

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013020\
 Data File : VN059928.D
 Acq On : 30 Jan 2020 15:00
 Operator : JC/MD
 Sample : VN0130WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 30 16:53:14 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	180905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	279278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	254931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	122643	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	102664	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
35) Dibromofluoromethane	7.57	113	85045	51.06	ug/l	0.00
Spiked Amount			Recovery	=	102.12%	
50) Toluene-d8	10.08	98	321029	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.40	95	115715	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	35998	16.528	ug/l	100
3) Chloromethane	2.04	50	35451	17.117	ug/l	97
4) Vinyl Chloride	2.17	62	45430	19.171	ug/l	95
5) Bromomethane	2.55	94	26811	18.539	ug/l	98
6) Chloroethane	2.69	64	21138	18.854	ug/l	99
7) Trichlorofluoromethane	3.00	101	53702	18.870	ug/l	99
8) Diethyl Ether	3.39	74	19342	19.366	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.74	101	31805	20.080	ug/l	94
10) Methyl Iodide	3.93	142	43809	17.111	ug/l	95
11) Tert butyl alcohol	4.73	59	32508	96.120	ug/l	96
12) 1,1-Dichloroethene	3.72	96	30048	18.155	ug/l	88
13) Acrolein	3.58	56	12726	53.156	ug/l	97
14) Allyl chloride	4.29	41	46867	21.008	ug/l #	93
15) Acrylonitrile	4.94	53	76128	98.679	ug/l	99
16) Acetone	3.78	43	76950	106.557	ug/l	96
17) Carbon Disulfide	4.03	76	75912	16.101	ug/l	100
18) Methyl Acetate	4.29	43	47016	20.035	ug/l	93
19) Methyl tert-butyl Ether	5.00	73	109798	20.347	ug/l	97
20) Methylene Chloride	4.52	84	36294	19.170	ug/l	89
21) trans-1,2-Dichloroethene	5.01	96	32030	18.206	ug/l	88
22) Diisopropyl ether	5.92	45	99853	19.751	ug/l #	94
23) Vinyl Acetate	5.86	43	378199	96.622	ug/l	96
24) 1,1-Dichloroethane	5.81	63	59738	19.339	ug/l	98
25) 2-Butanone	6.80	43	103914	91.338	ug/l	92
26) 2,2-Dichloropropane	6.79	77	57433	19.339	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	38997	19.272	ug/l	91
28) Bromochloromethane	7.17	49	23869	19.333	ug/l #	74
29) Tetrahydrofuran	7.18	42	66021	93.792	ug/l #	88
30) Chloroform	7.35	83	64211	20.062	ug/l	97
31) Cyclohexane	7.63	56	51857	17.446	ug/l #	86
32) 1,1,1-Trichloroethane	7.55	97	57210	19.332	ug/l	97
36) 1,1-Dichloropropene	7.77	75	45424	18.677	ug/l	95
37) Ethyl Acetate	6.90	43	42474	18.620	ug/l	96
38) Carbon Tetrachloride	7.75	117	50658	19.148	ug/l	96

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 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	9.07	83	53655	17.892	ug/l	93
40) Benzene	8.02	78	137421	18.946	ug/l	100
41) Methacrylonitrile	7.18	41	60956	54.253	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	50534	20.549	ug/l	96
43) Isopropyl Acetate	8.14	43	73196	18.656	ug/l	94
44) Trichloroethene	8.82	130	39436	19.916	ug/l	94
45) 1,2-Dichloropropane	9.10	63	35878	19.990	ug/l	98
46) Dibromomethane	9.19	93	24488	19.342	ug/l #	88
47) Bromodichloromethane	9.39	83	50838	19.926	ug/l	98
48) Methyl methacrylate	9.18	41	31591	18.001	ug/l	91
49) 1,4-Dioxane	9.18	88	12404	386.089	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	214795	94.704	ug/l	96
52) Toluene	10.14	92	89296	19.491	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	57016	20.014	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	61403	20.485	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	36464	20.095	ug/l	96
56) Ethyl methacrylate	10.42	69	51201	18.467	ug/l	93
57) 1,3-Dichloropropane	10.70	76	59182	20.544	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	88255	105.679	ug/l	92
59) 2-Hexanone	10.74	43	156361	93.580	ug/l	95
60) Dibromochloromethane	10.89	129	41912	20.283	ug/l	99
61) 1,2-Dibromoethane	11.00	107	36856	19.379	ug/l	99
64) Tetrachloroethene	10.62	164	40310	19.401	ug/l	96
65) Chlorobenzene	11.43	112	99496	19.856	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	38755	20.017	ug/l	98
67) Ethyl Benzene	11.51	91	172330	18.945	ug/l	97
68) m/p-Xylenes	11.62	106	130748	38.053	ug/l	95
69) o-Xylene	11.94	106	64385	19.140	ug/l	95
70) Styrene	11.96	104	103045	18.306	ug/l	97
71) Bromoform	12.12	173	30363	19.578	ug/l #	99
73) Isopropylbenzene	12.24	105	171932	19.115	ug/l	99
74) N-amyl acetate	12.07	43	61231	17.544	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	50471	19.356	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	66746	32.339	ug/l #	100
77) Bromobenzene	12.52	156	43763	19.213	ug/l	84
78) n-propylbenzene	12.59	91	191964	19.015	ug/l	96
79) 2-Chlorotoluene	12.67	91	113707	18.933	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	142933	18.895	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	18224	18.962	ug/l	95
82) 4-Chlorotoluene	12.77	91	116094	19.272	ug/l	96
83) tert-Butylbenzene	12.99	119	125419	19.170	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	143484	19.173	ug/l	99
85) sec-Butylbenzene	13.17	105	162735	18.932	ug/l	99
86) p-Isopropyltoluene	13.28	119	149923	18.850	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	77156	19.501	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	76603	19.407	ug/l	98
89) n-Butylbenzene	13.61	91	128091	18.889	ug/l	98
90) Hexachloroethane	13.87	117	27185	18.268	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	76781	19.629	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10577	17.543	ug/l	83

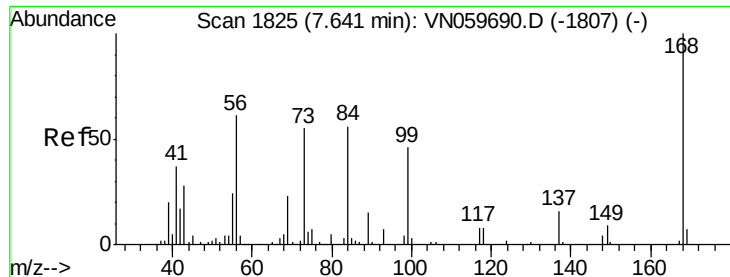
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013020\
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Acq On : 30 Jan 2020 15:00
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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	45699	19.443	ug/l	98
94) Hexachlorobutadiene	15.01	225	24740	19.101	ug/l	99
95) Naphthalene	15.13	128	123037	18.404	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	44451	19.430	ug/l	98

(#) = 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: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

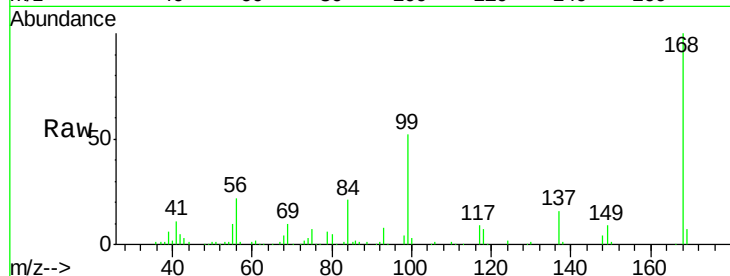
ClientSampled :

Tot Ion:168 Resp: 180905

Ion Ratio Lower Upper

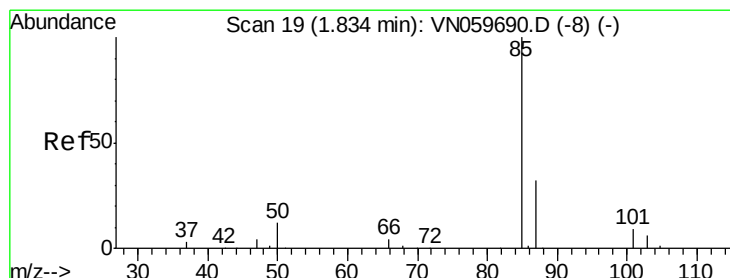
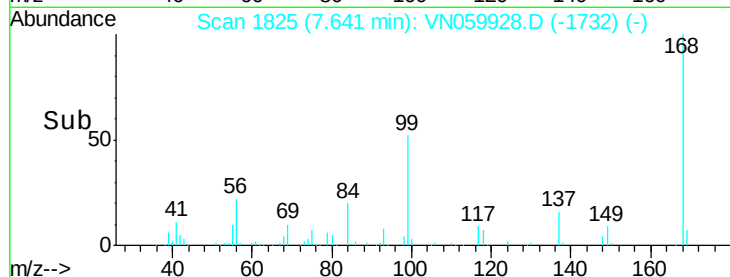
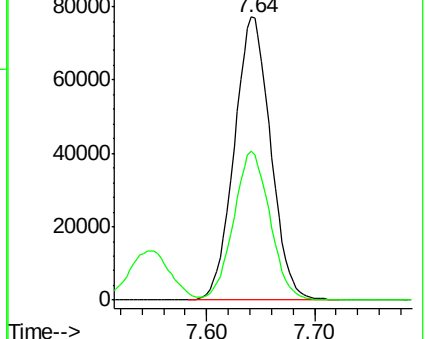
168 100

99 52.3 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: 16.528 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059928.D

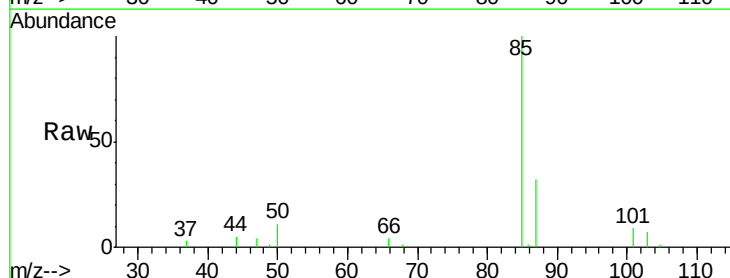
Acq: 30 Jan 2020 15:00

Tgt Ion: 85 Resp: 35998

Ion Ratio Lower Upper

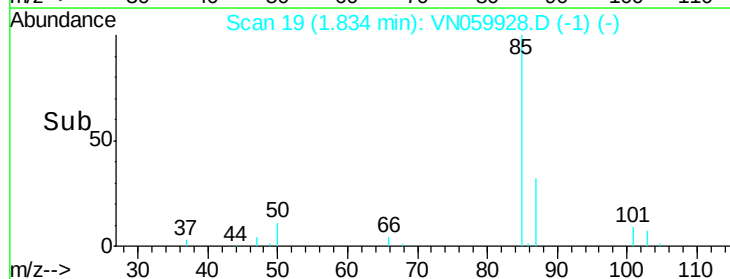
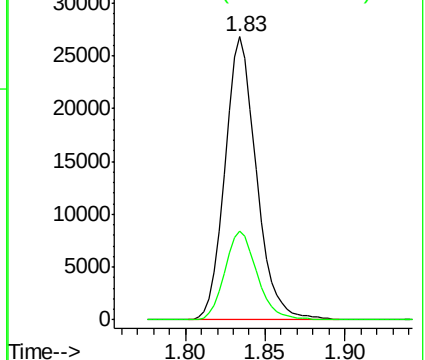
85 100

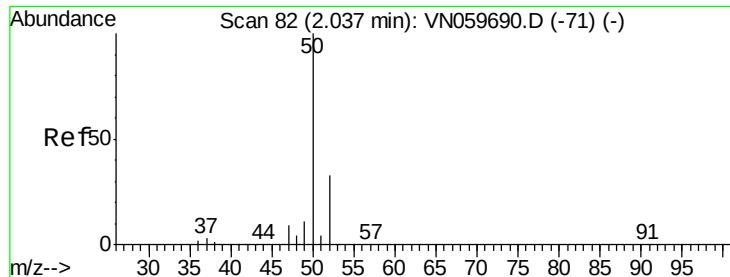
87 31.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.117 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

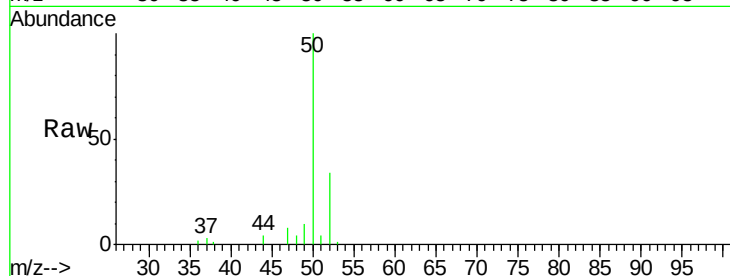
ClientSampled :

Tot Ion: 50 Resp: 35451

Ion Ratio Lower Upper

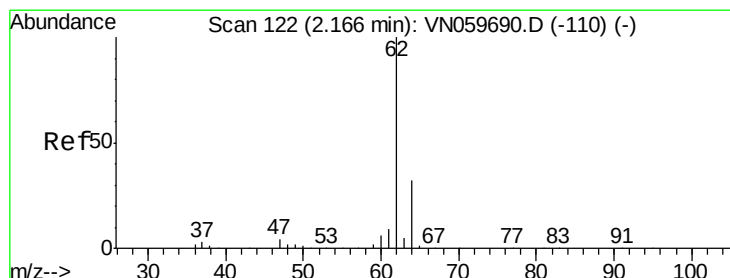
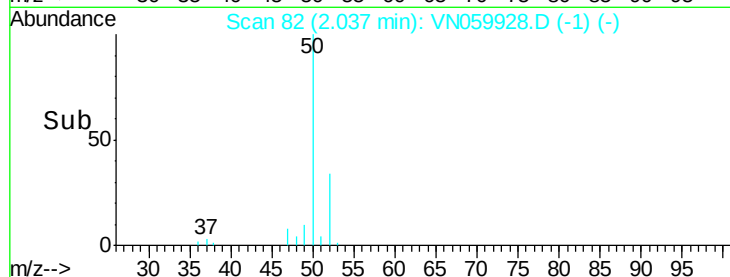
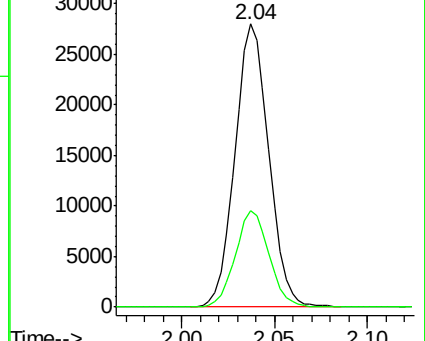
50 100

52 33.9 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: 19.171 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059928.D

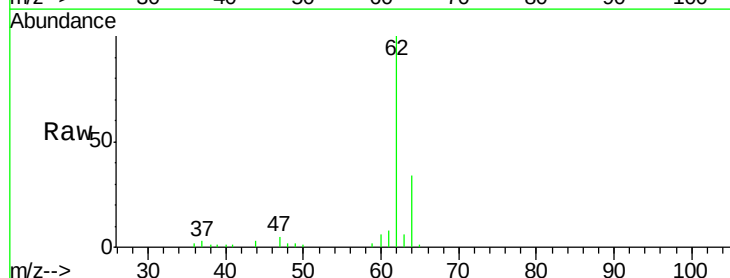
Acq: 30 Jan 2020 15:00

Tgt Ion: 62 Resp: 45430

Ion Ratio Lower Upper

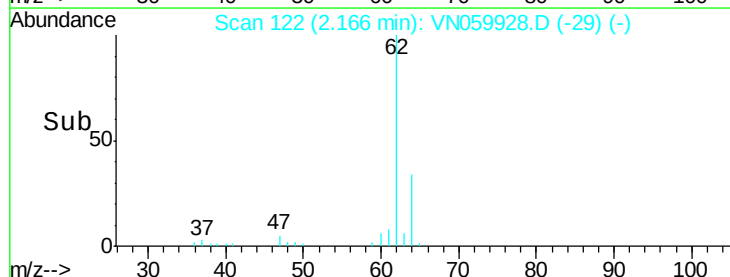
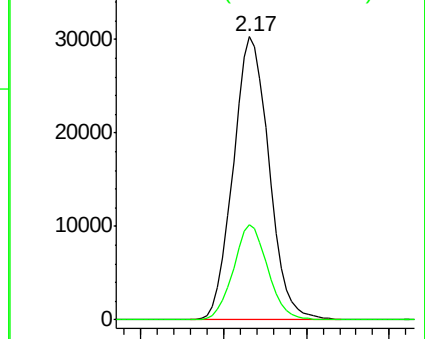
62 100

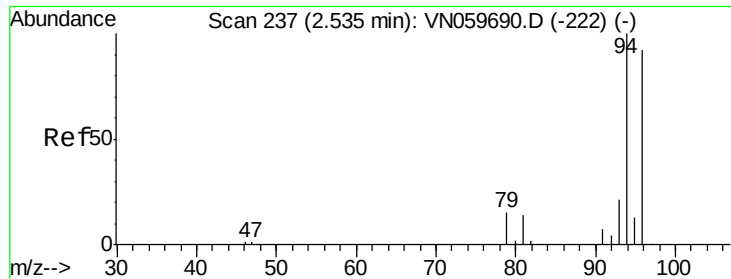
64 33.6 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

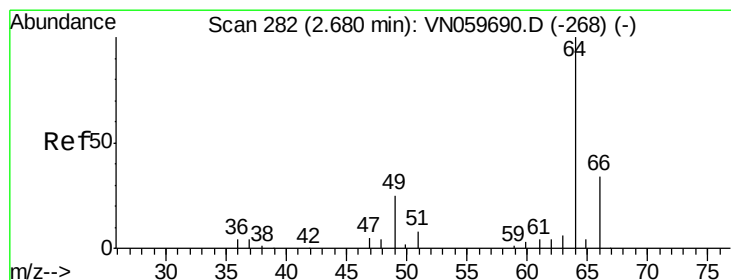
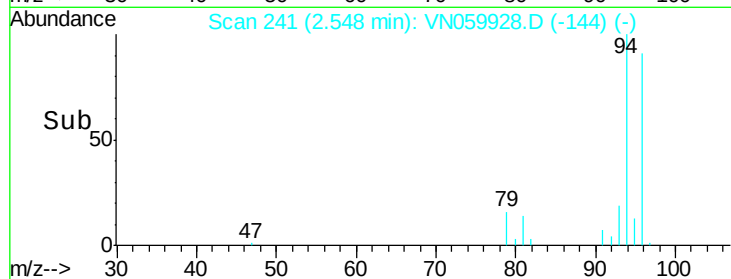
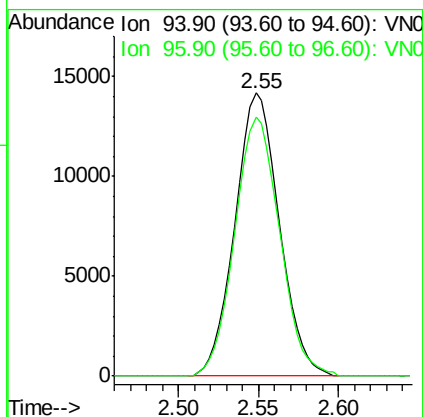
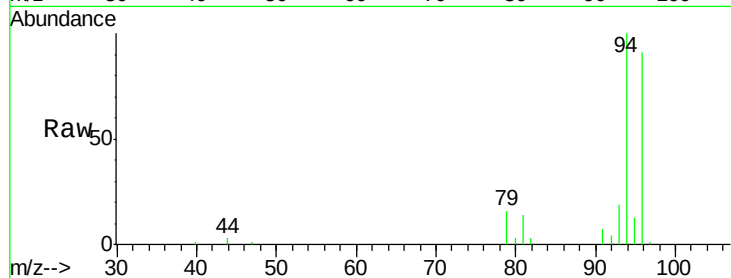




#5
Bromomethane
Concen: 18.539 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

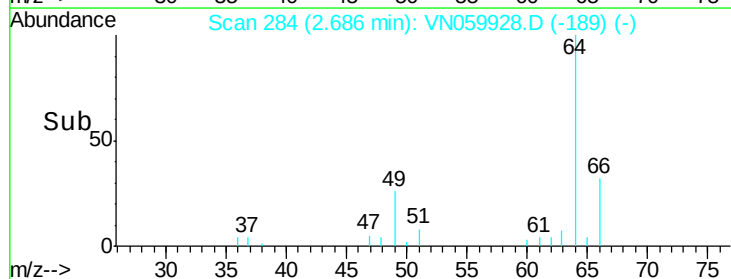
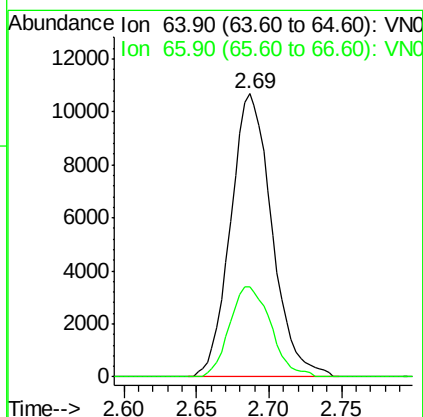
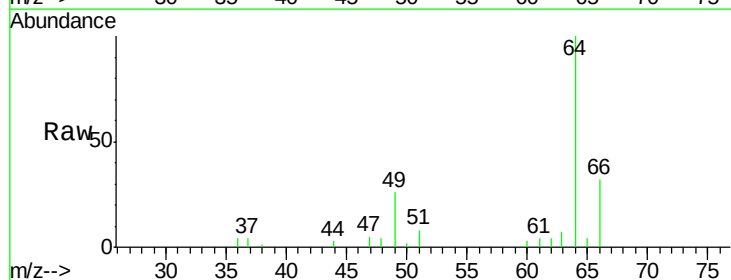
Instrument :
MSVOA_N
ClientSampleId :

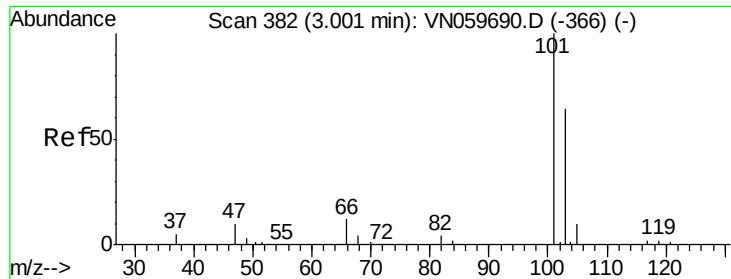
Tot Ion: 94 Resp: 26811
Ion Ratio Lower Upper
94 100
96 91.3 74.7 112.1



#6
Chloroethane
Concen: 18.854 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.01 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion: 64 Resp: 21138
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7



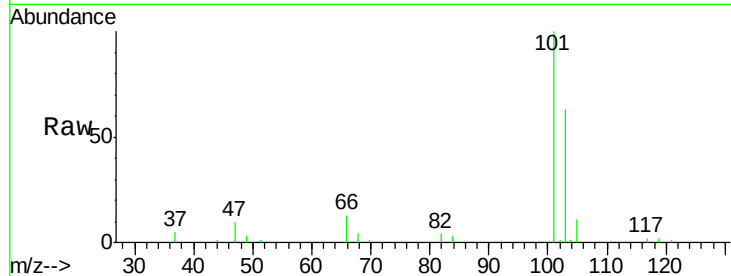


#7

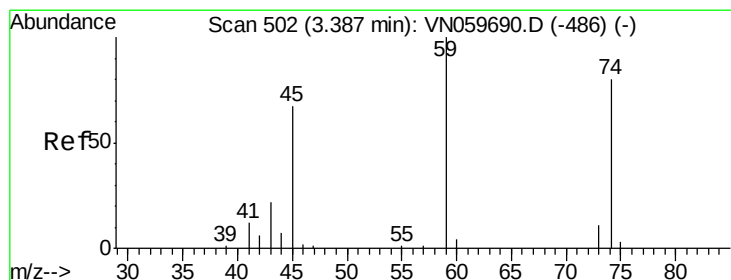
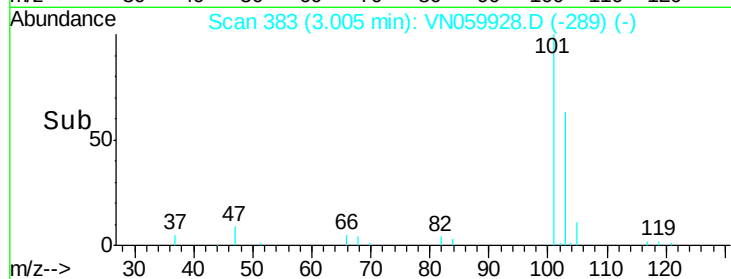
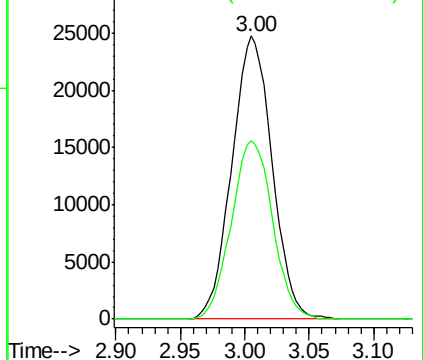
Trichlorofluoromethane
 Concen: 18.870 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:101 Resp: 53702
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.0 76.6



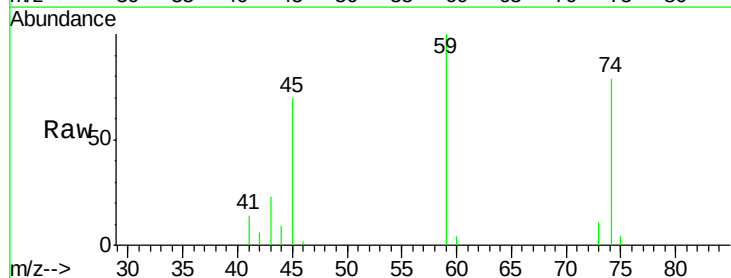
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



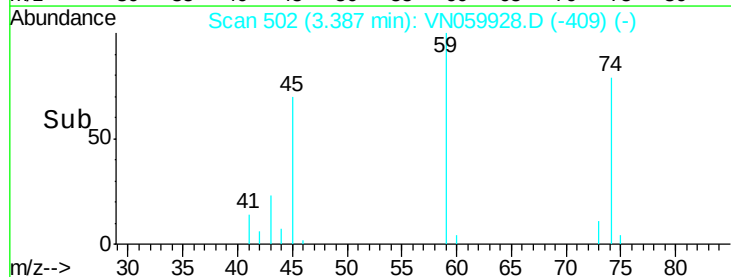
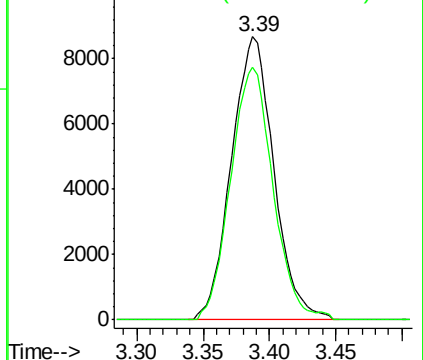
#8

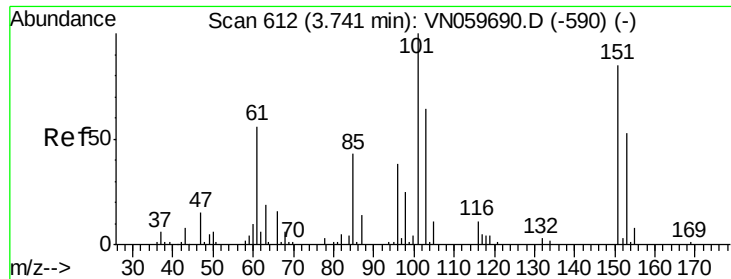
Diethyl Ether
 Concen: 19.366 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Tgt Ion: 74 Resp: 19342
 Ion Ratio Lower Upper
 74 100
 45 89.2 51.9 155.8



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.080 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

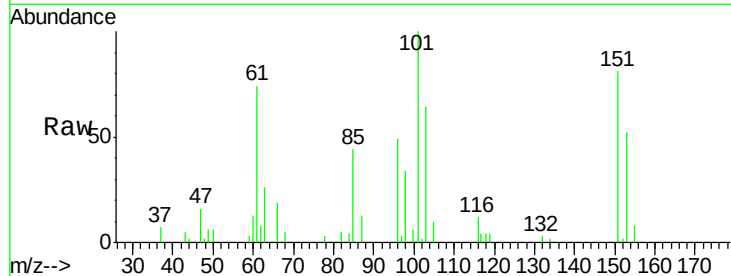
Tot Ion:101 Resp: 31805

Ion Ratio Lower Upper

101 100

85 44.8 36.6 54.8

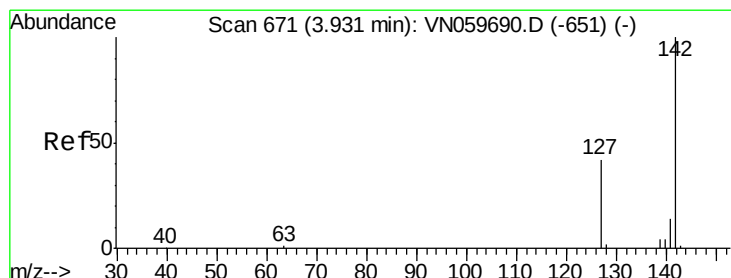
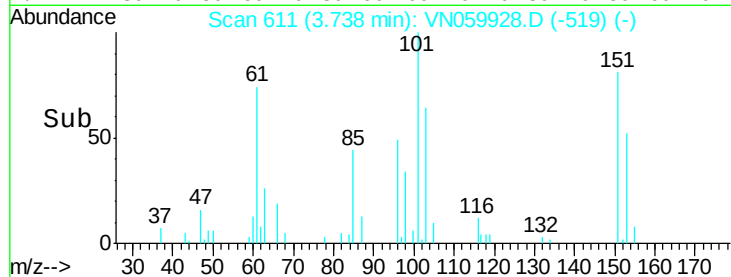
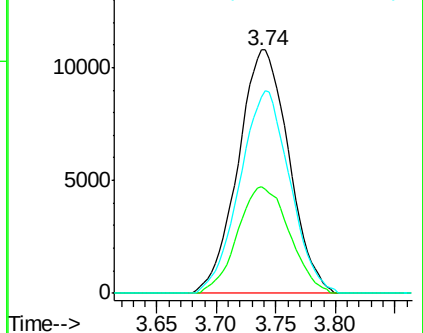
151 82.2 59.7 89.5



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: 17.111 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

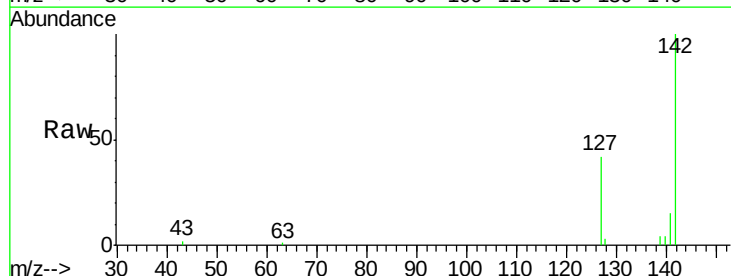
Tgt Ion:142 Resp: 43809

Ion Ratio Lower Upper

142 100

127 42.2 36.7 55.1

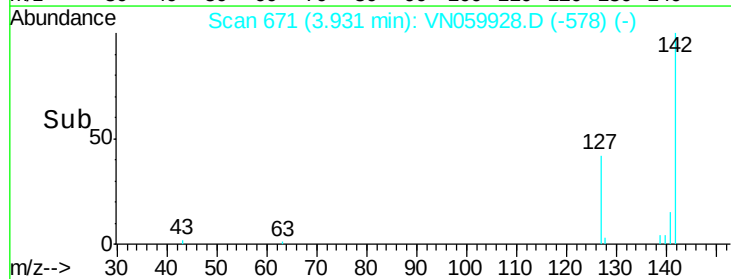
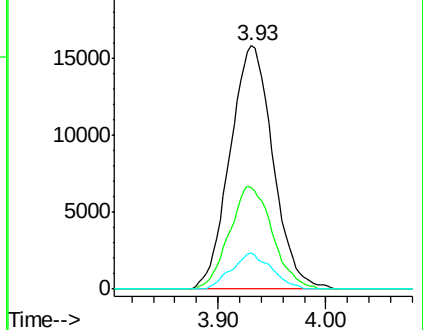
141 13.8 11.7 17.5

