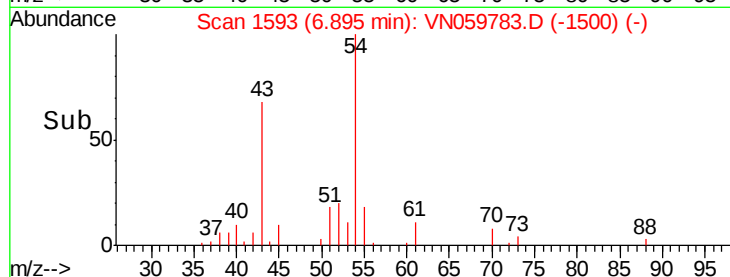
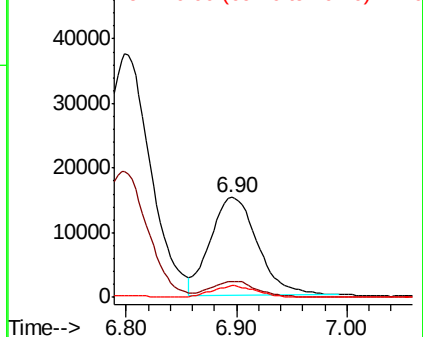
#37
Ethyl Acetate
Concen: 19.292 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 45624
Ion Ratio Lower Upper
43 100
61 15.8 10.9 16.3
70 10.9 7.7 11.5

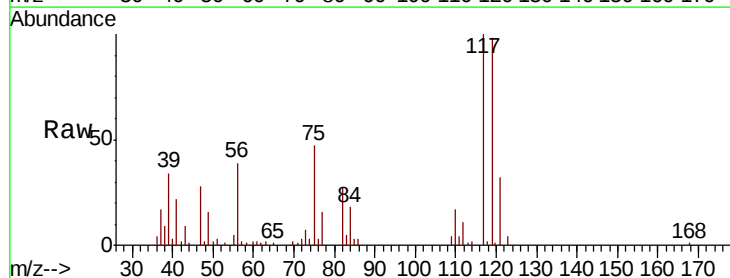


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

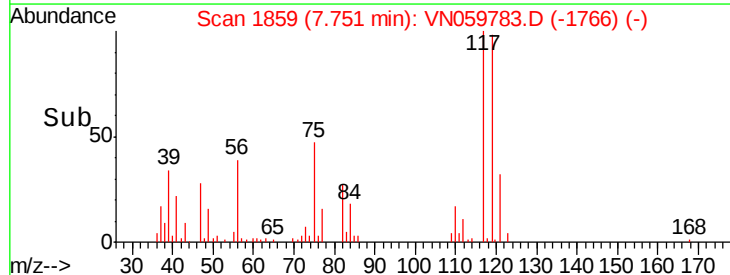
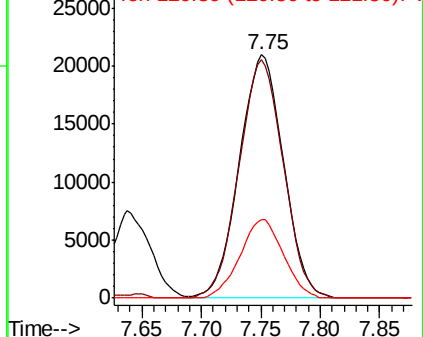


#38
Carbon Tetrachloride
Concen: 19.674 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Tgt Ion: 117 Resp: 53962
Ion Ratio Lower Upper
117 100
119 97.7 76.5 114.7
121 32.2 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

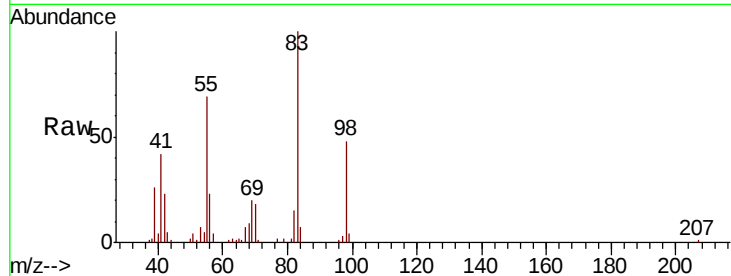




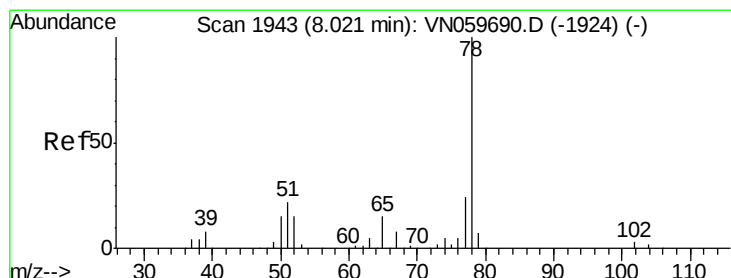
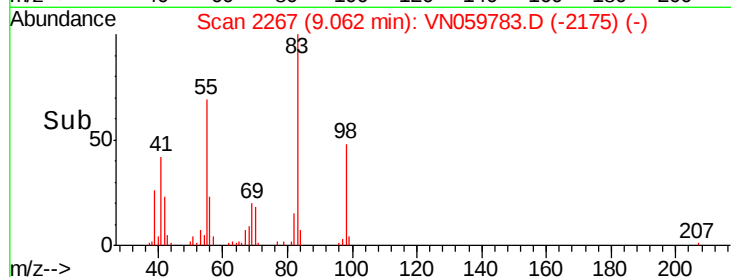
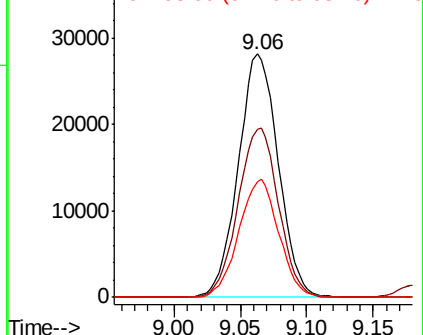
#39
Methvlcvclohexane
Concen: 19.030 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 59166
Ion Ratio Lower Upper
83 100
55 69.2 64.2 96.2
98 47.7 35.9 53.9

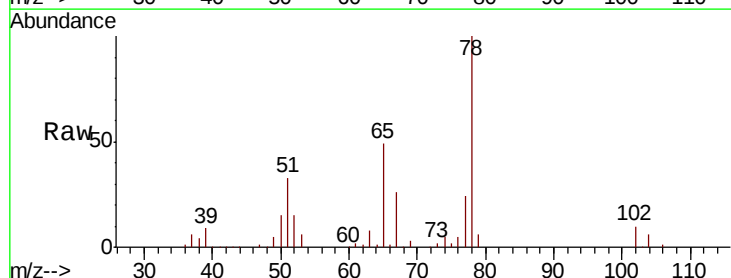


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

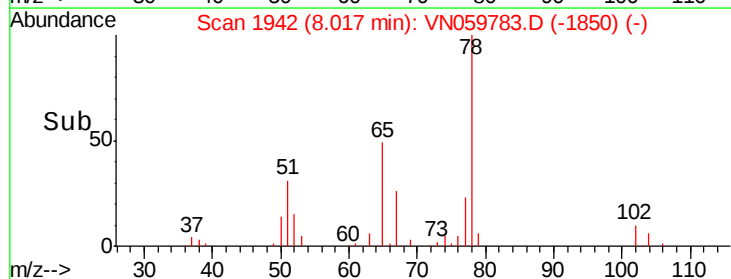
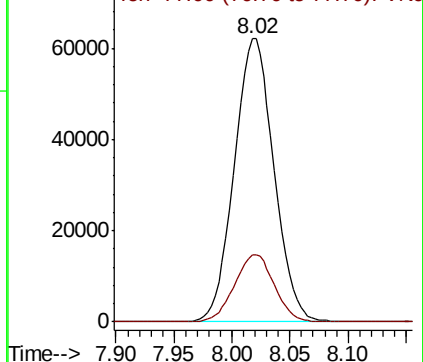


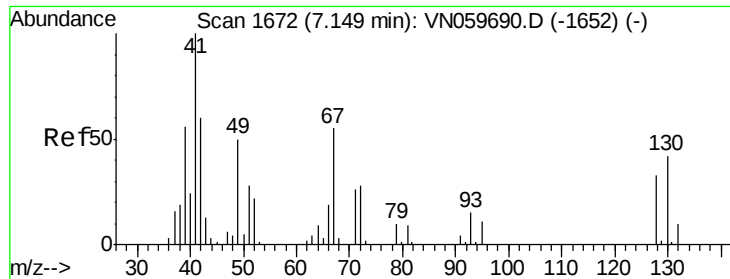
#40
Benzene
Concen: 19.584 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Tgt Ion: 78 Resp: 147275
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3



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

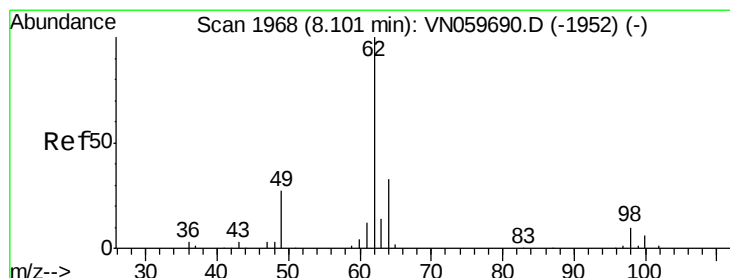
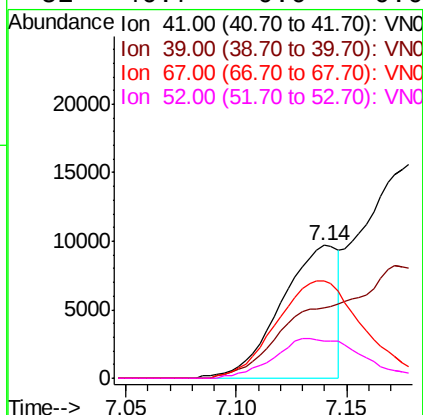
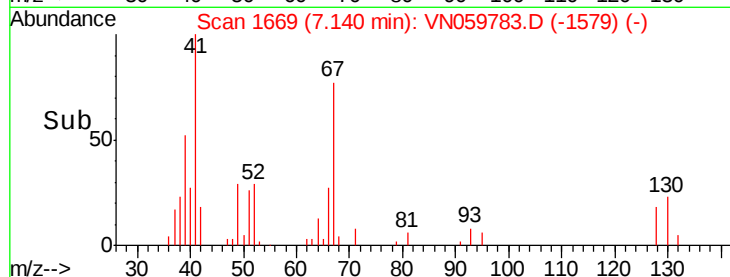
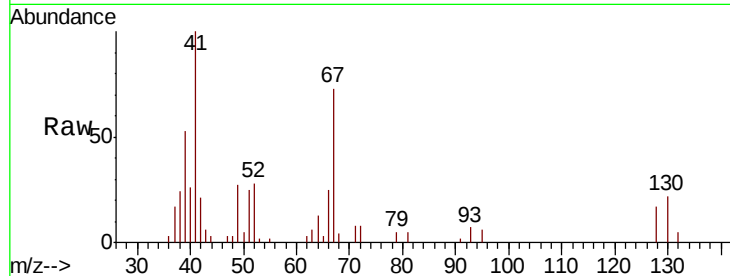




#41
Methacrylonitrile
Concen: 14.972 ug/l
RT: 7.14 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

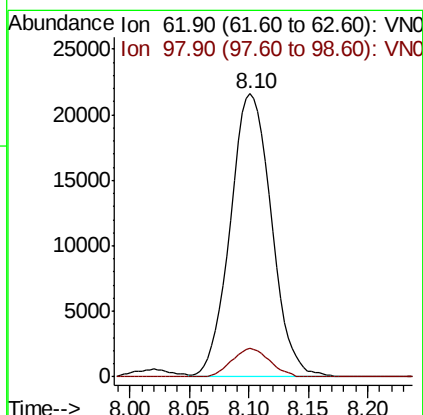
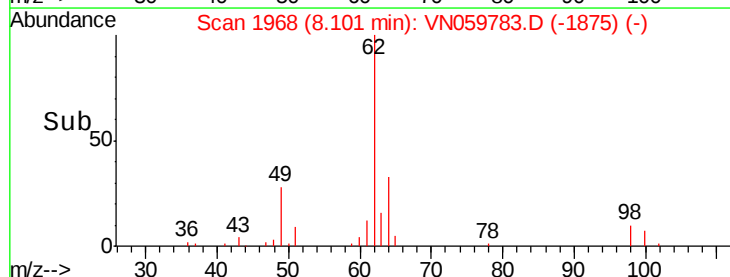
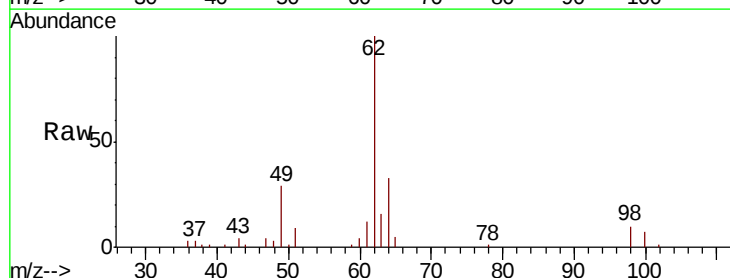
Instrument :
MSVOA_N
ClientSampled :

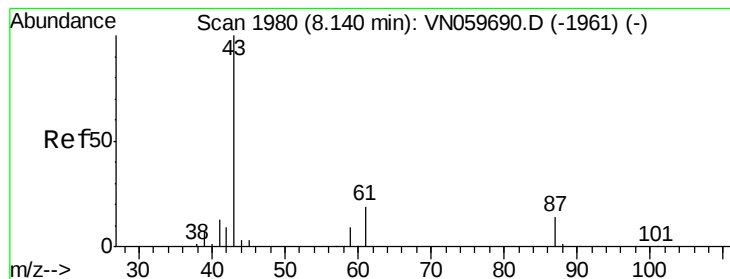
Tot Ion: 41 Resp: 17440
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 112.4 0.0 0.0#
52 46.7 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.328 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Tgt Ion: 62 Resp: 51831
Ion Ratio Lower Upper
62 100
98 9.2 0.0 15.8





#43

Isopropyl Acetate

Concen: 19.231 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

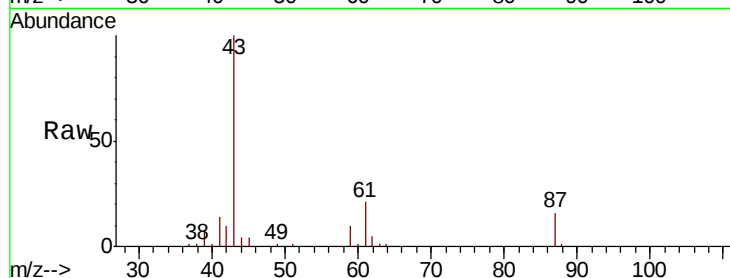
Tot Ion: 43 Resp: 78228

Ion Ratio Lower Upper

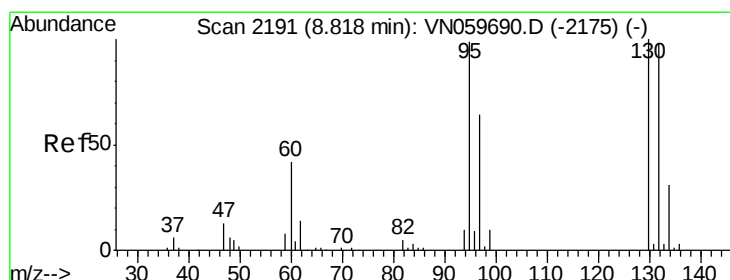
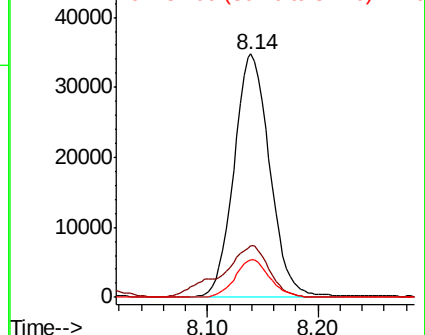
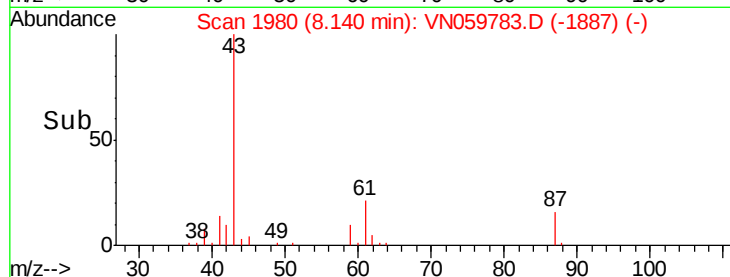
43 100

61 27.9 20.2 30.2

87 14.9 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059783.D (-1987) (-)



#44

Trichloroethene

Concen: 20.745 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059783.D

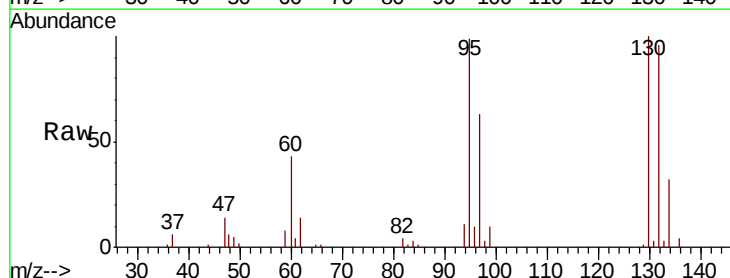
Acq: 20 Jan 2020 13:47

Tgt Ion:130 Resp: 42588

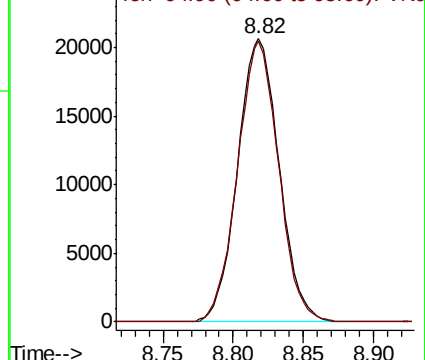
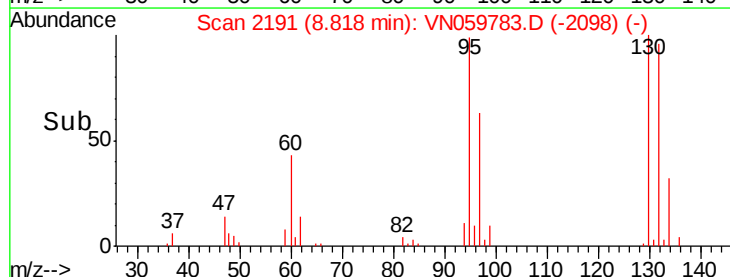
Ion Ratio Lower Upper

