

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042220\
 Data File : VN061133.D
 Acq On : 22 Apr 2020 17:39
 Operator : JC/MD
 Sample : VN0422WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS01

Quant Time: Apr 29 13:40:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 15:26:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.40	168	196232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.35	114	320712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.21	117	294774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.15	152	142819	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.77	65	129237	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
35) Dibromofluoromethane	7.31	113	94052	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
50) Toluene-d8	9.88	98	388805	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.21	95	143641	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.72	85	37815	20.72	ug/l	99
3) Chloromethane	1.91	50	41883	18.79	ug/l	100
4) Vinyl Chloride	2.03	62	51021	18.86	ug/l	95
5) Bromomethane	2.39	94	25127	19.11	ug/l	98
6) Chloroethane	2.52	64	26354	18.44	ug/l	99
7) Trichlorofluoromethane	2.82	101	58765	20.38	ug/l	97
8) Diethyl Ether	3.18	74	24626	18.49	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.51	101	38067	19.76	ug/l	99
10) Methyl Iodide	3.69	142	53889	19.39	ug/l	99
11) Tert butyl alcohol	4.44	59	25354	75.62	ug/l	98
12) 1,1-Dichloroethene	3.49	96	38387	19.57	ug/l	98
13) Acrolein	3.36	56	21255	82.97	ug/l	98
14) Allyl chloride	4.03	41	60493	22.28	ug/l	98
15) Acrylonitrile	4.64	53	93020	89.55	ug/l	99
16) Acetone	3.55	43	86237	88.07	ug/l	99
17) Carbon Disulfide	3.79	76	108827	18.55	ug/l	99
18) Methyl Acetate	4.02	43	53272	16.91	ug/l	99
19) Methyl tert-butyl Ether	4.70	73	129762	18.73	ug/l	99
20) Methylene Chloride	4.24	84	41822	18.40	ug/l	98
21) trans-1,2-Dichloroethene	4.70	96	41842	17.80	ug/l	92
22) Diisopropyl ether	5.62	45	134682	18.76	ug/l	99
23) Vinyl Acetate	5.55	43	539774	93.83	ug/l	99
24) 1,1-Dichloroethane	5.51	63	75738	19.07	ug/l	99
25) 2-Butanone	6.51	43	122930	86.70	ug/l	99
26) 2,2-Dichloropropane	6.50	77	68978	19.28	ug/l	99
27) cis-1,2-Dichloroethene	6.51	96	47847	18.34	ug/l	99
28) Bromochloromethane	6.89	49	30060	17.61	ug/l	97
29) Tetrahydrofuran	6.90	42	85347	87.43	ug/l	99
30) Chloroform	7.08	83	77061	19.18	ug/l	98
31) Cyclohexane	7.38	56	75219	18.83	ug/l	98
32) 1,1,1-Trichloroethane	7.29	97	68809	19.21	ug/l	100
36) 1,1-Dichloropropene	7.52	75	59792	19.08	ug/l	99
37) Ethyl Acetate	6.61	43	56127	17.87	ug/l	100
38) Carbon Tetrachloride	7.50	117	51693	18.84	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	73598	19.20	ug/l	98