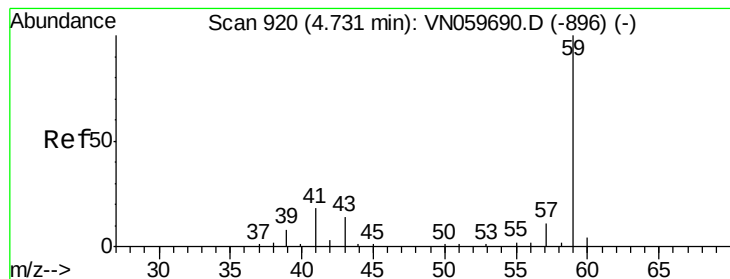


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 96.120 ug/l

RT: 4.73 min Scan# 919

Delta R.T. -0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

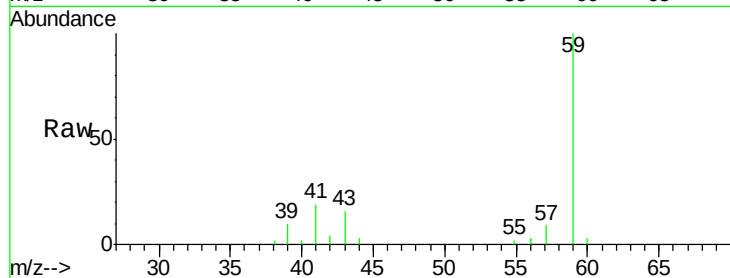
ClientSampled :

Tot Ion: 59 Resp: 32508

Ion Ratio Lower Upper

59 100

57 9.3 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.73

10000

8000

6000

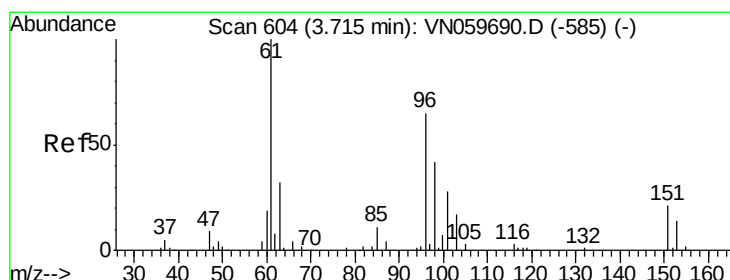
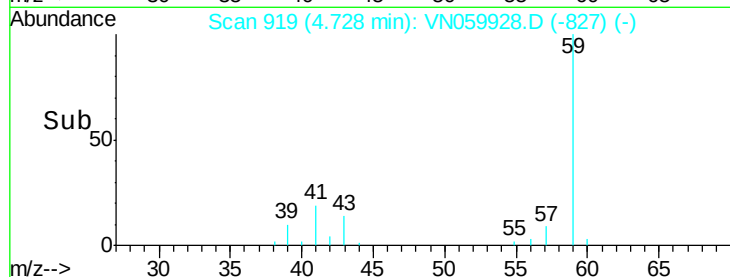
4000

2000

0

Time-->

4.60 4.70 4.80



#12

1,1-Dichloroethene

Concen: 18.155 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

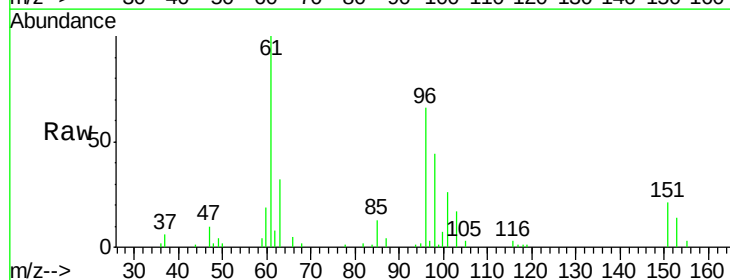
Tgt Ion: 96 Resp: 30048

Ion Ratio Lower Upper

96 100

61 152.2 137.5 206.3

98 67.1 50.2 75.4



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

25000

20000

15000

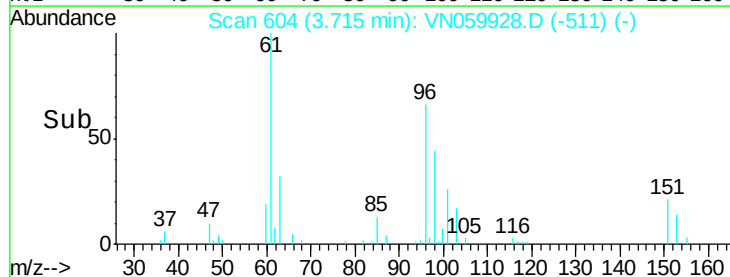
10000

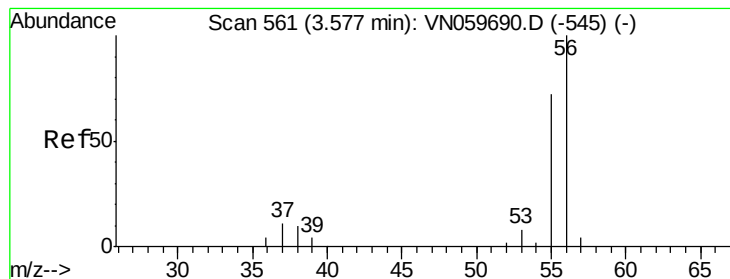
5000

0

Time-->

3.65 3.70 3.75 3.80





#13

Acrolein

Concen: 53.156 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.01 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

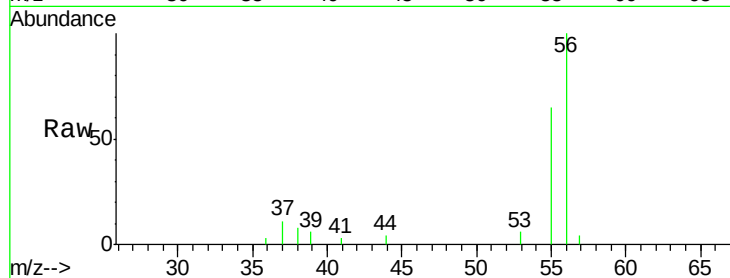
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 12726

Ion Ratio Lower Upper

56 100

55 70.8 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN059928.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN059928.D (-545) (-)

3.58

6000

5000

4000

3000

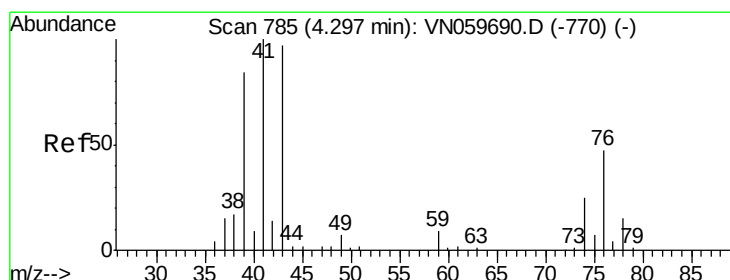
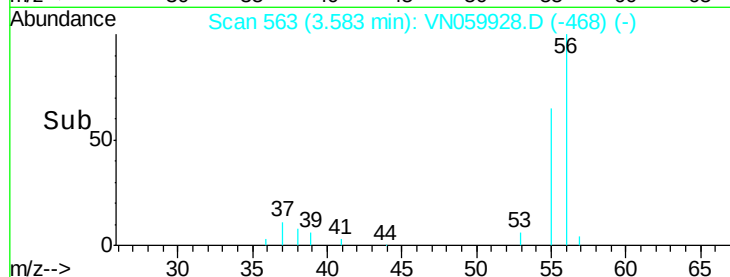
2000

1000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 21.008 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

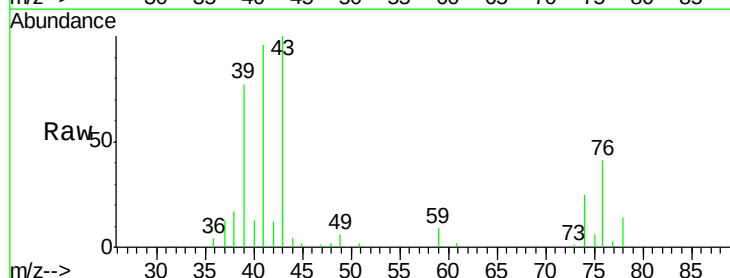
Tgt Ion: 41 Resp: 46867

Ion Ratio Lower Upper

41 100

39 76.0 57.8 86.8

76 39.3 25.4 38.0#



Abundance Ion 41.00 (40.70 to 41.70): VN059928.D (-692) (-)

Ion 39.00 (38.70 to 39.70): VN059928.D (-692) (-)

Ion 75.90 (75.60 to 76.60): VN059928.D (-692) (-)

4.29

20000

15000

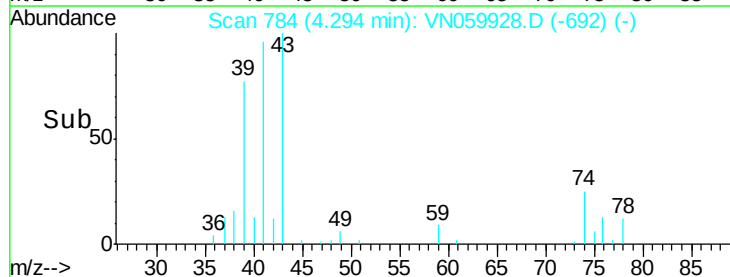
10000

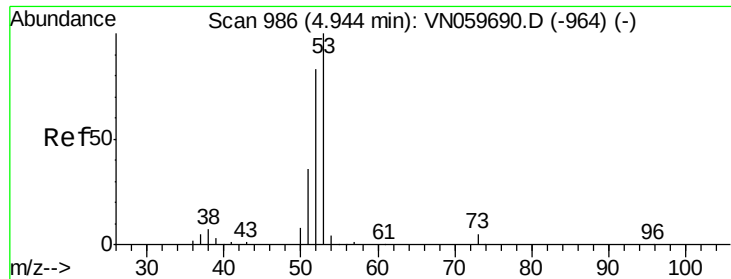
5000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 98.679 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

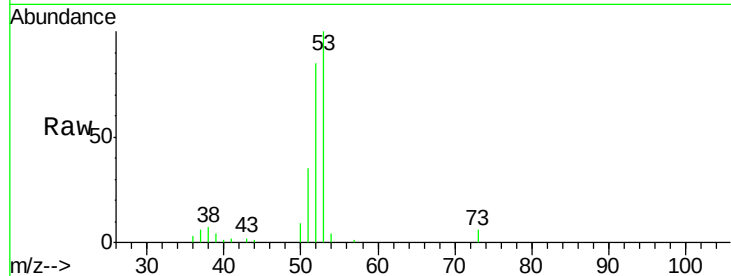
Tot Ion: 53 Resp: 76128

Ion Ratio Lower Upper

53 100

52 82.3 66.3 99.5

51 36.4 29.7 44.5



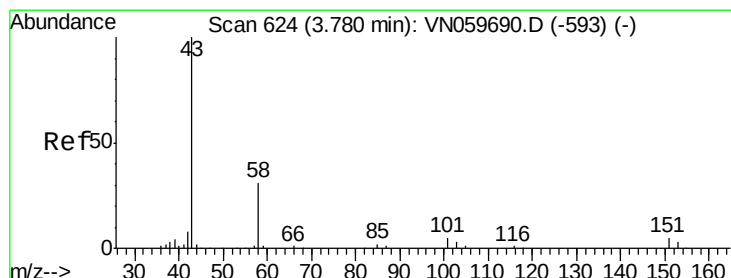
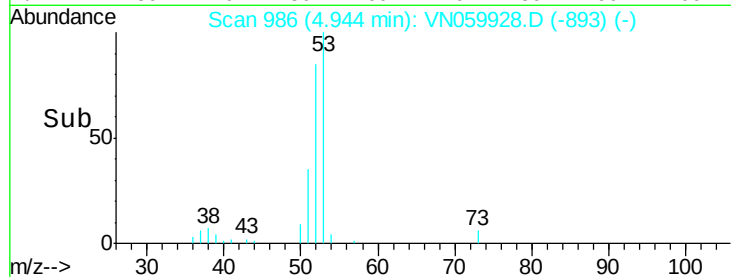
Abundance Ion 53.00 (52.70 to 53.70): VN059928.D (-893) (-)

Ion 52.00 (51.70 to 52.70): VN059928.D (-893) (-)

Ion 51.00 (50.70 to 51.70): VN059928.D (-893) (-)

4.94

Time-->



#16

Acetone

Concen: 106.557 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN059928.D

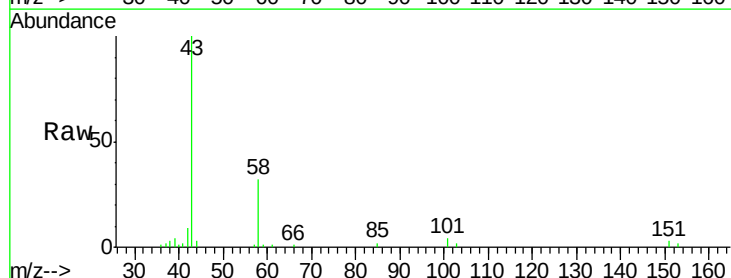
Acq: 30 Jan 2020 15:00

Tgt Ion: 43 Resp: 76950

Ion Ratio Lower Upper

43 100

58 31.8 23.6 35.4

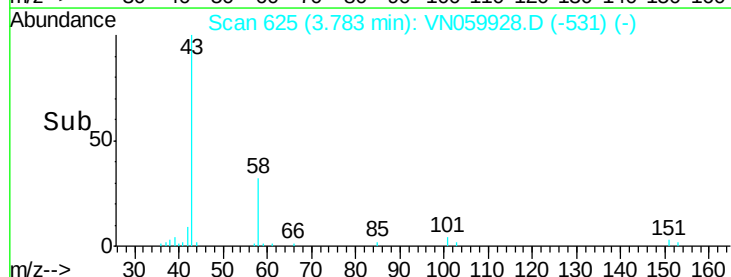


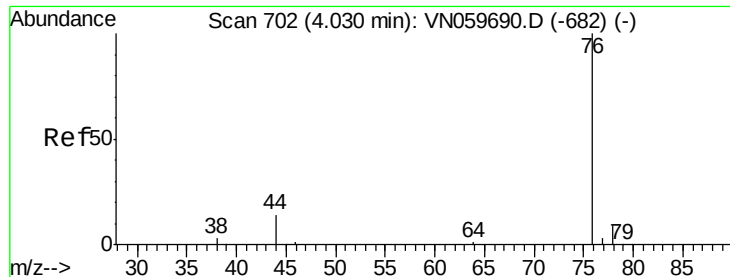
Abundance Ion 43.00 (42.70 to 43.70): VN059928.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN059928.D (-531) (-)

3.78

Time-->

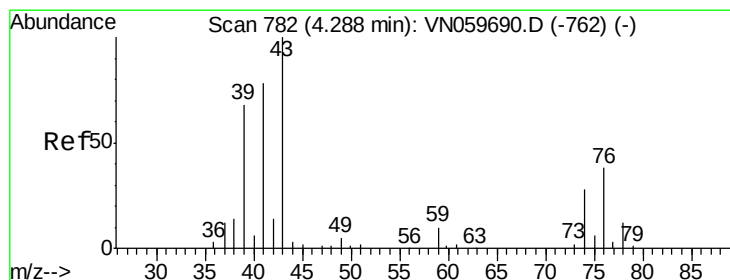
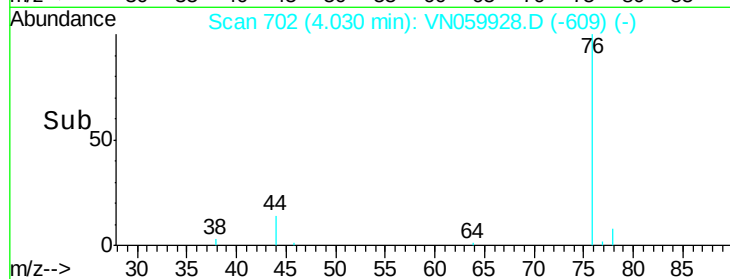
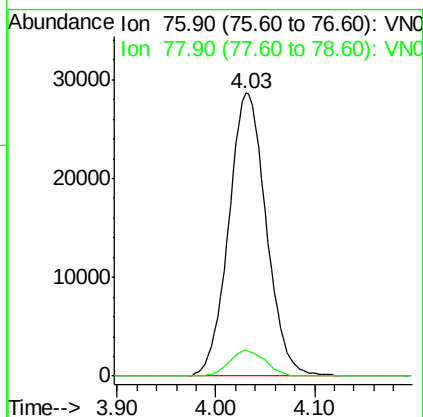
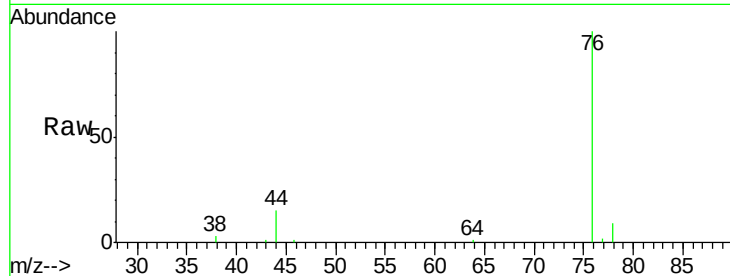




#17
Carbon Disulfide
Concen: 16.101 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

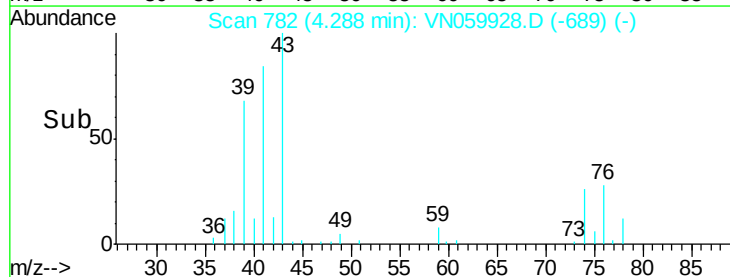
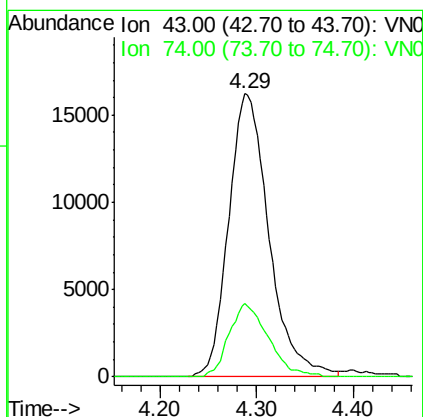
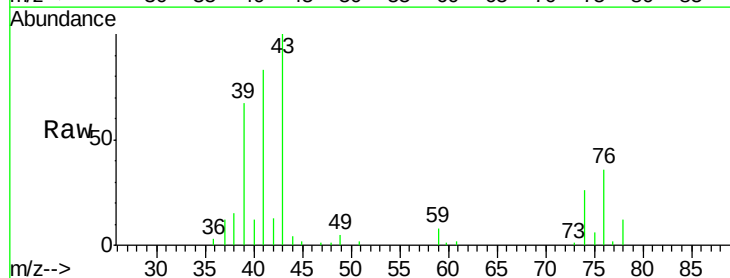
Instrument :
MSVOA_N
ClientSampleId :

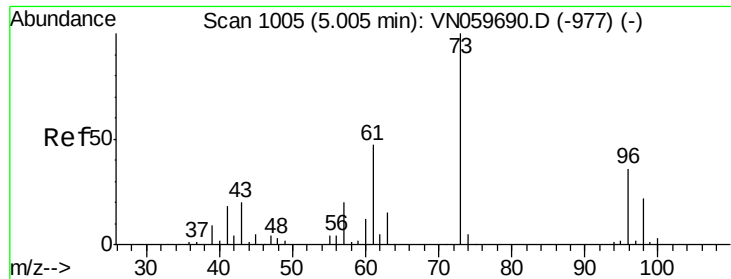
Tot Ion: 76 Resp: 75912
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 20.035 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion: 43 Resp: 47016
Ion Ratio Lower Upper
43 100
74 25.3 17.5 26.3

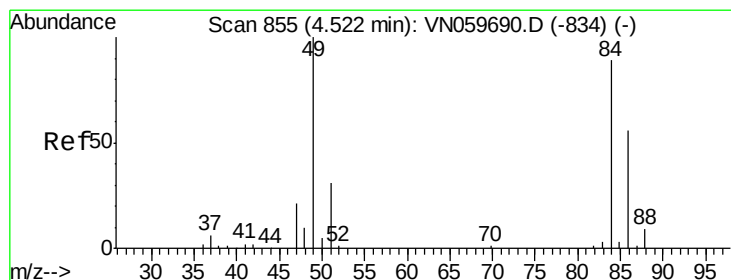
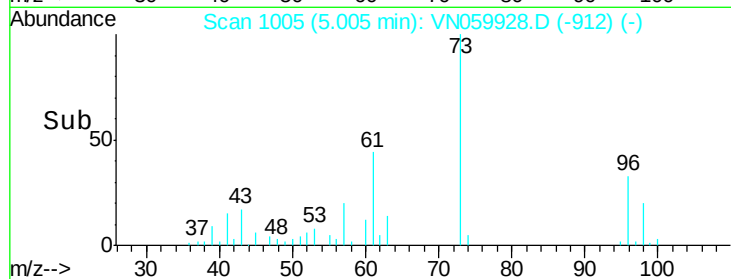
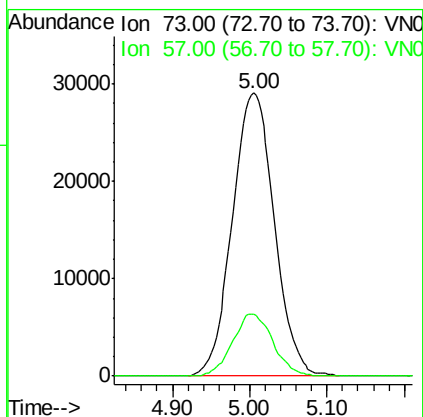
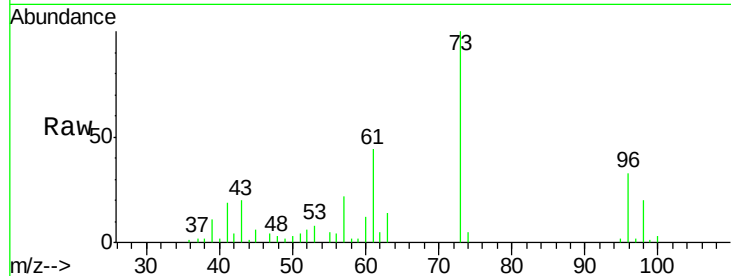




#19
Methvl tert-butyl Ether
Concen: 20.347 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

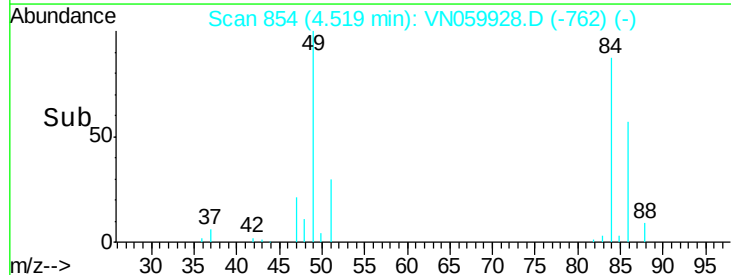
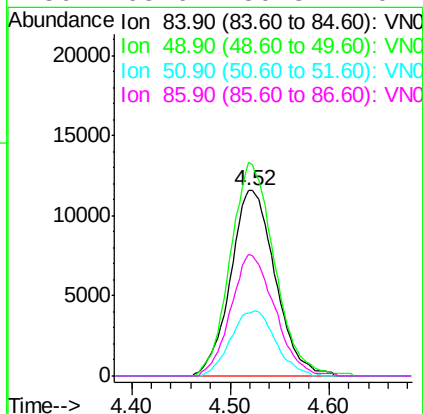
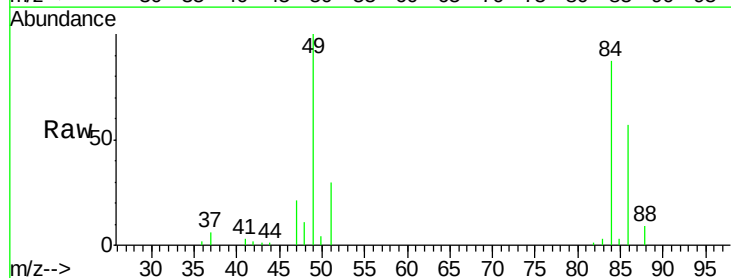
Instrument :
MSVOA_N
ClientSampled :

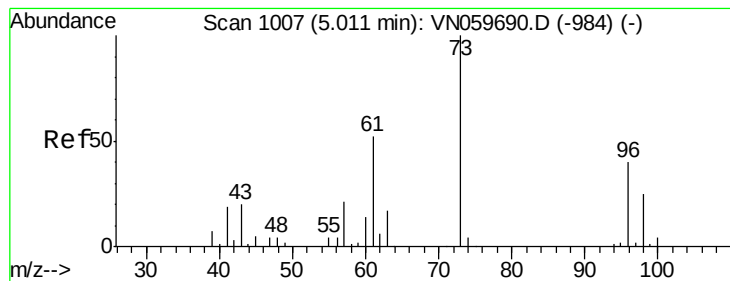
Tot Ion: 73 Resp: 109798
Ion Ratio Lower Upper
73 100
57 21.9 18.6 27.8



#20
Methylene Chloride
Concen: 19.170 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion: 84 Resp: 36294
Ion Ratio Lower Upper
84 100
49 115.3 106.6 160.0
51 34.2 31.9 47.9
86 65.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 18.206 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampleId :

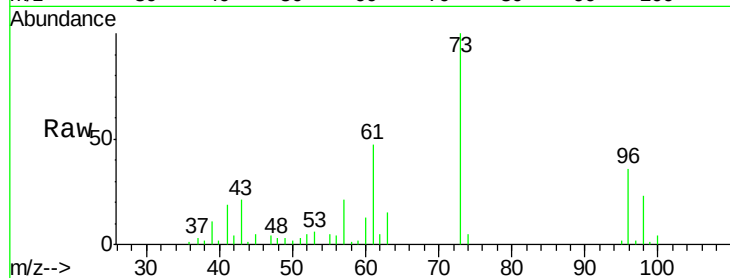
Tot Ion: 96 Resp: 32030

Ion	Ratio	Lower	Upper
96	100		
61	129.3	120.4	180.6
98	64.9	50.6	75.8

96 100

61 129.3 120.4 180.6

98 64.9 50.6 75.8

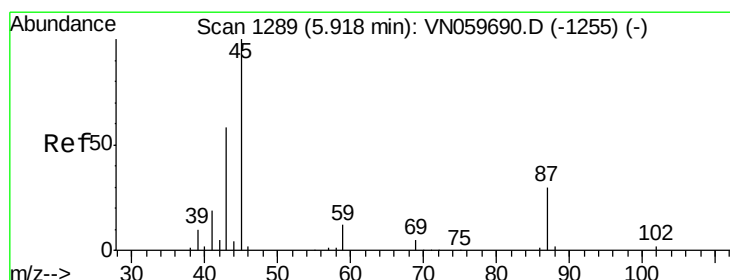
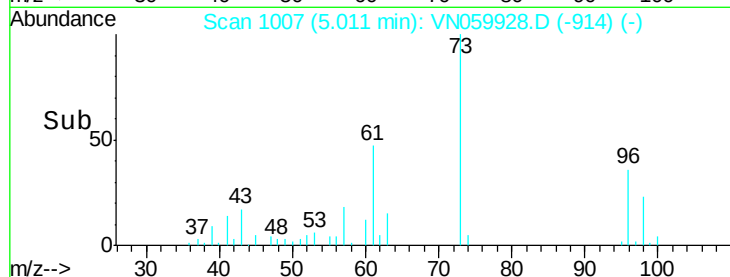
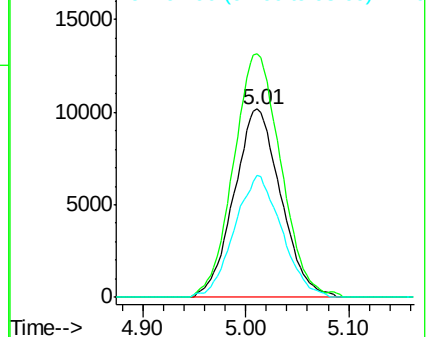


Abundance

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: 19.751 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Tgt Ion: 45 Resp: 99853

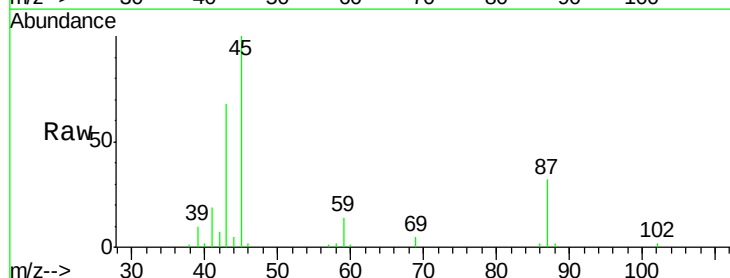
Ion	Ratio	Lower	Upper
45	100		
43	66.1	50.8	76.2
87	32.2	21.0	31.6#
59	14.1	9.1	13.7#

45 100

43 66.1 50.8 76.2

87 32.2 21.0 31.6#

59 14.1 9.1 13.7#



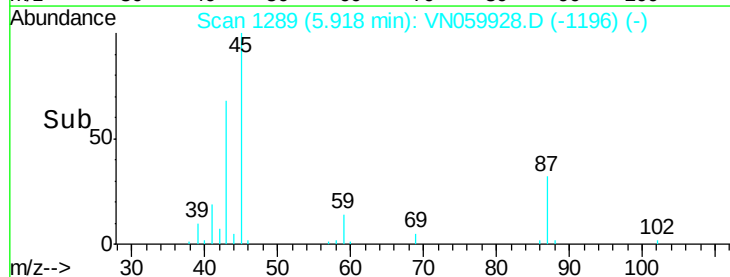
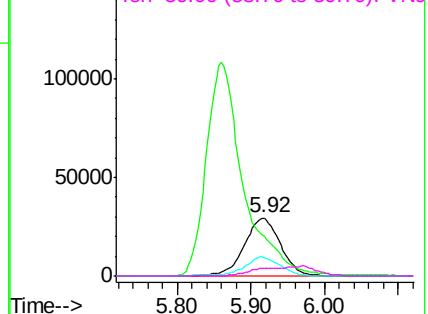
Abundance

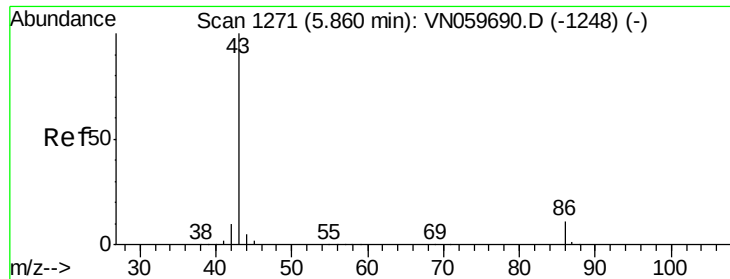
Ion 45.00 (44.70 to 45.70): VN0

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

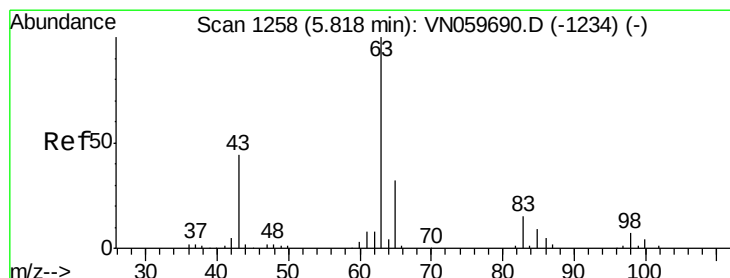
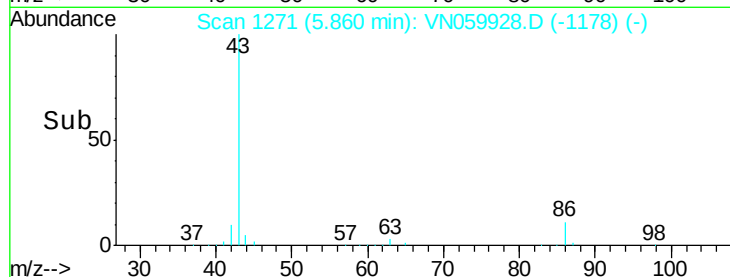
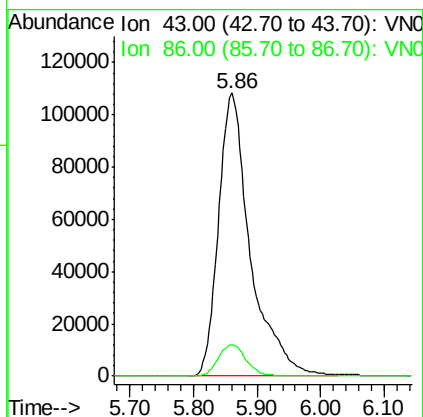
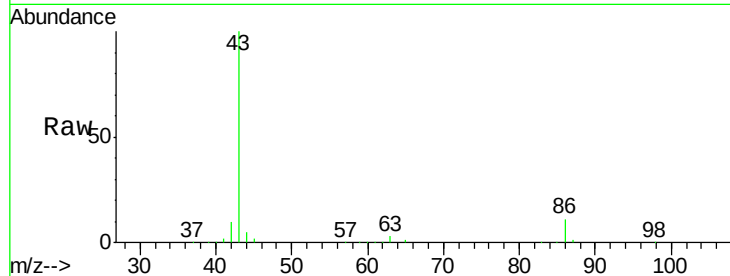