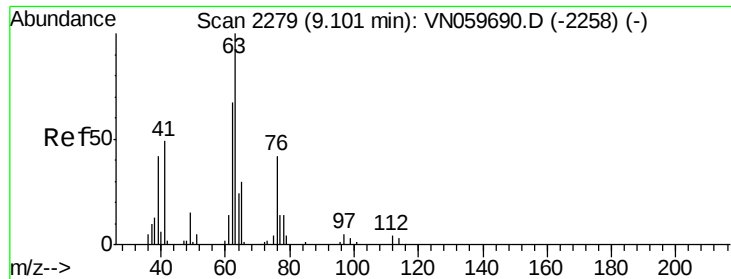
130 100

95 99.1 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059783.D (-2098) (-)

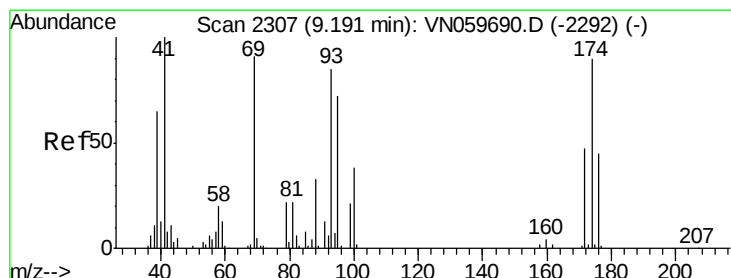
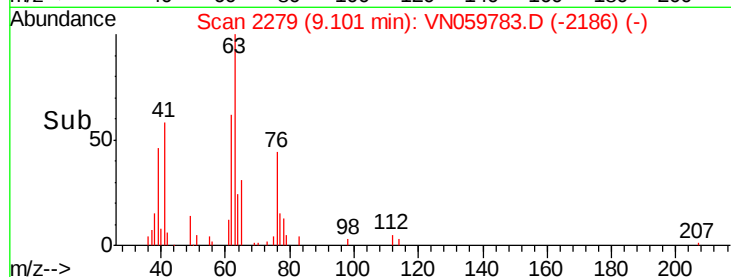
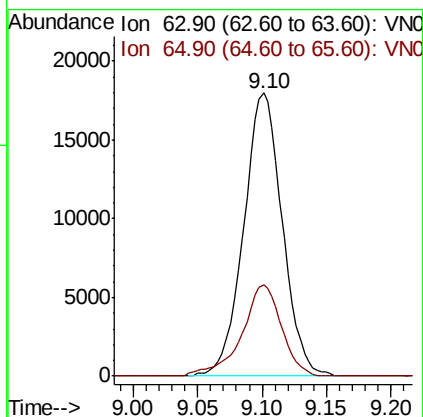
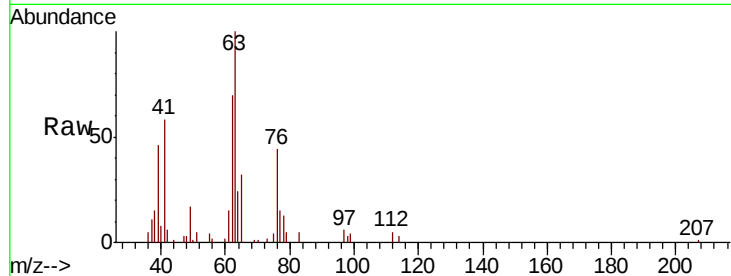




#45
 1,2-Dichloropropane
 Concen: 20.160 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN059783.D
 Acq: 20 Jan 2020 13:47

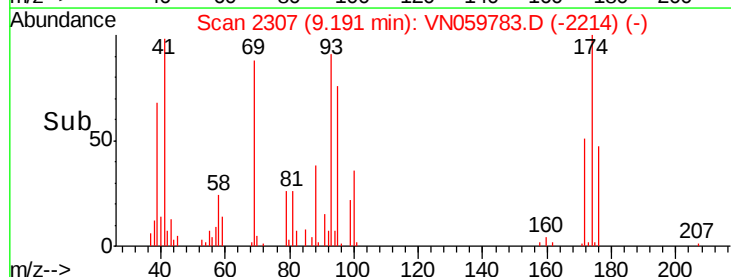
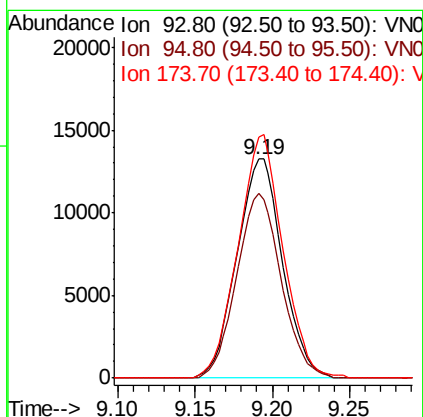
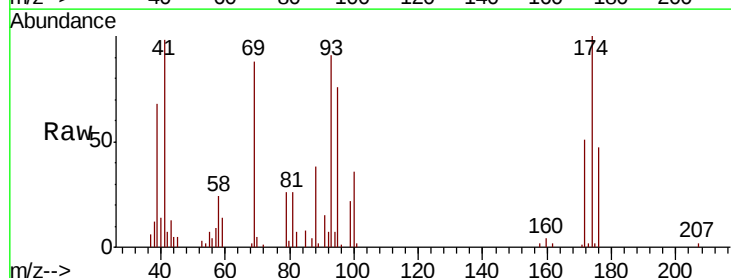
Instrument :
 MSVOA_N
 ClientSampled :

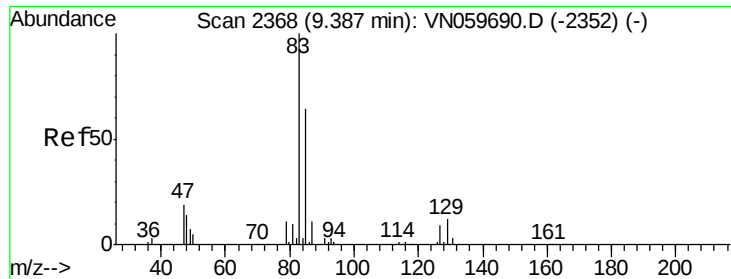
Tot Ion: 63 Resp: 37514
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.9 37.3



#46
 Dibromomethane
 Concen: 20.725 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN059783.D
 Acq: 20 Jan 2020 13:47

Tgt Ion: 93 Resp: 27205
 Ion Ratio Lower Upper
 93 100
 95 82.0 67.0 100.6
 174 109.0 73.4 110.2

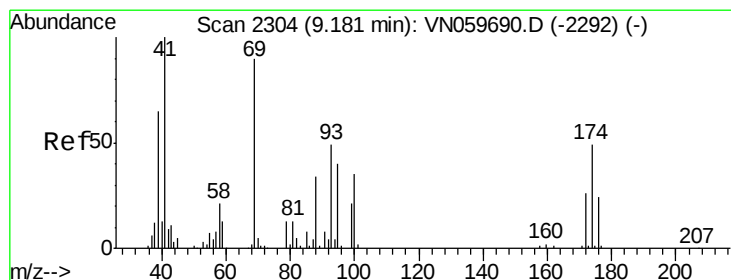
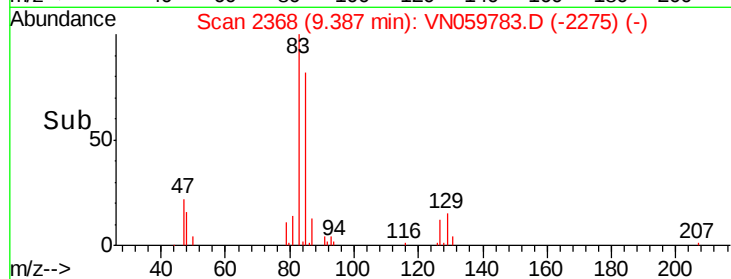
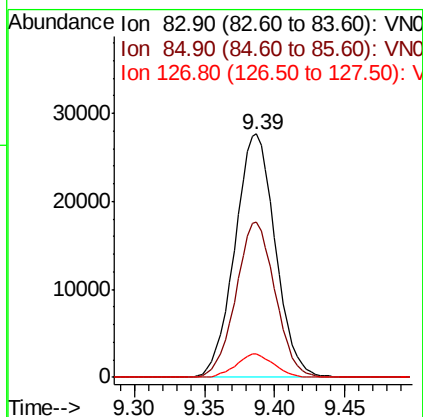
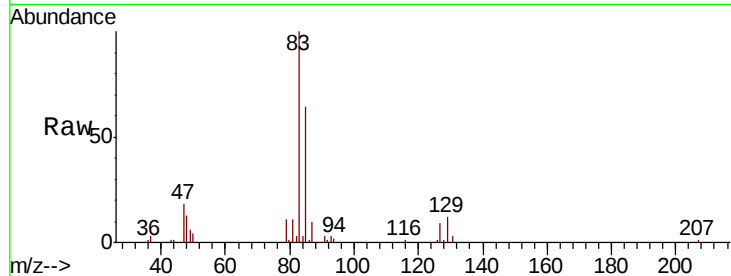




#47
 Bromodichloromethane
 Concen: 20.945 ug/l
 RT: 9.39 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: VN059783.D
 Acq: 20 Jan 2020 13:47

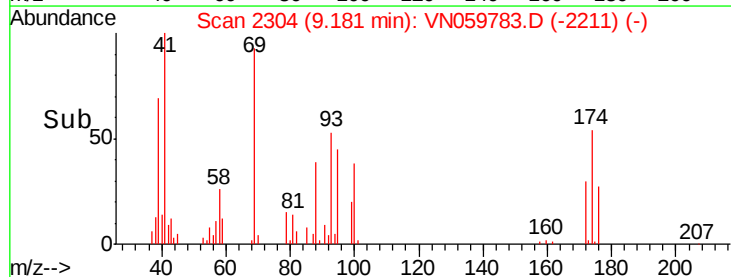
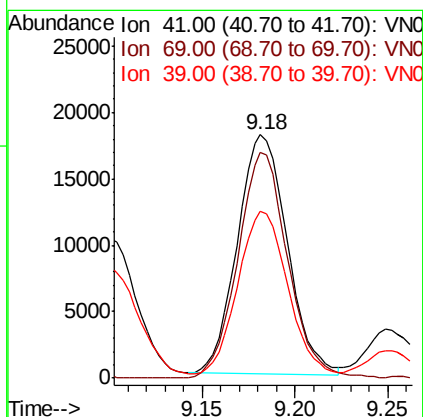
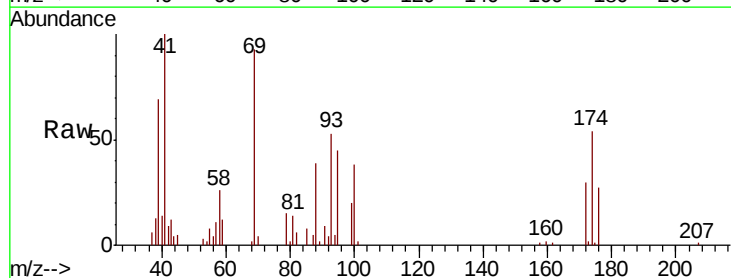
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 83 Resp: 55403
 Ion Ratio Lower Upper
 83 100
 85 63.7 51.1 76.7
 127 9.4 6.6 9.8



#48
 Methyl methacrylate
 Concen: 18.597 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: VN059783.D
 Acq: 20 Jan 2020 13:47

Tgt Ion: 41 Resp: 33838
 Ion Ratio Lower Upper
 41 100
 69 94.1 64.4 96.6
 39 67.8 51.3 76.9

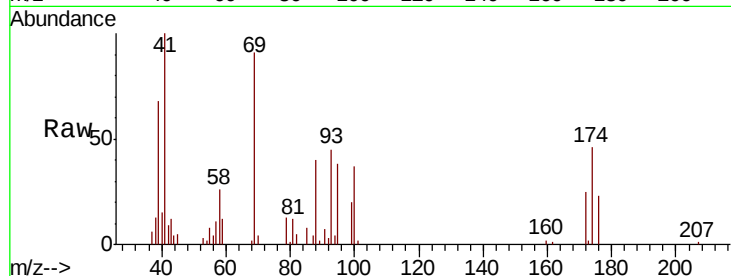




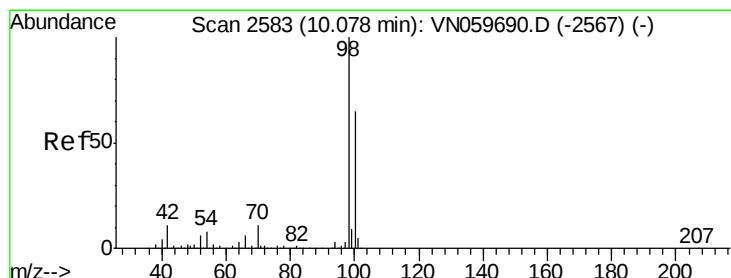
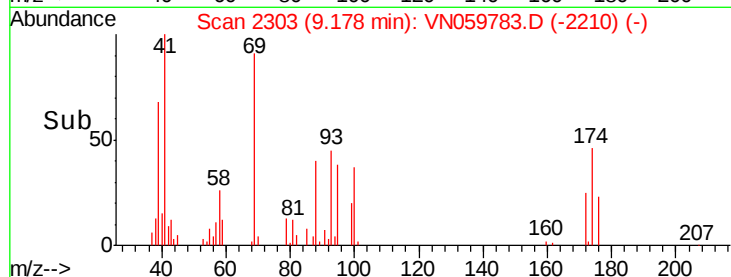
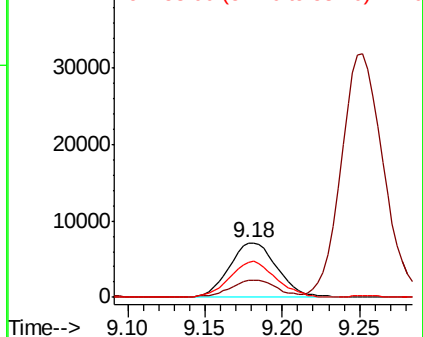
#49
1,4-Dioxane
Concen: 458.709 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 15279
Ion Ratio Lower Upper
88 100
43 31.3 29.7 44.5
58 63.7 56.6 85.0

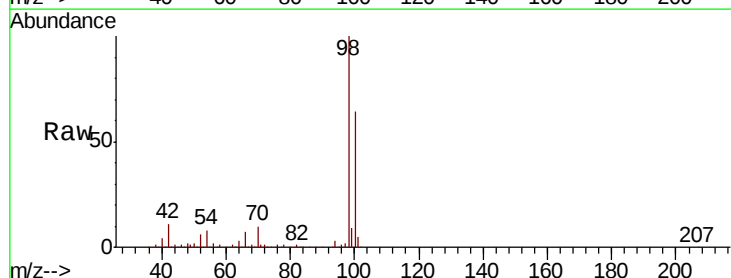


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

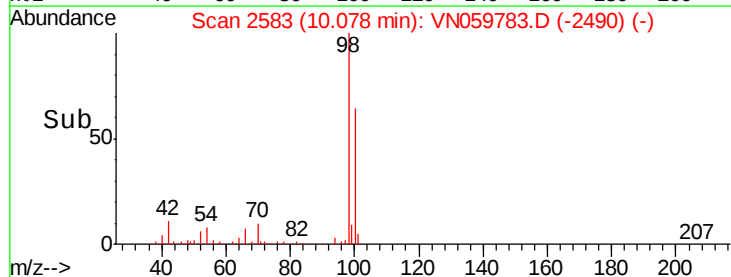
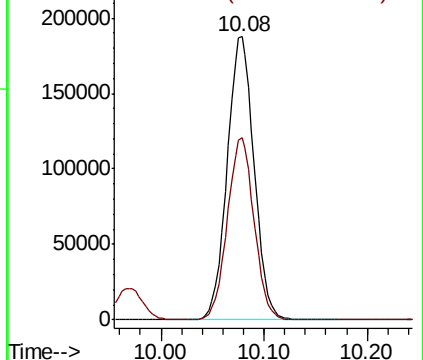


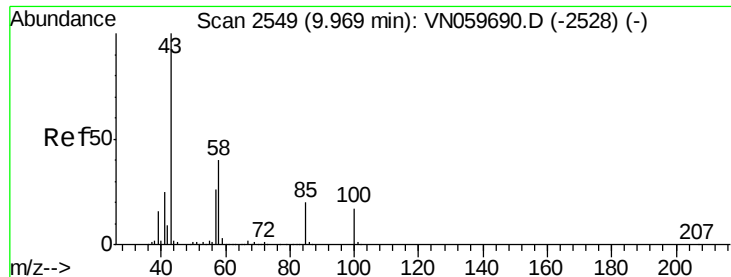
#50
Toluene-d8
Concen: 50.844 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Tgt Ion: 98 Resp: 340150
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