40) Benzene	7.78	78	172407	18.58	ug/l	99
41) Methacrylonitrile	6.90	41	78518	52.65	ug/l #	23
42) 1,2-Dichloroethane	7.87	62	62686	18.96	ug/l	99
43) Isopropyl Acetate	7.92	43	95731	17.94	ug/l	99
44) Trichloroethene	8.61	130	51740	19.17	ug/l	96
45) 1,2-Dichloropropane	8.89	63	45523	18.54	ug/l	98
46) Dibromomethane	8.98	93	29458	18.72	ug/l	96
47) Bromodichloromethane	9.18	83	60017	19.35	ug/l	98
48) Methyl methacrylate	8.98	41	42942	17.09	ug/l	97
49) 1,4-Dioxane	8.98	88	8499	269.96	ug/l #	93
51) 4-Methyl-2-Pentanone	9.78	43	277836	89.22	ug/l	100
52) Toluene	9.95	92	110038	18.94	ug/l	100
53) t-1,3-Dichloropropene	10.18	75	70173	18.49	ug/l	99
54) cis-1,3-Dichloropropene	9.63	75	74547	18.88	ug/l	99
55) 1,1,2-Trichloroethane	10.36	97	42523	19.00	ug/l	98
56) Ethyl methacrylate	10.24	69	62359	18.28	ug/l	98
57) 1,3-Dichloropropane	10.51	76	71153	18.73	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.49	63	164636	93.61	ug/l	100
59) 2-Hexanone	10.56	43	199903	86.89	ug/l	100
60) Dibromochloromethane	10.71	129	43690	18.67	ug/l	99
61) 1,2-Dibromoethane	10.81	107	43651	18.92	ug/l	99
64) Tetrachloroethene	10.43	164	58436	19.36	ug/l	99
65) Chlorobenzene	11.24	112	114448	19.10	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.32	131	40817	19.22	ug/l	100
67) Ethyl Benzene	11.32	91	213782	19.16	ug/l	100
68) m/p-Xylenes	11.43	106	160643	38.55	ug/l	99
69) o-Xylene	11.76	106	76338	18.97	ug/l	99
70) Styrene	11.77	104	123414	18.94	ug/l	99
71) Bromoform	11.93	173	29952	18.71	ug/l #	97
73) Isopropylbenzene	12.06	105	206031	19.10	ug/l	100
74) N-amyl acetate	11.89	43	85518	17.63	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.32	83	55222	19.10	ug/l	100
76) 1,2,3-Trichloropropane	12.36	75	79851	24.24	ug/l #	100
77) Bromobenzene	12.34	156	49709	18.91	ug/l	99
78) n-propylbenzene	12.40	91	240303	18.99	ug/l	100
79) 2-Chlorotoluene	12.48	91	138175	18.80	ug/l	99
80) 1,3,5-Trimethylbenzene	12.55	105	171513	18.86	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.11	75	21492	17.13	ug/l	96
82) 4-Chlorotoluene	12.58	91	147330	18.90	ug/l	100
83) tert-Butylbenzene	12.81	119	147165	19.27	ug/l	99
84) 1,2,4-Trimethylbenzene	12.85	105	172371	19.04	ug/l	99
85) sec-Butylbenzene	12.99	105	196797	19.05	ug/l	100
86) p-Isopropyltoluene	13.10	119	178580	19.04	ug/l	99
87) 1,3-Dichlorobenzene	13.09	146	89586	19.23	ug/l	99
88) 1,4-Dichlorobenzene	13.17	146	90250	19.08	ug/l	99
89) n-Butylbenzene	13.43	91	161719	18.90	ug/l	99
90) Hexachloroethane	13.68	117	11759	15.36	ug/l	100
91) 1,2-Dichlorobenzene	13.46	146	84172	19.42	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.08	75	11324	18.04	ug/l	98