#23
 Vinyl Acetate
 Concen: 96.622 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

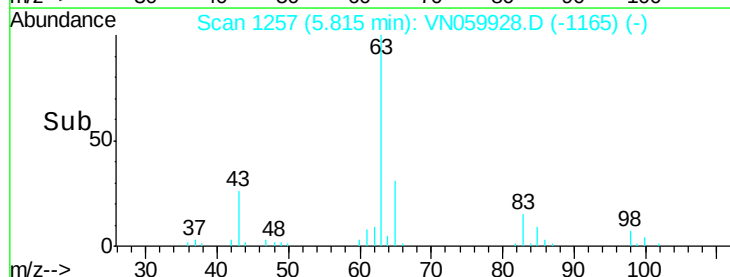
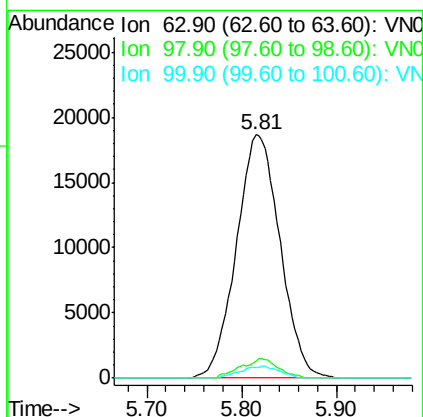
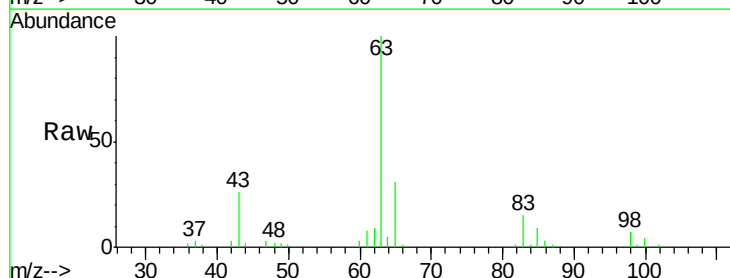
Instrument :
 MSVOA_N
 ClientSampled :

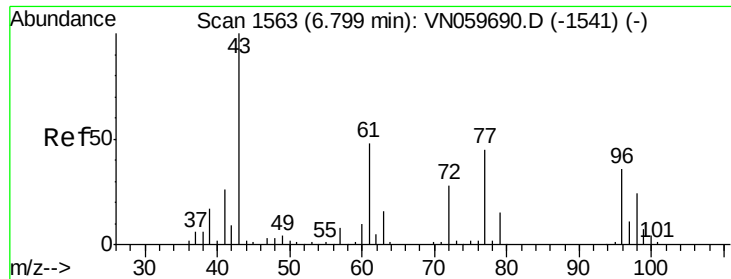
Tot Ion: 43 Resp: 378199
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 19.339 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Tgt Ion: 63 Resp: 59738
 Ion Ratio Lower Upper
 63 100
 98 6.9 2.9 8.7
 100 4.3 2.0 6.0

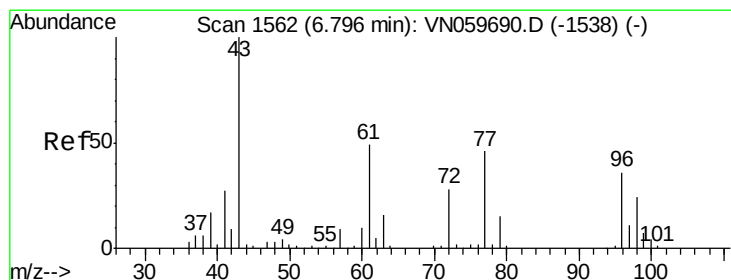
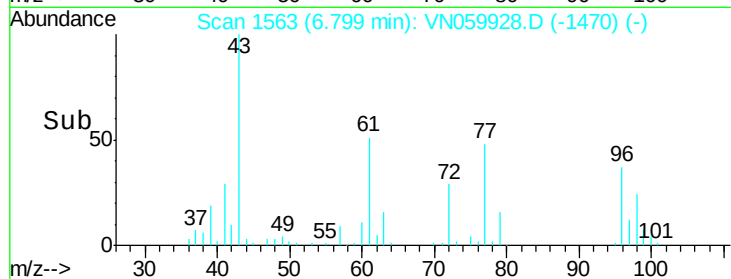
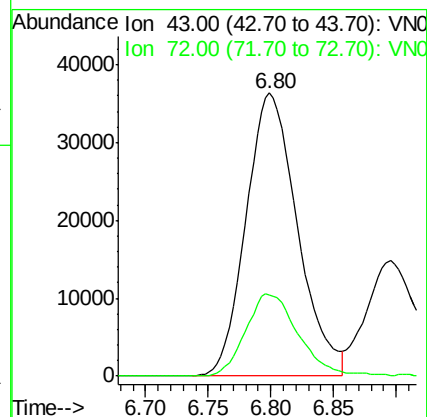
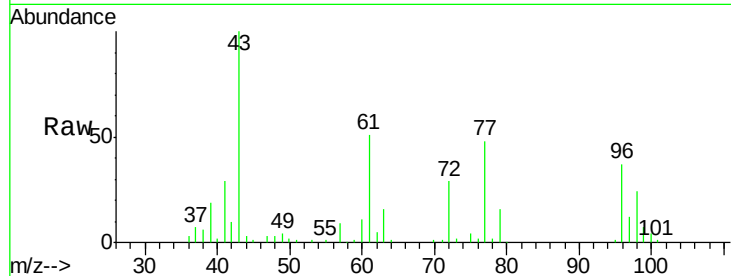




#25
2-Butanone
Concen: 91.338 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

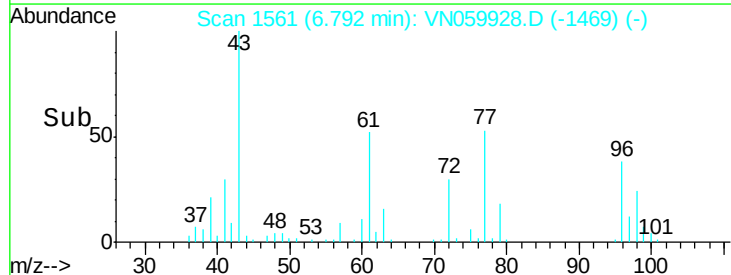
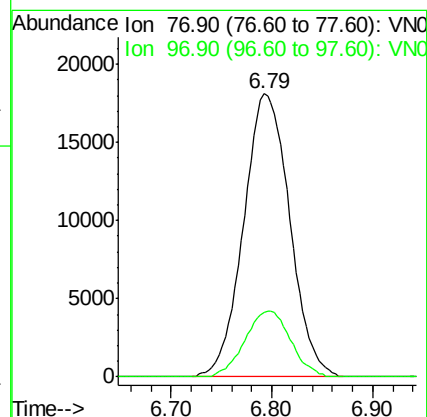
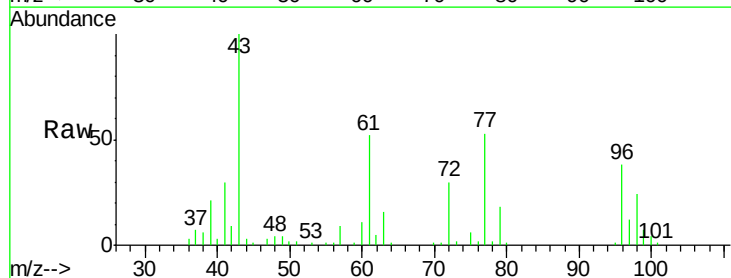
Instrument :
MSVOA_N
ClientSampled :

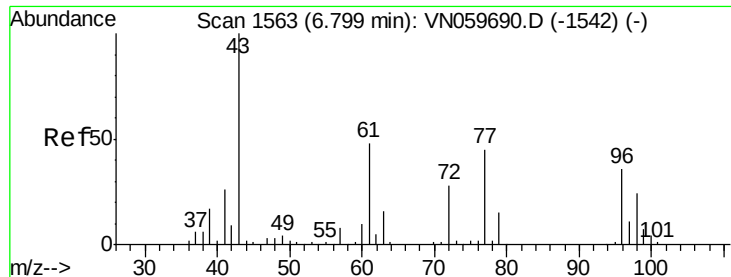
Tot Ion: 43 Resp: 103914
Ion Ratio Lower Upper
43 100
72 28.9 19.9 29.9



#26
2,2-Dichloropropane
Concen: 19.339 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion: 77 Resp: 57433
Ion Ratio Lower Upper
77 100
97 23.0 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 19.272 ug/l

RT: 6.80 min Scan# 1563

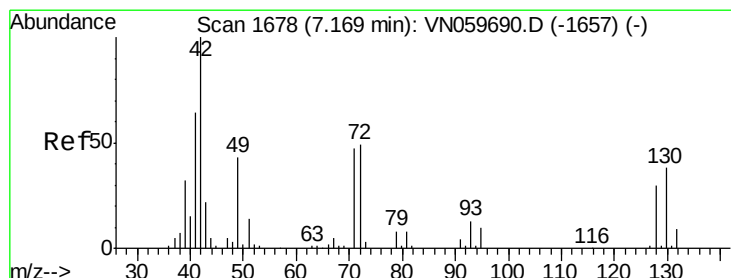
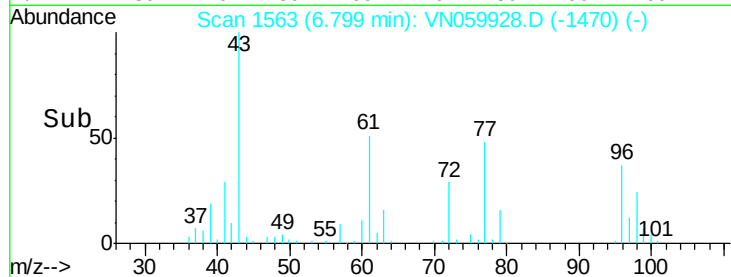
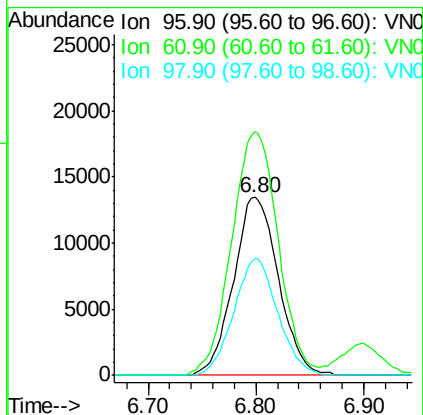
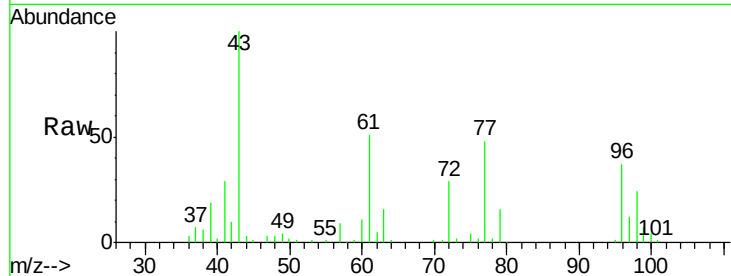
Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	96	Resp:	38997
Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	317.6
98	64.2	0.0	127.0



#28

Bromochloromethane

Concen: 19.333 ug/l

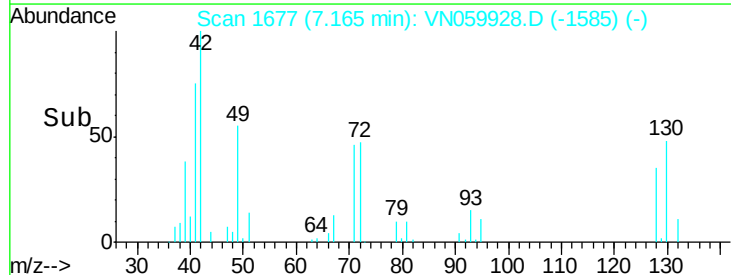
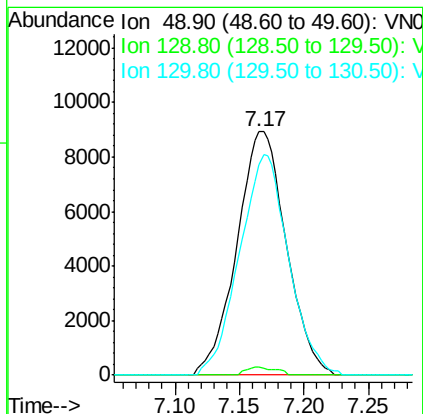
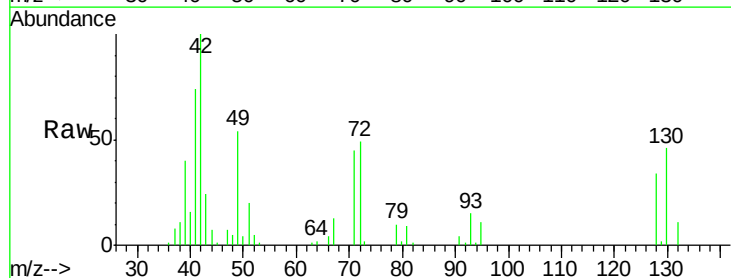
RT: 7.17 min Scan# 1677

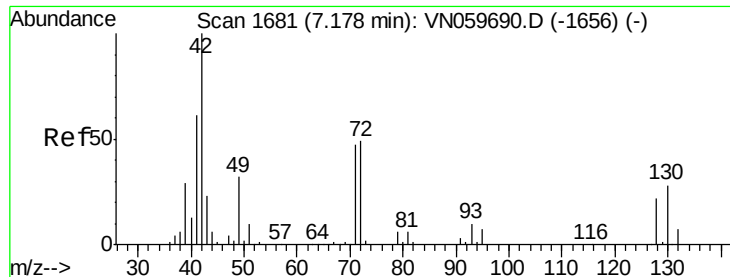
Delta R.T. -0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Tgt Ion:	49	Resp:	23869
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.4
130	89.7	54.7	82.1#

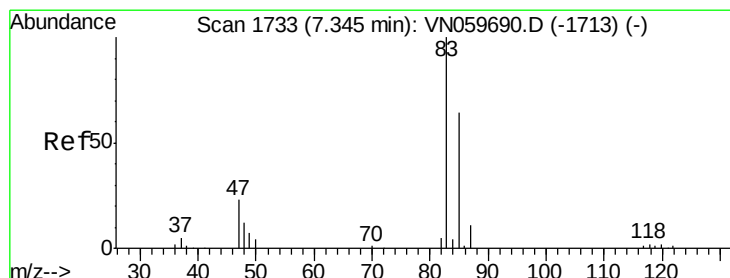
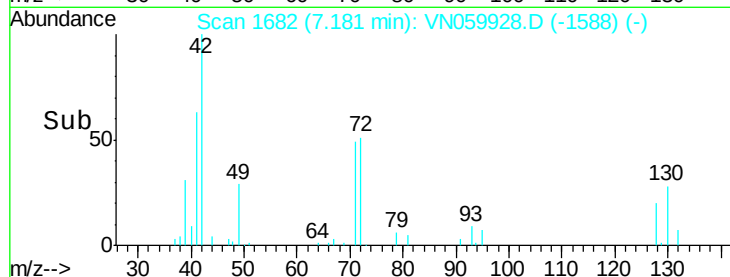
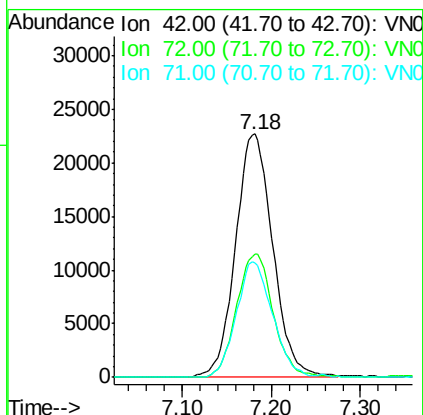
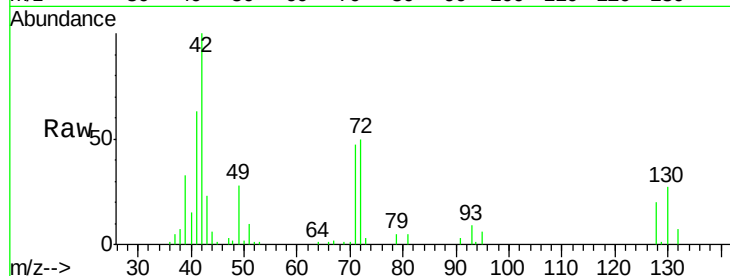




#29
Tetrahydrofuran
Concen: 93.792 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

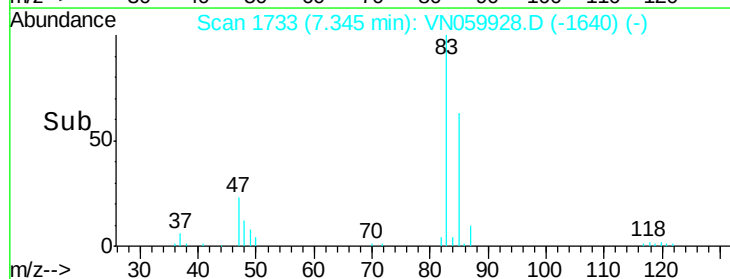
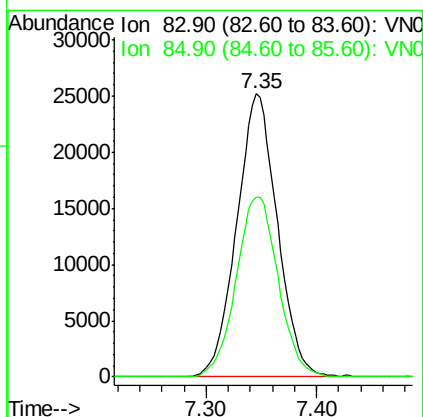
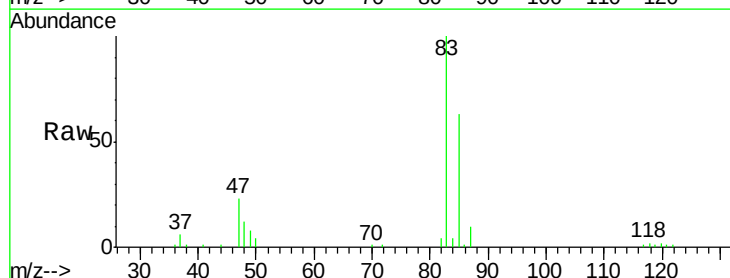
Instrument :
MSVOA_N
ClientSampled :

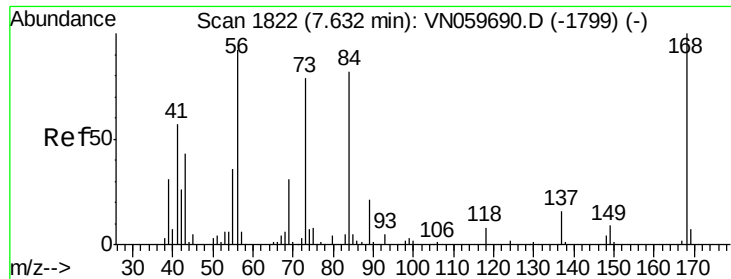
Tot Ion: 42 Resp: 66021
Ion Ratio Lower Upper
42 100
72 49.8 33.1 49.7#
71 45.9 31.4 47.0



#30
Chloroform
Concen: 20.062 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion: 83 Resp: 64211
Ion Ratio Lower Upper
83 100
85 63.5 52.4 78.6

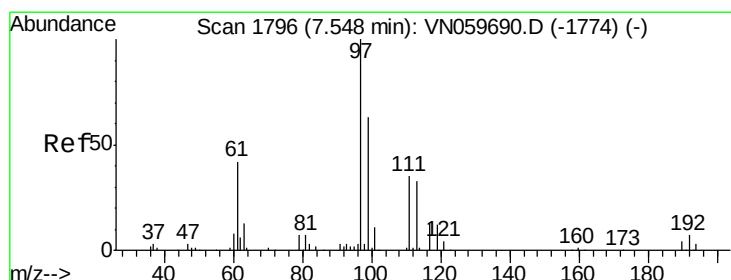
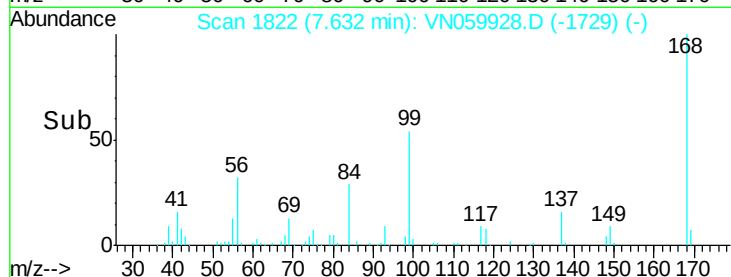
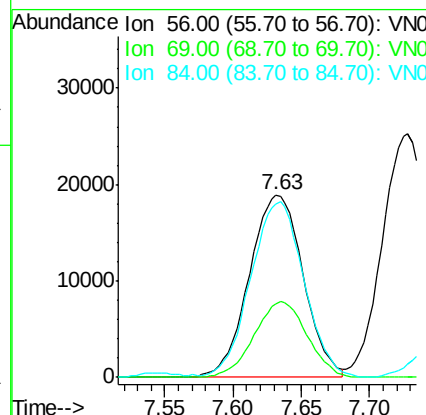
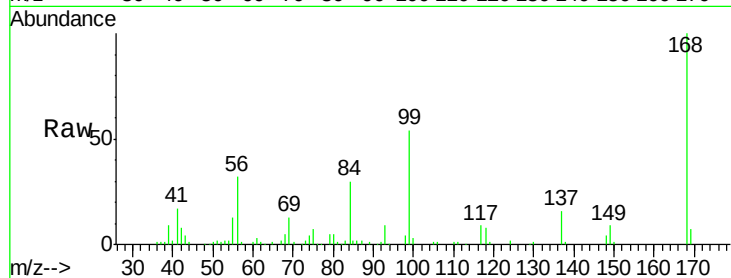




#31
Cyclohexane
Concen: 17.446 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

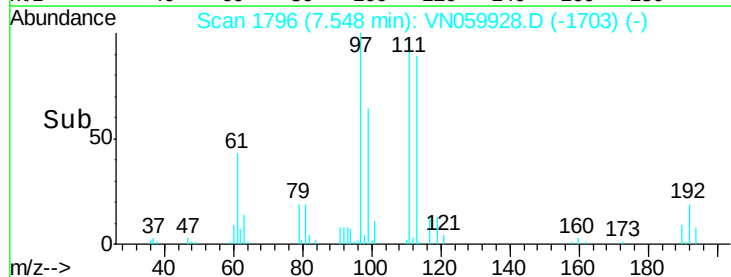
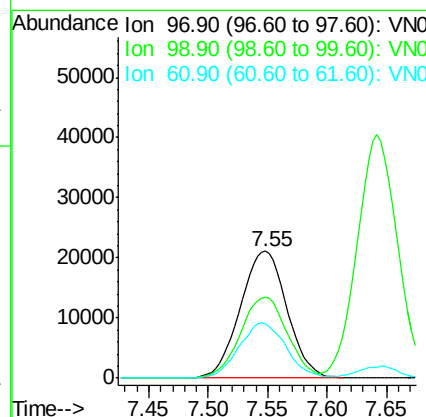
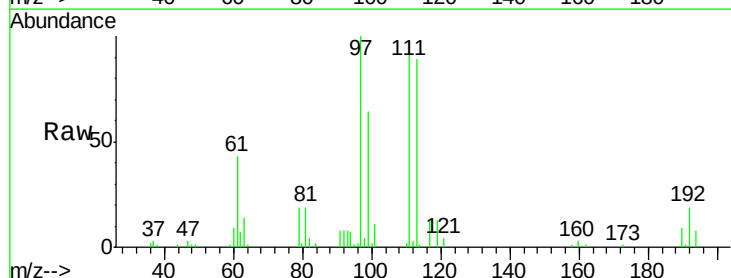
Instrument :
MSVOA_N
ClientSampled :

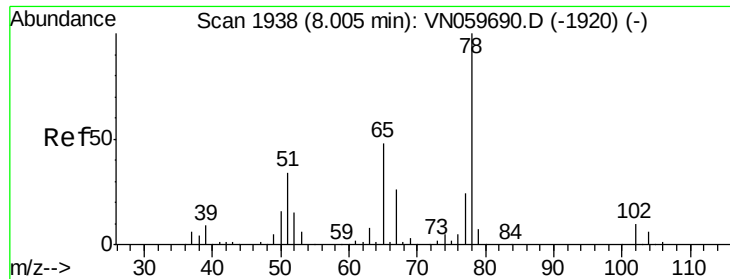
Tot Ion: 56 Resp: 51857
Ion Ratio Lower Upper
56 100
69 40.5 26.5 39.7#
84 93.9 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 19.332 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion: 97 Resp: 57210
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 43.8 38.5 57.7

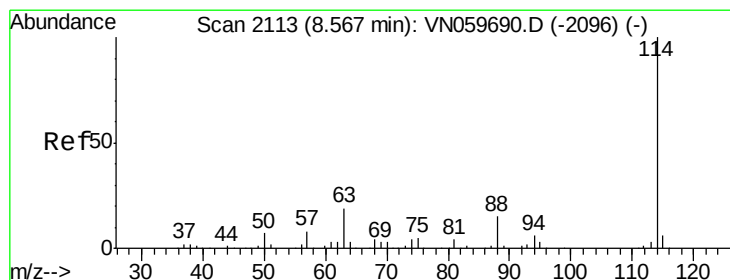
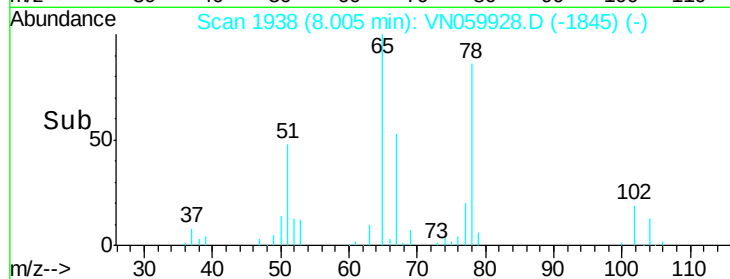
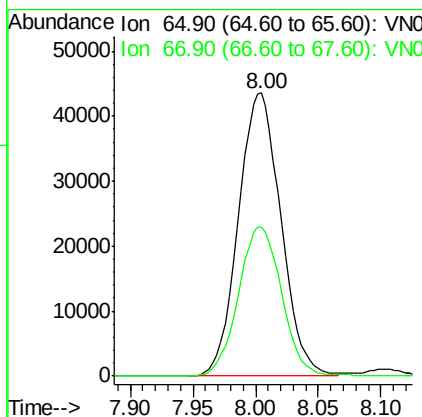
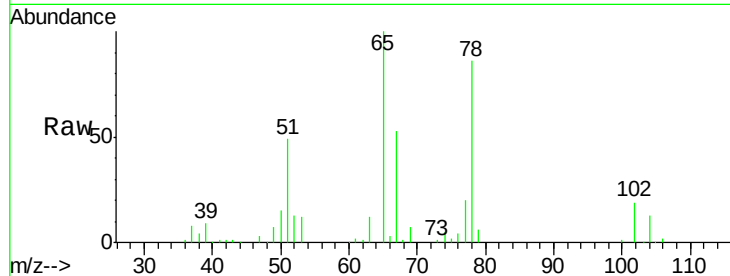




#33
 1,2-Dichloroethane-d4
 Concen: 51.102 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

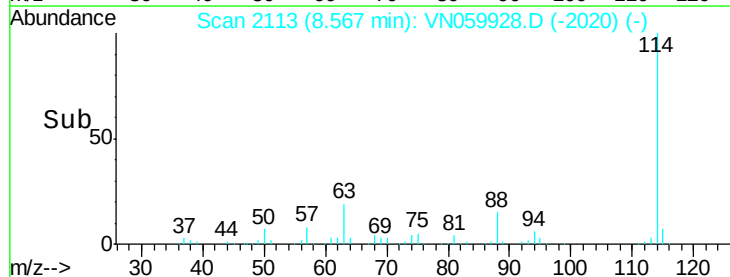
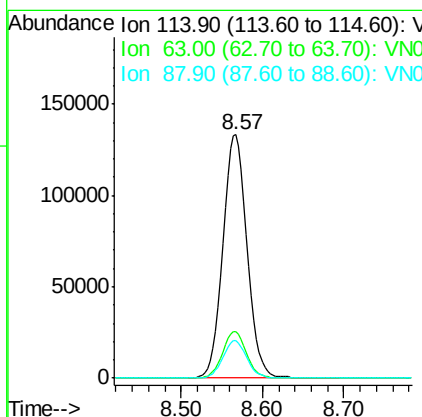
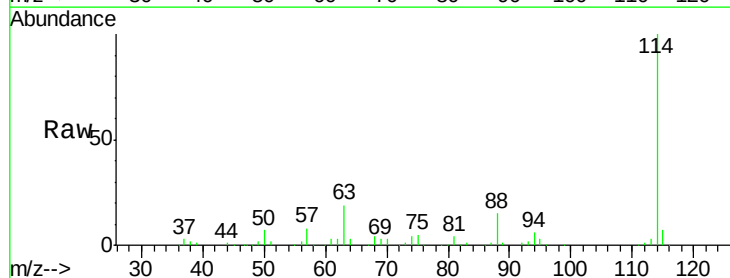
Instrument :
 MSVOA_N
 ClientSampled :

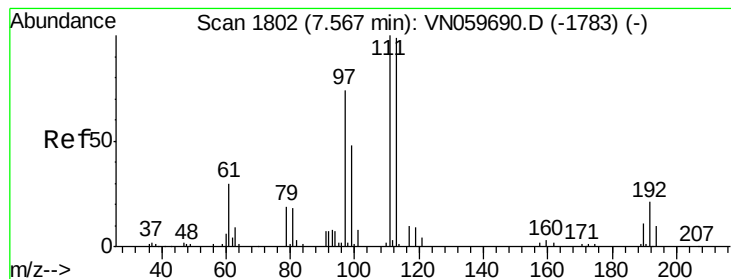
Tot Ion: 65 Resp: 102664
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Tgt Ion: 114 Resp: 279278
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 43.6
 88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.064 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