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

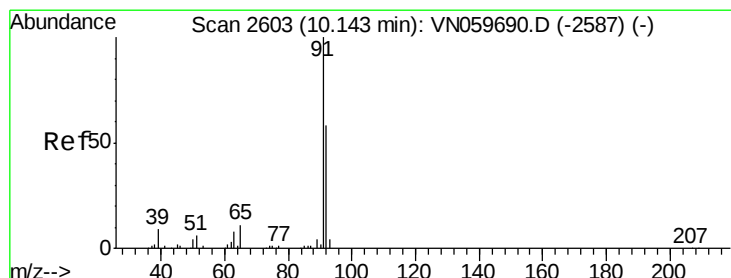
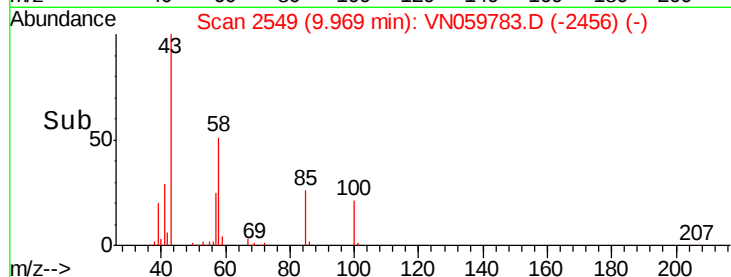
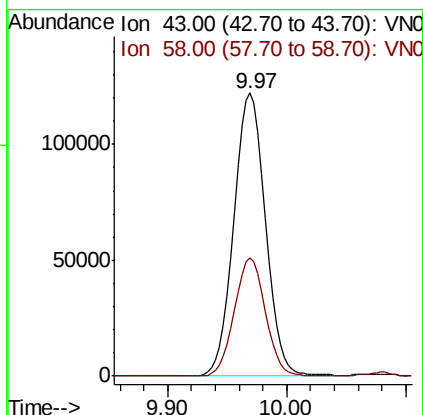
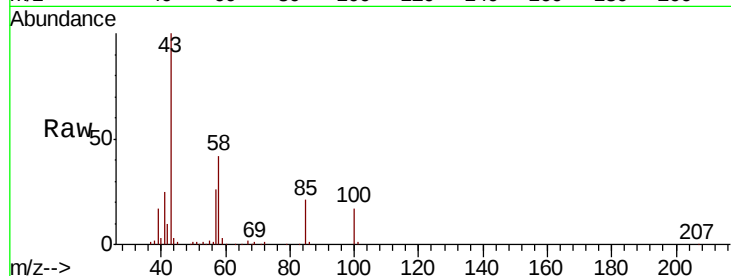




#51
4-Methyl-2-Pentanone
Concen: 95.782 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

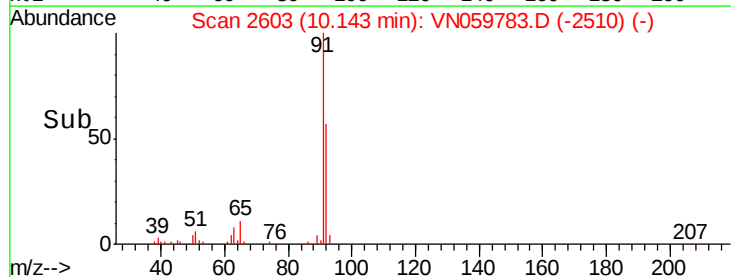
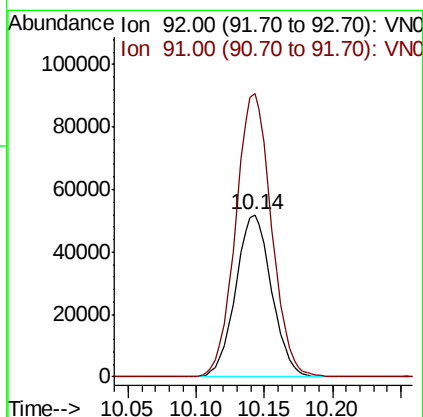
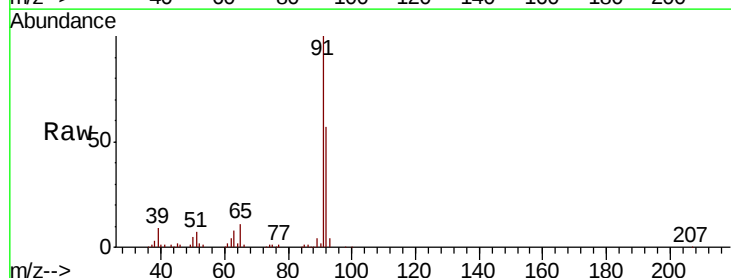
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 225228
Ion Ratio Lower Upper
43 100
58 40.9 29.8 44.8



#52
Toluene
Concen: 19.942 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Tgt Ion: 92 Resp: 94724
Ion Ratio Lower Upper
92 100
91 174.5 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 20.415 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Instrument :

MSVOA_N

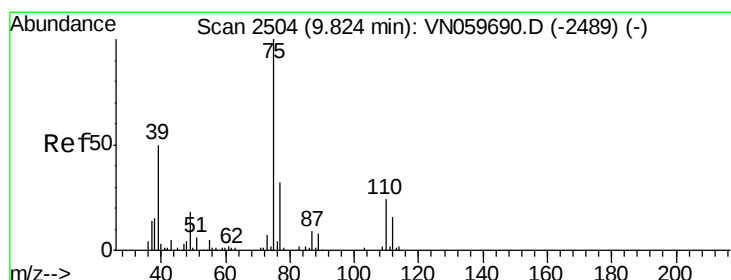
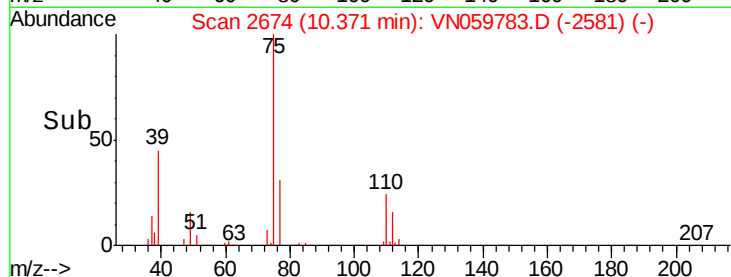
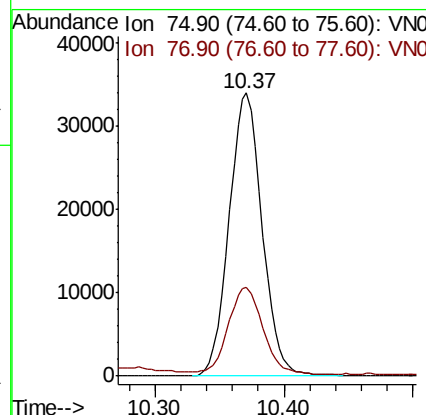
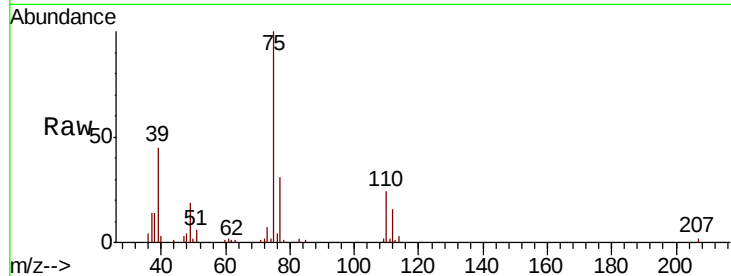
ClientSampleId :

Tot Ion: 75 Resp: 60296

Ion Ratio Lower Upper

75 100

77 30.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.405 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

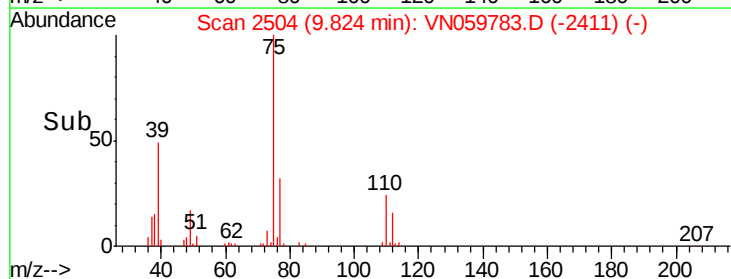
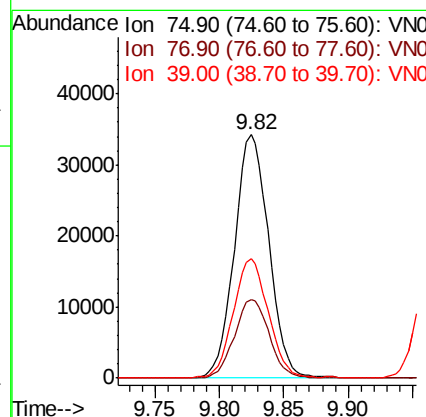
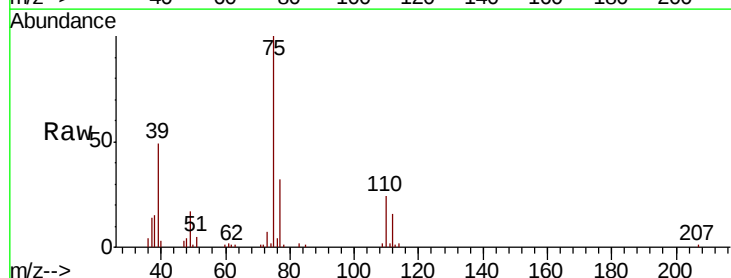
Tgt Ion: 75 Resp: 63413

Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7

39 49.0 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 20.537 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

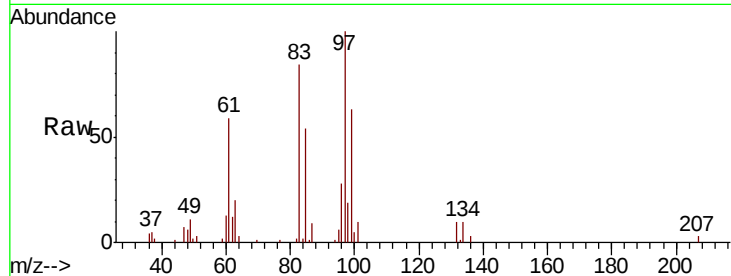
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 38636

Ion	Ratio	Lower	Upper
97	100		
83	84.4	71.3	106.9
85	54.4	45.8	68.8
99	63.1	50.0	75.0



Abundance

Ion 96.90 (96.60 to 97.60): VN0

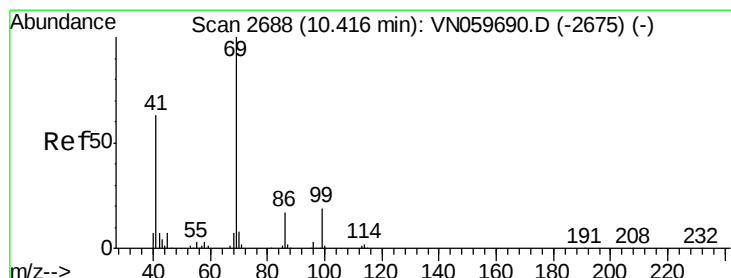
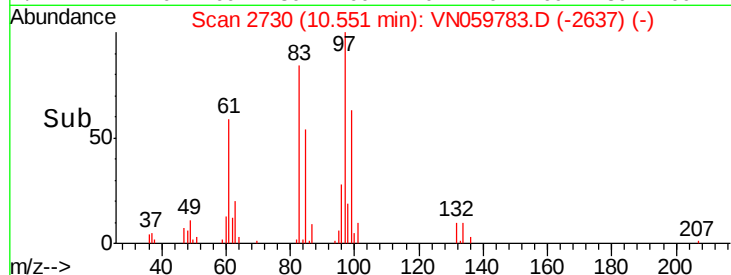
Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

10.55

Time-->



#56

Ethyl methacrylate

Concen: 19.468 ug/l

RT: 10.42 min Scan# 2689

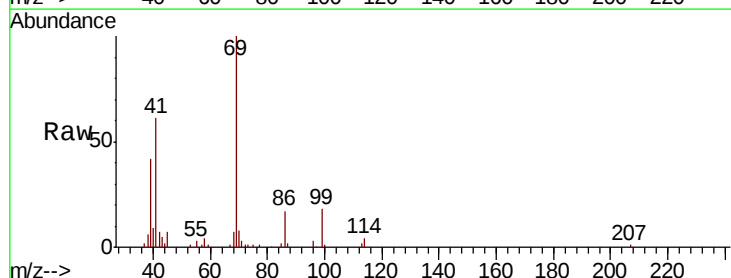
Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Tgt Ion: 69 Resp: 55963

Ion	Ratio	Lower	Upper
69	100		
41	60.9	57.1	85.7
39	40.6	34.7	52.1



Abundance

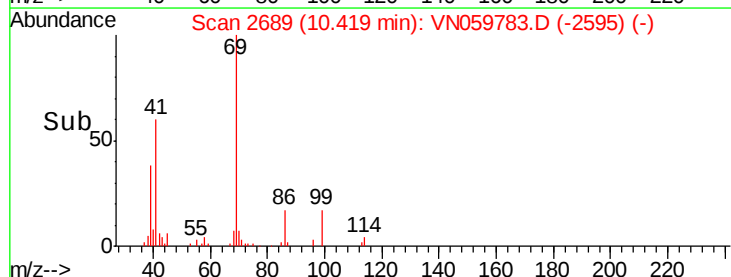
Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

10.42

Time-->





#57

1,3-Dichloropropane

Concen: 20.502 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Instrument :

MSVOA_N

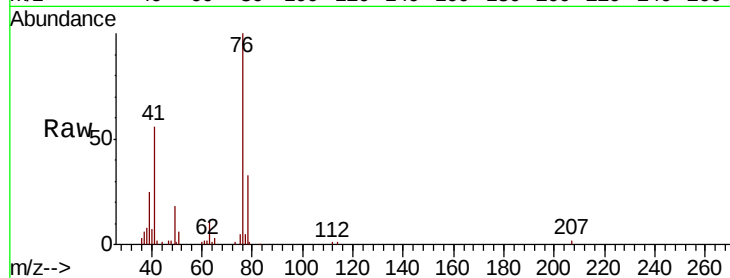
ClientSampleId :

Tot Ion: 76 Resp: 61235

Ion Ratio Lower Upper

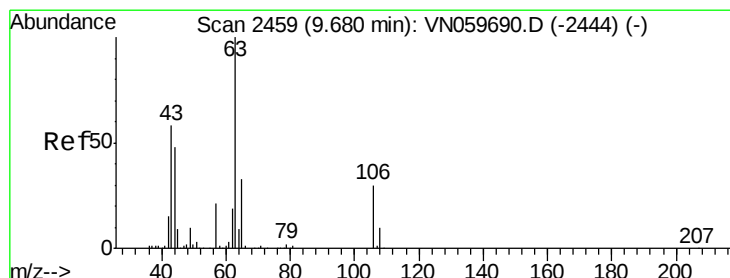
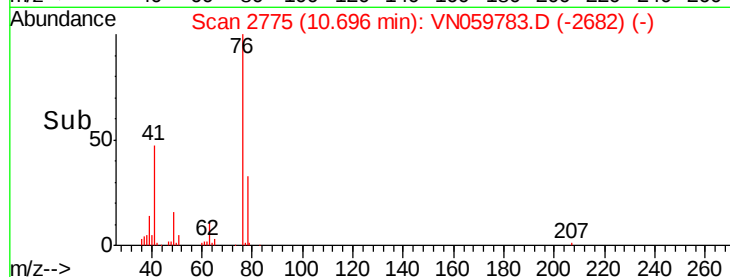
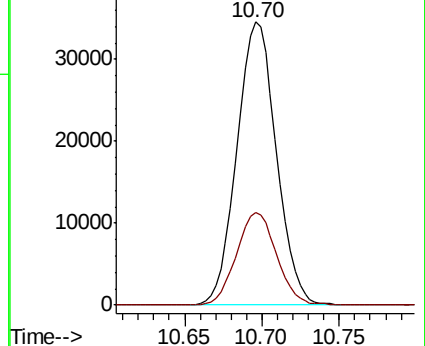
76 100

78 33.1 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN059690.D (-2761) (-)

Ion 77.90 (77.60 to 78.60): VN059690.D (-2761) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 103.704 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059783.D

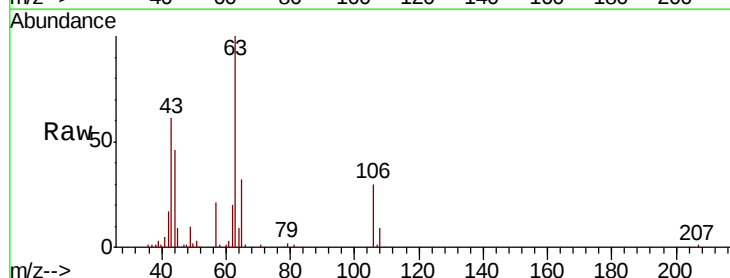
Acq: 20 Jan 2020 13:47

Tgt Ion: 63 Resp: 89790

Ion Ratio Lower Upper

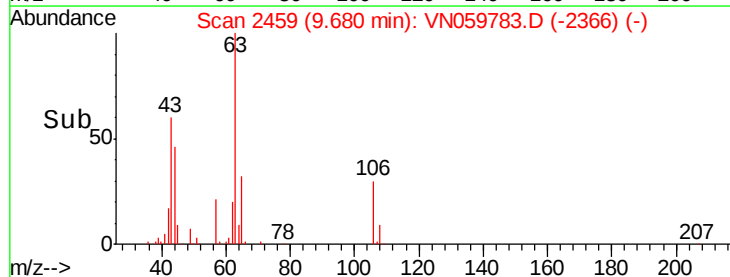
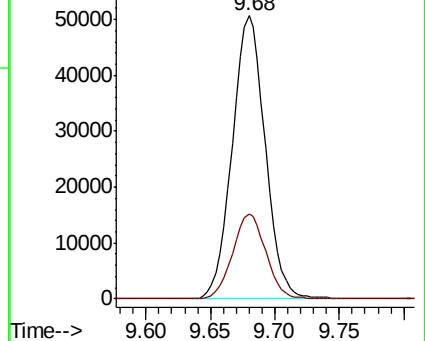
63 100

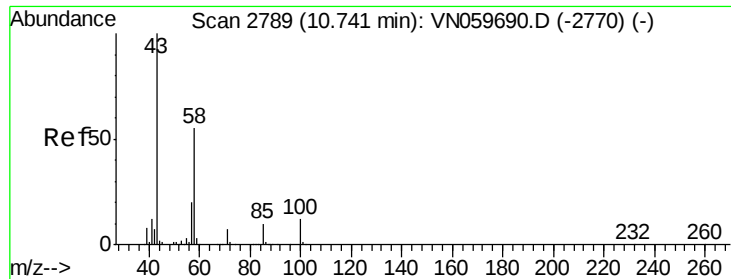
106 30.2 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN059690.D (-2444) (-)

Ion 105.90 (105.60 to 106.60): VN059690.D (-2444) (-)