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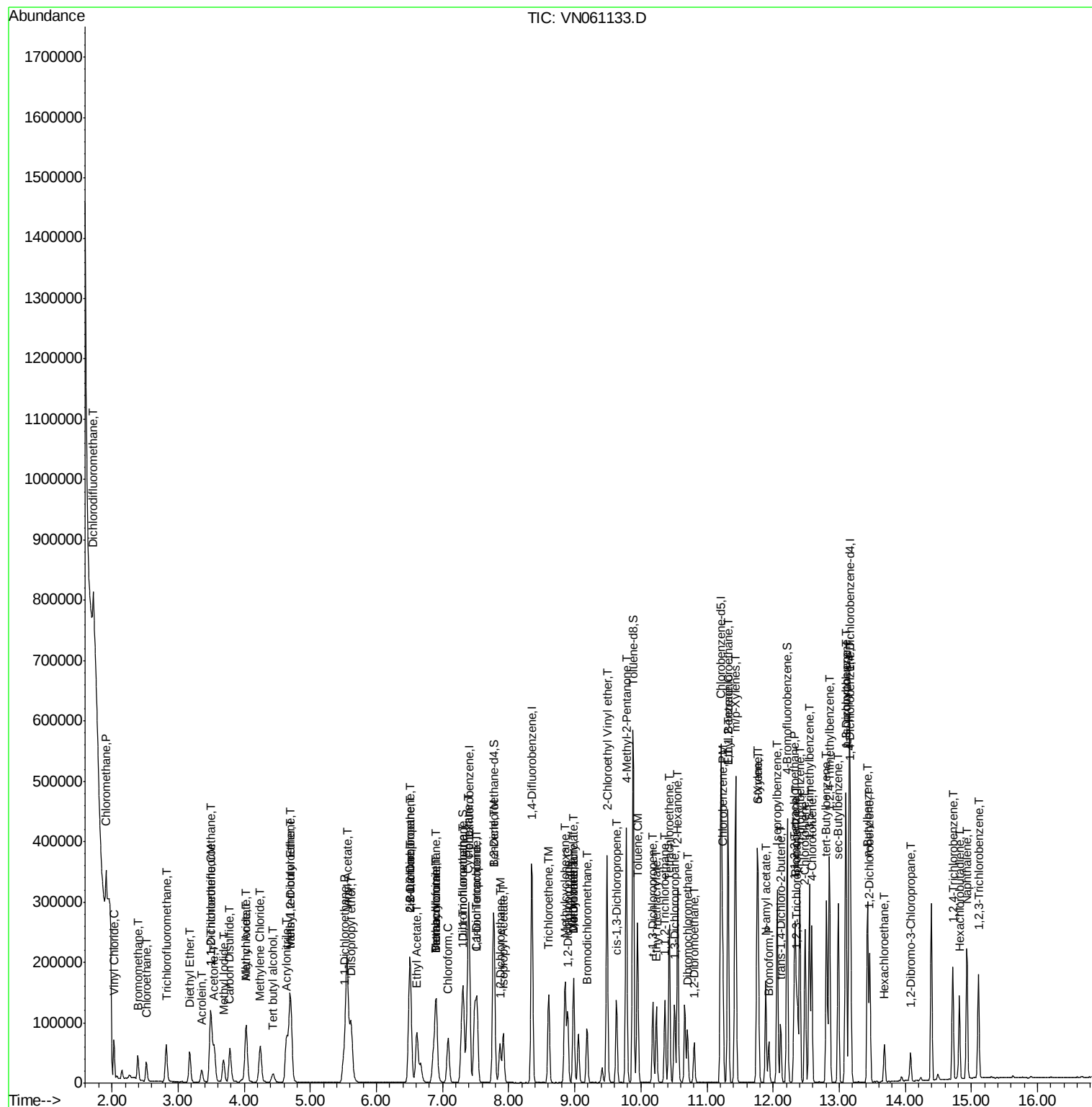
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.72	180	55830	19.26	ug/l	99
94) Hexachlorobutadiene	14.82	225	24754	19.58	ug/l	99
95) Naphthalene	14.93	128	168939	18.87	ug/l	100
96) 1,2,3-Trichlorobenzene	15.11	180	53501	19.20	ug/l	100