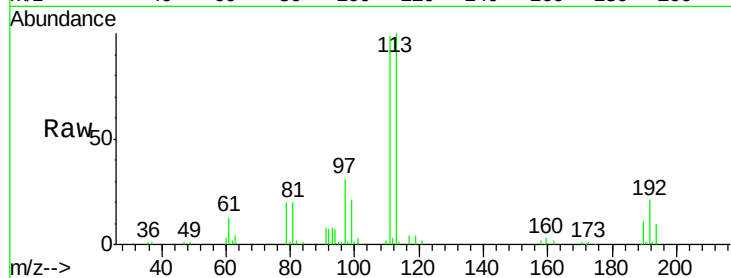
Tot Ion:113 Resp: 85045

Ion Ratio Lower Upper

113 100

111 103.7 83.5 125.3

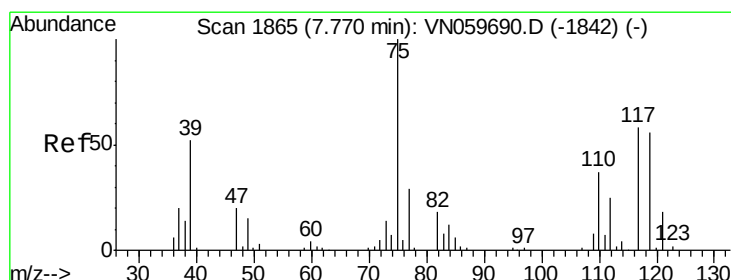
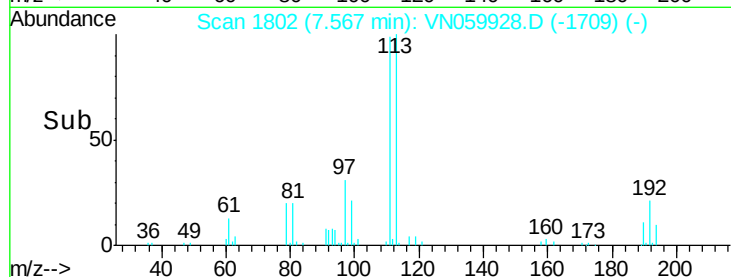
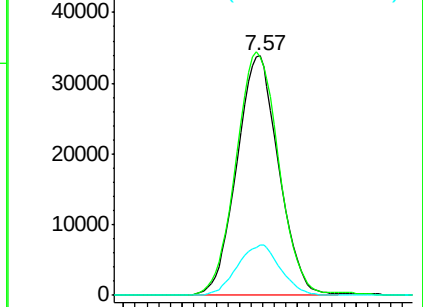
192 21.6 15.4 23.2



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: 18.677 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

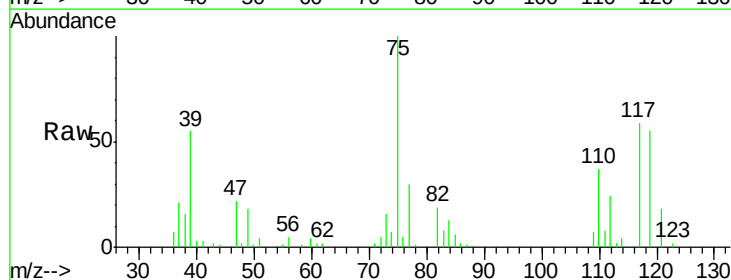
Tgt Ion: 75 Resp: 45424

Ion Ratio Lower Upper

75 100

110 37.4 16.6 49.7

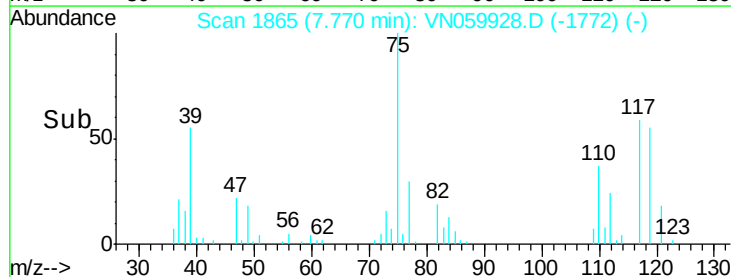
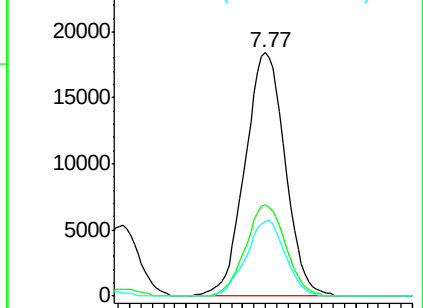
77 30.1 25.1 37.7

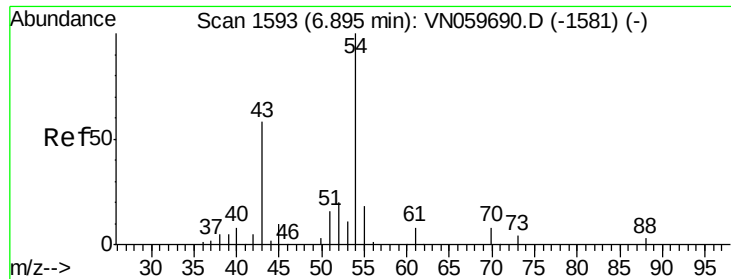


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

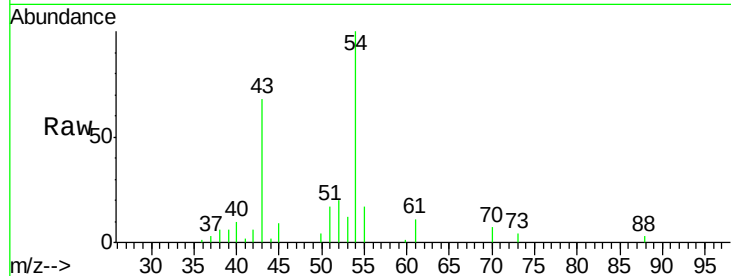




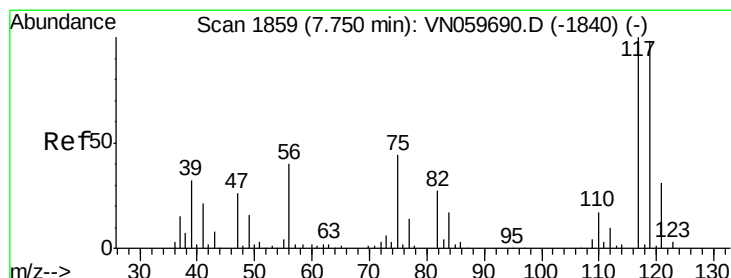
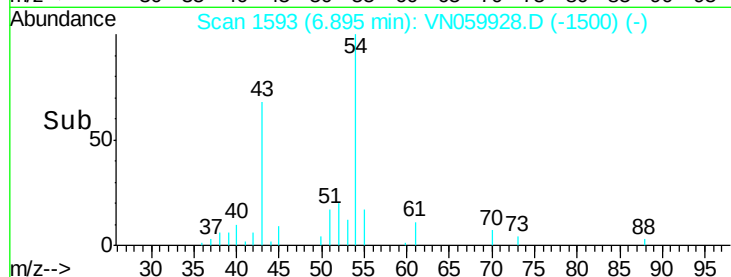
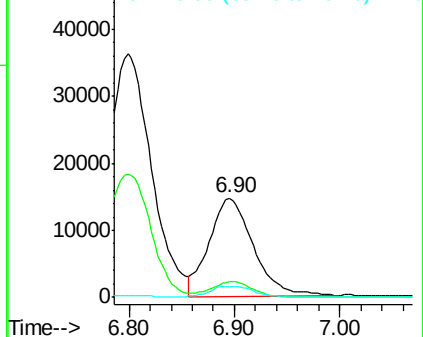
#37
Ethyl Acetate
Concen: 18.620 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 42474
Ion Ratio Lower Upper
43 100
61 15.4 10.9 16.3
70 11.0 7.7 11.5

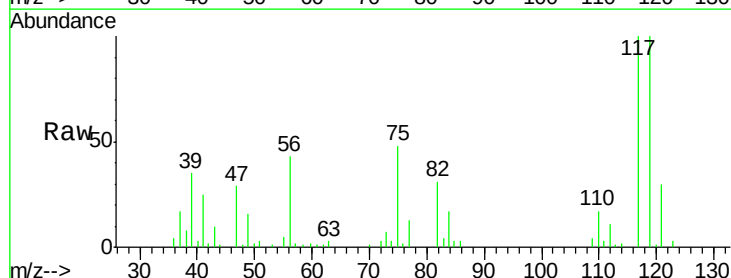


Abundance Ion 43.00 (42.70 to 43.70): VN059928.D (-1500) (-)
Ion 60.90 (60.60 to 61.60): VN059928.D (-1500) (-)
Ion 70.00 (69.70 to 70.70): VN059928.D (-1500) (-)

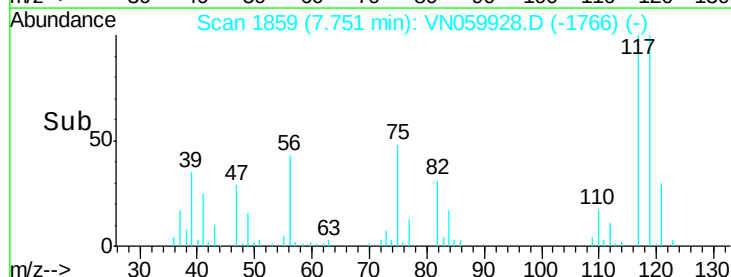
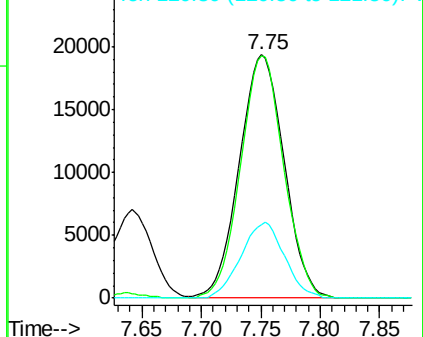


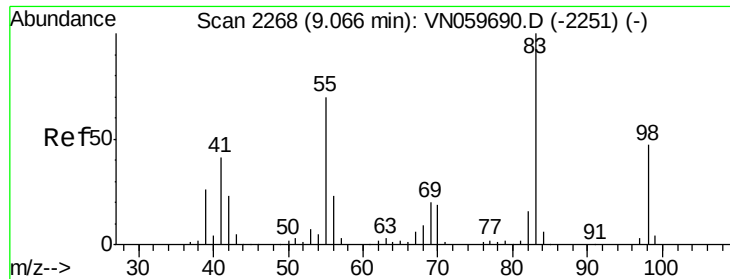
#38
Carbon Tetrachloride
Concen: 19.148 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion: 117 Resp: 50658
Ion Ratio Lower Upper
117 100
119 99.7 76.5 114.7
121 30.2 25.1 37.7



Abundance Ion 116.80 (116.50 to 117.50): VN059928.D (-1766) (-)
Ion 118.80 (118.50 to 119.50): VN059928.D (-1766) (-)
Ion 120.80 (120.50 to 121.50): VN059928.D (-1766) (-)

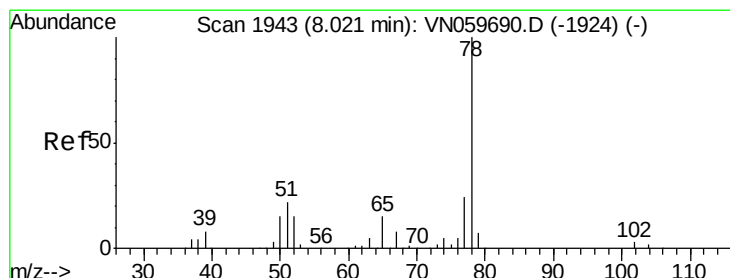
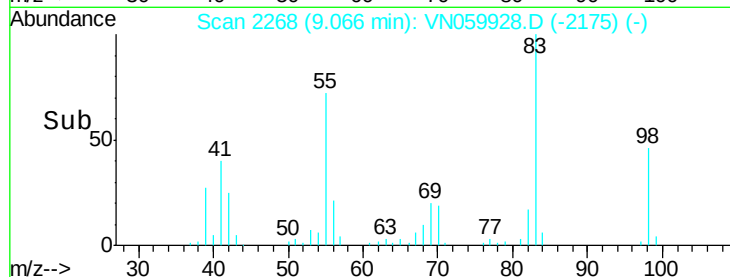
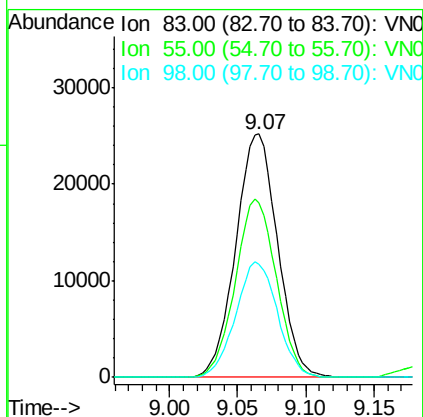
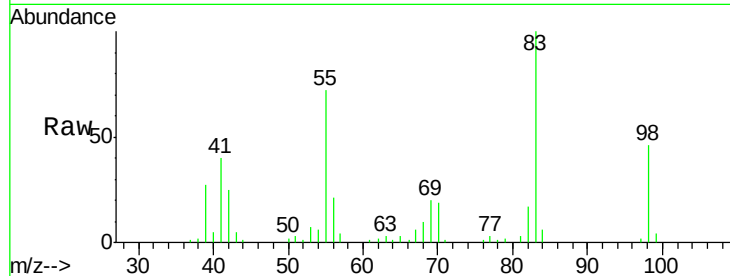




#39
Methylvlcyclohexane
Concen: 17.892 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

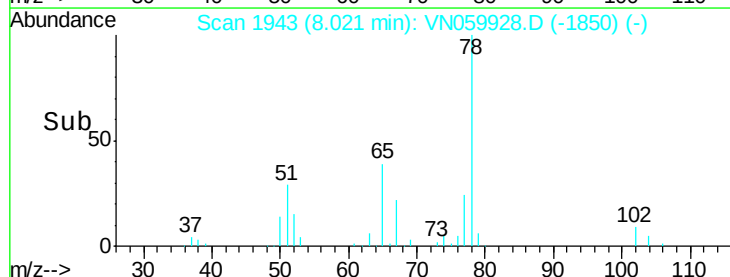
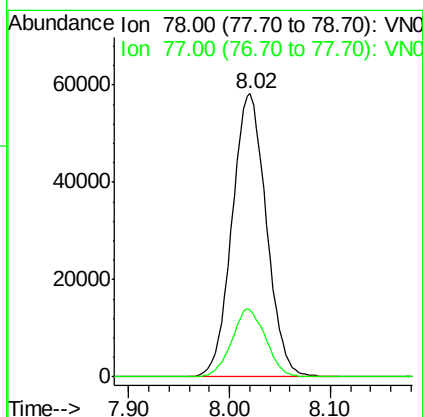
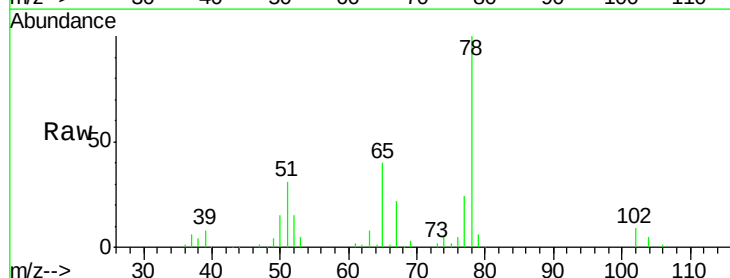
Instrument :
MSVOA_N
ClientSampled :

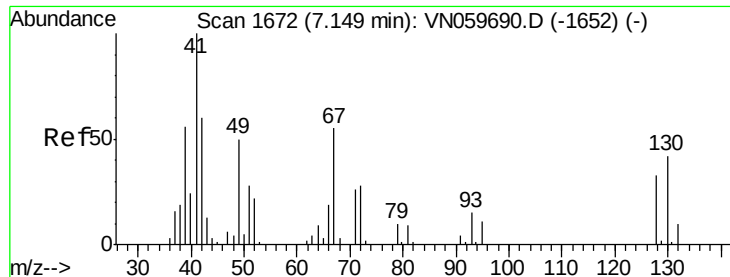
Tot Ion: 83 Resp: 53655
Ion Ratio Lower Upper
83 100
55 71.6 64.2 96.2
98 46.2 35.9 53.9



#40
Benzene
Concen: 18.946 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion: 78 Resp: 137421
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3





#41

Methacrylonitrile

Concen: 54.253 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.03 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 60956

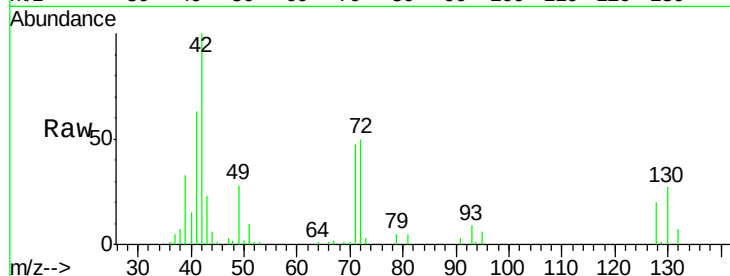
Ion Ratio Lower Upper

41 100

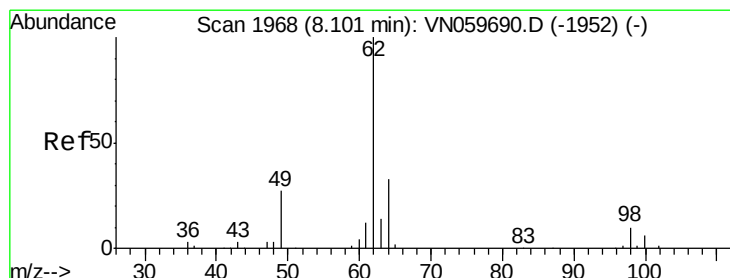
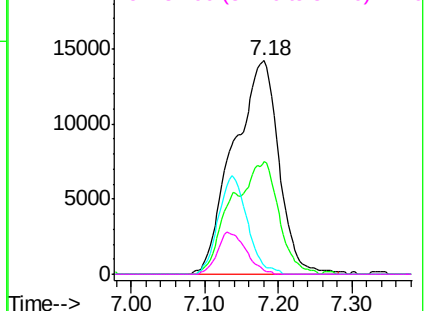
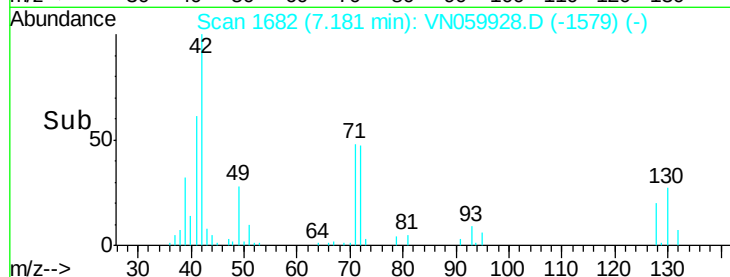
39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0



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



#42

1,2-Dichloroethane

Concen: 20.549 ug/l

RT: 8.10 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VN059928.D

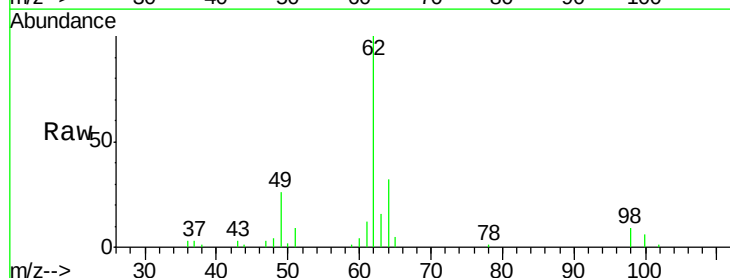
Acq: 30 Jan 2020 15:00

Tgt Ion: 62 Resp: 50534

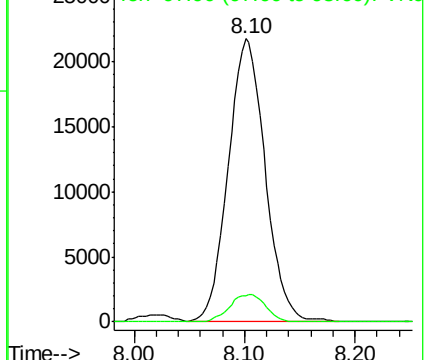
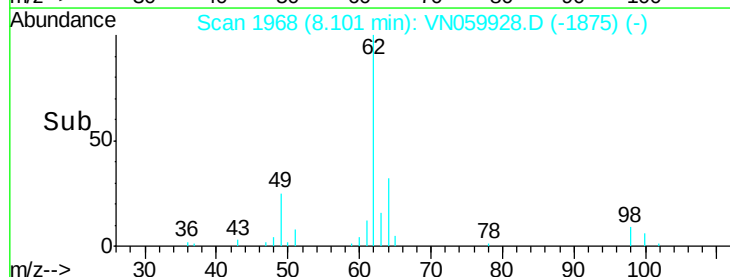
Ion Ratio Lower Upper

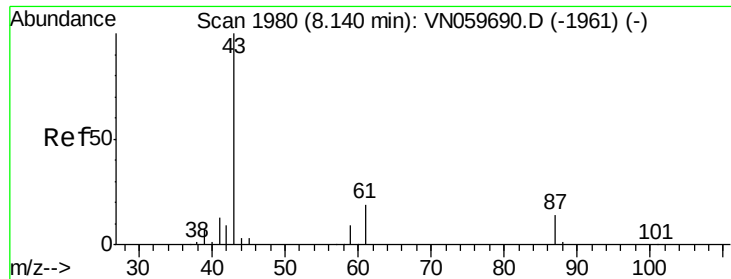
62 100

98 9.4 0.0 15.8



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





#43

Isopropyl Acetate

Concen: 18.656 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

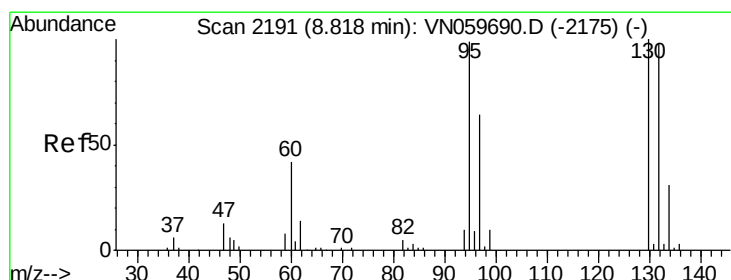
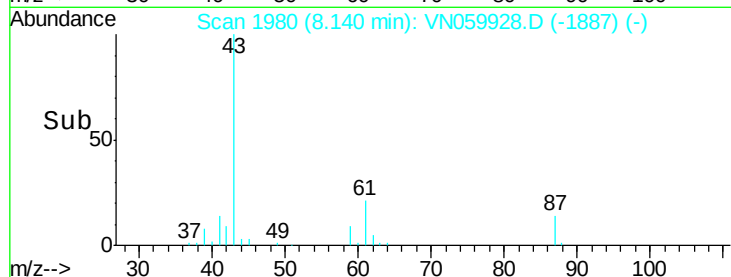
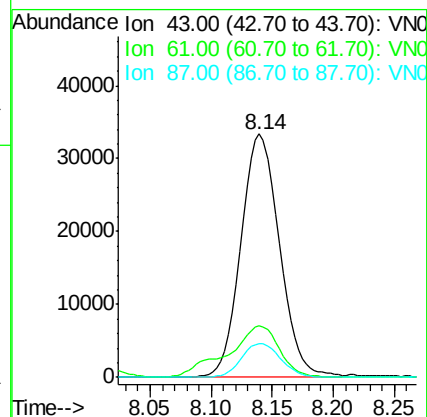
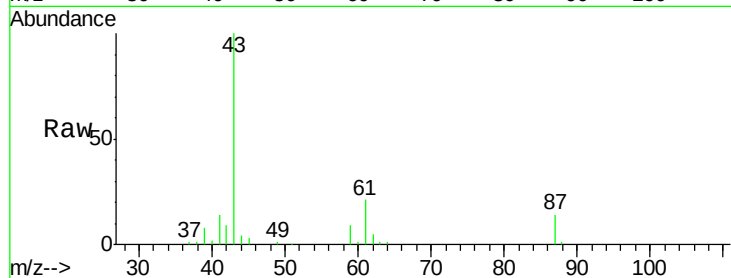
Tot Ion: 43 Resp: 73196

Ion Ratio Lower Upper

43 100

61 28.3 20.2 30.2

87 14.0 9.5 14.3



#44

Trichloroethene

Concen: 19.916 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059928.D

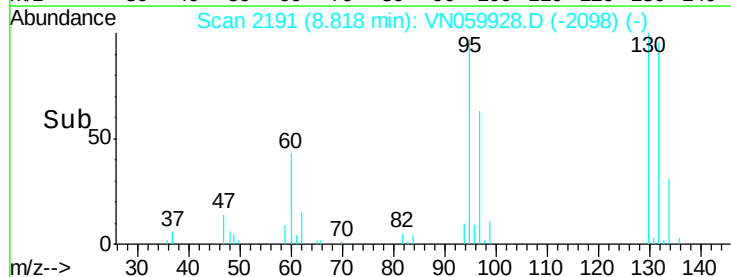
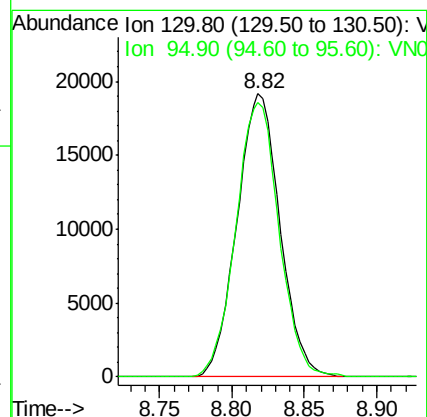
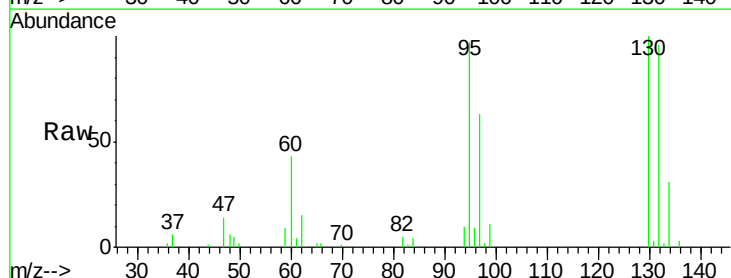
Acq: 30 Jan 2020 15:00

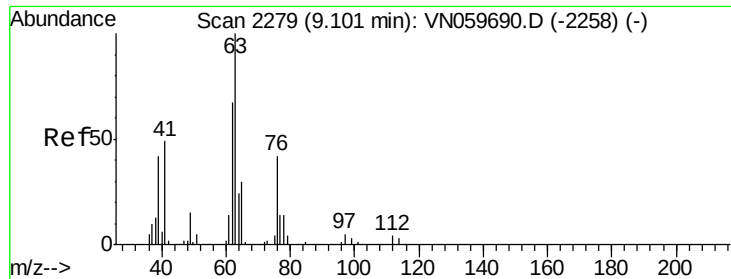
Tgt Ion:130 Resp: 39436

Ion Ratio Lower Upper

130 100

95 97.0 0.0 207.0





#45

1,2-Dichloropropane

Concen: 19.990 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

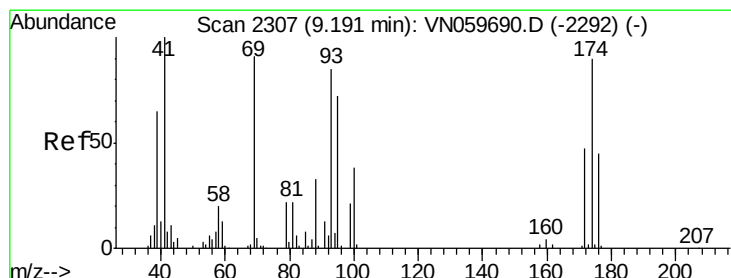
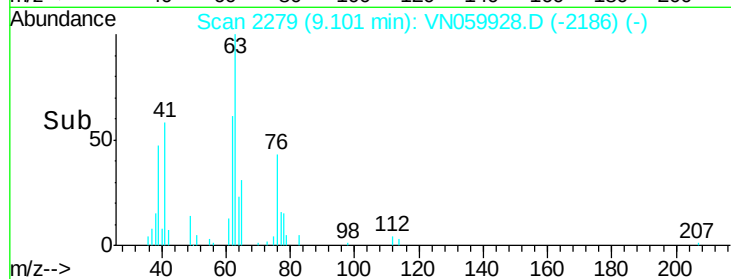
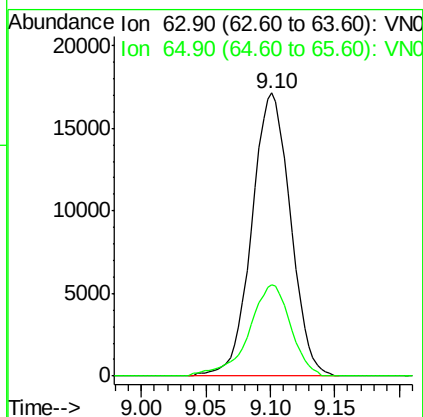
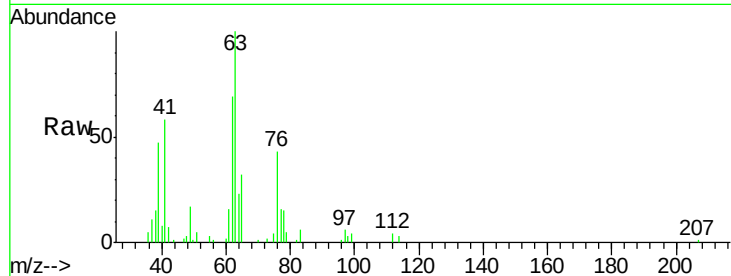
ClientSampleId :

Tot Ion: 63 Resp: 35878

Ion Ratio Lower Upper

63 100

65 32.4 24.9 37.3



#46

Dibromomethane

Concen: 19.342 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

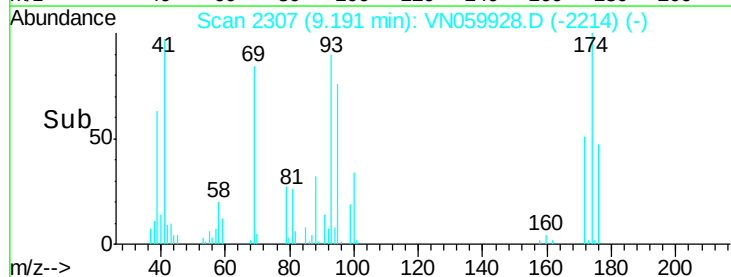
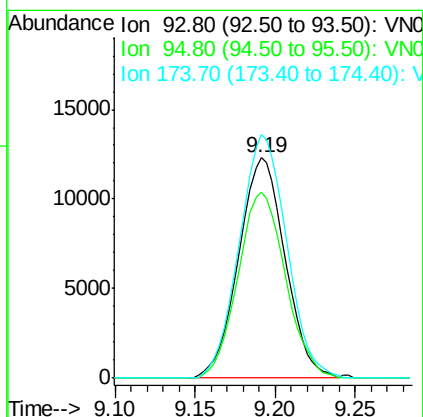
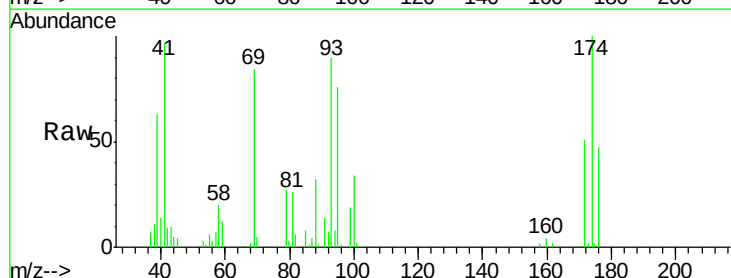
Tgt Ion: 93 Resp: 24488