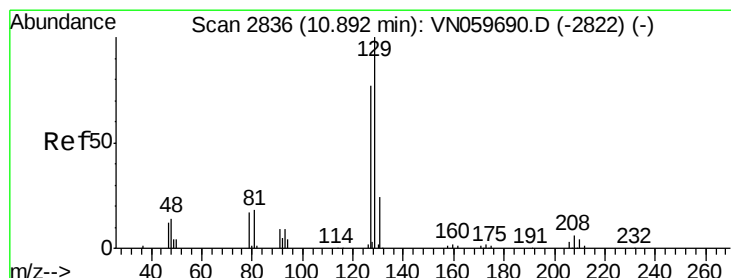
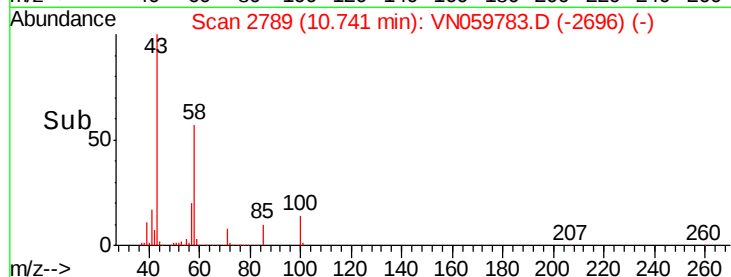
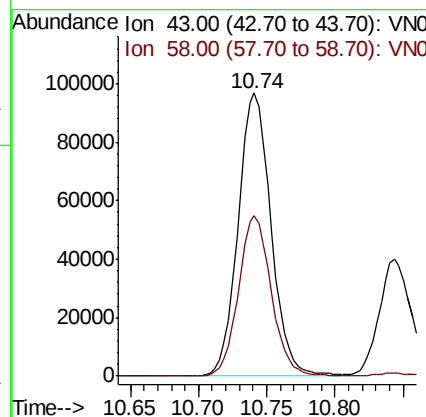
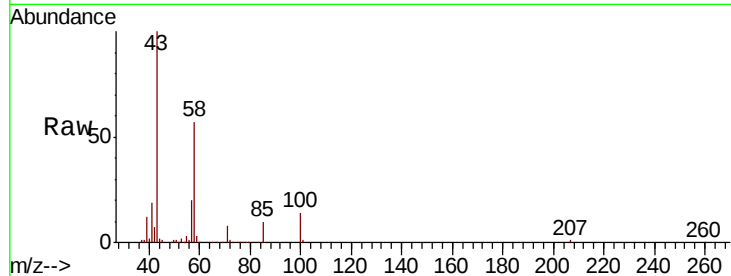




#59
2-Hexanone
Concen: 93.685 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

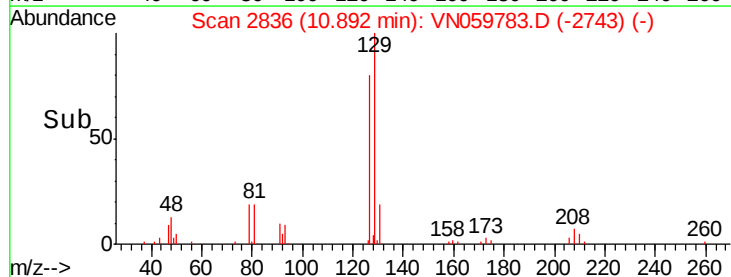
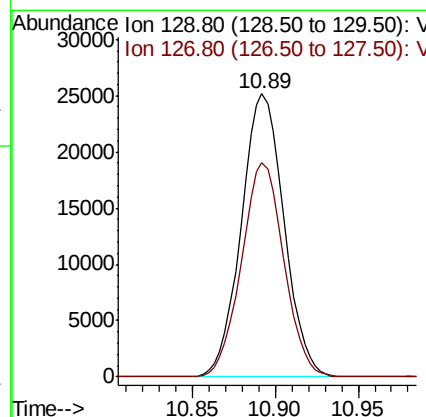
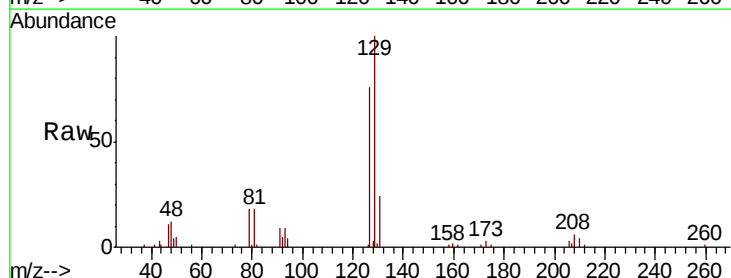
Instrument :
MSVOA_N
ClientSampleId :

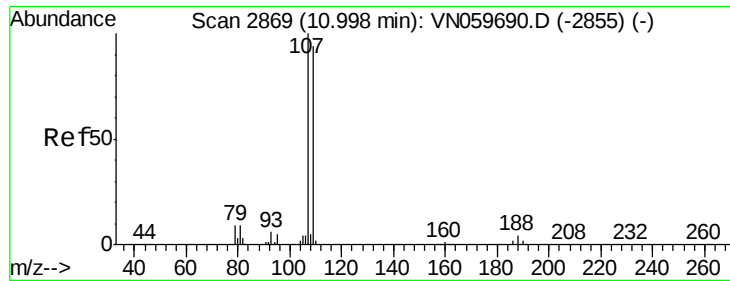
Tot Ion: 43 Resp: 162293
Ion Ratio Lower Upper
43 100
58 56.4 25.8 77.3



#60
Dibromochloromethane
Concen: 21.053 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Tgt Ion: 129 Resp: 45103
Ion Ratio Lower Upper
129 100
127 74.8 38.5 115.5

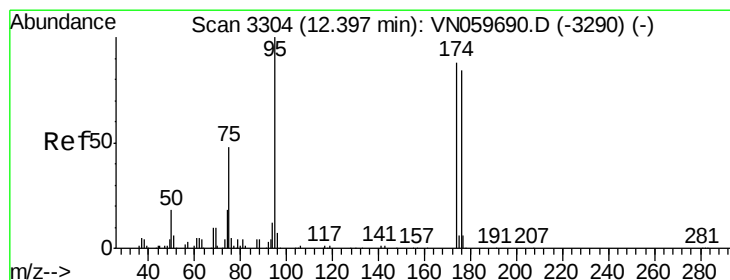
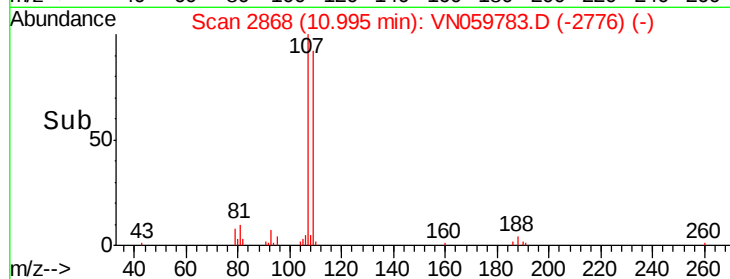
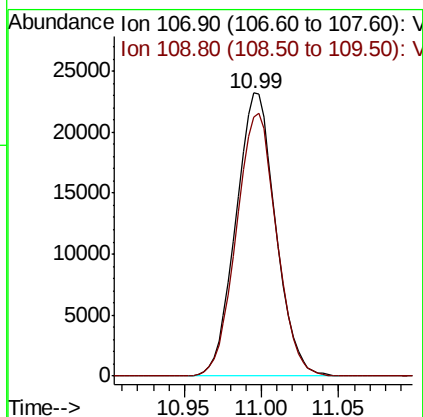
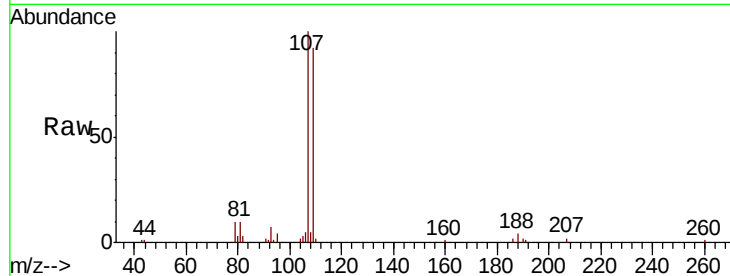




#61
 1,2-Dibromoethane
 Concen: 21.046 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059783.D
 Acq: 20 Jan 2020 13:47

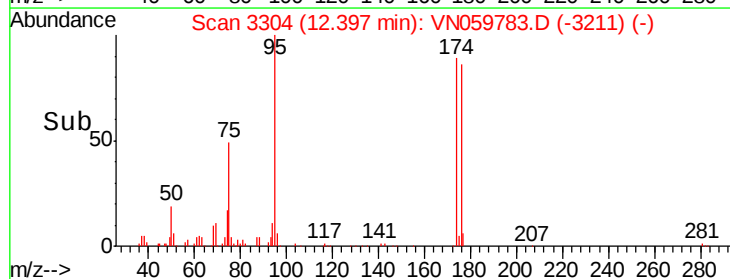
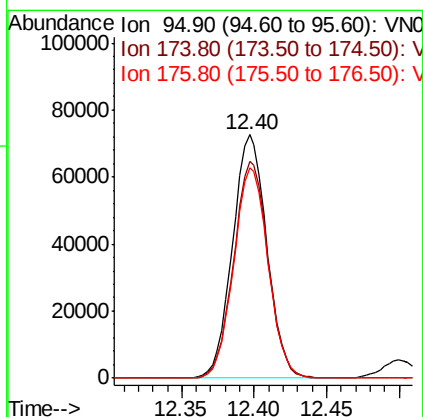
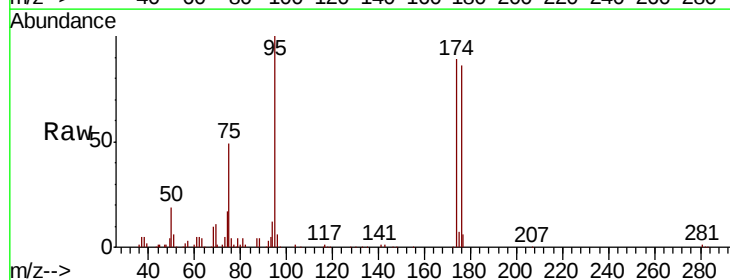
Instrument :
 MSVOA_N
 ClientSampled :

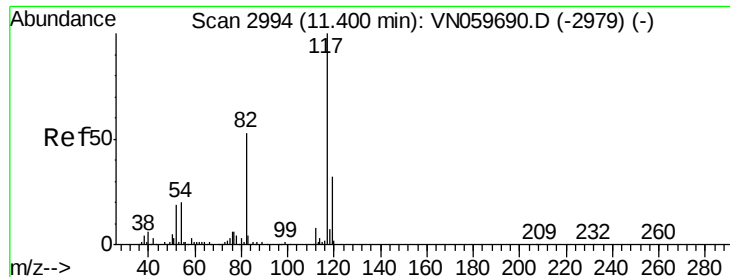
Tot Ion:107 Resp: 41498
 Ion Ratio Lower Upper
 107 100
 109 93.7 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 49.419 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059783.D
 Acq: 20 Jan 2020 13:47

Tgt Ion: 95 Resp: 119187
 Ion Ratio Lower Upper
 95 100
 174 89.3 0.0 151.4
 176 86.7 0.0 146.0

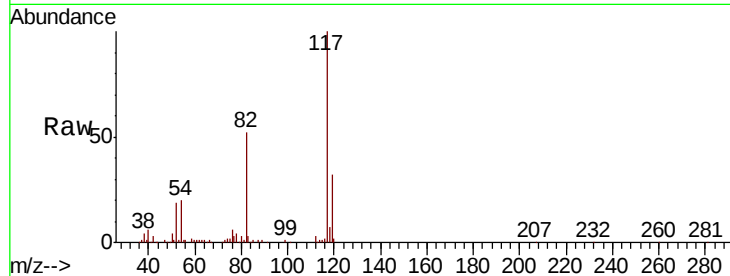




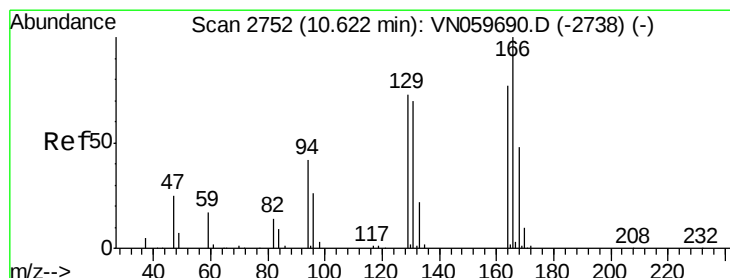
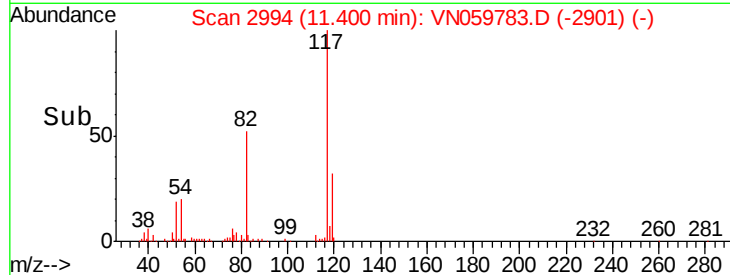
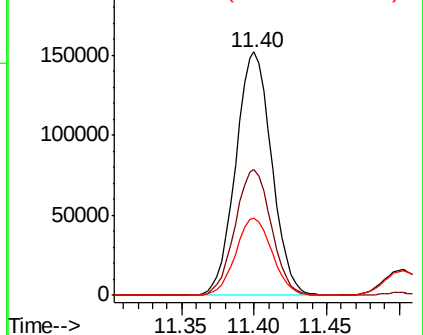
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 262173
Ion Ratio Lower Upper
117 100
82 51.8 45.9 68.9
119 31.9 25.5 38.3

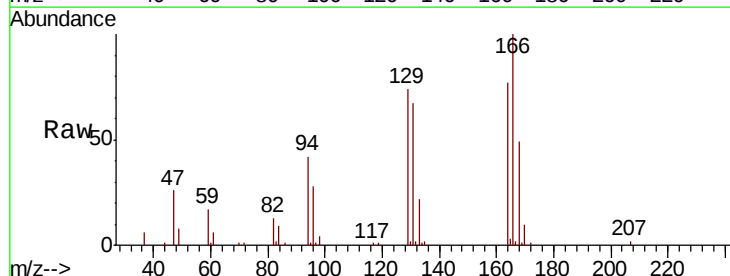


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

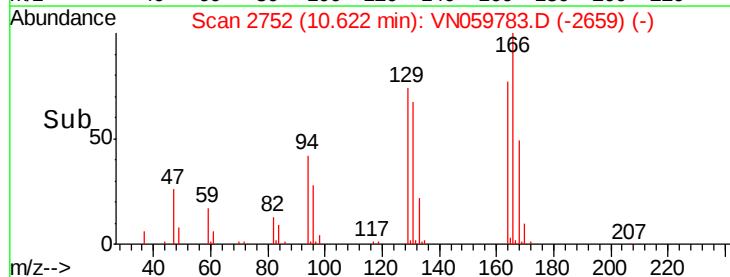
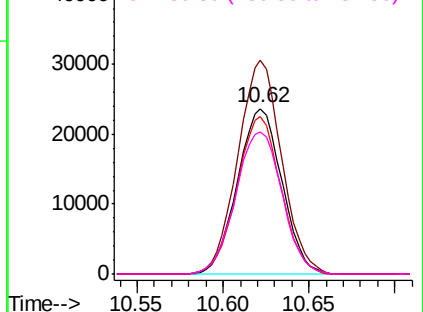


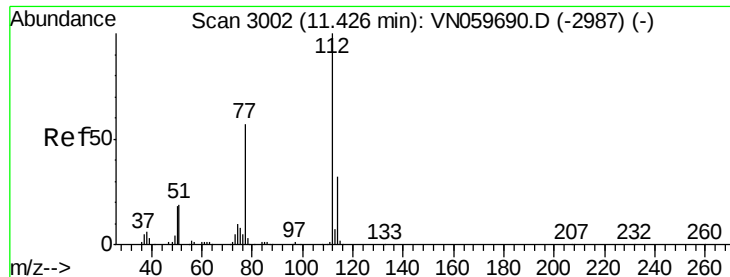
#64
Tetrachloroethene
Concen: 19.864 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Tgt Ion:164 Resp: 42445
Ion Ratio Lower Upper
164 100
166 129.2 101.4 152.0
129 95.0 80.2 120.4
131 86.3 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

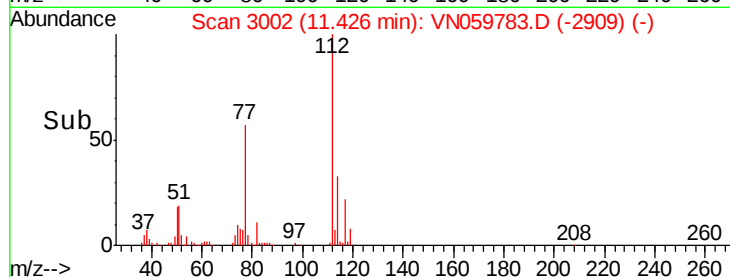
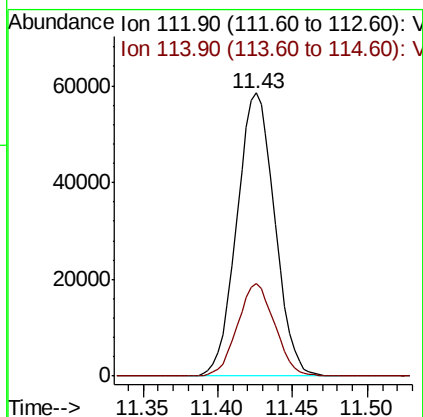
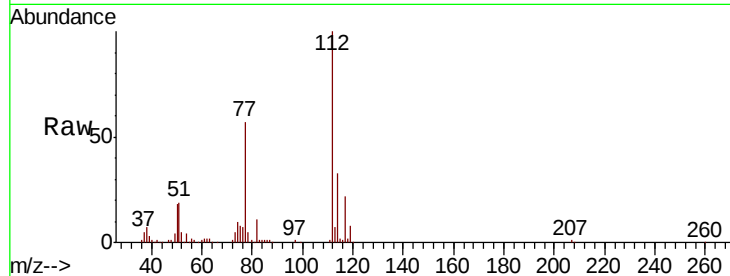




#65
Chlorobenzene
Concen: 19.971 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