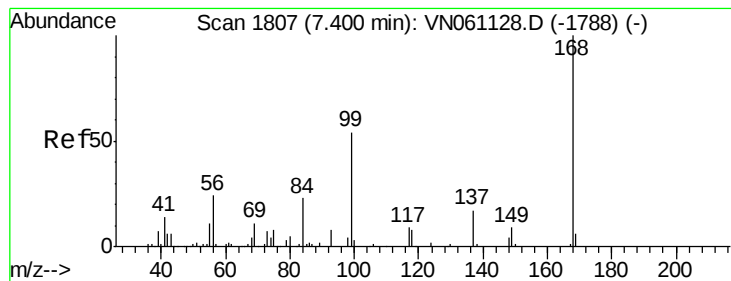
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.40 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

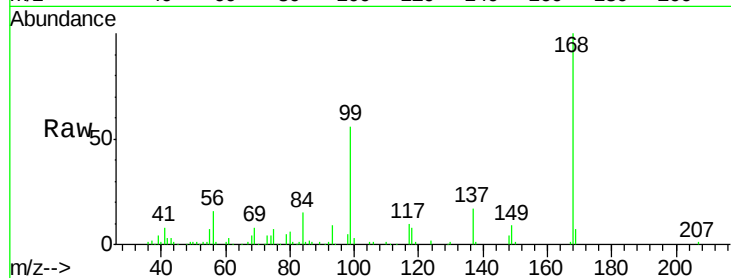
VN0422WBS01

Tgt Ion:168 Resp: 196232

Ion Ratio Lower Upper

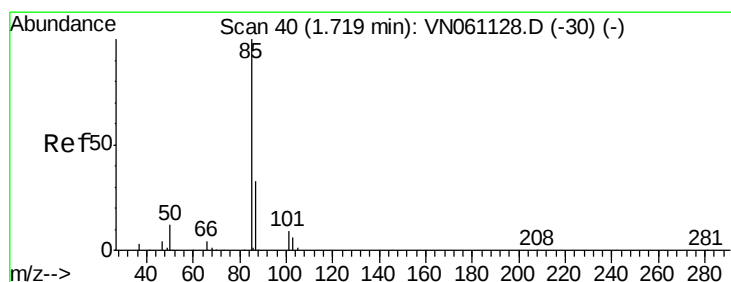
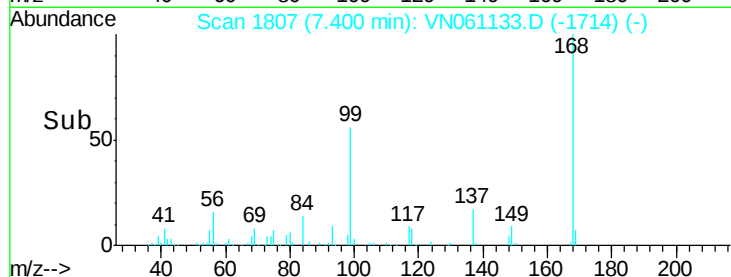
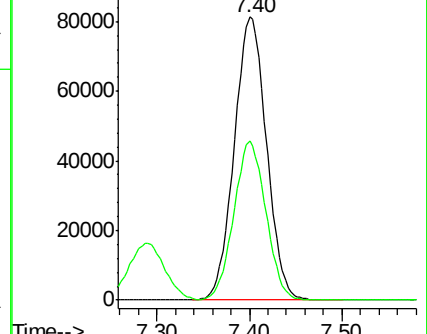
168 100

99 56.1 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 20.72 ug/l

RT: 1.72 min Scan# 40

Delta R.T. -0.00 min

Lab File: VN061133.D

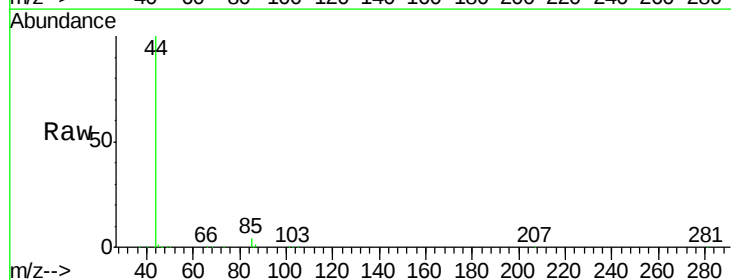
Acq: 22 Apr 2020 17:39

Tgt Ion: 85 Resp: 37815

Ion Ratio Lower Upper

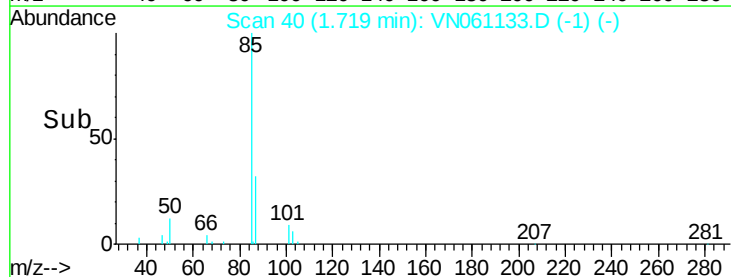
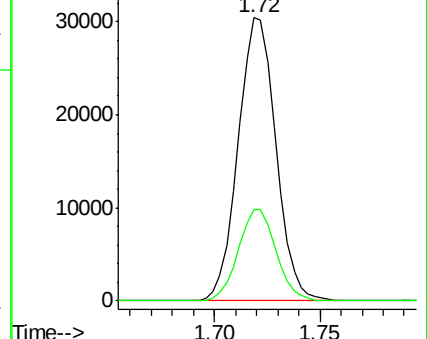
85 100