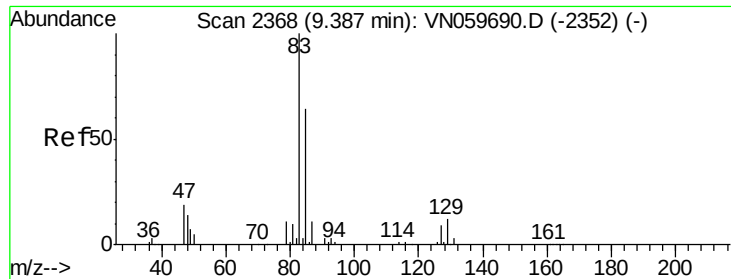
Ion Ratio Lower Upper

93 100

95 85.7 67.0 100.6

174 112.6 73.4 110.2#





#47

Bromodichloromethane

Concen: 19.926 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

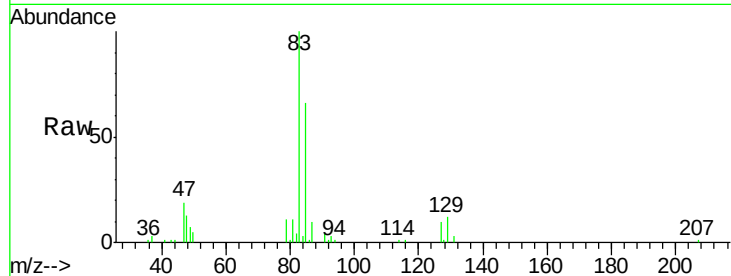
Tot Ion: 83 Resp: 50838

Ion Ratio Lower Upper

83 100

85 65.7 51.1 76.7

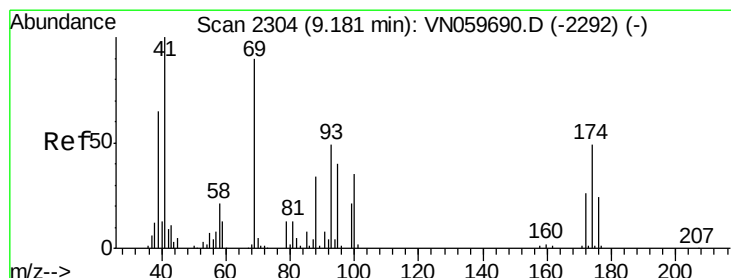
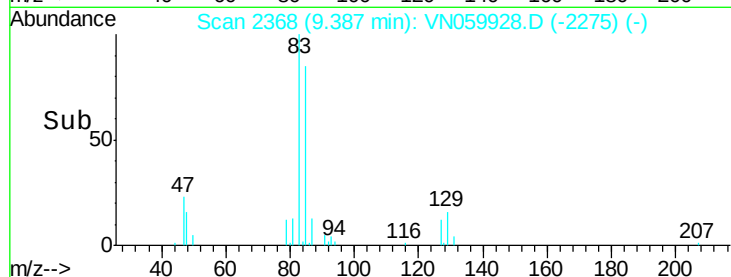
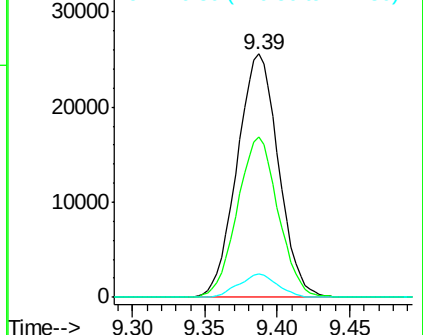
127 9.6 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN059928.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN059928.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN059928.D (-2275) (-)



#48

Methyl methacrylate

Concen: 18.001 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

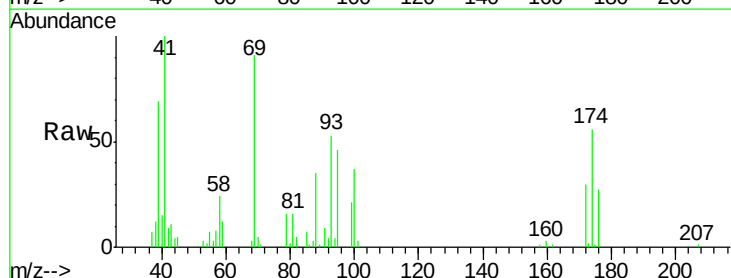
Tgt Ion: 41 Resp: 31591

Ion Ratio Lower Upper

41 100

69 92.1 64.4 96.6

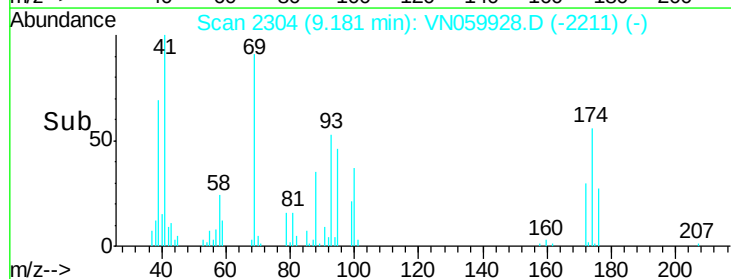
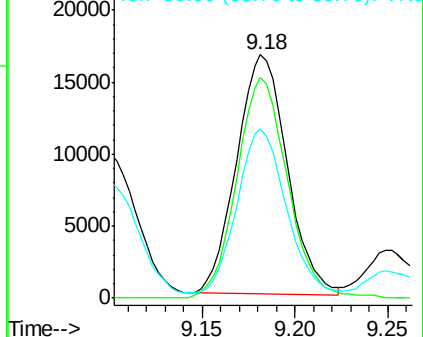
39 67.1 51.3 76.9

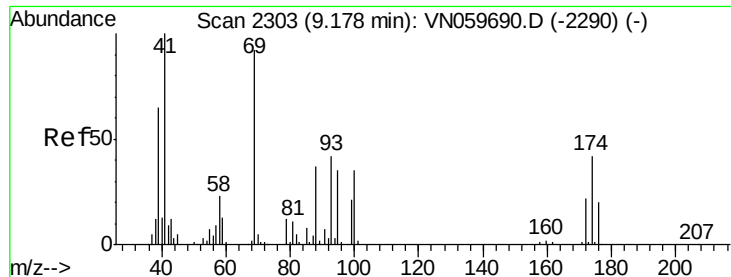


Abundance Ion 41.00 (40.70 to 41.70): VN059928.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN059928.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN059928.D (-2211) (-)





#49

1,4-Dioxane

Concen: 386.089 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampleId :

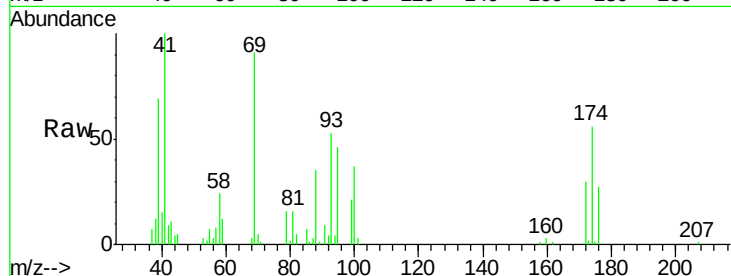
Tot Ion: 88 Resp: 12404

Ion Ratio Lower Upper

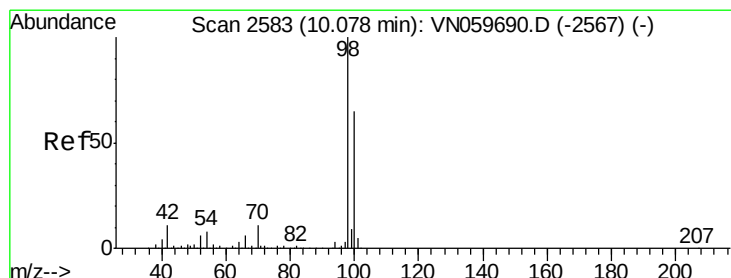
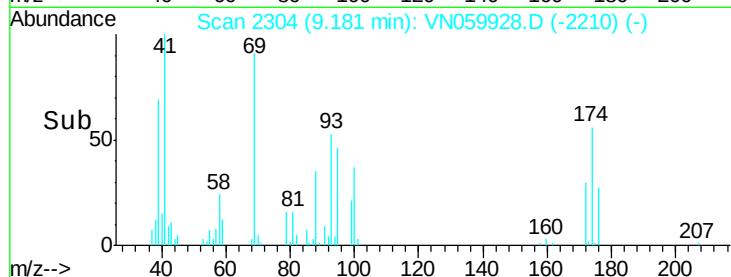
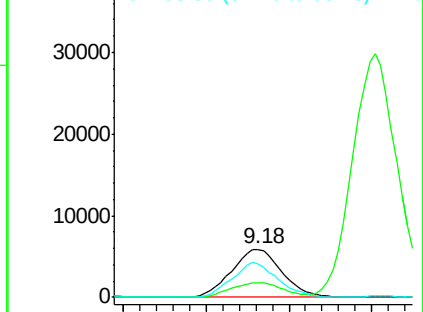
88 100

43 31.2 29.7 44.5

58 64.8 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: 49.750 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059928.D

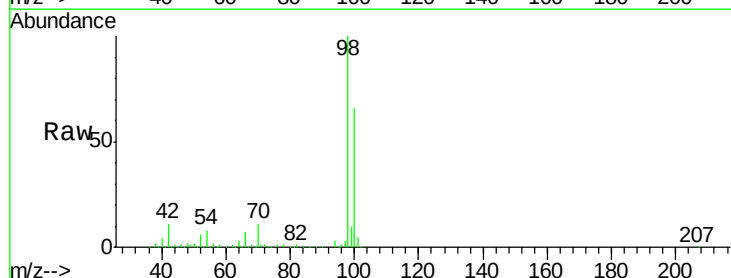
Acq: 30 Jan 2020 15:00

Tgt Ion: 98 Resp: 321029

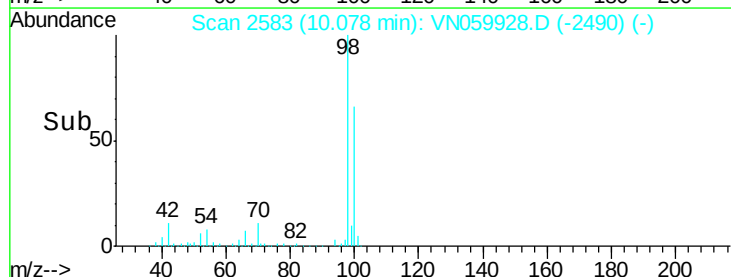
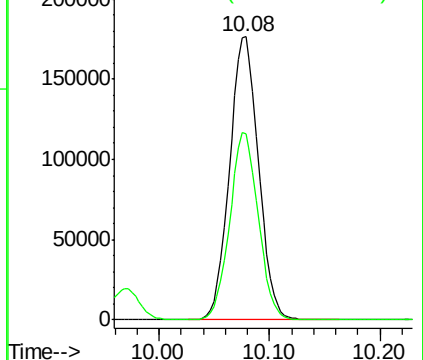
Ion Ratio Lower Upper

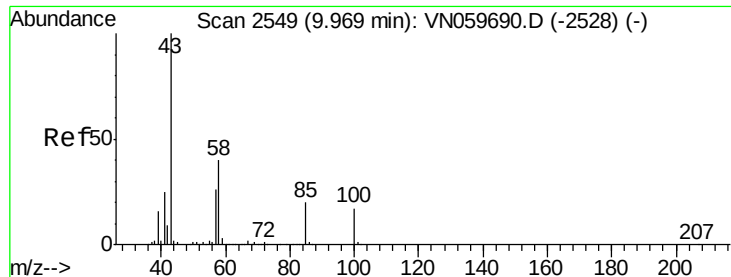
98 100

100 65.2 51.2 76.8



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

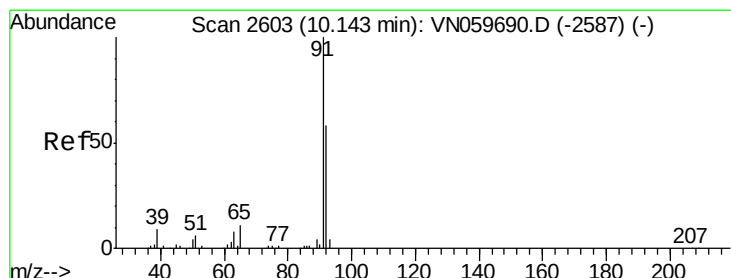
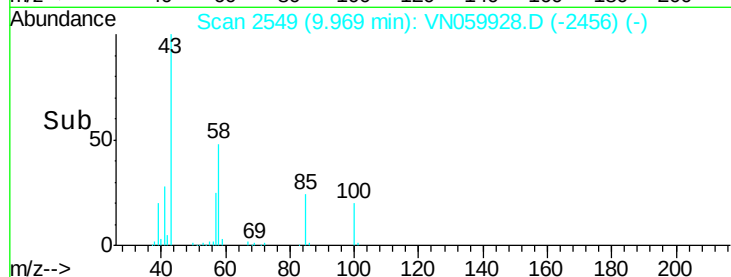
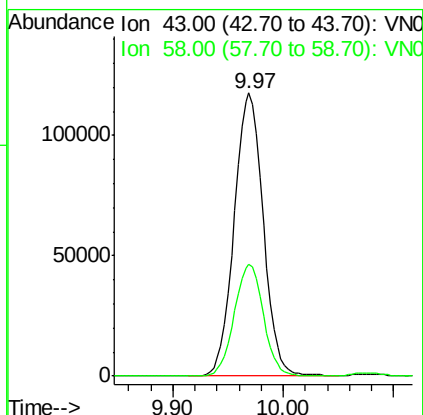
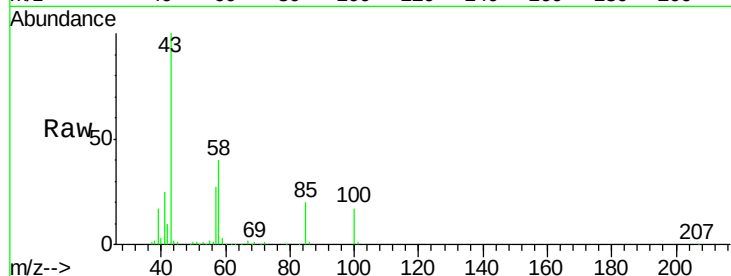




#51
 4-Methyl-2-Pentanone
 Concen: 94.704 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

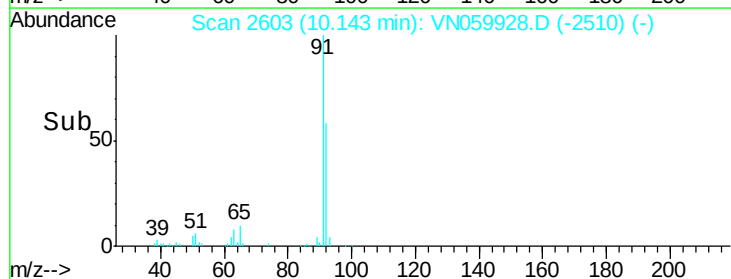
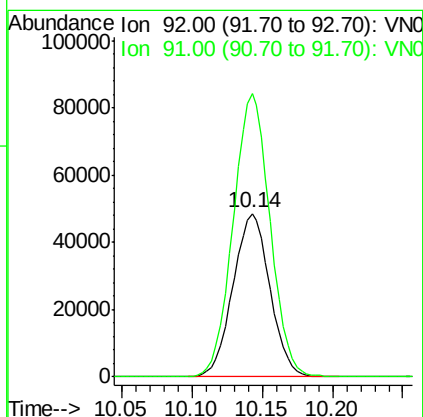
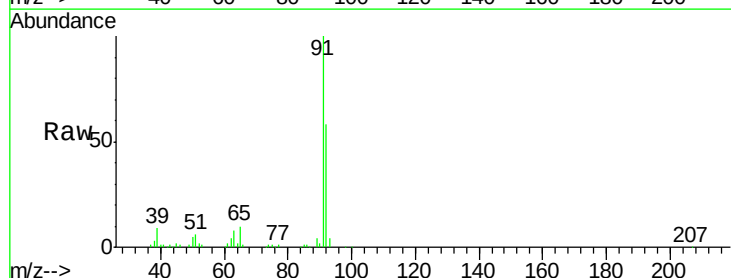
Instrument :
 MSVOA_N
 ClientSampleId :

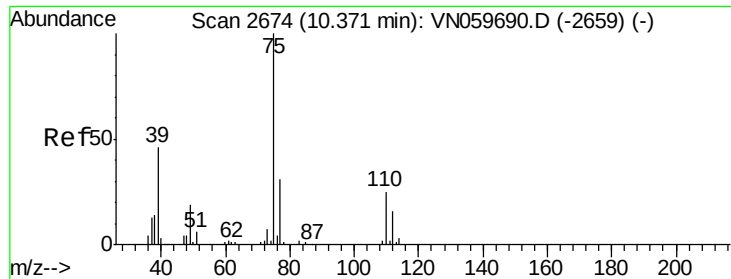
Tot Ion: 43 Resp: 214795
 Ion Ratio Lower Upper
 43 100
 58 39.7 29.8 44.8



#52
 Toluene
 Concen: 19.491 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Tgt Ion: 92 Resp: 89296
 Ion Ratio Lower Upper
 92 100
 91 172.7 140.4 210.6

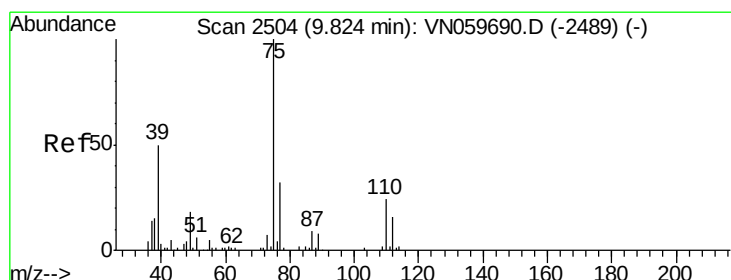
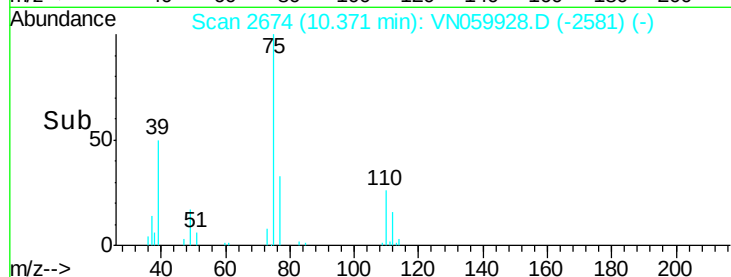
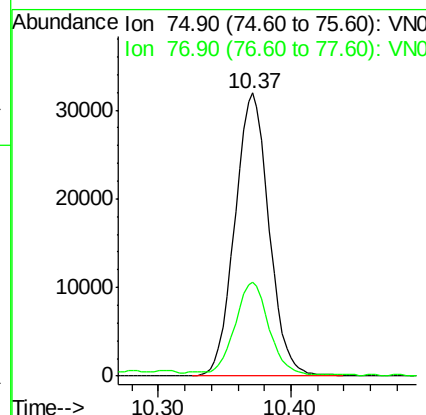
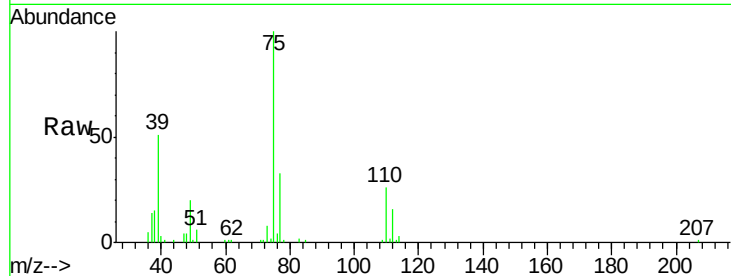




#53
t-1,3-Dichloropropene
Concen: 20.014 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

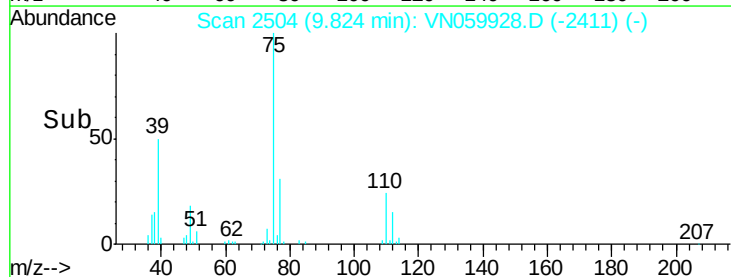
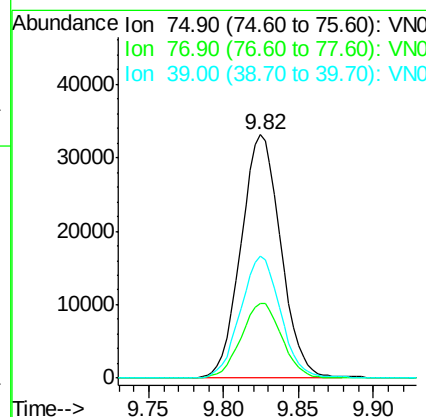
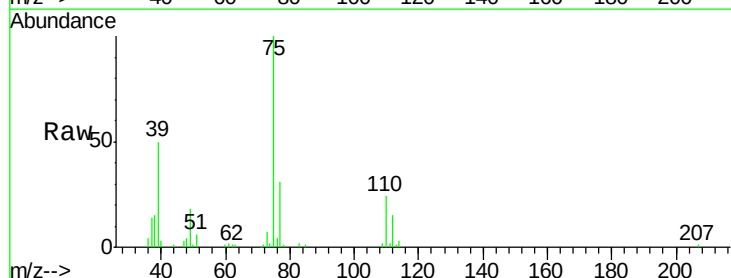
Instrument :
MSVOA_N
ClientSampled :

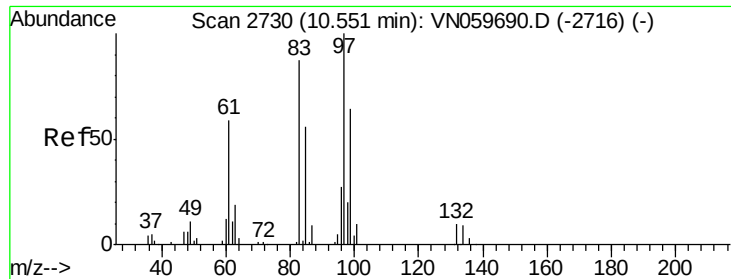
Tot Ion: 75 Resp: 57016
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 20.485 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion: 75 Resp: 61403
Ion Ratio Lower Upper
75 100
77 30.5 25.1 37.7
39 50.0 46.1 69.1

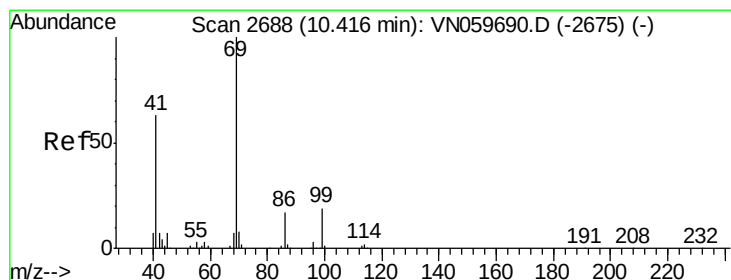
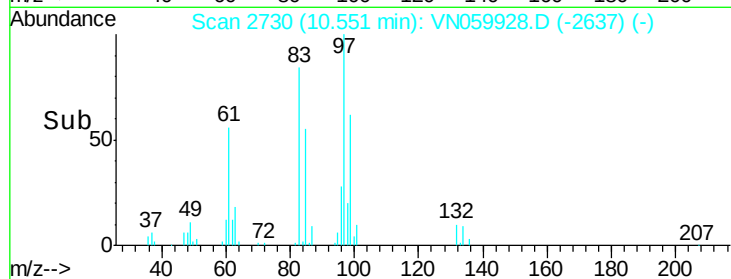
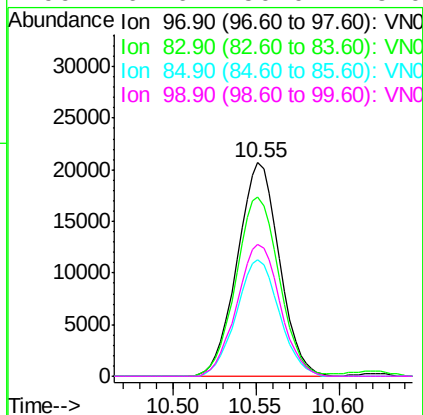
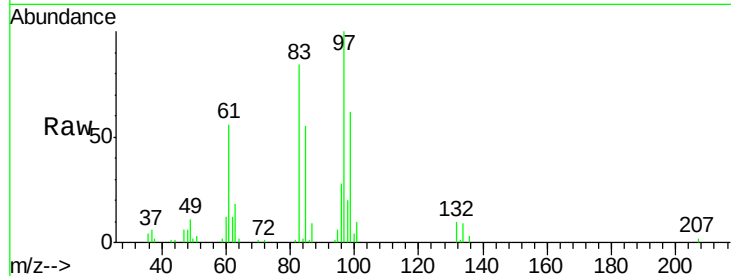




#55
 1,1,2-Trichloroethane
 Concen: 20.095 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

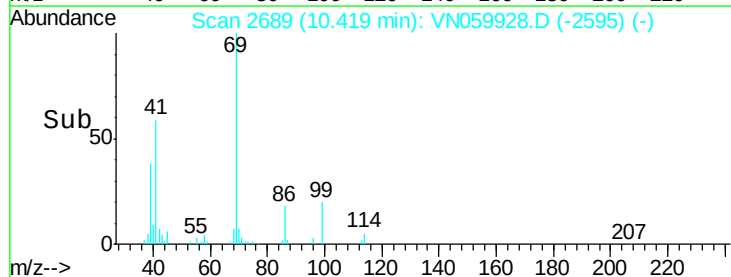
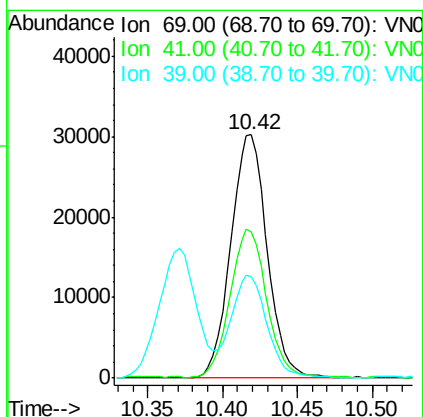
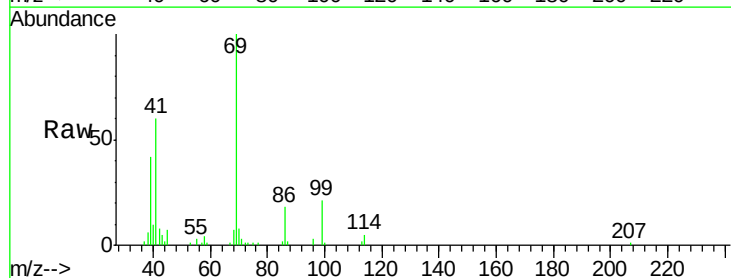
Instrument :
 MSVOA_N
 ClientSampled :

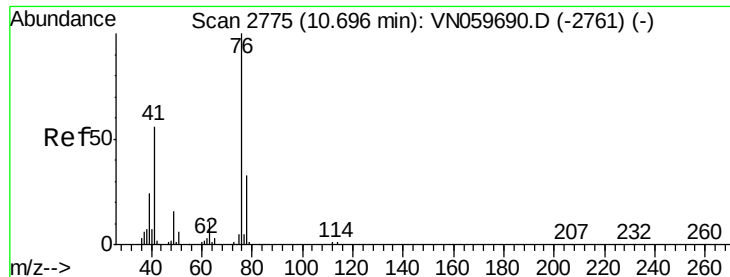
Tot Ion:	97	Resp:	36464
Ion	Ratio	Lower	Upper
97	100		
83	83.9	71.3	106.9
85	54.7	45.8	68.8
99	61.6	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 18.467 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Tgt Ion:	69	Resp:	51201
Ion	Ratio	Lower	Upper
69	100		
41	62.2	57.1	85.7
39	42.8	34.7	52.1





#57

1,3-Dichloropropane

Concen: 20.544 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

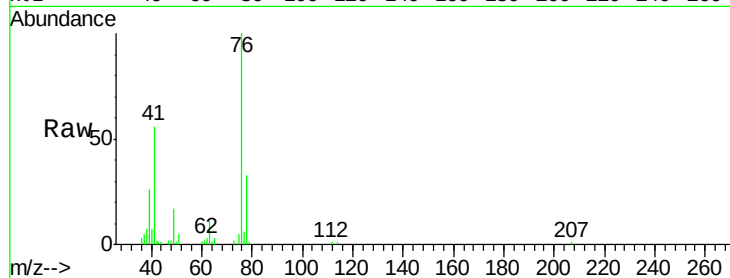
ClientSampled :

Tot Ion: 76 Resp: 59182

Ion Ratio Lower Upper

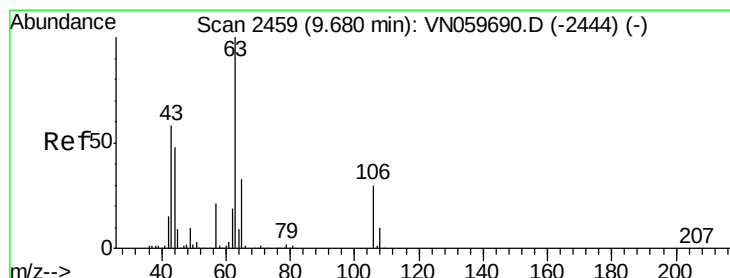
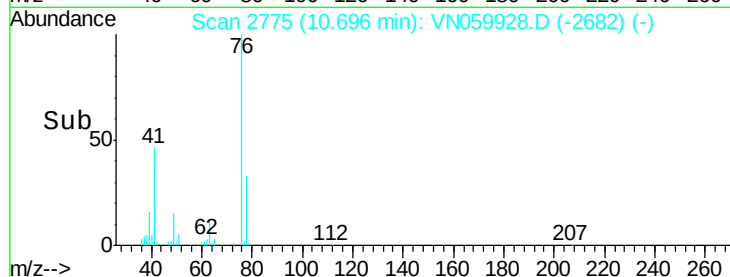
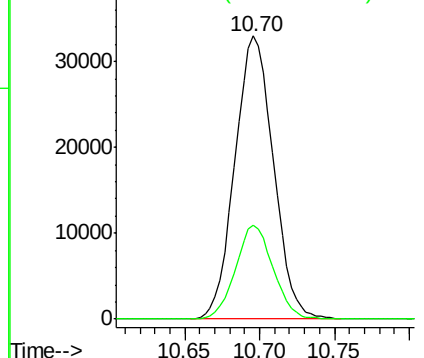
76 100

78 32.3 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 105.679 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059928.D

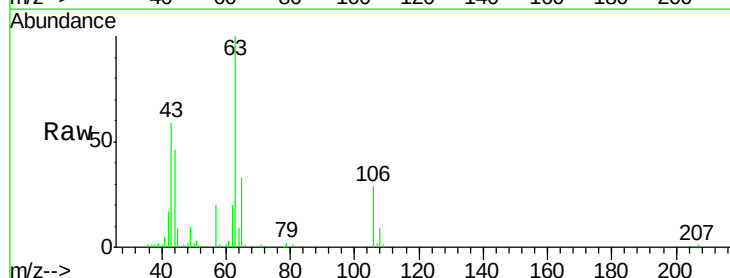
Acq: 30 Jan 2020 15:00

Tgt Ion: 63 Resp: 88255

Ion Ratio Lower Upper

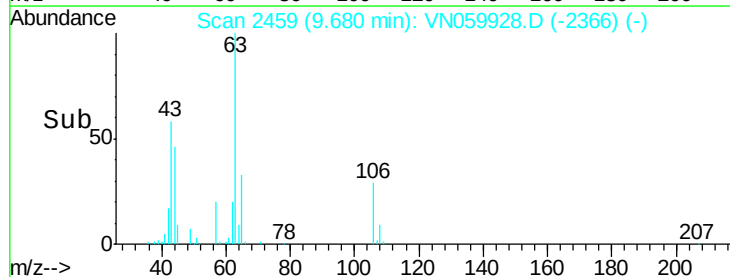
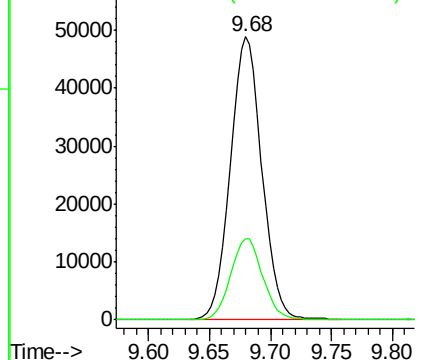
63 100

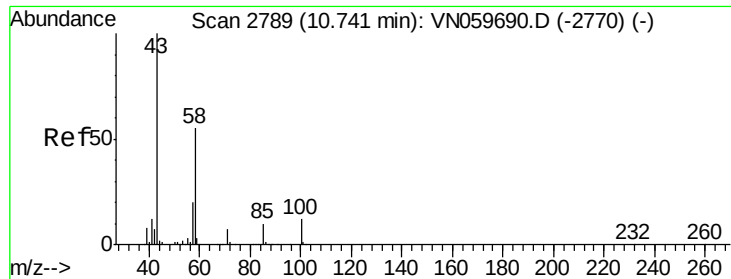
106 29.0 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