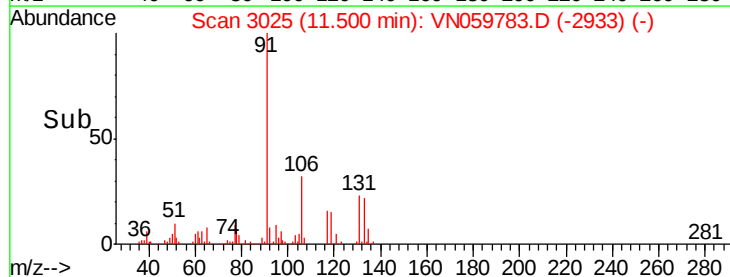
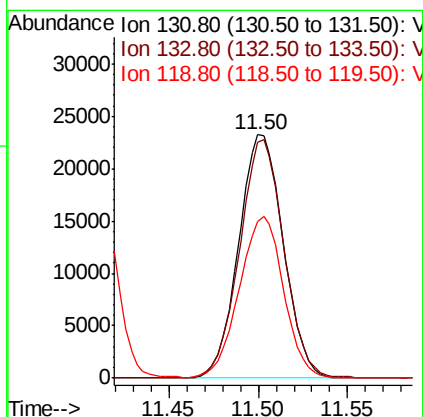
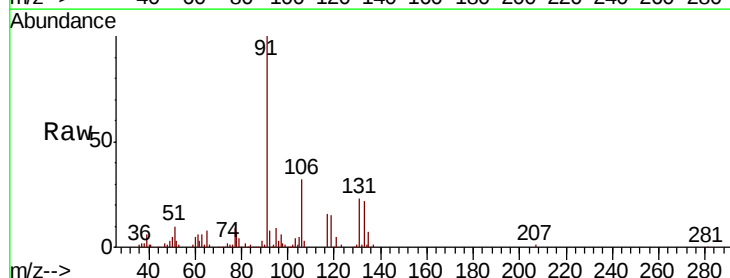
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:112 Resp: 102914
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.334 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Tgt Ion:131 Resp: 40489
Ion Ratio Lower Upper
131 100
133 97.6 47.4 142.2
119 66.1 33.1 99.3

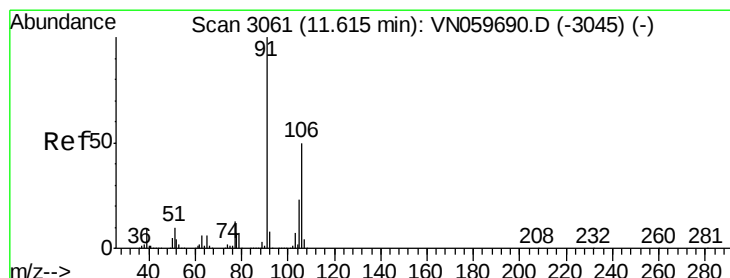
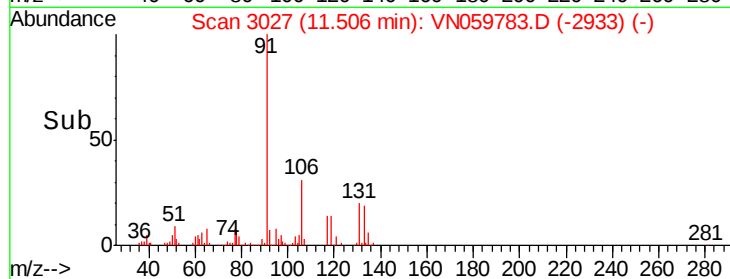
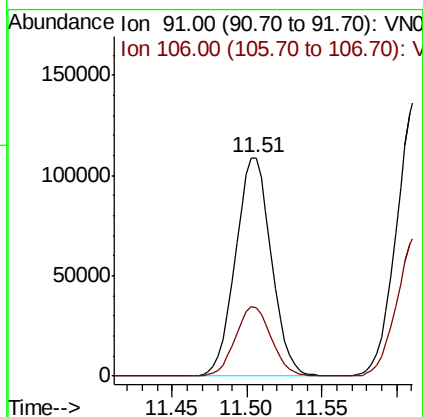
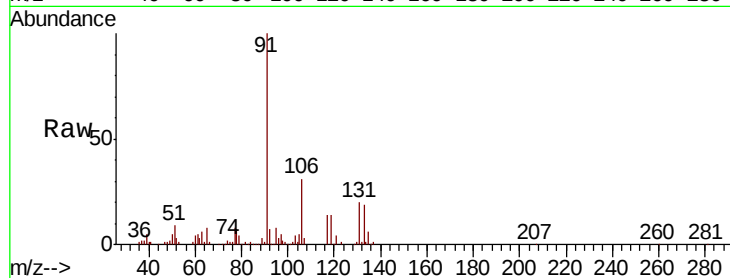




#67
Ethyl Benzene
Concen: 19.441 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

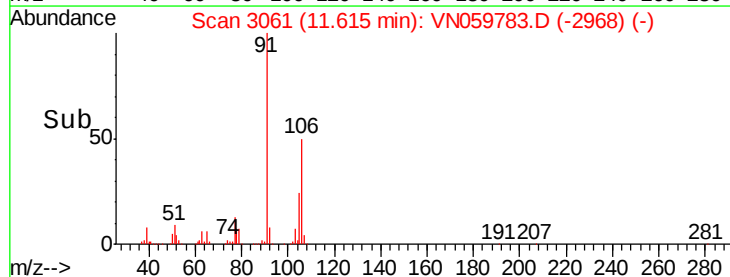
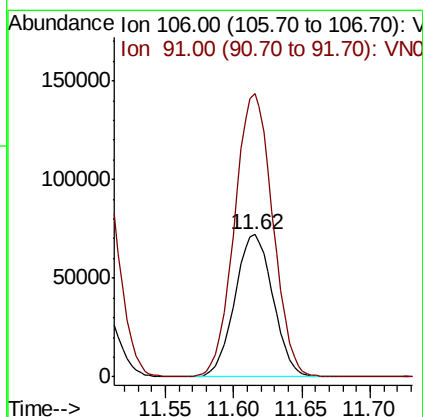
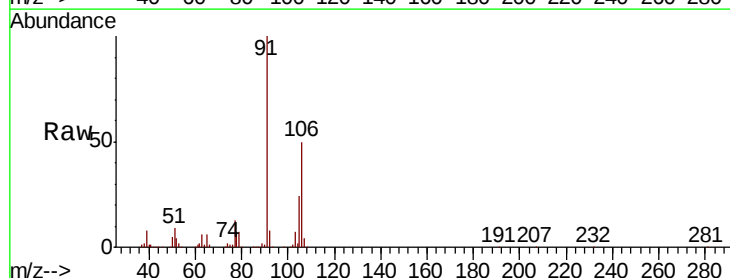
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 181860
Ion Ratio Lower Upper
91 100
106 31.4 24.1 36.1



#68
m/p-Xylenes
Concen: 39.558 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Tgt Ion: 106 Resp: 139782
Ion Ratio Lower Upper
106 100
91 199.3 167.9 251.9

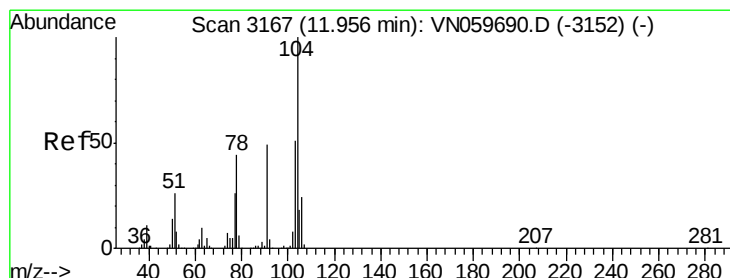
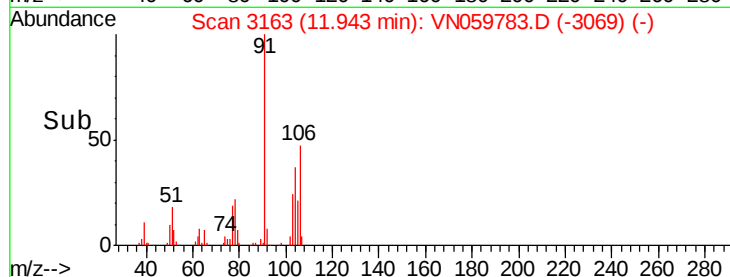
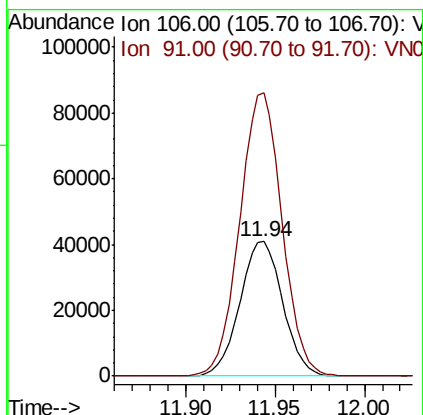
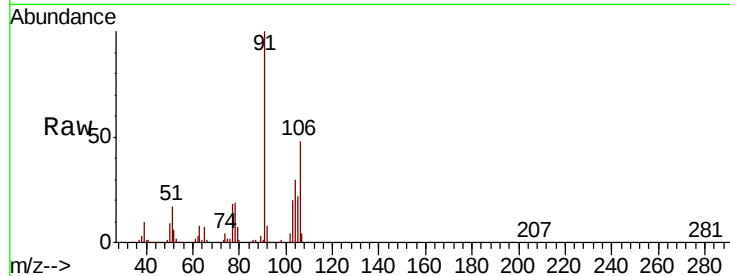




#69
o-Xylene
Concen: 19.821 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

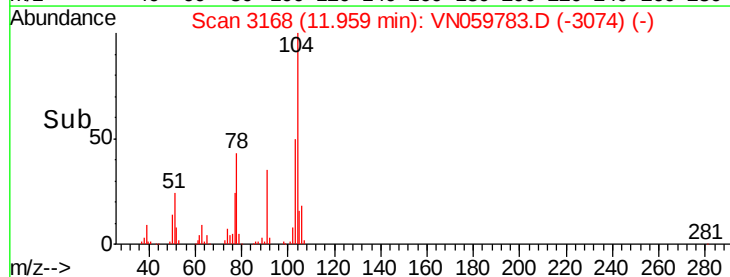
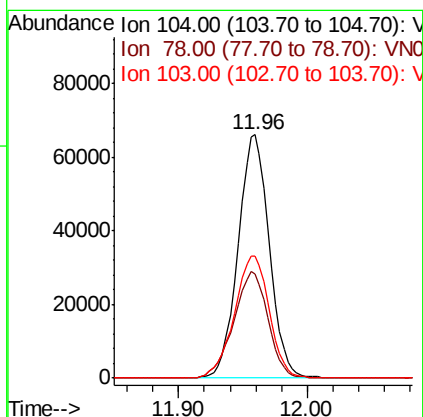
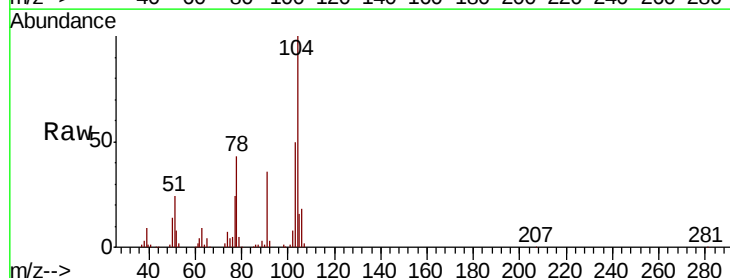
Instrument :
MSVOA_N
ClientSampled :

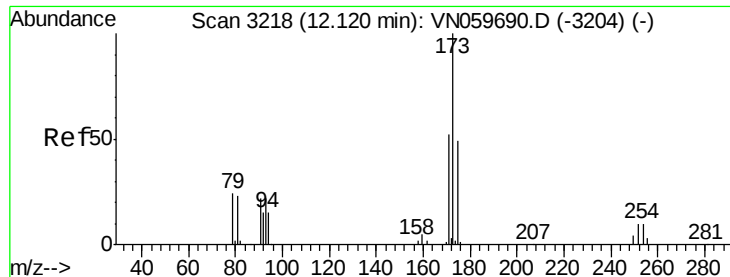
Tot Ion:106 Resp: 68569
Ion Ratio Lower Upper
106 100
91 207.7 110.3 330.9



#70
Styrene
Concen: 19.196 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Tgt Ion:104 Resp: 111124
Ion Ratio Lower Upper
104 100
78 48.1 42.4 63.6
103 56.2 43.9 65.9

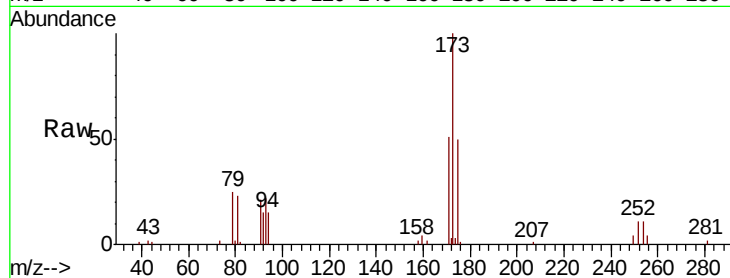




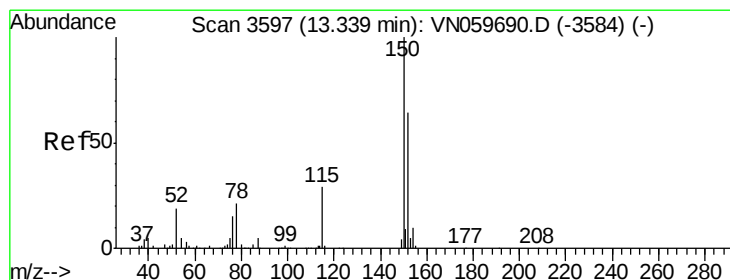
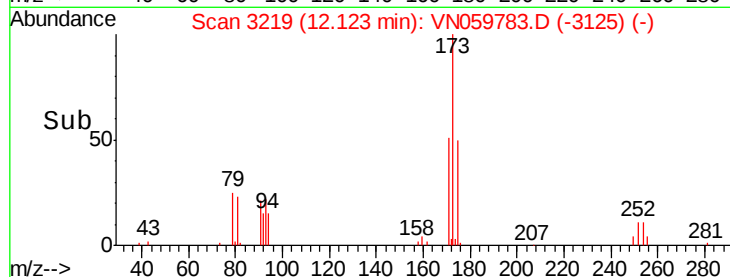
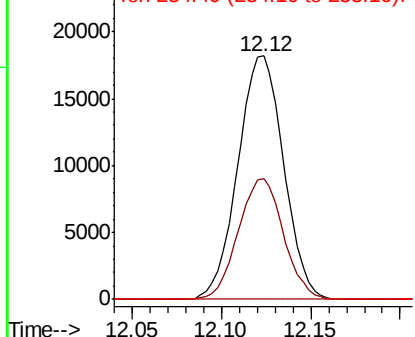
#71
Bromoform
Concen: 20.363 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 32478
Ion Ratio Lower Upper
173 100
175 48.9 23.8 71.4
254 0.0 0.0 0.0

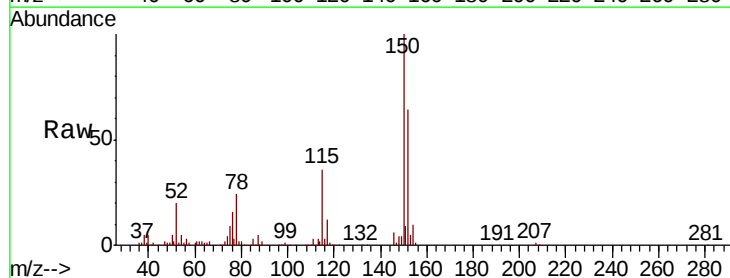


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

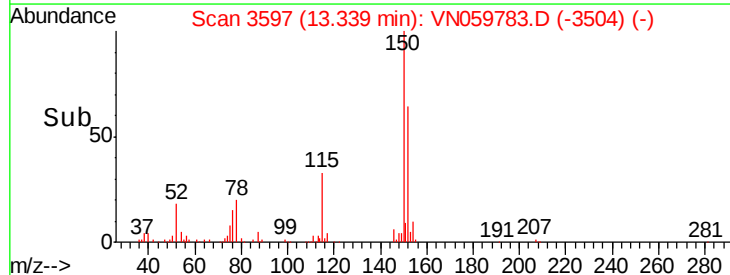
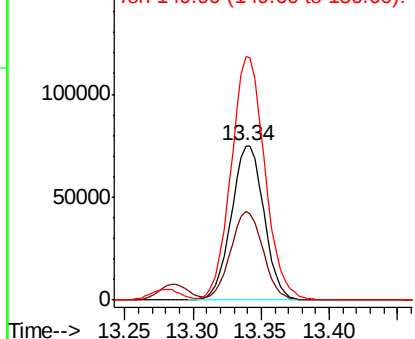


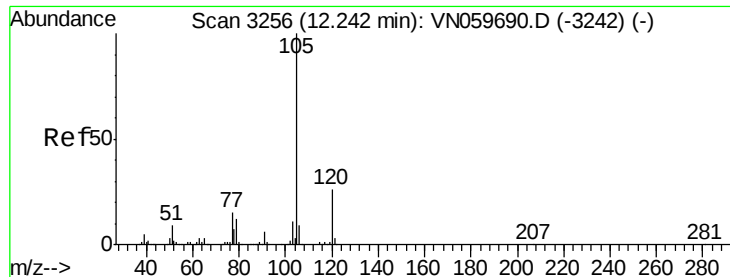
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059783.D
Acq: 20 Jan 2020 13:47

Tgt Ion:152 Resp: 125003
Ion Ratio Lower Upper
152 100
115 57.2 30.3 90.9
150 161.7 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: 19.883 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Instrument :

MSVOA_N

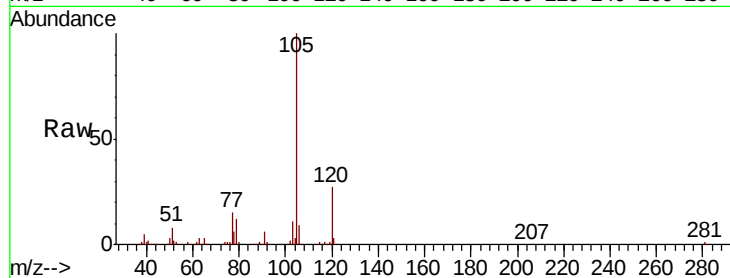
ClientSampleId :

Tot Ion:105 Resp: 182279

Ion Ratio Lower Upper

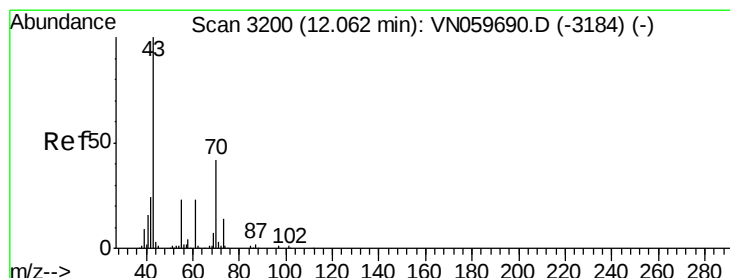
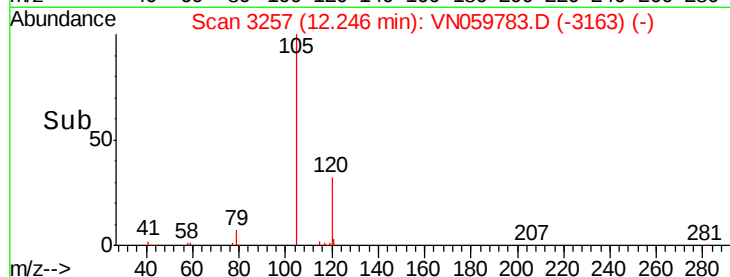
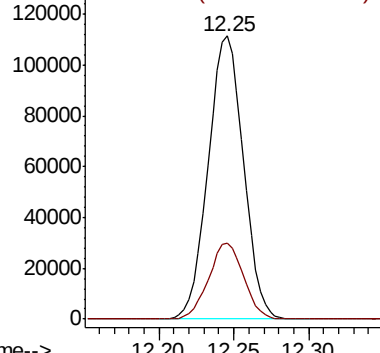
105 100

120 26.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.150 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Tgt Ion: 43 Resp: 64567

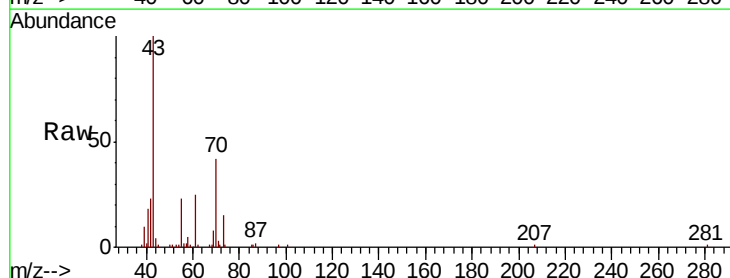
Ion Ratio Lower Upper

43 100

70 42.6 31.3 46.9

55 23.7 19.8 29.6

61 24.3 18.3 27.5

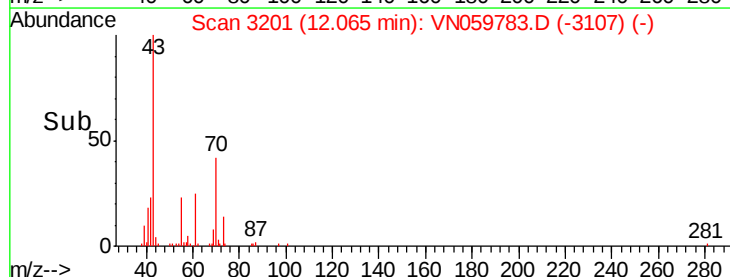
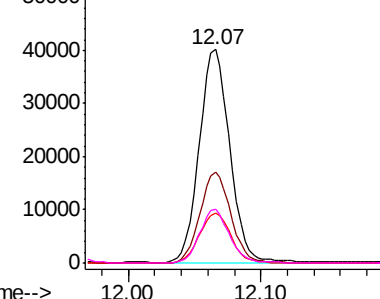


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.731 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

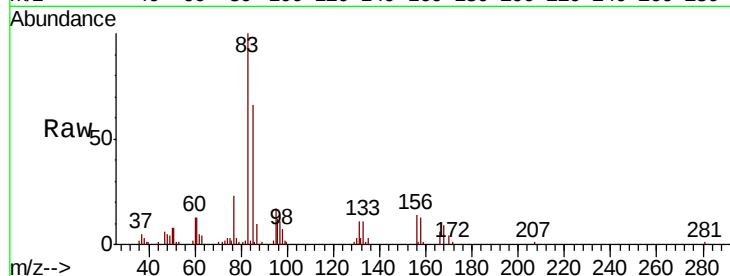
Tot Ion: 83 Resp: 52438

Ion Ratio Lower Upper

83 100

131 10.9 5.0 14.9

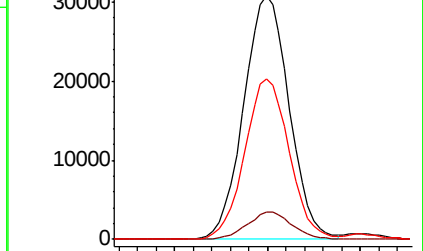
85 64.5 31.9 95.5



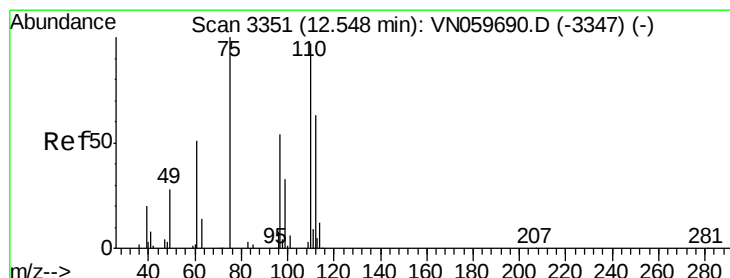
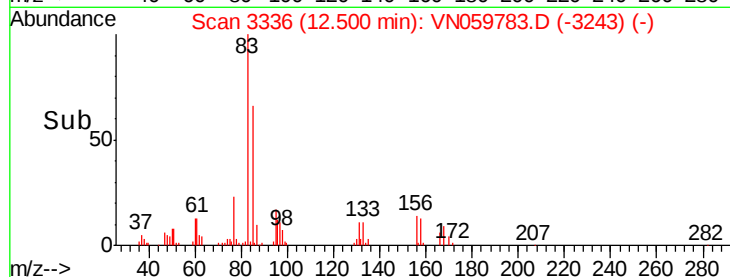
Abundance Ion 82.90 (82.60 to 83.60): VN059783.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN059783.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN059783.D (-3243) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 33.654 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059783.D

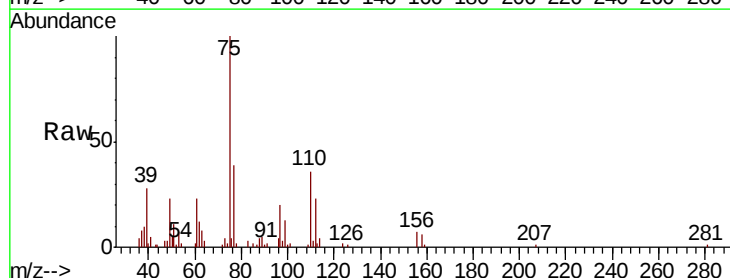
Acq: 20 Jan 2020 13:47

Tgt Ion: 75 Resp: 70798

Ion Ratio Lower Upper

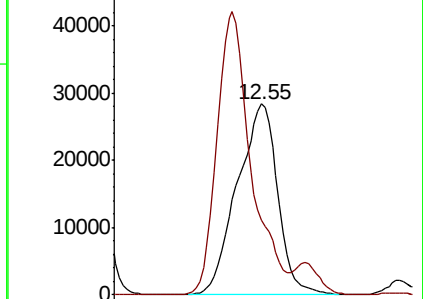
75 100

77 0.0 0.0 0.0

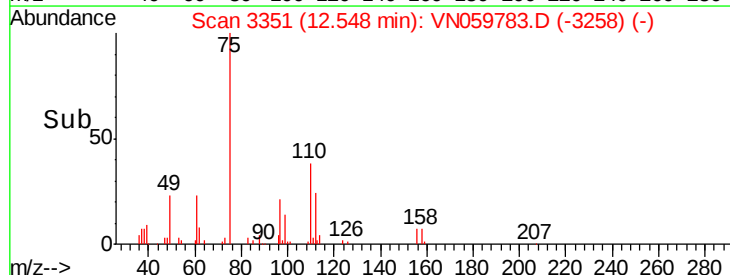


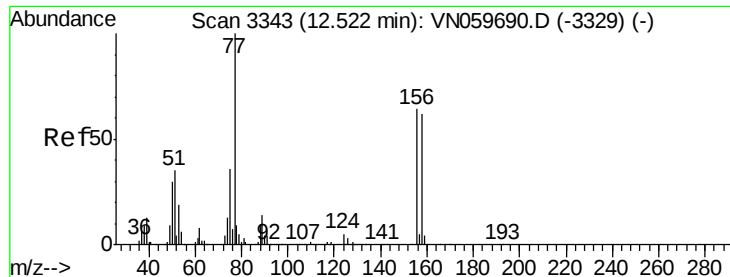
Abundance Ion 74.90 (74.60 to 75.60): VN059783.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN059783.D (-3258) (-)



Time-->





#77

Bromobenzene

Concen: 20.121 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

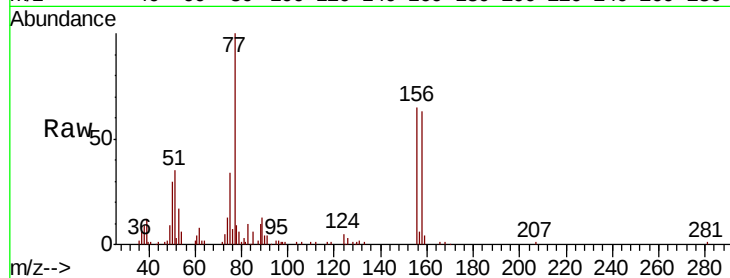
Tot Ion:156 Resp: 46714

Ion Ratio Lower Upper

156 100

77 187.9 115.8 347.4

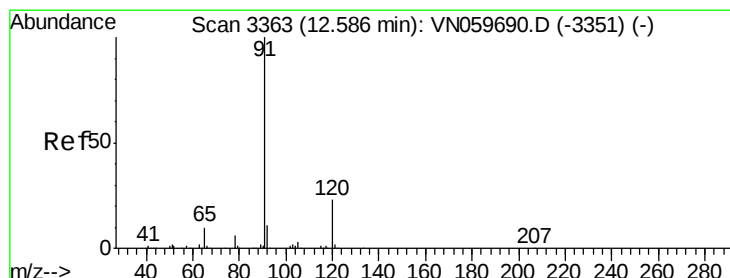
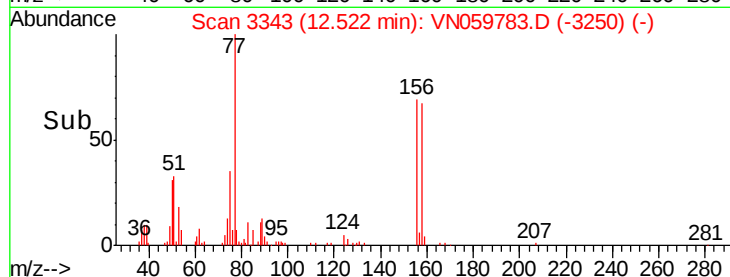
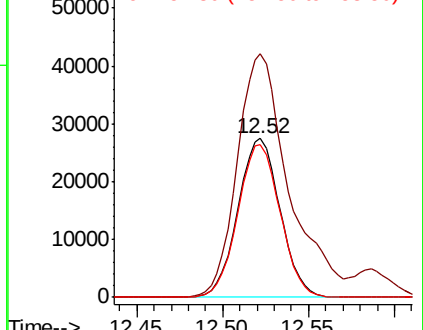
158 96.6 49.2 147.6



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: 19.486 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059783.D

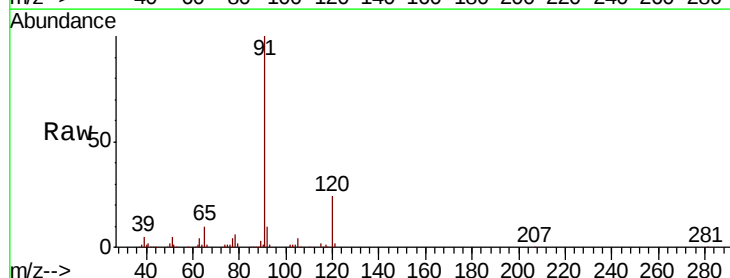
Acq: 20 Jan 2020 13:47

Tgt Ion: 91 Resp: 200505

Ion Ratio Lower Upper

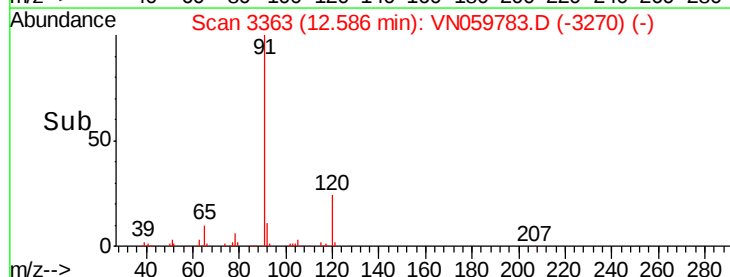
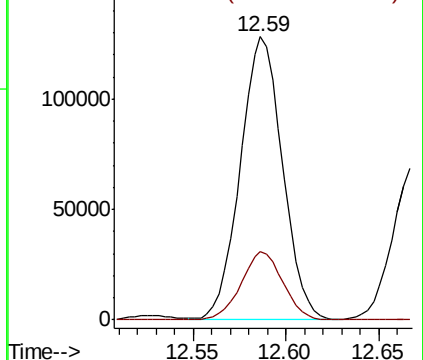
91 100

120 24.1 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: 19.458 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Instrument :

MSVOA_N

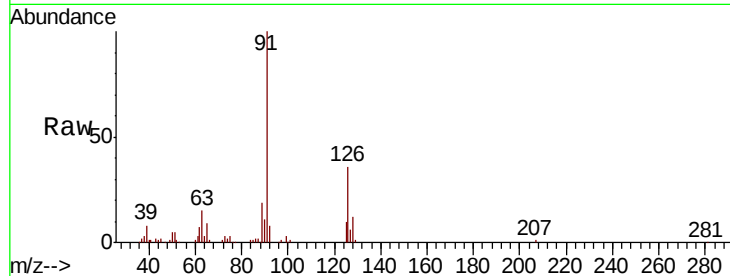
ClientSampled :

Tot Ion: 91 Resp: 119111

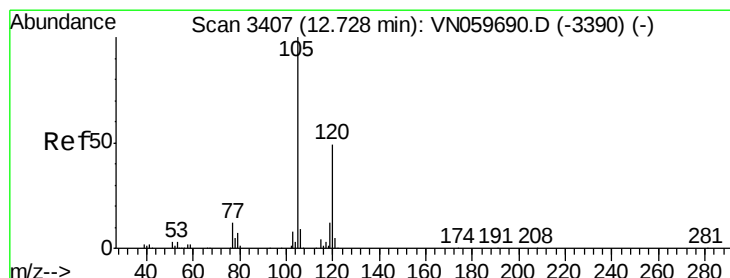
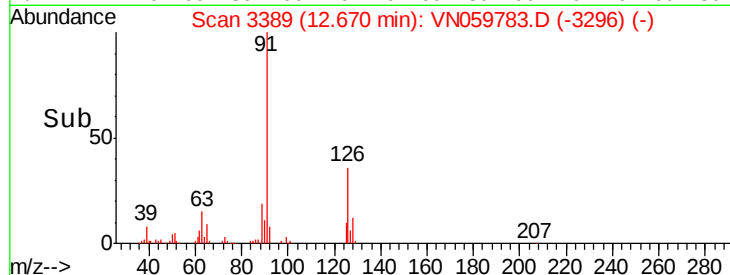
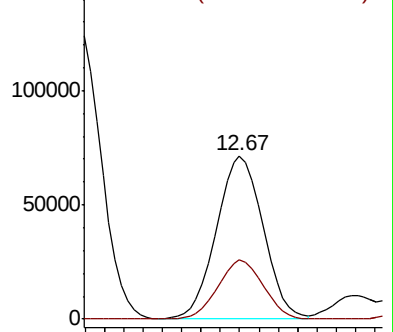
Ion Ratio Lower Upper

91 100

126 35.5 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN059783.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.641 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059783.D

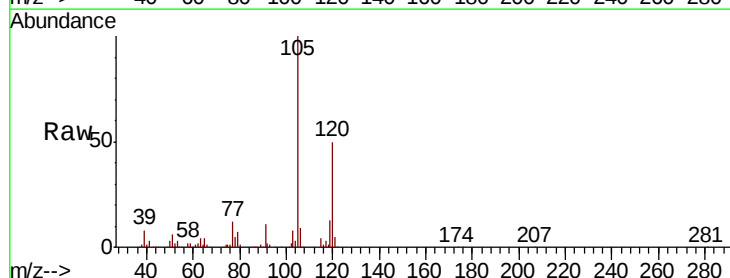
Acq: 20 Jan 2020 13:47

Tgt Ion: 105 Resp: 151431

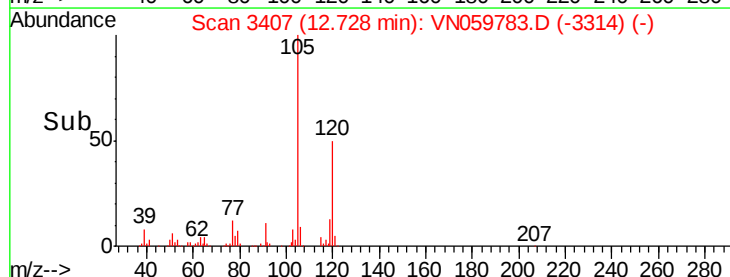
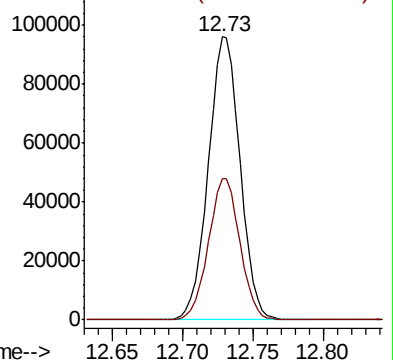
Ion Ratio Lower Upper

105 100

120 49.6 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059783.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.426 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