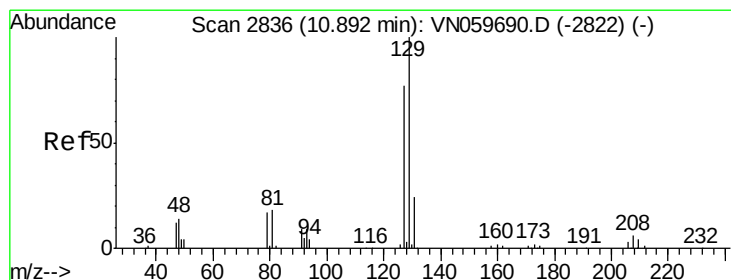
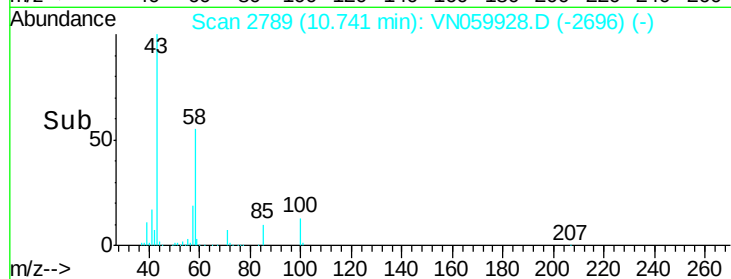
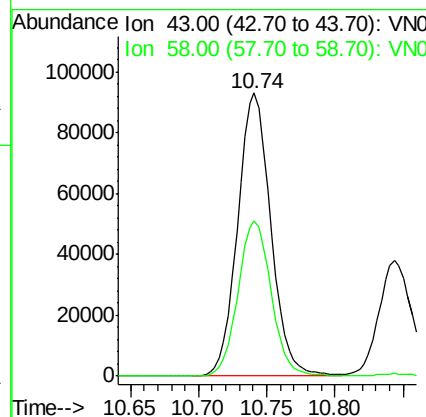
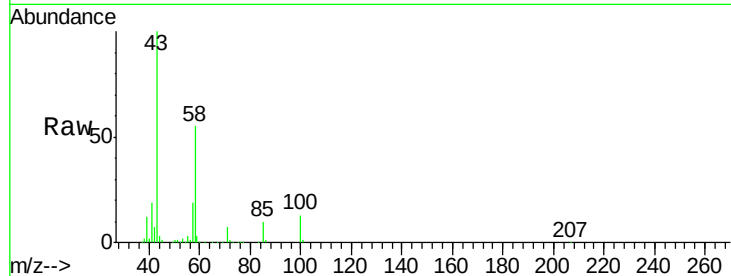




#59
2-Hexanone
Concen: 93.580 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

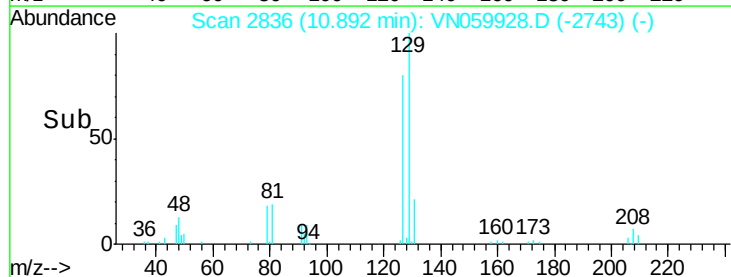
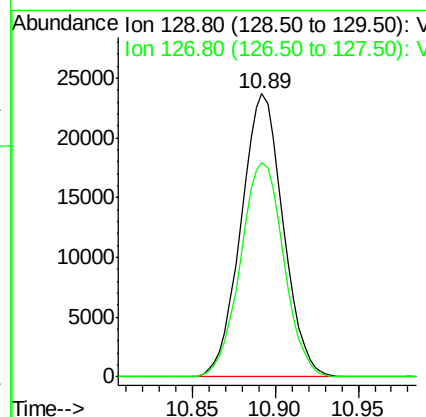
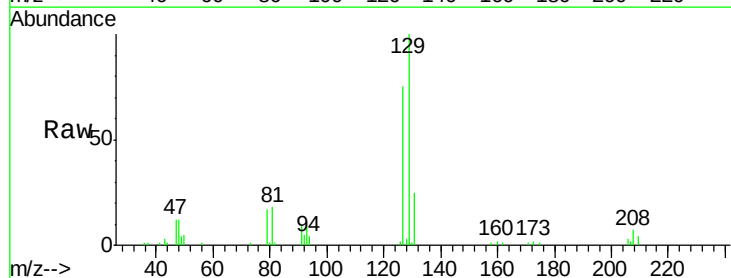
Instrument :
MSVOA_N
ClientSampleId :

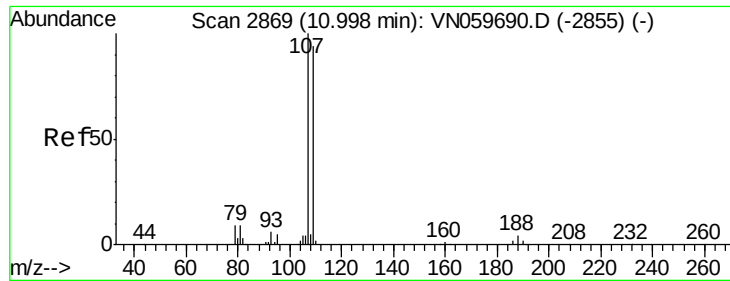
Tot Ion: 43 Resp: 156361
Ion Ratio Lower Upper
43 100
58 55.3 25.8 77.3



#60
Dibromochloromethane
Concen: 20.283 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion: 129 Resp: 41912
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

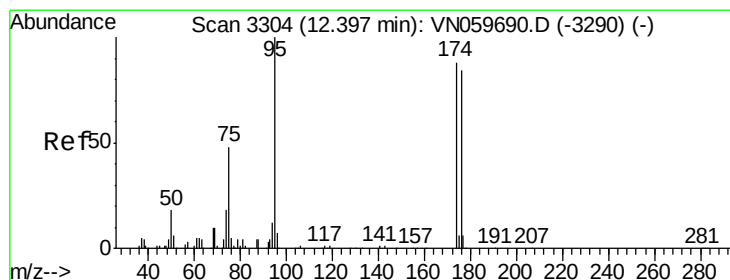
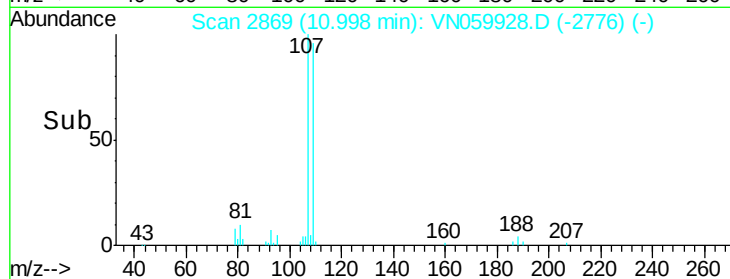
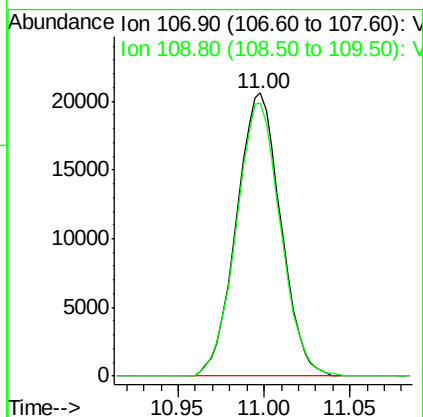
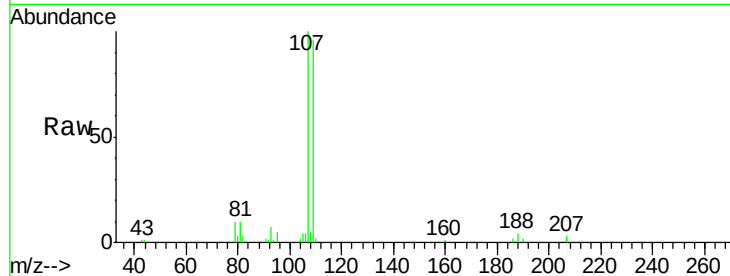




#61
 1,2-Dibromoethane
 Concen: 19.379 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

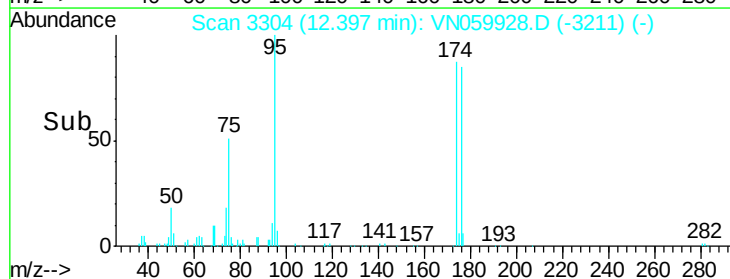
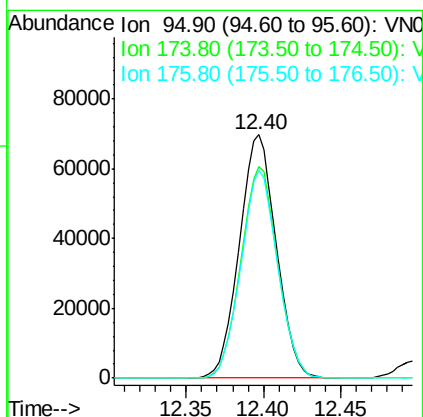
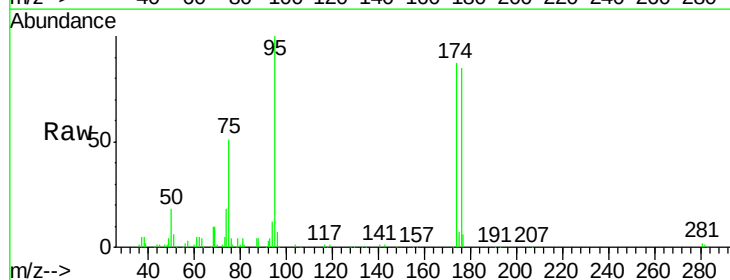
Instrument :
 MSVOA_N
 ClientSampleId :

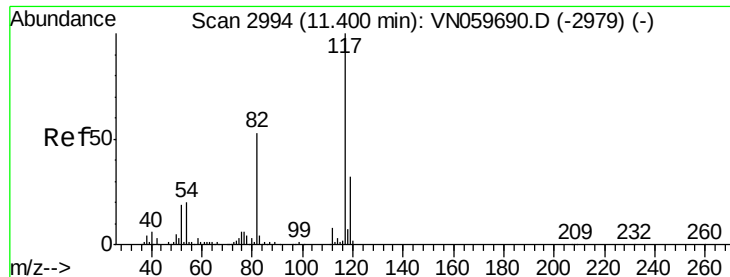
Tot Ion: 107 Resp: 36856
 Ion Ratio Lower Upper
 107 100
 109 97.0 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 49.743 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Tgt Ion: 95 Resp: 115715
 Ion Ratio Lower Upper
 95 100
 174 86.6 0.0 151.4
 176 84.9 0.0 146.0

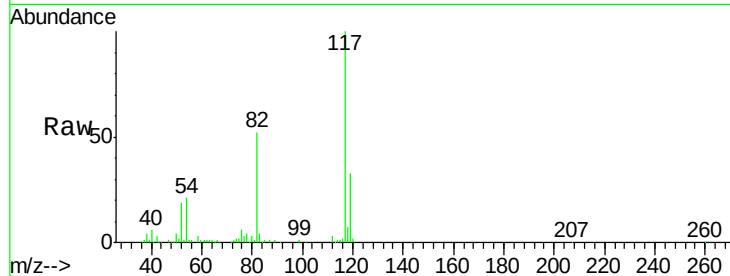




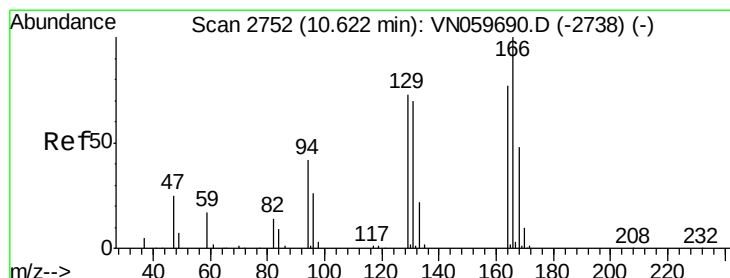
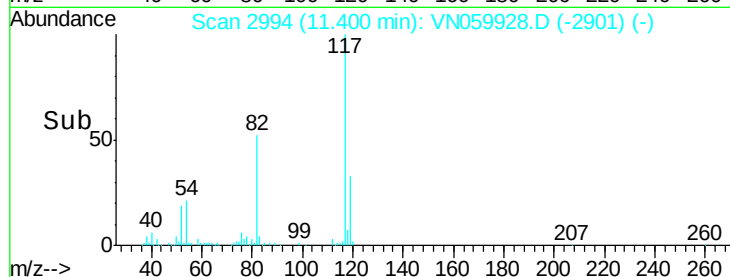
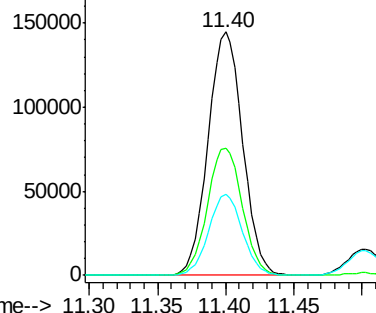
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 254931
Ion Ratio Lower Upper
117 100
82 52.5 45.9 68.9
119 33.1 25.5 38.3

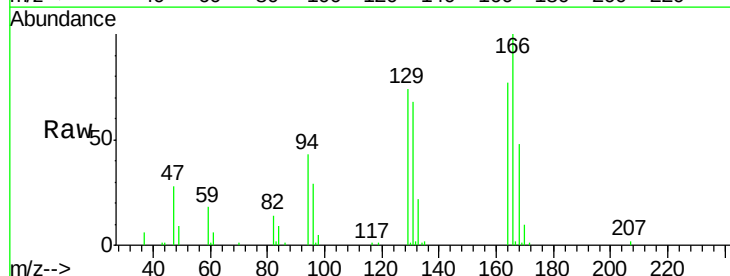


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

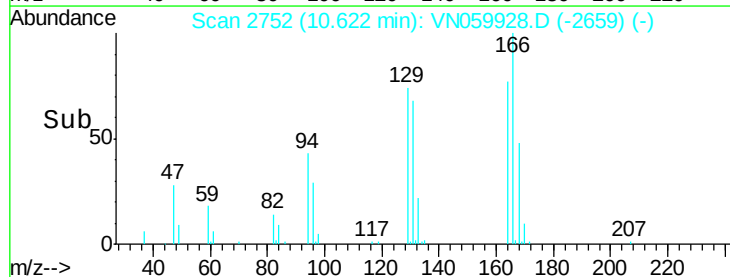
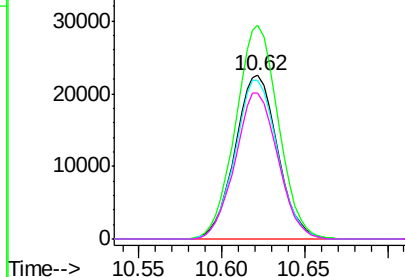


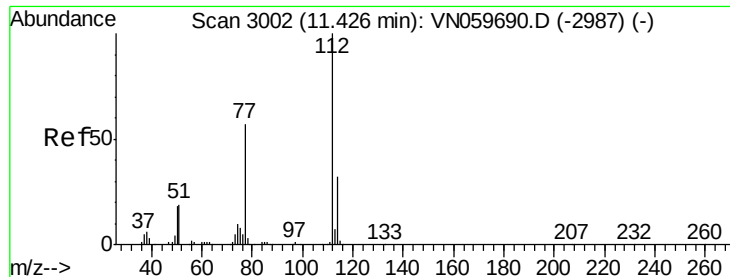
#64
Tetrachloroethene
Concen: 19.401 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion:164 Resp: 40310
Ion Ratio Lower Upper
164 100
166 130.5 101.4 152.0
129 97.2 80.2 120.4
131 89.2 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

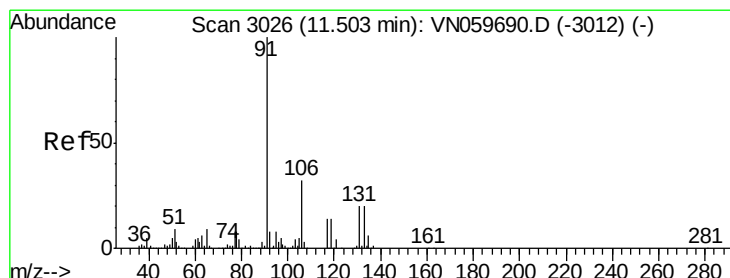
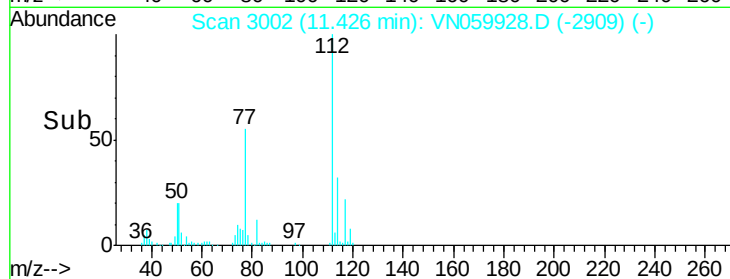
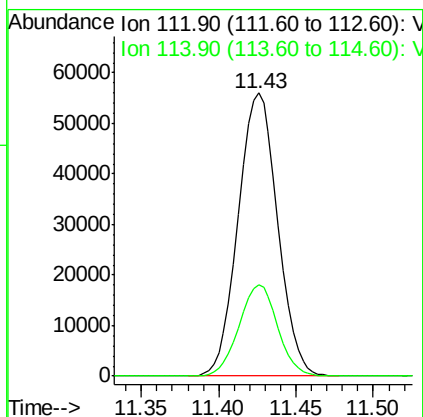
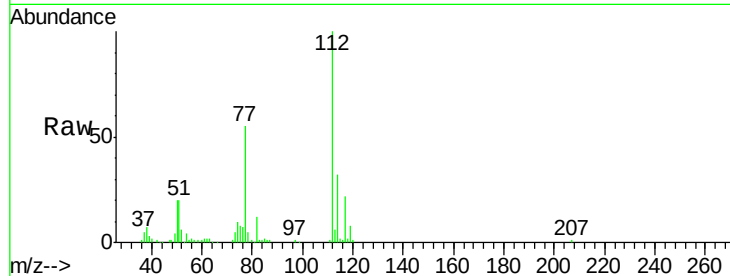




#65
Chlorobenzene
Concen: 19.856 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

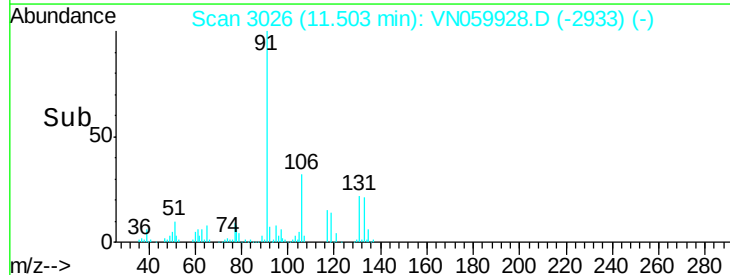
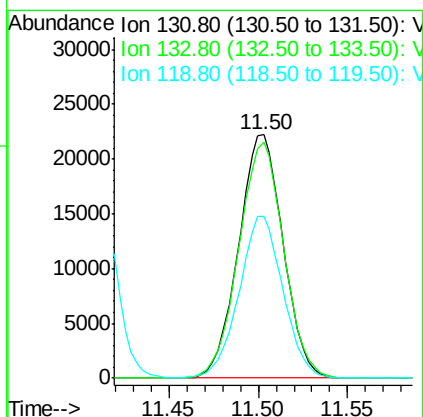
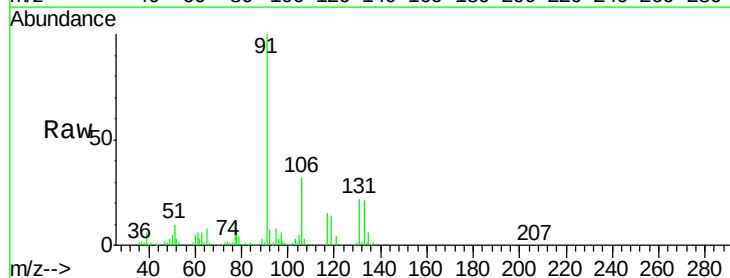
Instrument :
MSVOA_N
ClientSampleId :

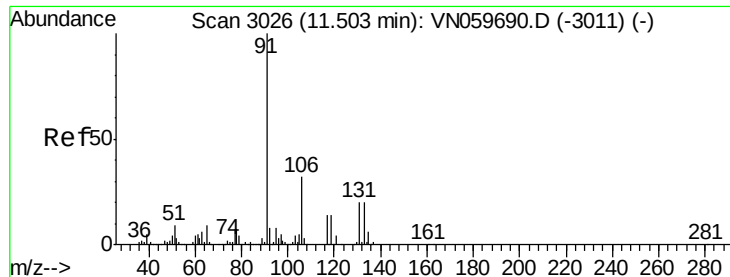
Tot Ion:112 Resp: 99496
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.017 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion:131 Resp: 38755
Ion Ratio Lower Upper
131 100
133 97.8 47.4 142.2
119 65.8 33.1 99.3





#67

Ethyl Benzene

Concen: 18.945 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

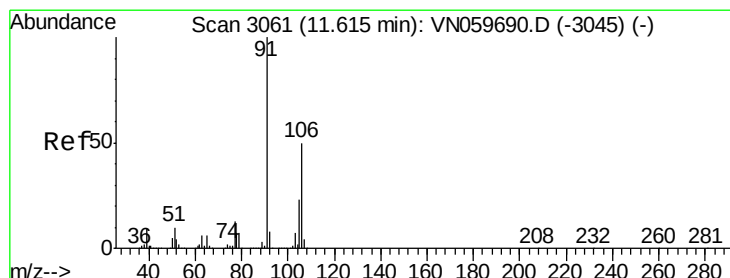
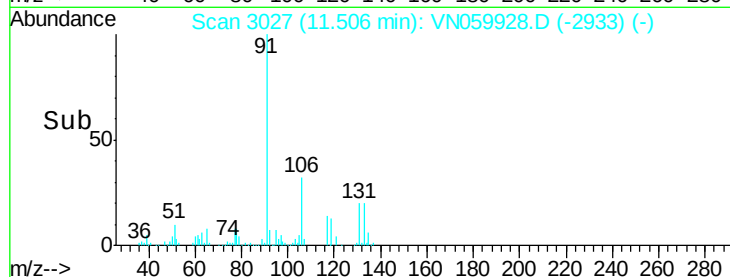
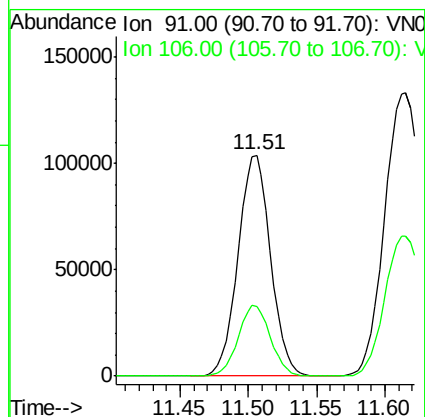
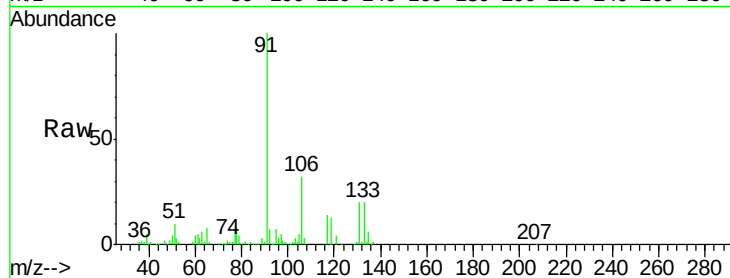
ClientSampled :

Tot Ion: 91 Resp: 172330

Ion Ratio Lower Upper

91 100

106 31.5 24.1 36.1



#68

m/p-Xylenes

Concen: 38.053 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059928.D

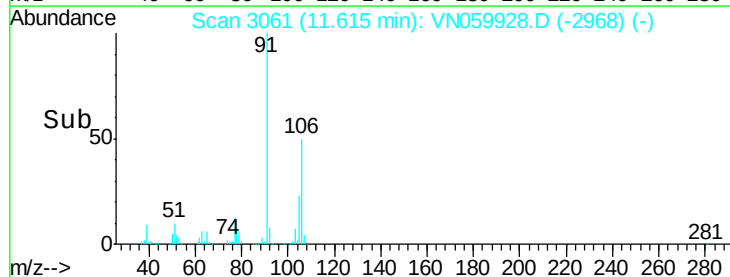
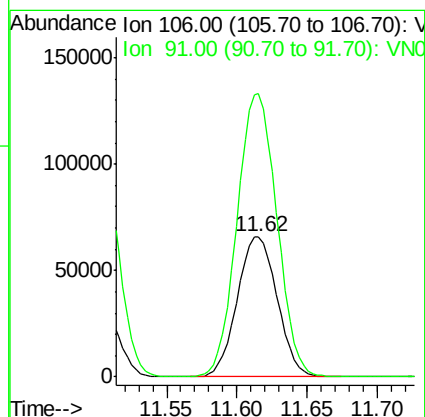
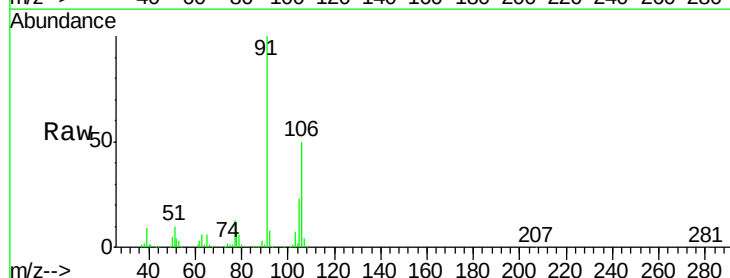
Acq: 30 Jan 2020 15:00

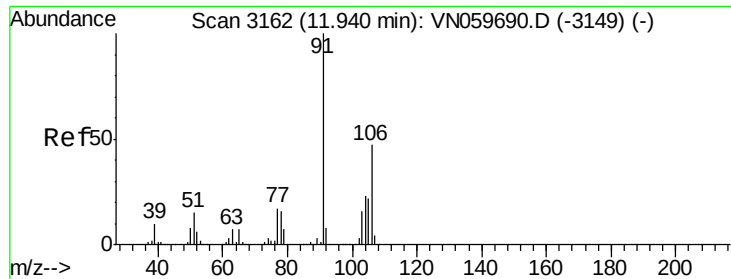
Tgt Ion: 106 Resp: 130748

Ion Ratio Lower Upper

106 100

91 201.8 167.9 251.9

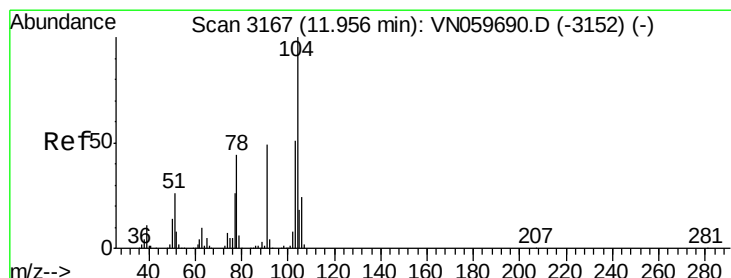
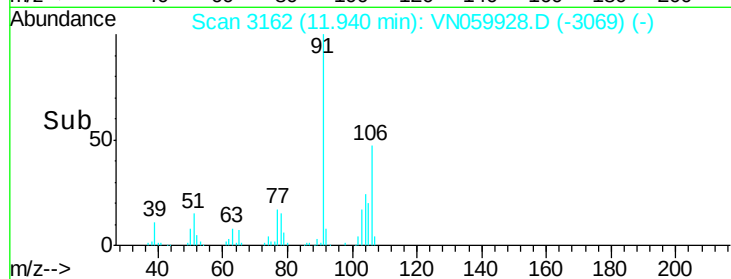
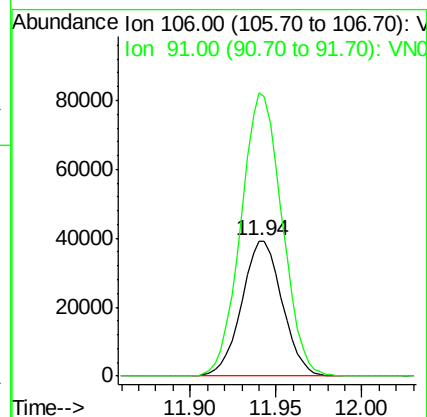
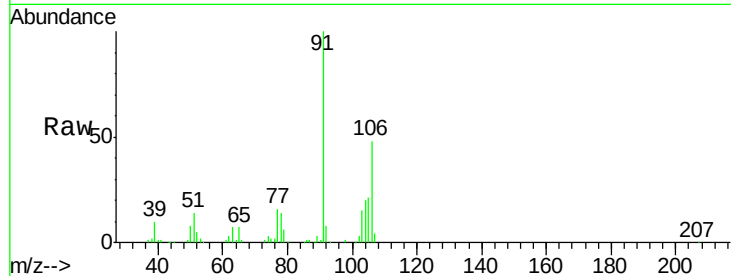




#69
o-Xylene
Concen: 19.140 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

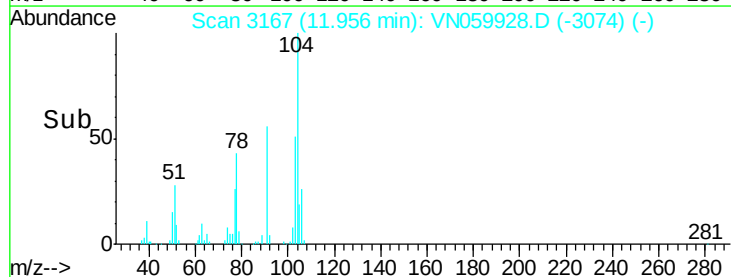
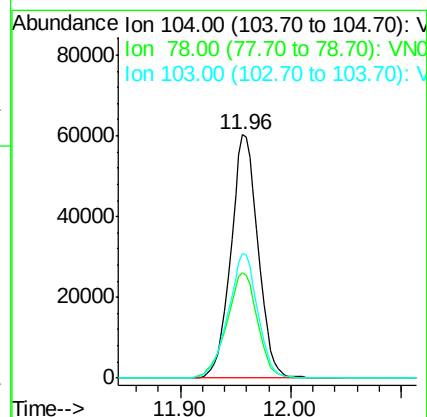
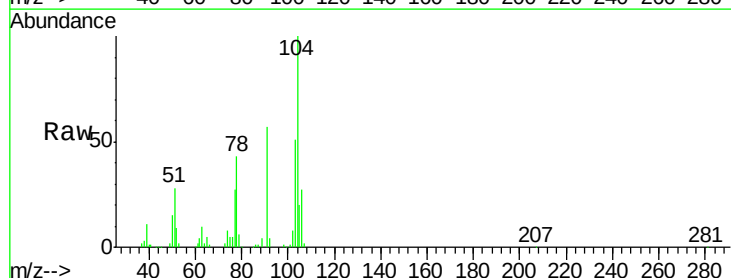
Instrument :
MSVOA_N
ClientSampled :

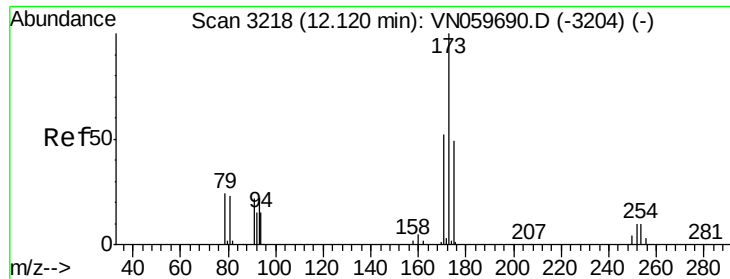
Tot Ion:106 Resp: 64385
Ion Ratio Lower Upper
106 100
91 212.3 110.3 330.9



#70
Styrene
Concen: 18.306 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion:104 Resp: 103045
Ion Ratio Lower Upper
104 100
78 48.6 42.4 63.6
103 55.4 43.9 65.9