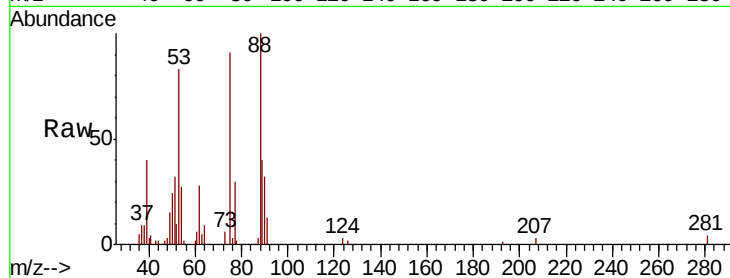
Tot Ion: 75 Resp: 19030

Ion Ratio Lower Upper

75 100

53 89.5 78.1 117.1

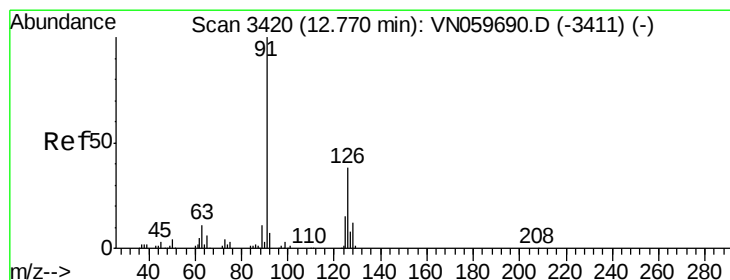
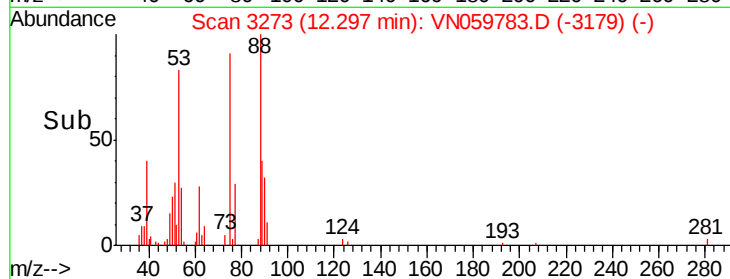
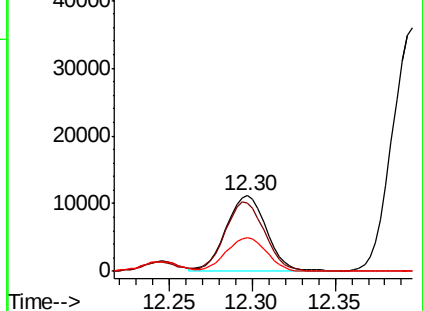
89 44.1 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VN059690.D (-3262) (-)

Ion 53.00 (52.70 to 53.70): VN059690.D (-3262) (-)

Ion 88.90 (88.60 to 89.60): VN059690.D (-3262) (-)



#82

4-Chlorotoluene

Concen: 19.842 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059783.D

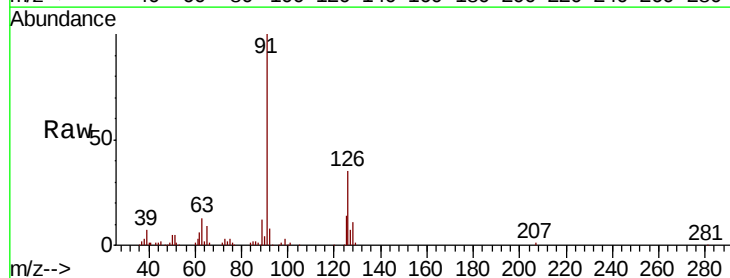
Acq: 20 Jan 2020 13:47

Tgt Ion: 91 Resp: 121824

Ion Ratio Lower Upper

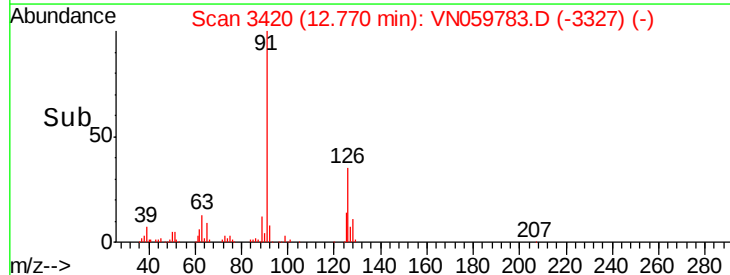
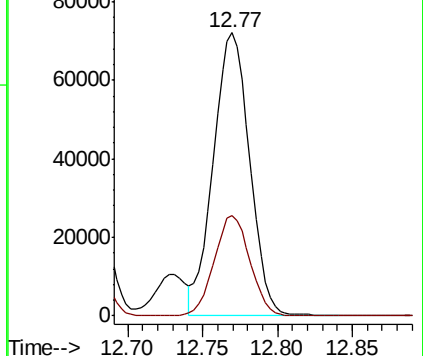
91 100

126 34.8 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN059690.D (-3411) (-)

Ion 125.90 (125.60 to 126.60): VN059690.D (-3411) (-)





#83

tert-Butylbenzene

Concen: 19.587 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

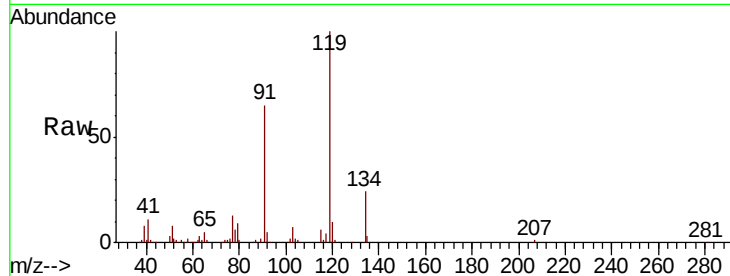
Tot Ion:119 Resp: 130608

Ion Ratio Lower Upper

119 100

91 64.4 34.8 104.4

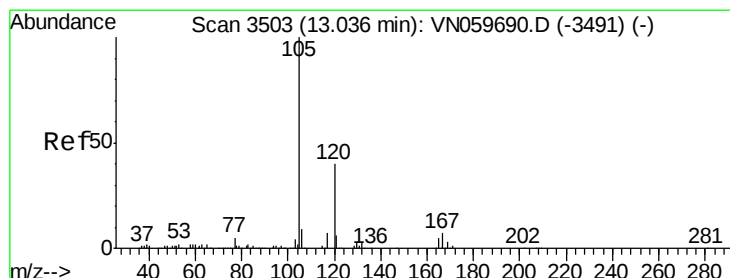
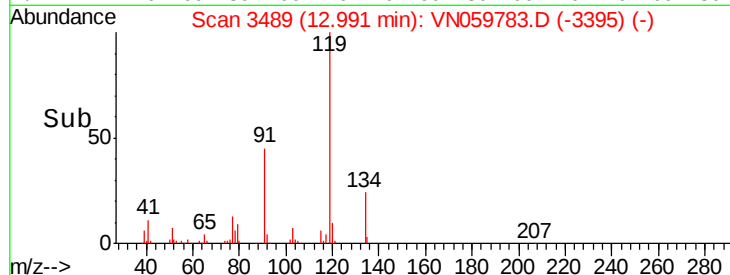
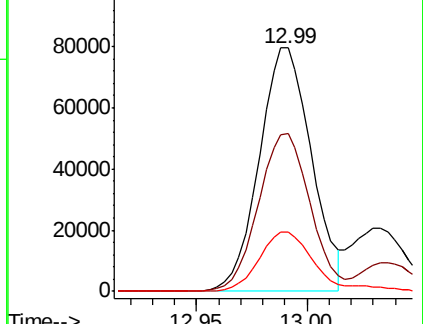
134 26.0 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.964 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN059783.D

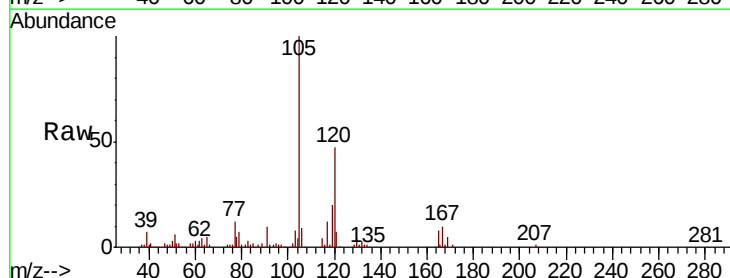
Acq: 20 Jan 2020 13:47

Tgt Ion:105 Resp: 152278

Ion Ratio Lower Upper

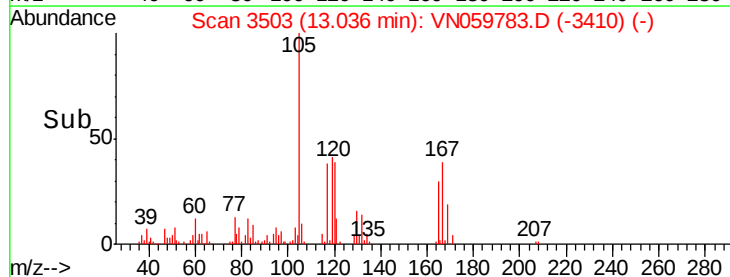
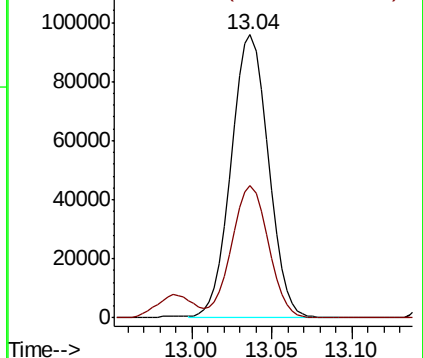
105 100

120 46.2 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.666 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Instrument :

MSVOA_N

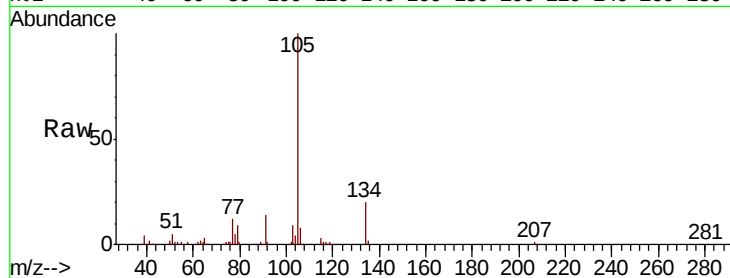
ClientSampleId :

Tot Ion:105 Resp: 172294

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

120000

100000

80000

60000

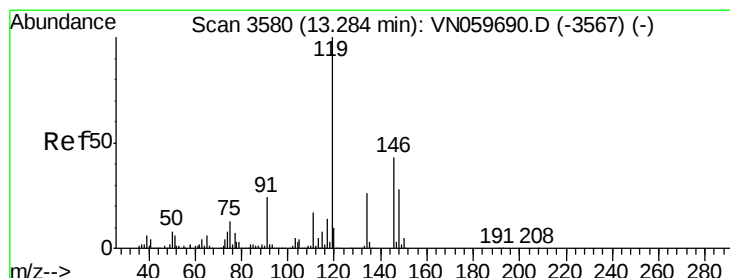
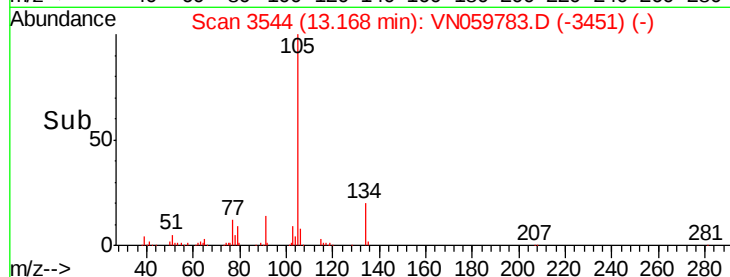
40000

20000

0

13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 19.570 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

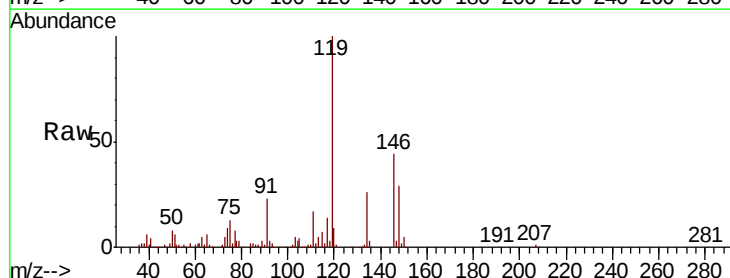
Tgt Ion:119 Resp: 158646

Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.7

91 23.3 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

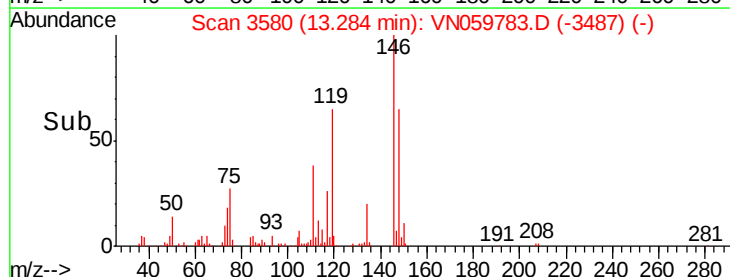
100000

50000

0

13.20 13.25 13.30 13.35

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.130 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

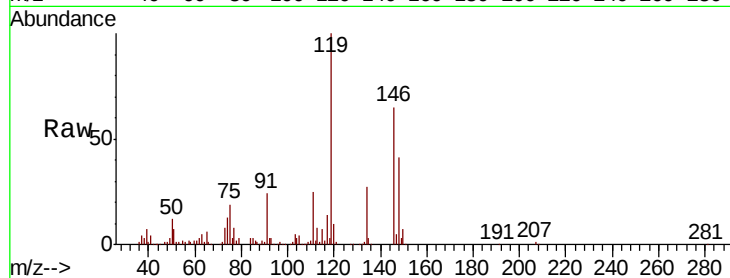
Tot Ion:146 Resp: 81181

Ion Ratio Lower Upper

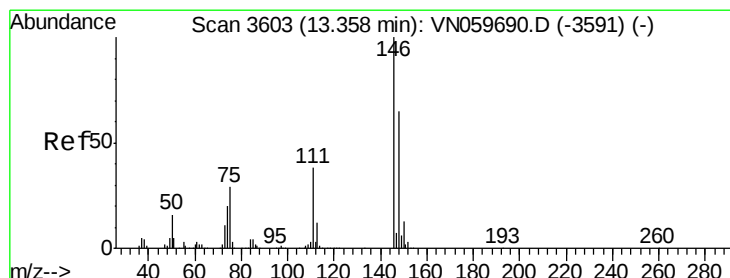
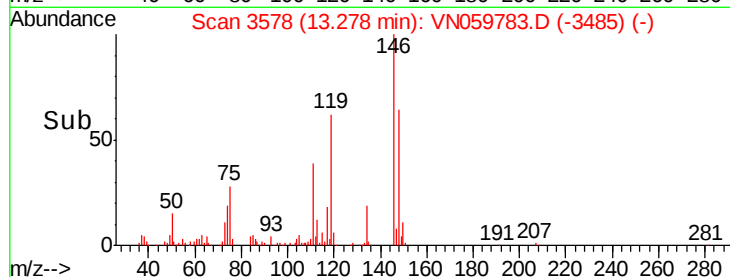
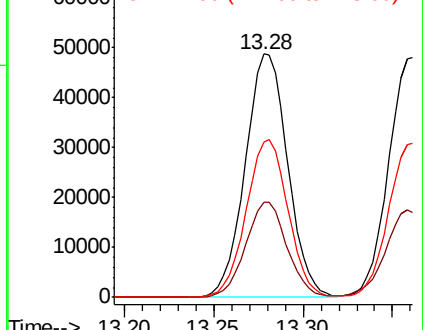
146 100

111 38.0 20.8 62.2

148 63.8 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: 20.092 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

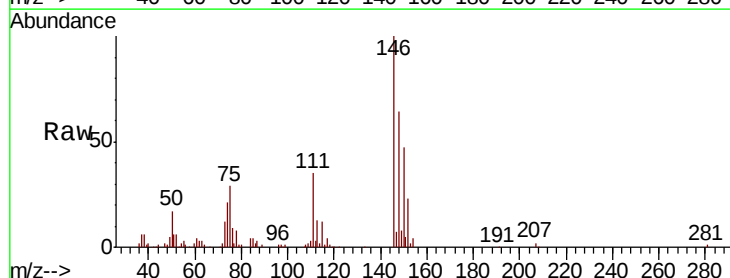
Tgt Ion:146 Resp: 80830

Ion Ratio Lower Upper

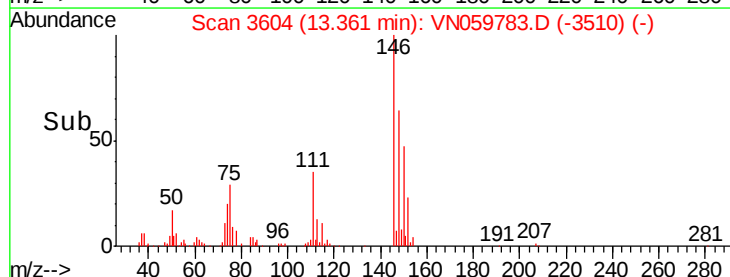
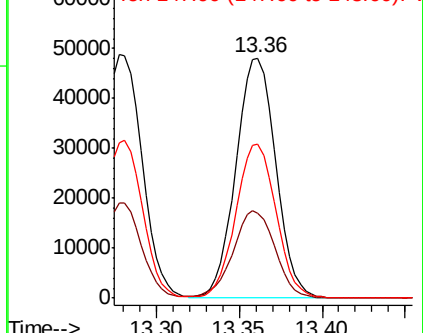
146 100

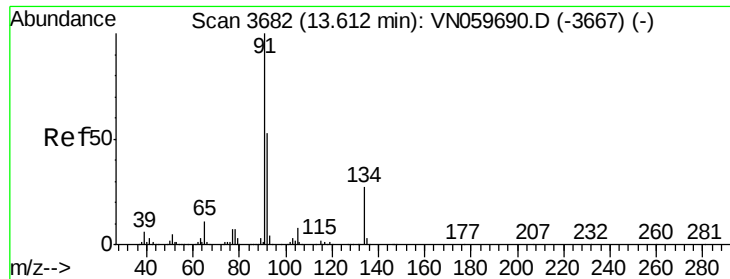
111 38.4 20.8 62.2

148 64.9 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: 19.089 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Instrument :

MSVOA_N

ClientSampled :