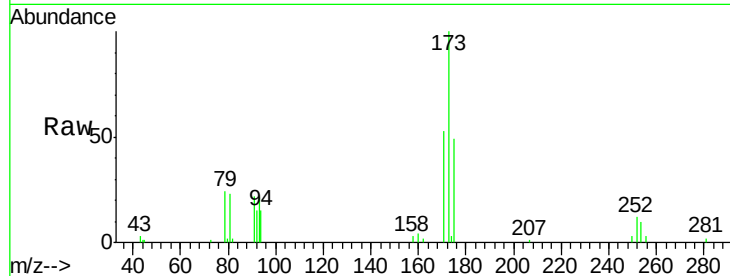




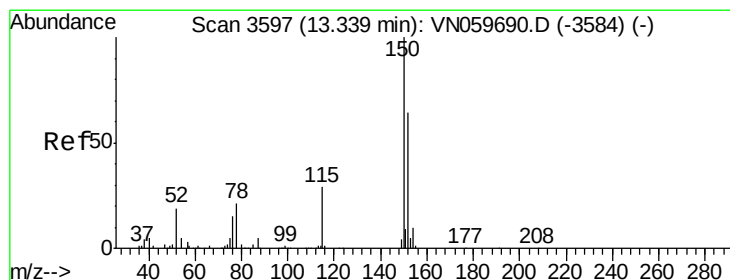
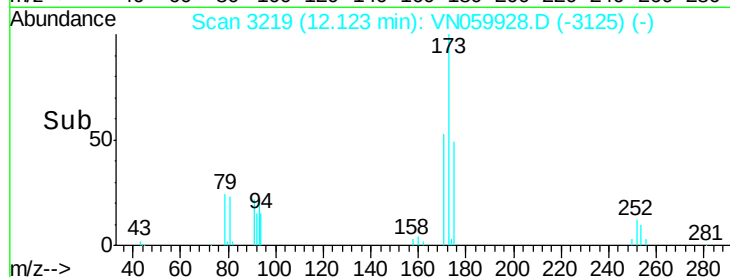
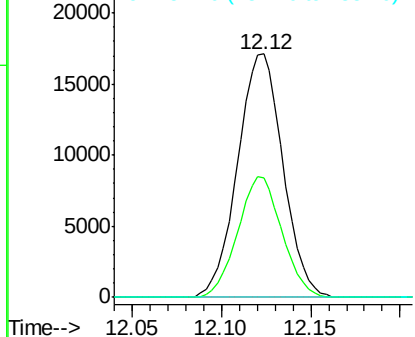
#71
Bromoform
Concen: 19.578 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 30363
Ion Ratio Lower Upper
173 100
175 48.2 23.8 71.4
254 0.0 0.0 0.0

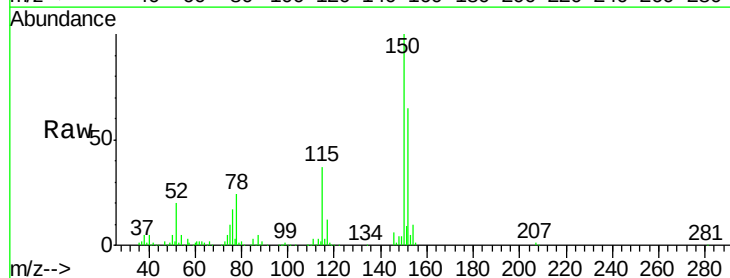


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

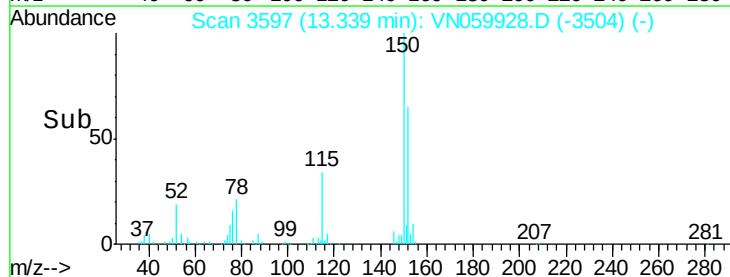
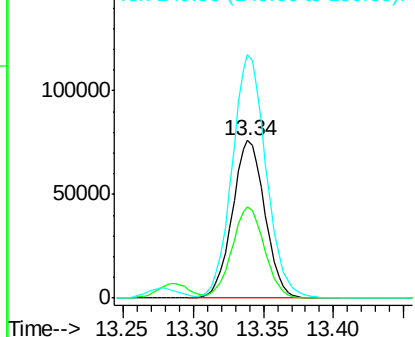


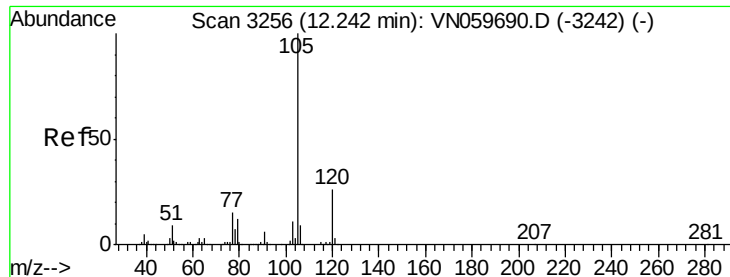
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion:152 Resp: 122643
Ion Ratio Lower Upper
152 100
115 57.8 30.3 90.9
150 160.2 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: 19.115 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

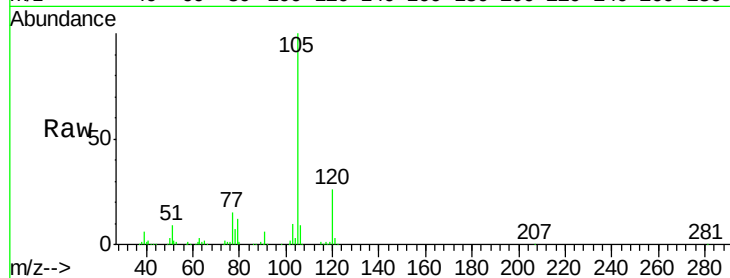
ClientSampleId :

Tot Ion:105 Resp: 171932

Ion Ratio Lower Upper

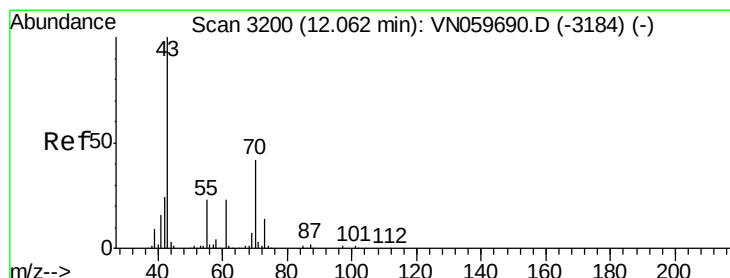
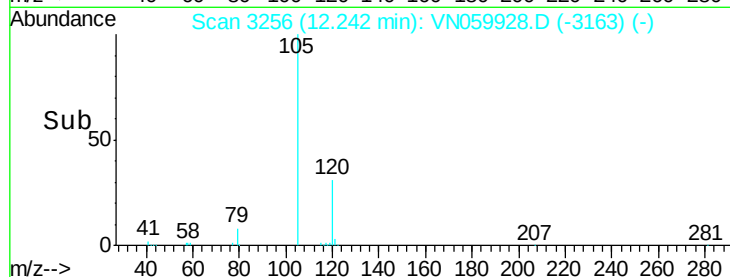
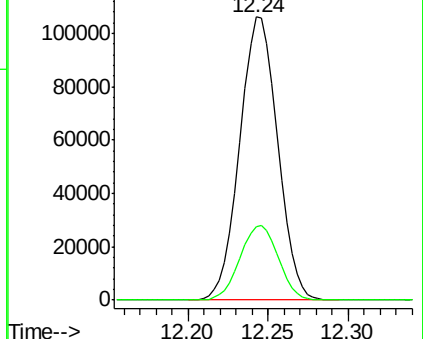
105 100

120 26.7 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: 17.544 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Tgt Ion: 43 Resp: 61231

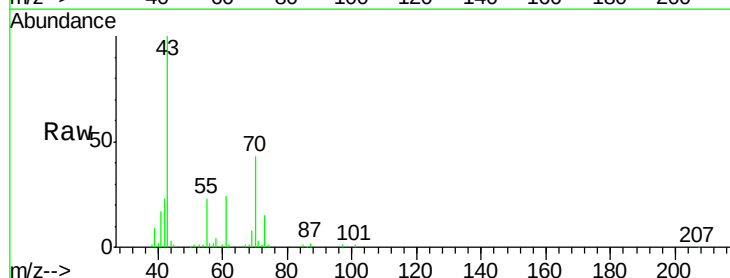
Ion Ratio Lower Upper

43 100

70 42.9 31.3 46.9

55 23.7 19.8 29.6

61 24.2 18.3 27.5

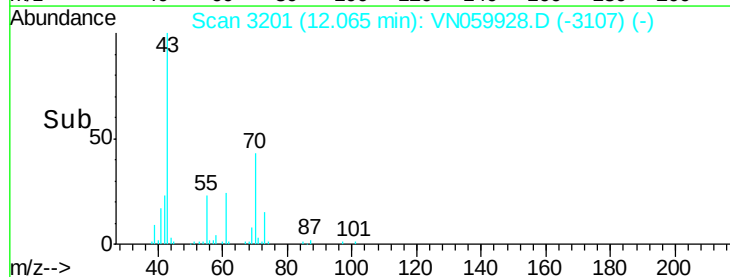
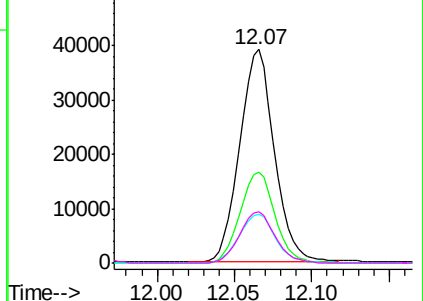


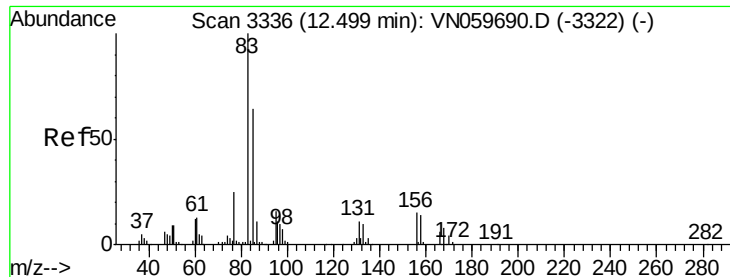
Abundance Ion 43.00 (42.70 to 43.70): V

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: 19.356 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

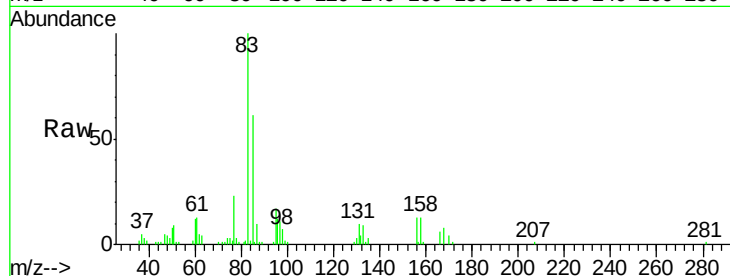
Tot Ion: 83 Resp: 50471

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

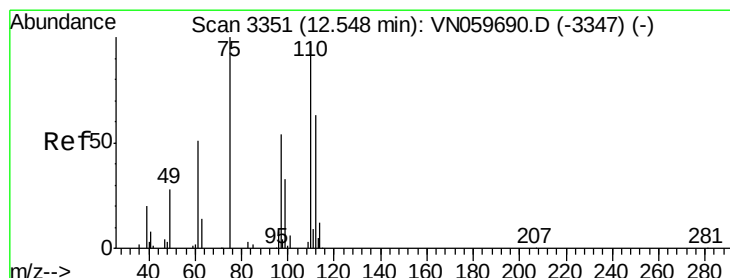
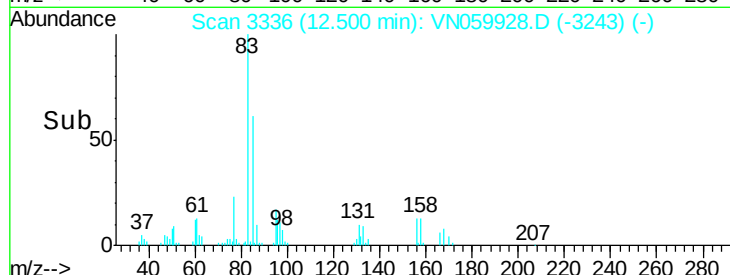
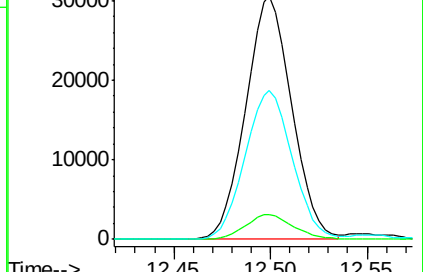
85 62.9 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN059928.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN059928.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN059928.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 32.339 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059928.D

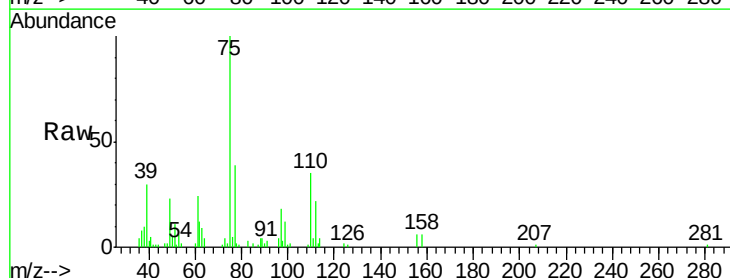
Acq: 30 Jan 2020 15:00

Tgt Ion: 75 Resp: 66746

Ion Ratio Lower Upper

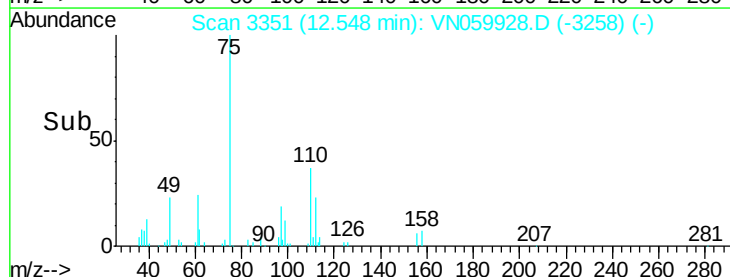
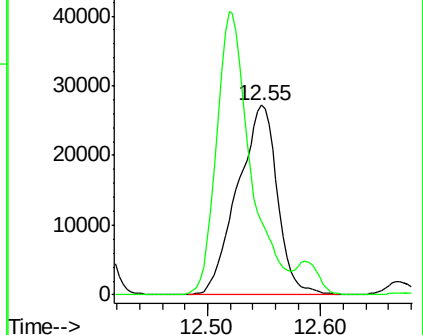
75 100

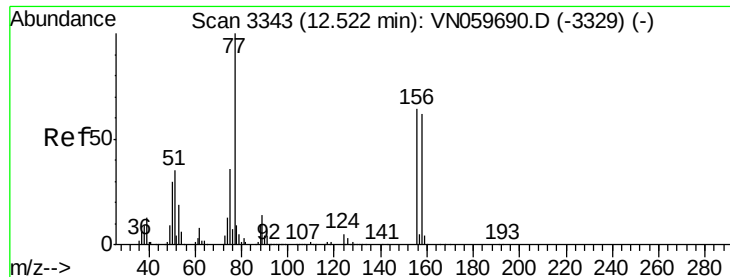
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059928.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN059928.D (-3258) (-)





#77

Bromobenzene

Concen: 19.213 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

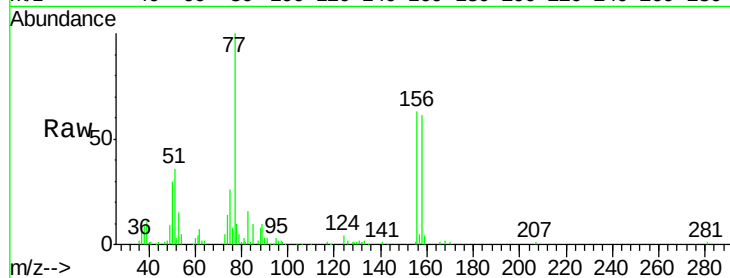
Tot Ion:156 Resp: 43763

Ion Ratio Lower Upper

156 100

77 193.7 115.8 347.4

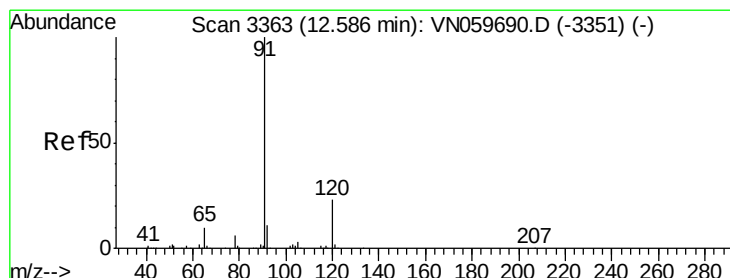
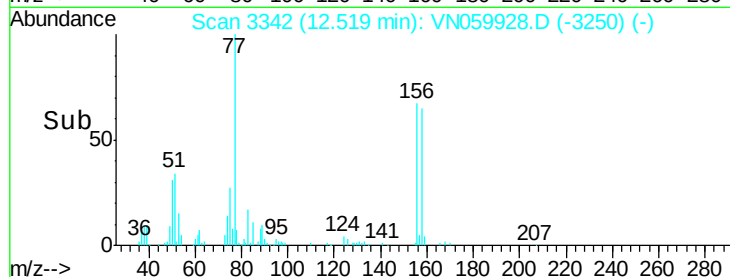
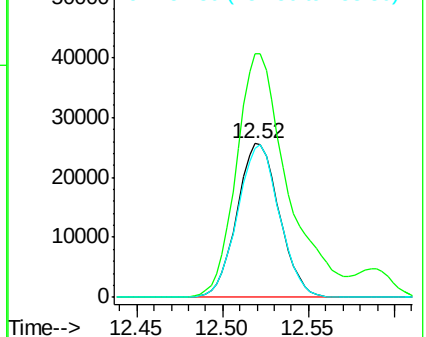
158 97.9 49.2 147.6



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: 19.015 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059928.D

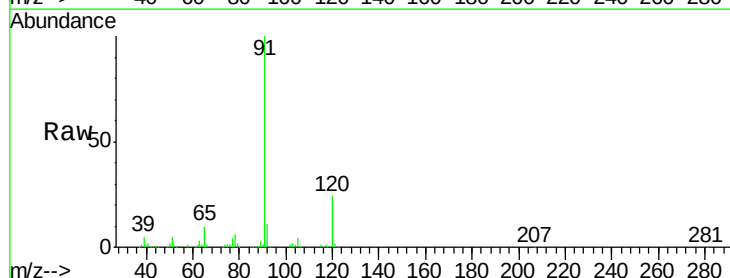
Acq: 30 Jan 2020 15:00

Tgt Ion: 91 Resp: 191964

Ion Ratio Lower Upper

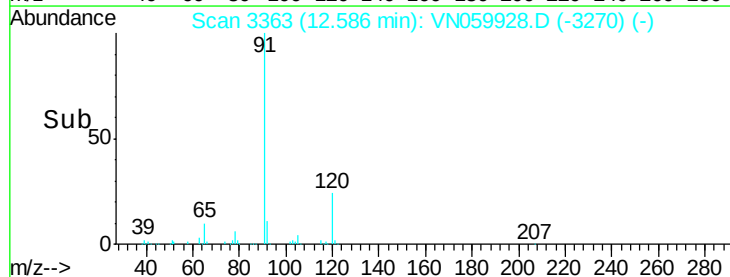
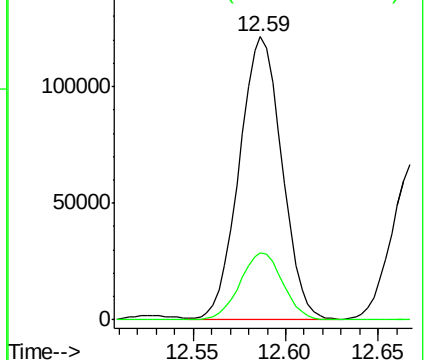
91 100

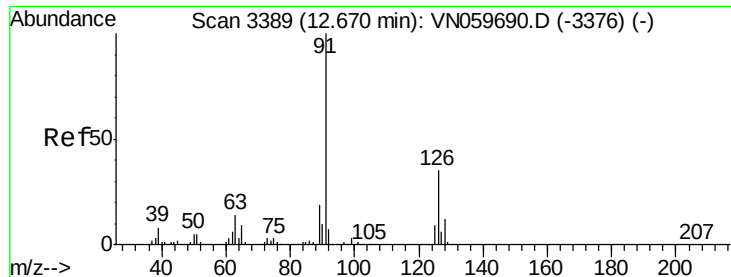
120 23.9 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.933 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

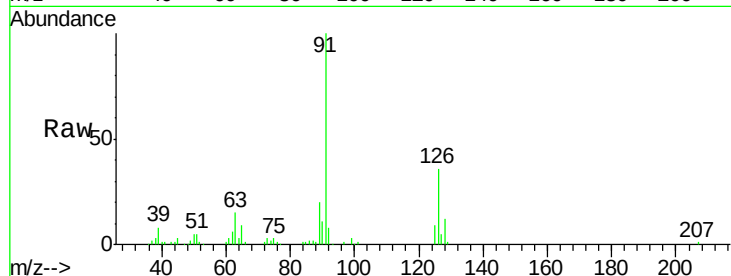
ClientSampled :

Tot Ion: 91 Resp: 113707

Ion Ratio Lower Upper

91 100

126 35.3 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN059928.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN059928.D (-3376) (-)

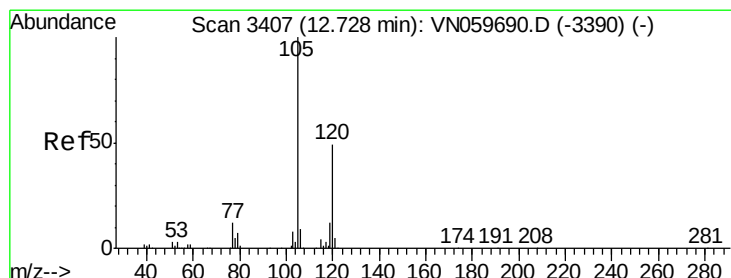
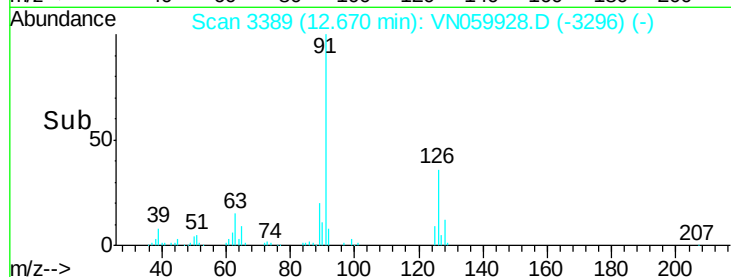
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.895 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059928.D

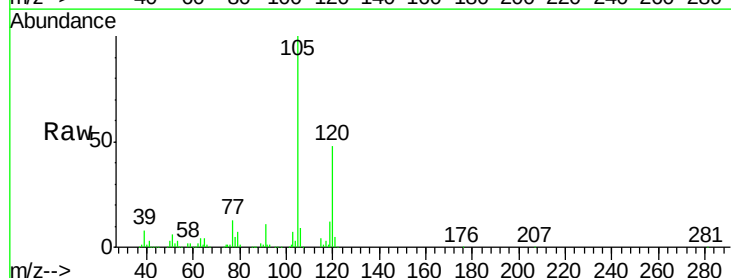
Acq: 30 Jan 2020 15:00

Tgt Ion: 105 Resp: 142933

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059928.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN059928.D (-3390) (-)

100000

80000

60000

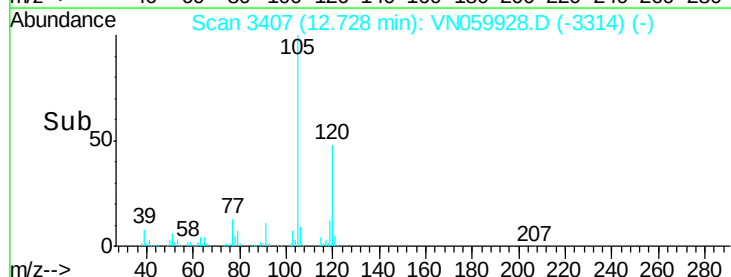
40000

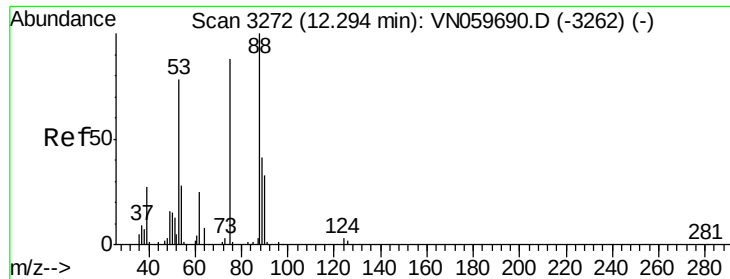
20000

0

12.65 12.70 12.75 12.80

Time-->

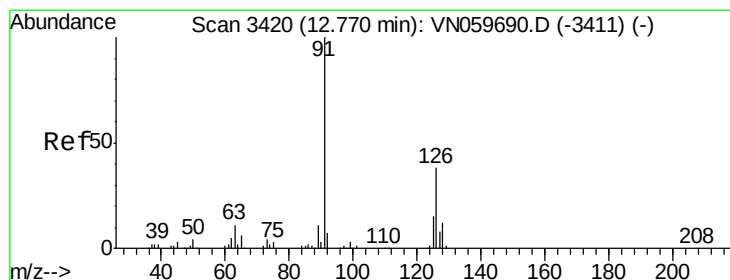
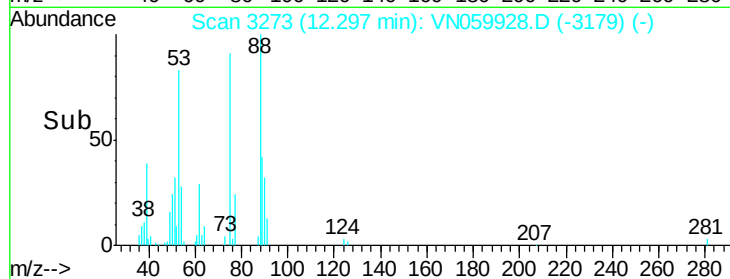
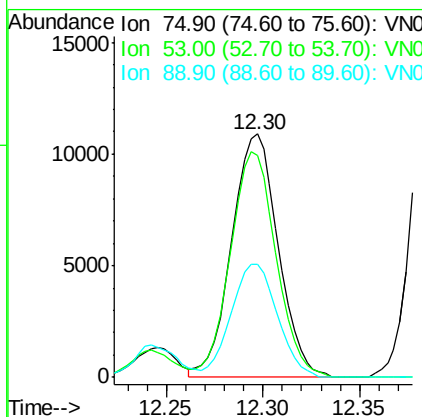
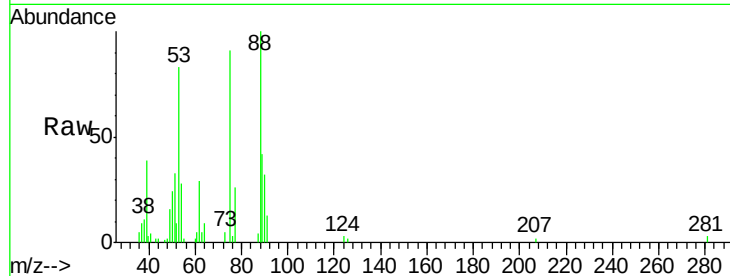




#81
trans-1,4-Dichloro-2-butene
Concen: 18.962 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

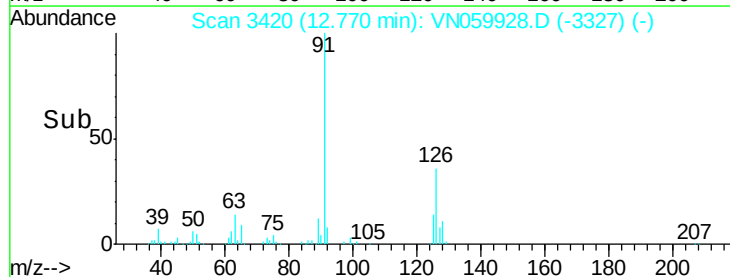
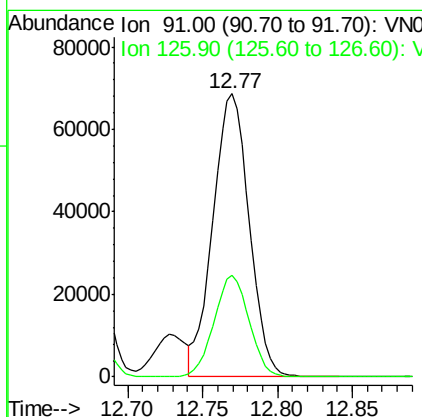
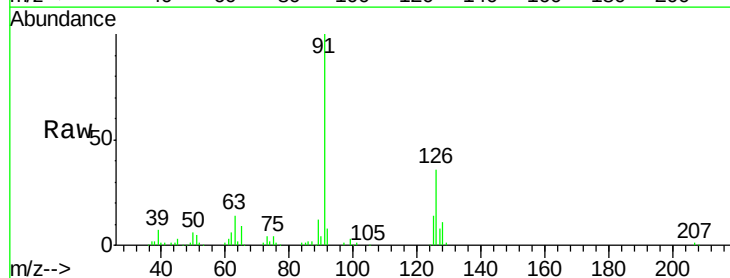
Instrument :
MSVOA_N
ClientSampleId :

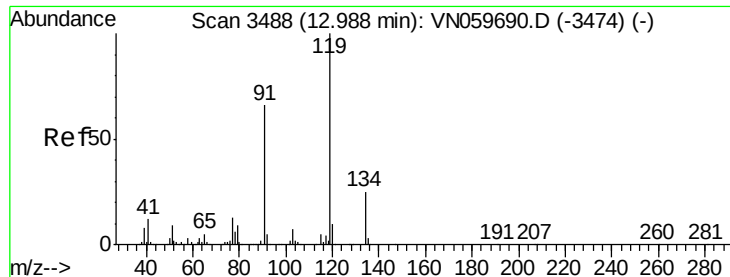
Tot Ion: 75 Resp: 18224
Ion Ratio Lower Upper
75 100
53 91.2 78.1 117.1
89 46.3 35.4 53.2



#82
4-Chlorotoluene
Concen: 19.272 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion: 91 Resp: 116094
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8





#83

tert-Butylbenzene

Concen: 19.170 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

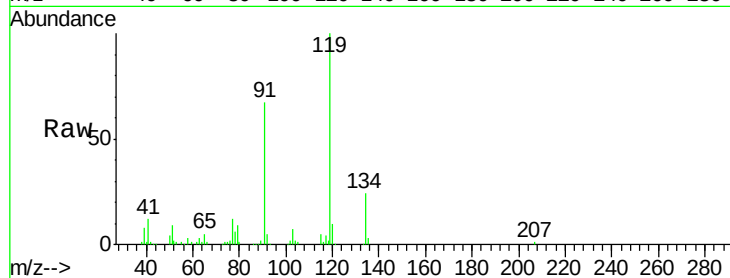
Tot Ion:119 Resp: 125419

Ion Ratio Lower Upper

119 100

91 64.5 34.8 104.4

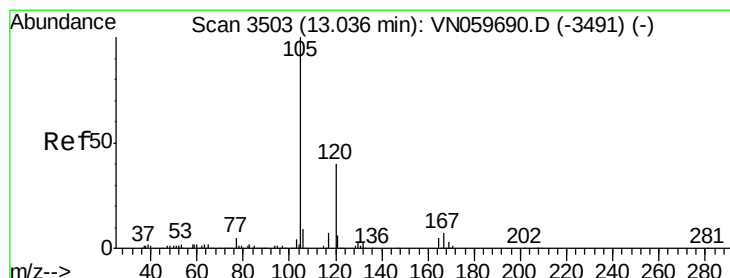
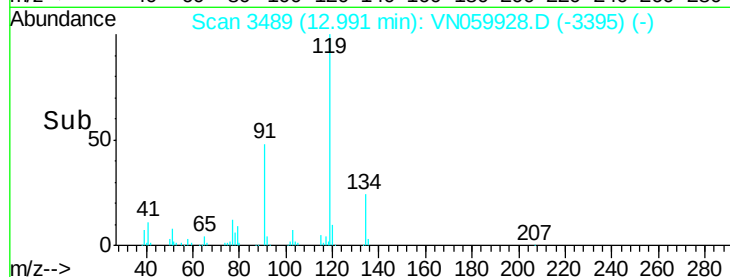
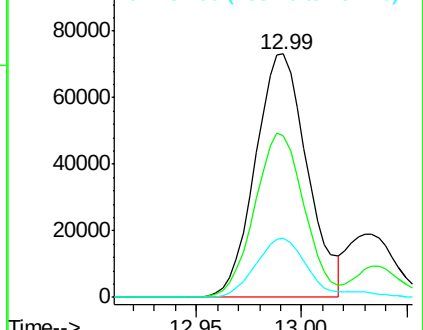
134 23.6 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.173 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN059928.D