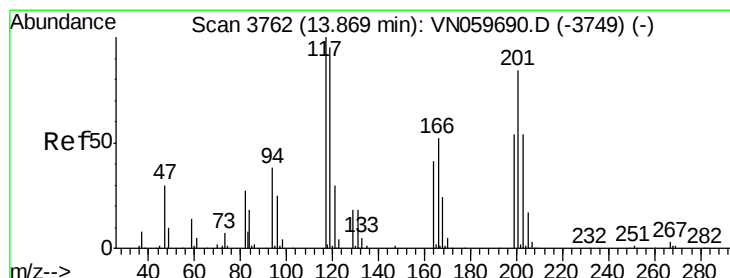
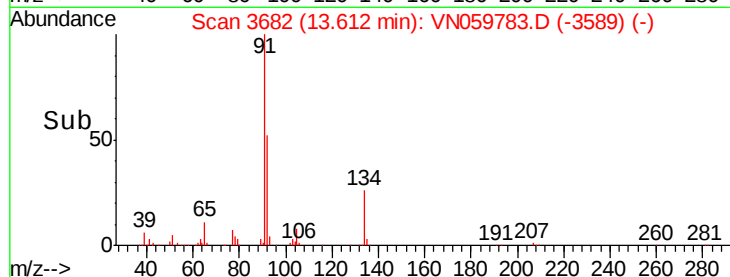
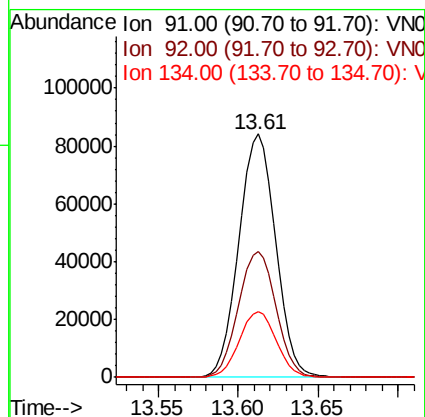
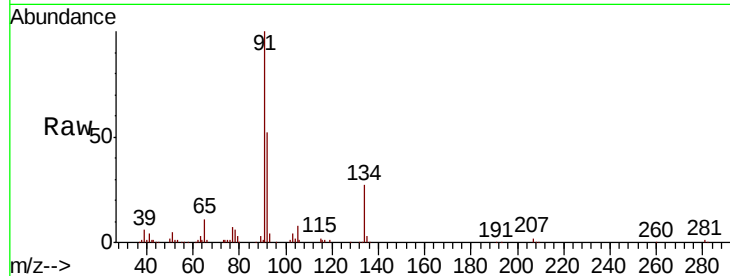
Tot Ion: 91 Resp: 131945

Ion Ratio Lower Upper

91 100

92 52.6 25.9 77.7

134 27.3 12.3 36.8



#90

Hexachloroethane

Concen: 19.470 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. 0.00 min

Lab File: VN059783.D

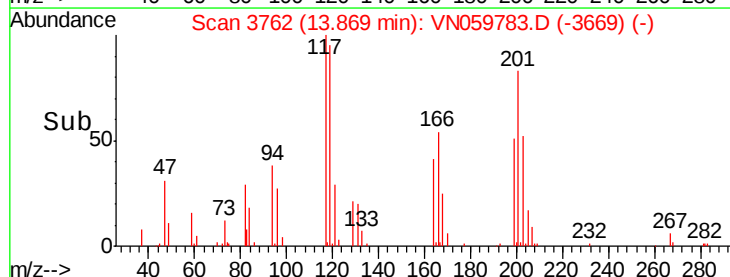
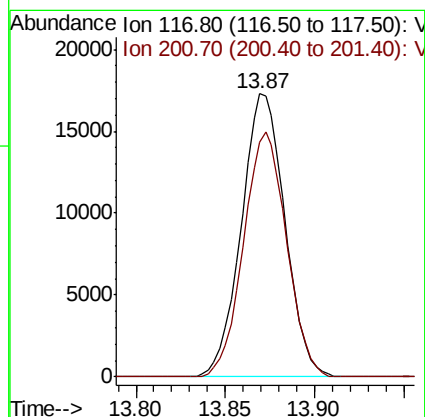
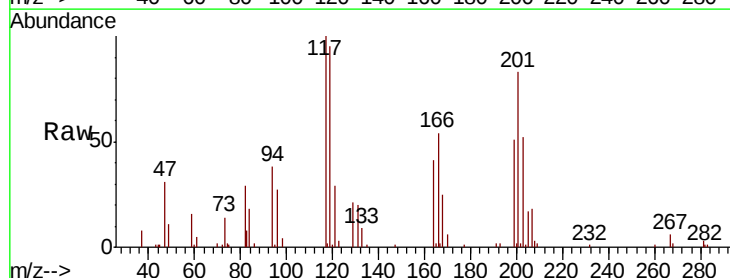
Acq: 20 Jan 2020 13:47

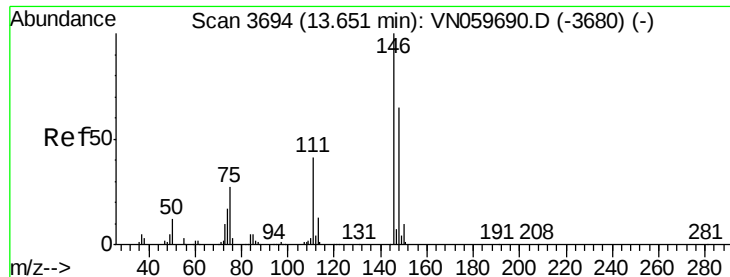
Tgt Ion: 117 Resp: 29530

Ion Ratio Lower Upper

117 100

201 85.1 37.8 113.4





#91

1,2-Dichlorobenzene

Concen: 20.420 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

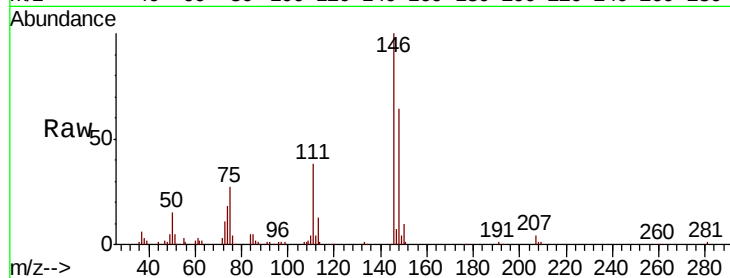
Tot Ion:146 Resp: 81409

Ion Ratio Lower Upper

146 100

111 38.9 21.6 64.8

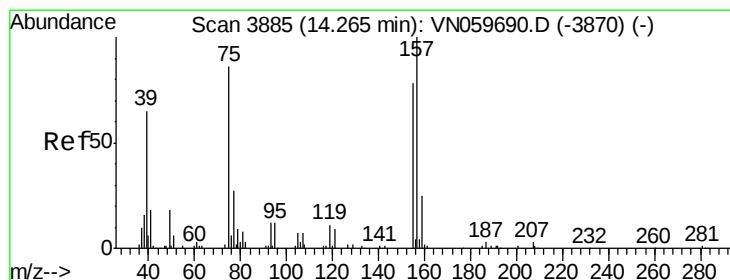
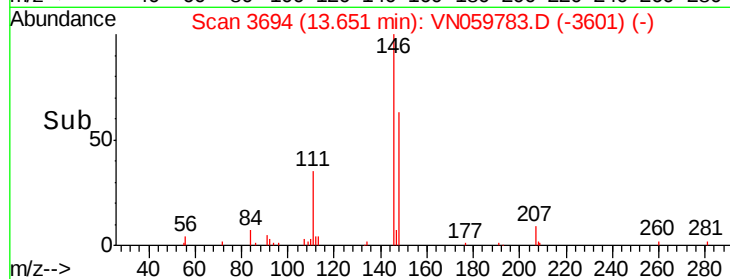
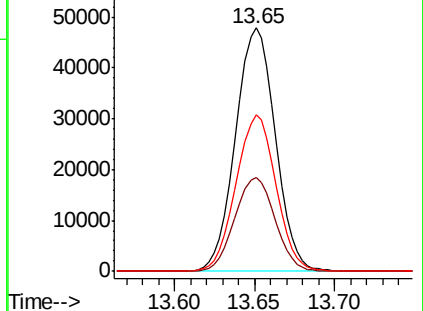
148 64.5 31.6 95.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.662 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

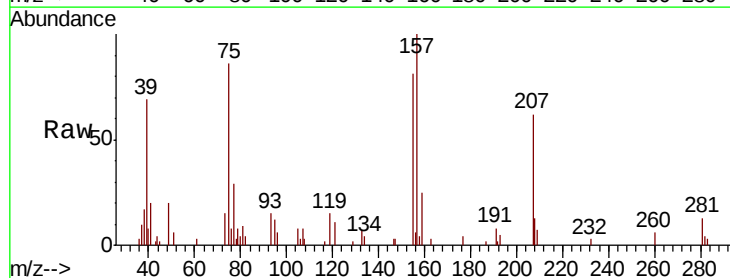
Tgt Ion: 75 Resp: 11939

Ion Ratio Lower Upper

75 100

155 85.4 37.0 110.9

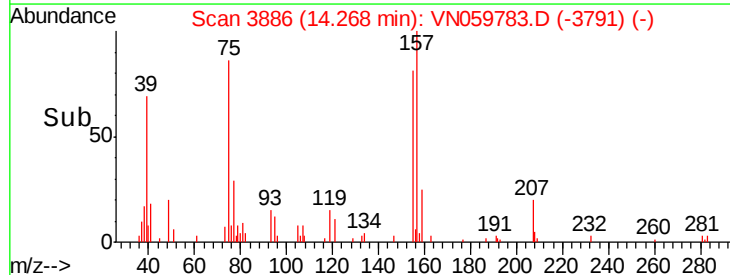
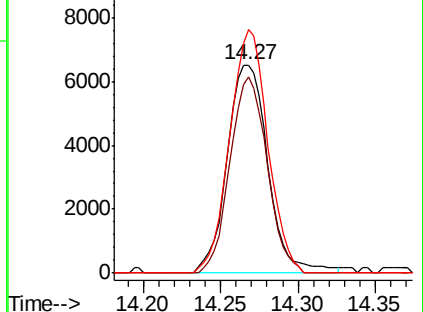
157 108.9 48.4 145.2



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

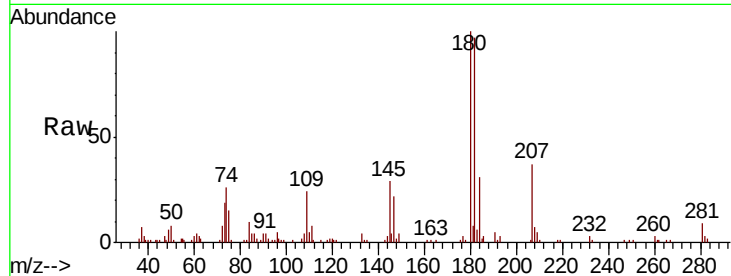




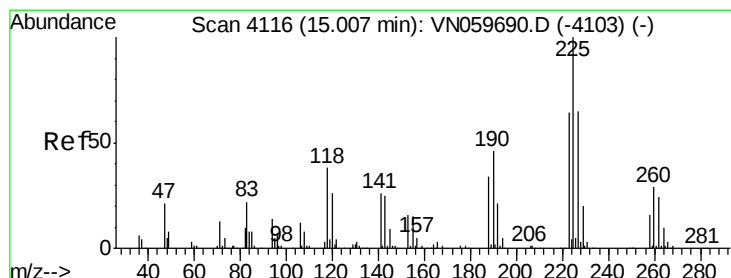
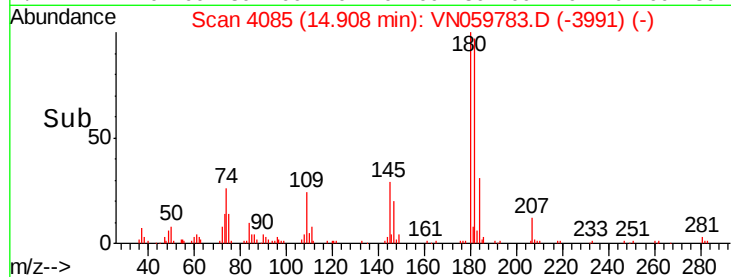
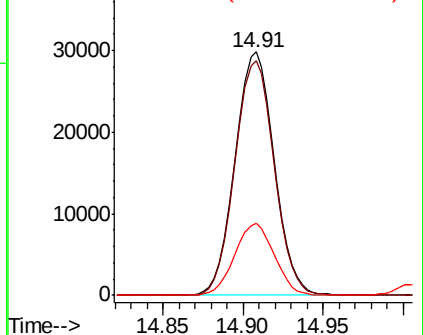
#93
 1,2,4-Trichlorobenzene
 Concen: 20.806 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059783.D
 Acq: 20 Jan 2020 13:47

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 49844
 Ion Ratio Lower Upper
 180 100
 182 96.3 46.9 140.7
 145 29.7 15.0 45.1

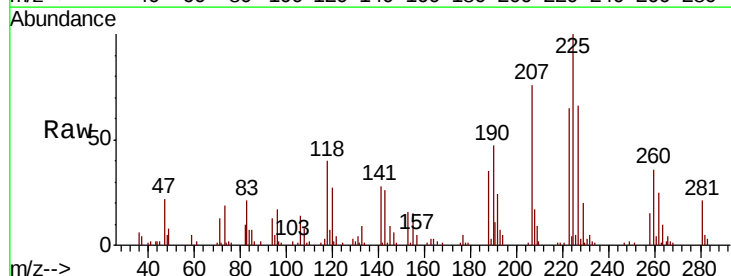


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

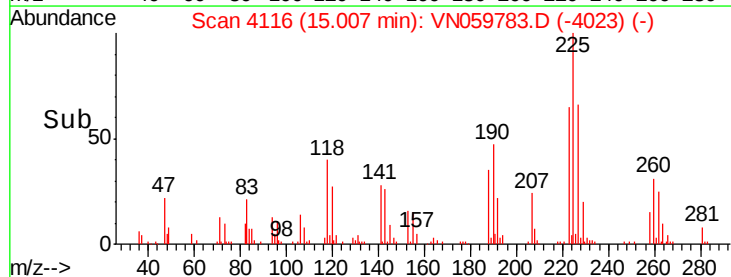
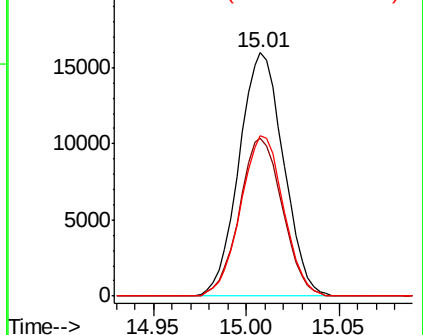


#94
 Hexachlorobutadiene
 Concen: 20.145 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059783.D
 Acq: 20 Jan 2020 13:47

Tgt Ion:225 Resp: 26594
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.8 95.3
 227 63.8 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.615 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

Instrument :

MSVOA_N

ClientSampled :

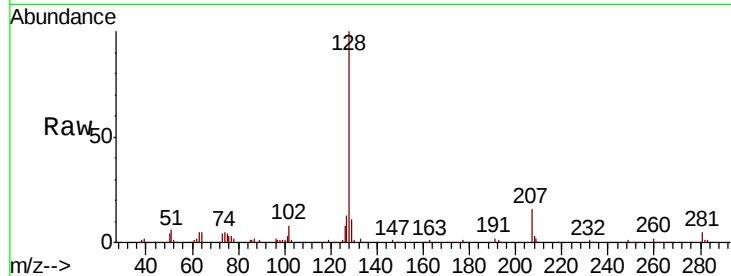
Tot Ion:128 Resp: 140473

Ion Ratio Lower Upper

128 100

127 12.5 10.4 15.6

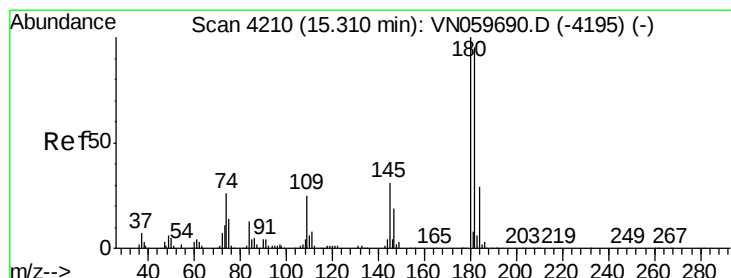
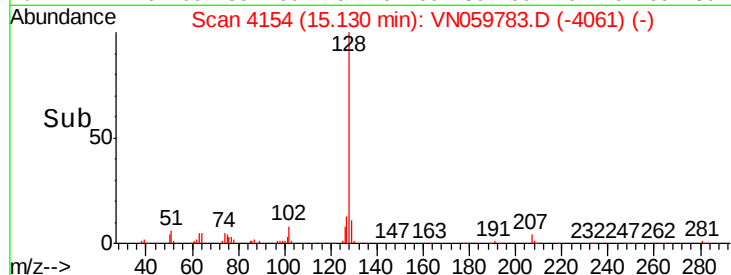
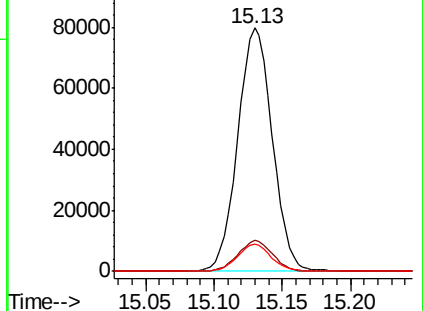
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.392 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN059783.D

Acq: 20 Jan 2020 13:47

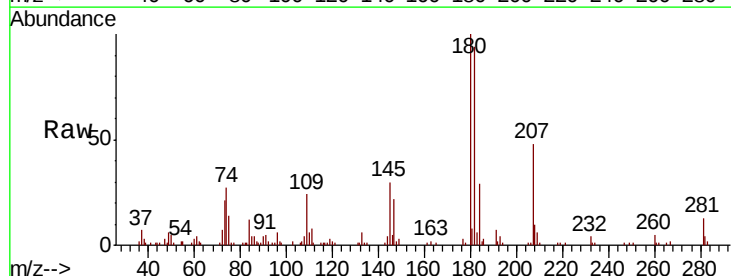
Tgt Ion:180 Resp: 49883

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.3

145 30.9 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