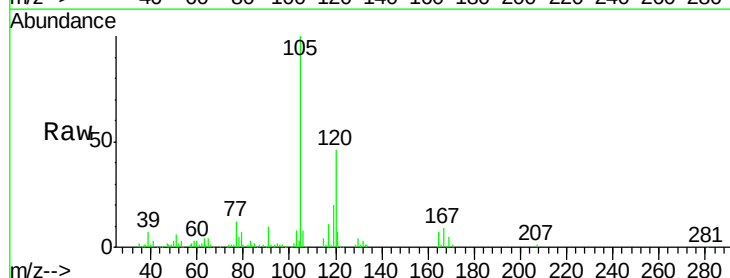
Acq: 30 Jan 2020 15:00

Tgt Ion:105 Resp: 143484

Ion Ratio Lower Upper

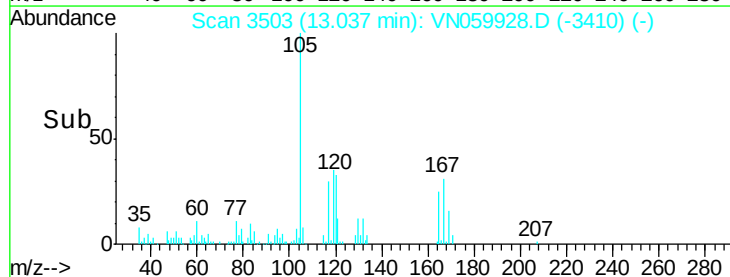
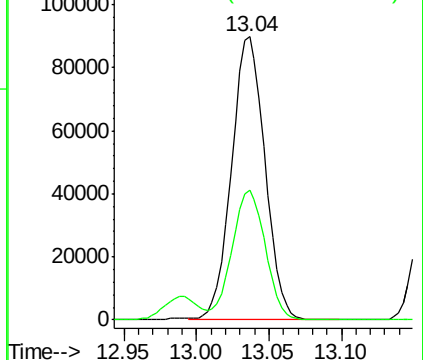
105 100

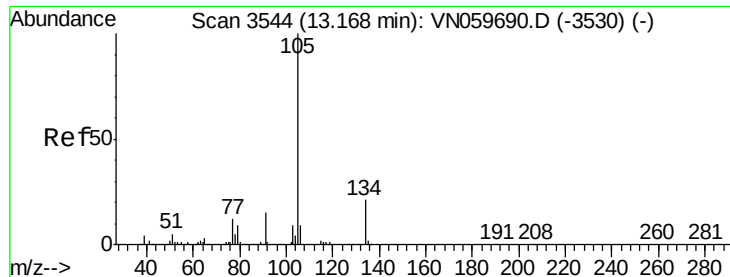
120 45.5 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.932 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

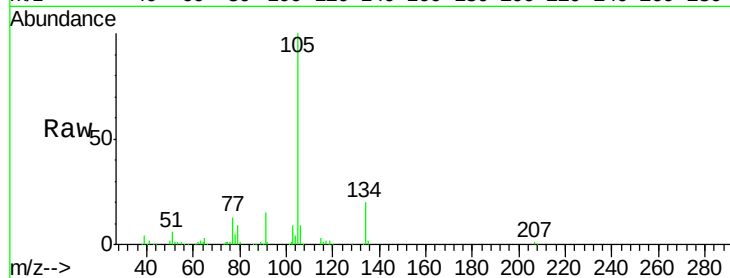
ClientSampleId :

Tot Ion:105 Resp: 162735

Ion Ratio Lower Upper

105 100

134 20.2 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

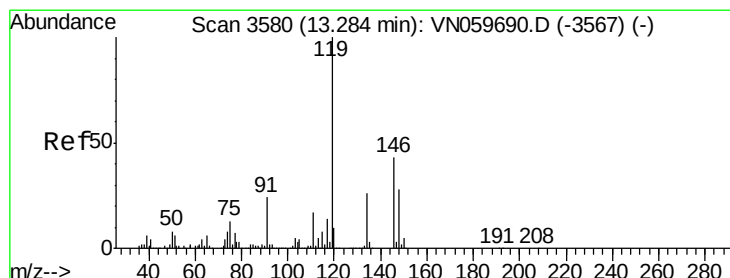
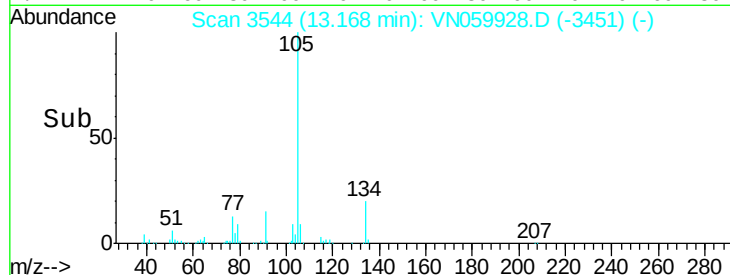
40000

20000

0

13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 18.850 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

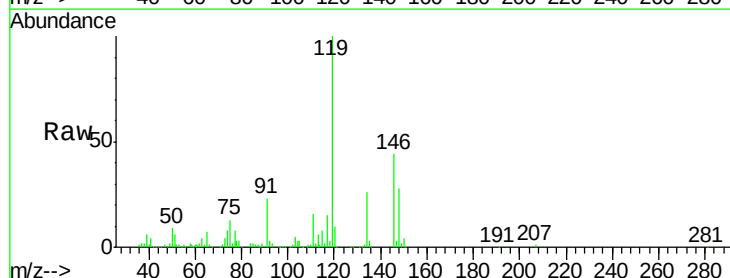
Tgt Ion:119 Resp: 149923

Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.7

91 23.5 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

120000

100000

80000

60000

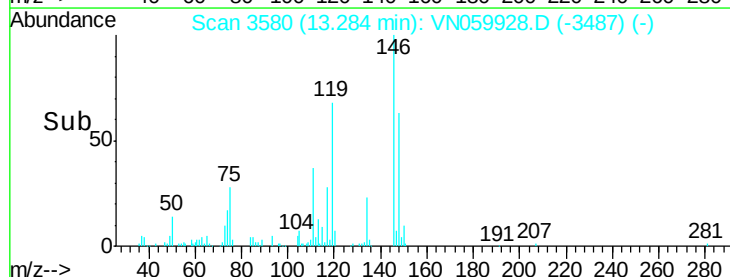
40000

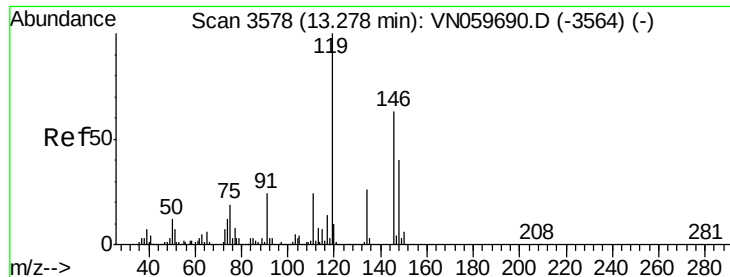
20000

0

13.20 13.25 13.30 13.35

Time-->

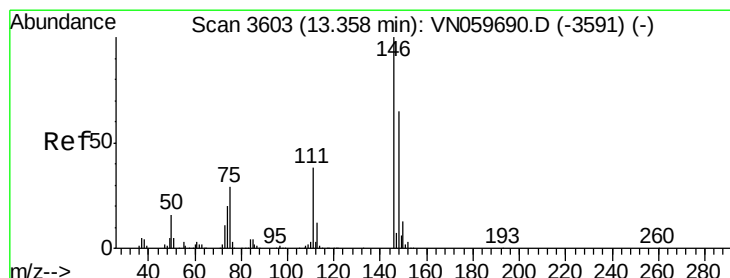
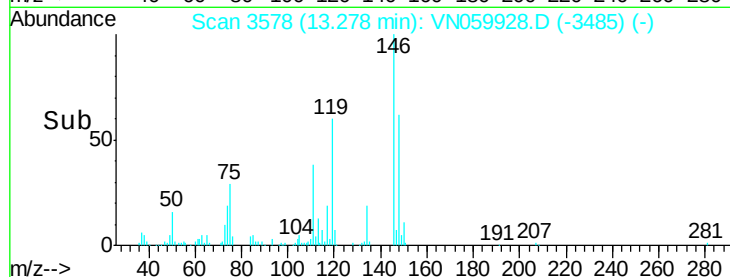
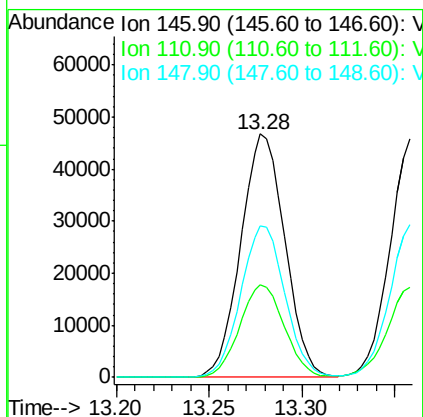
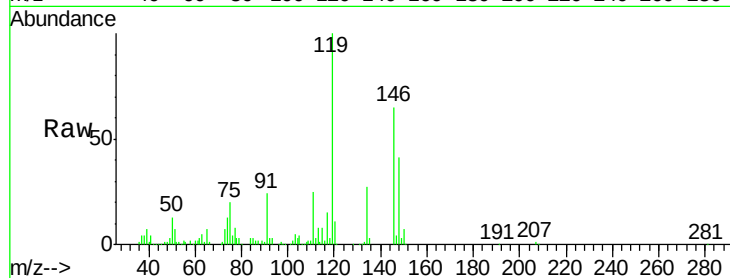




#87
 1,3-Dichlorobenzene
 Concen: 19.501 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

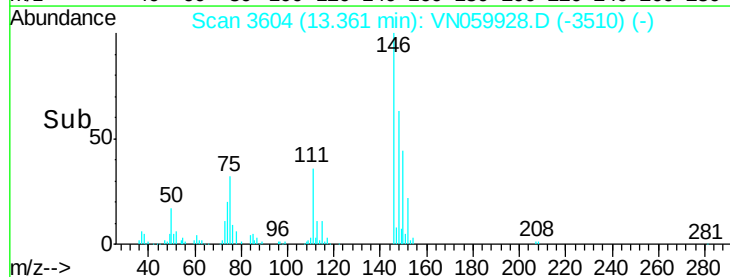
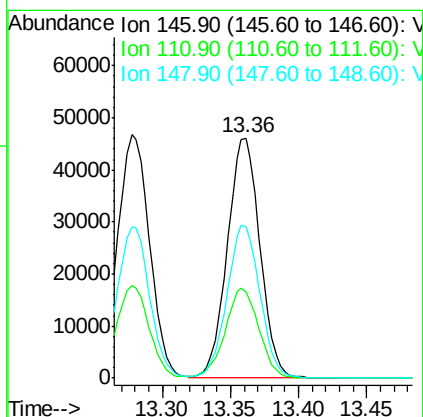
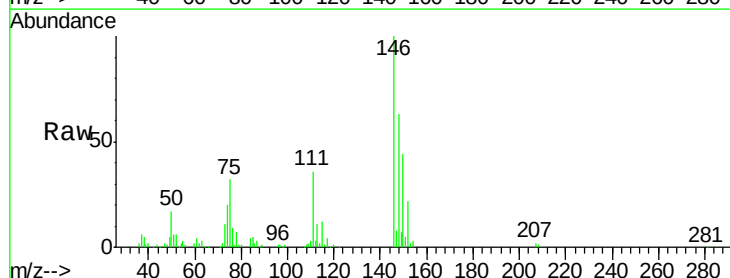
Instrument :
 MSVOA_N
 ClientSampled :

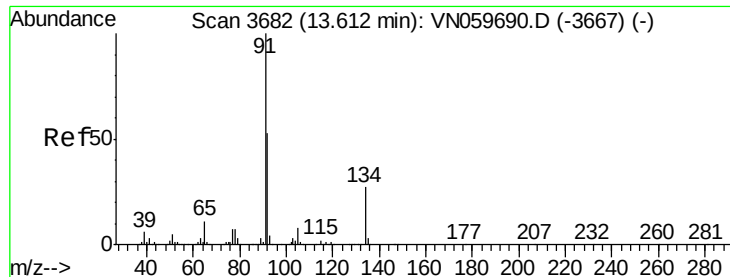
Tot Ion:146 Resp: 77156
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.8 62.2
 148 62.4 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.407 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Tgt Ion:146 Resp: 76603
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.8 62.2
 148 64.6 31.8 95.4





#89

n-Butylbenzene

Concen: 18.889 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN059928.D

Acq: 30 Jan 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

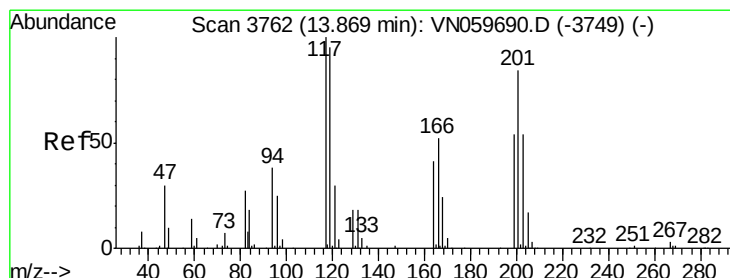
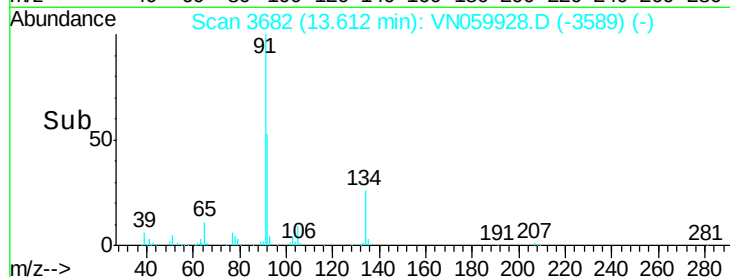
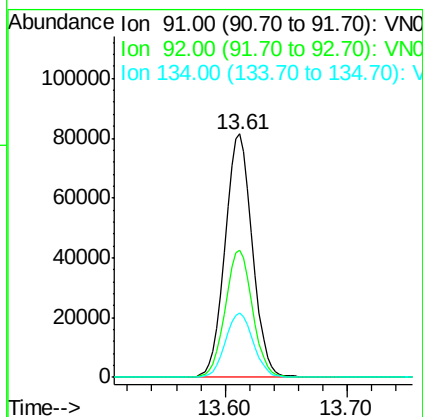
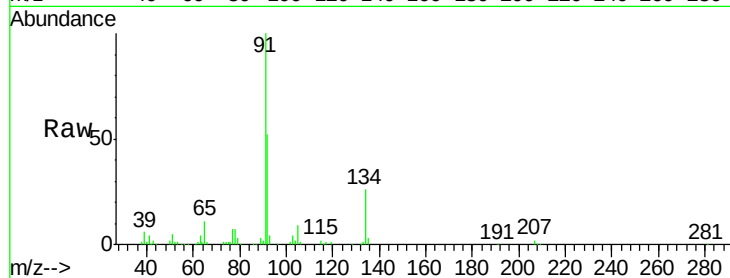
Tot Ion: 91 Resp: 128091

Ion Ratio Lower Upper

91 100

92 52.0 25.9 77.7

134 26.9 12.3 36.8



#90

Hexachloroethane

Concen: 18.268 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN059928.D

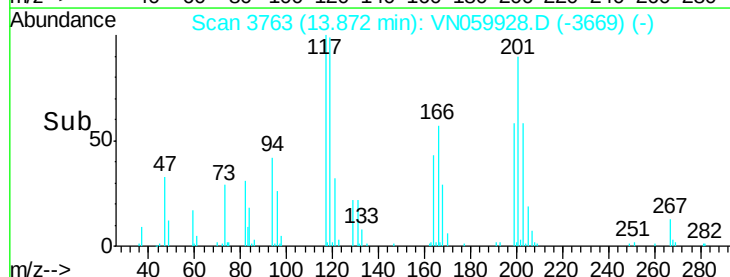
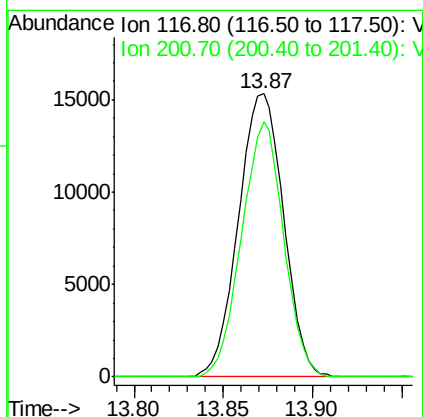
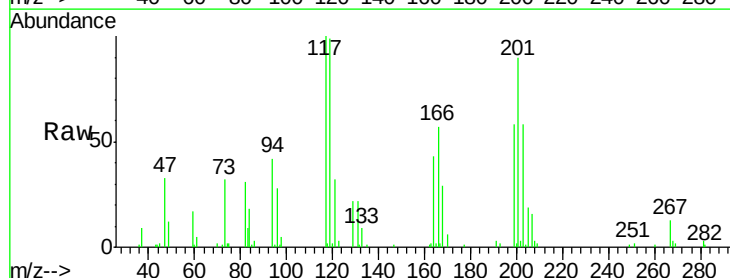
Acq: 30 Jan 2020 15:00

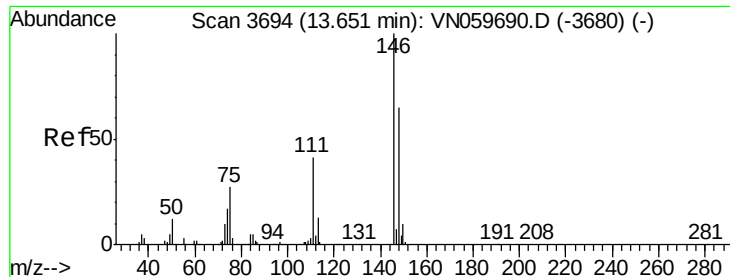
Tgt Ion: 117 Resp: 27185

Ion Ratio Lower Upper

117 100

201 83.9 37.8 113.4

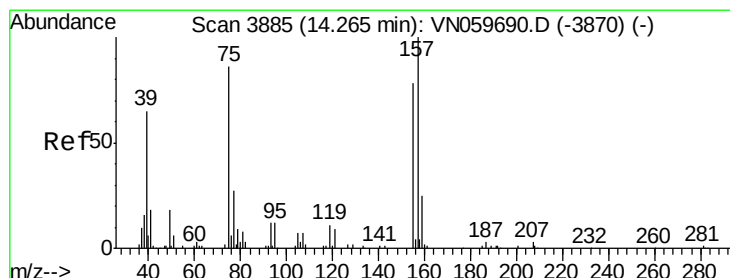
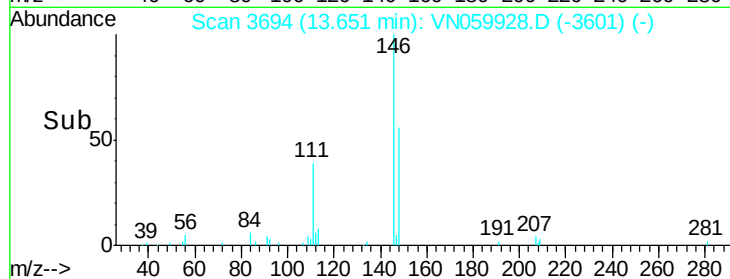
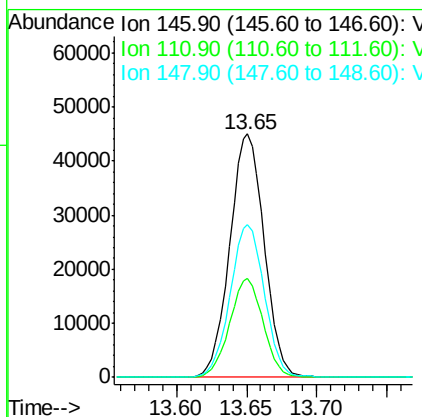
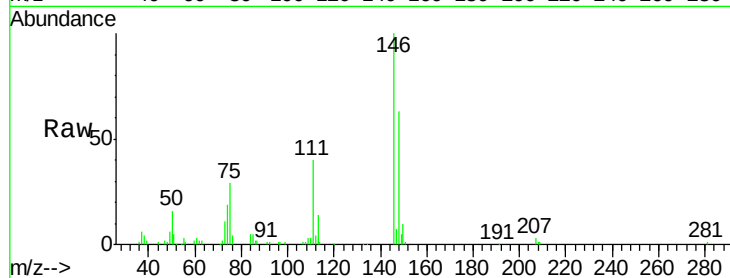




#91
 1,2-Dichlorobenzene
 Concen: 19.629 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

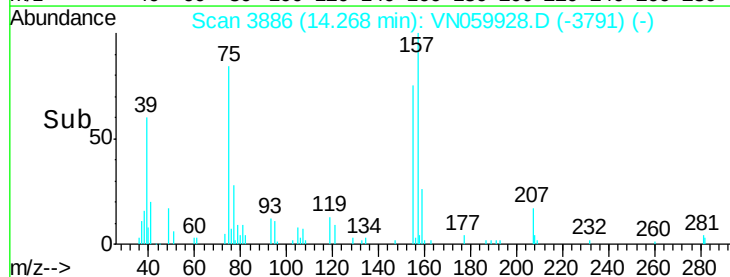
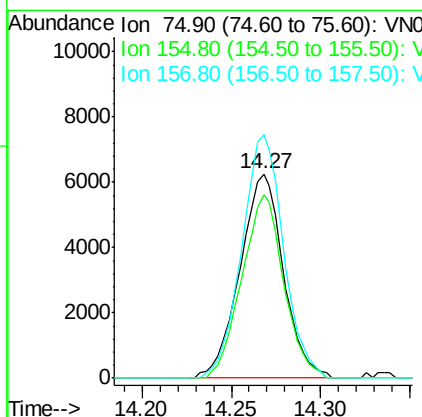
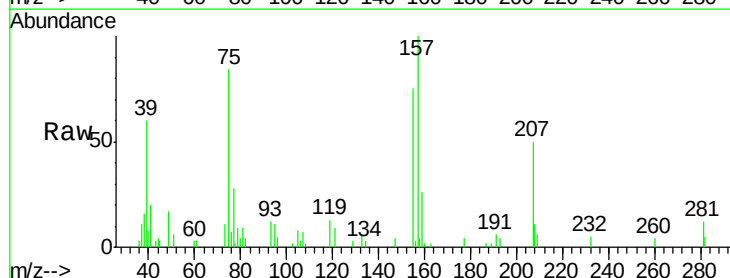
Instrument :
 MSVOA_N
 ClientSampled :

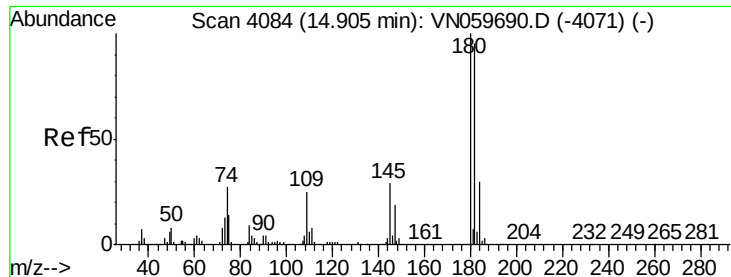
Tot Ion:146 Resp: 76781
 Ion Ratio Lower Upper
 146 100
 111 39.4 21.6 64.8
 148 62.5 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.543 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Tgt Ion: 75 Resp: 10577
 Ion Ratio Lower Upper
 75 100
 155 86.4 37.0 110.9
 157 114.9 48.4 145.2

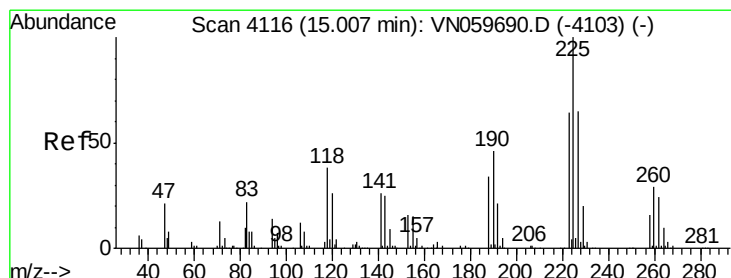
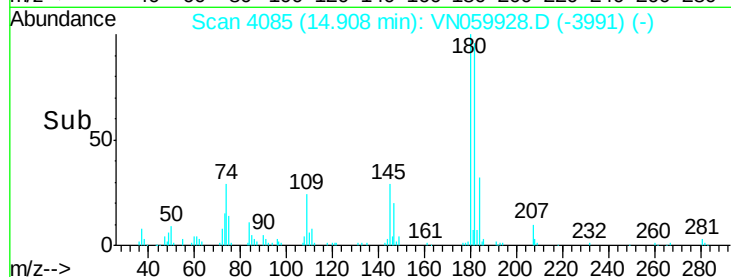
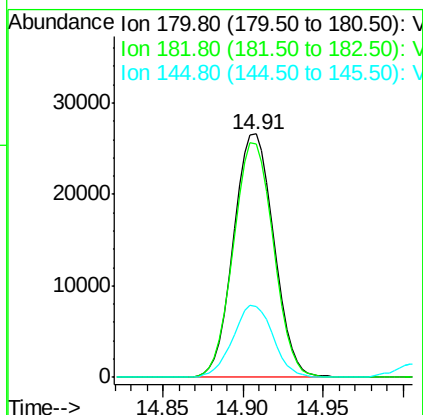
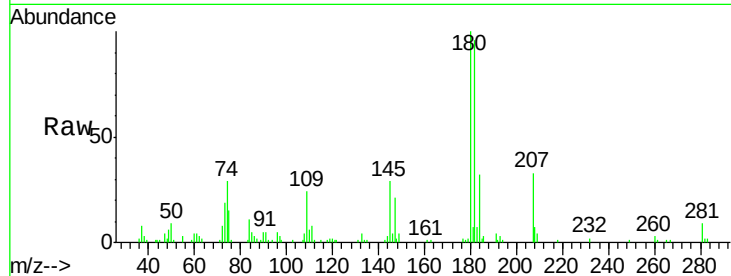




#93
 1,2,4-Trichlorobenzene
 Concen: 19.443 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

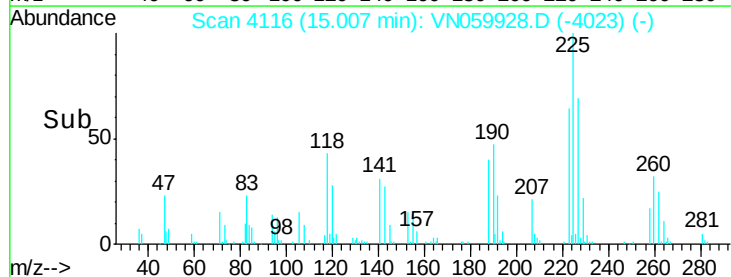
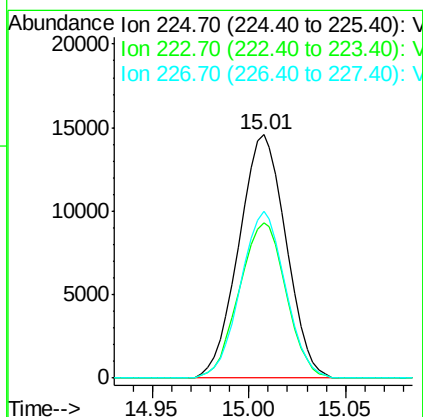
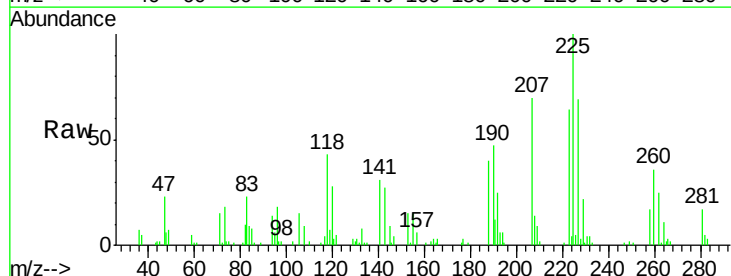
Instrument :
 MSVOA_N
 ClientSampleId :

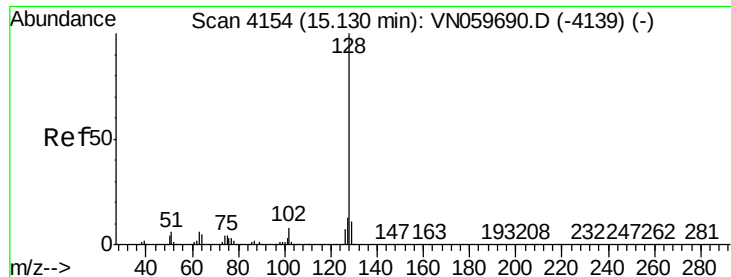
Tot Ion:180 Resp: 45699
 Ion Ratio Lower Upper
 180 100
 182 95.6 46.9 140.7
 145 29.5 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 19.101 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059928.D
 Acq: 30 Jan 2020 15:00

Tgt Ion:225 Resp: 24740
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.8 95.3
 227 65.0 32.1 96.5

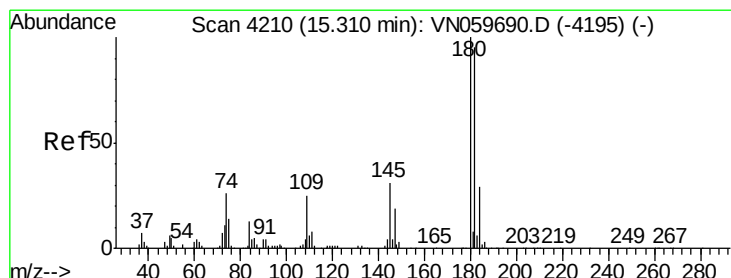
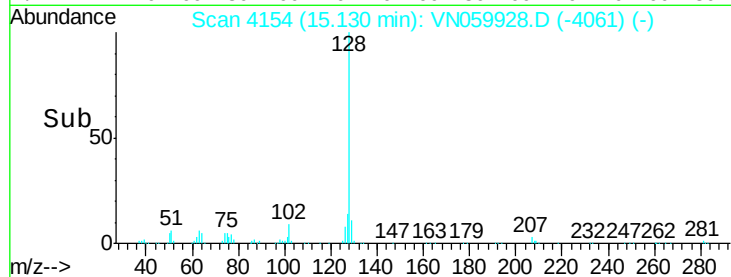
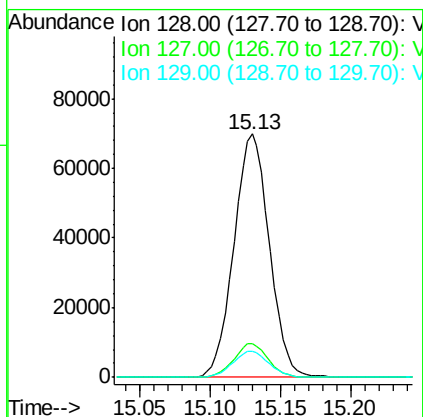
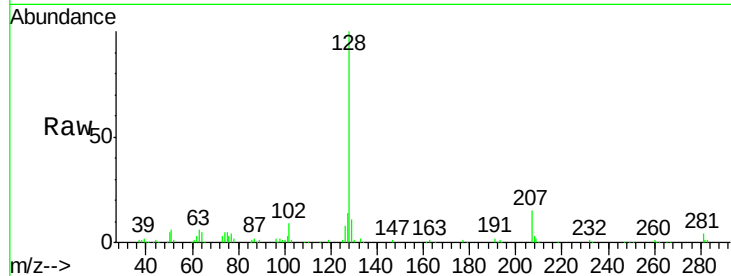




#95
Naphthalene
Concen: 18.404 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 123037
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.430 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059928.D
Acq: 30 Jan 2020 15:00

Tgt Ion:180 Resp: 44451
Ion Ratio Lower Upper
180 100
182 96.5 47.4 142.3
145 33.3 16.3 48.9