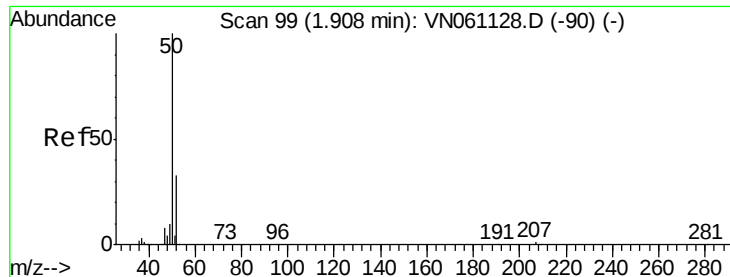
87 32.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 18.79 ug/l

RT: 1.91 min Scan# 100

Delta R.T. 0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

Instrument :

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ClientSampleId :

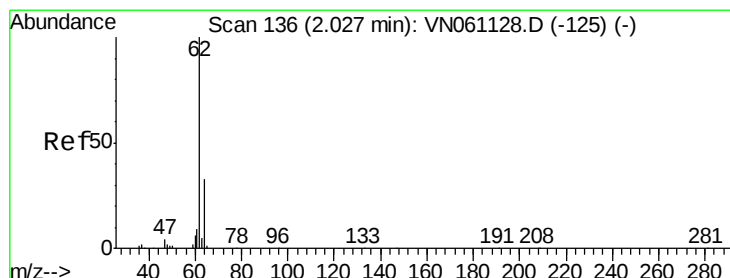
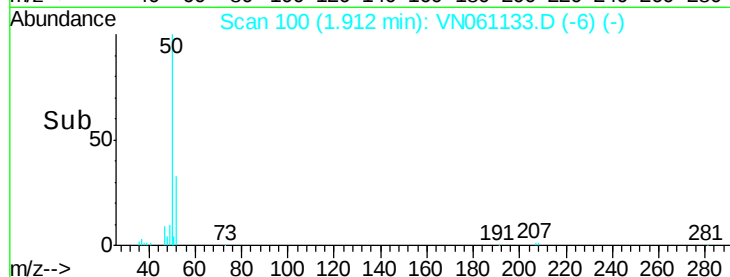
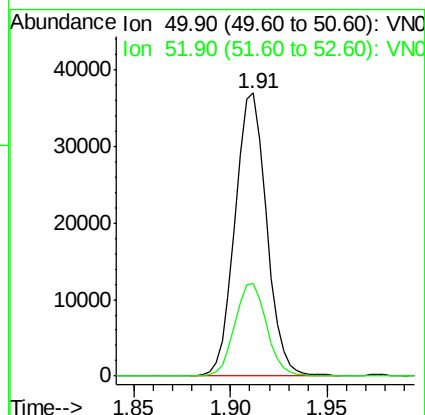
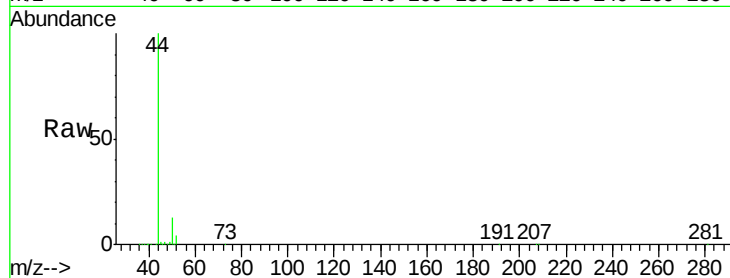
VN0422WBS01

Tgt Ion: 50 Resp: 41883

Ion Ratio Lower Upper

50 100

52 32.7 26.3 39.5



#4

Vinyl Chloride

Concen: 18.86 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061133.D

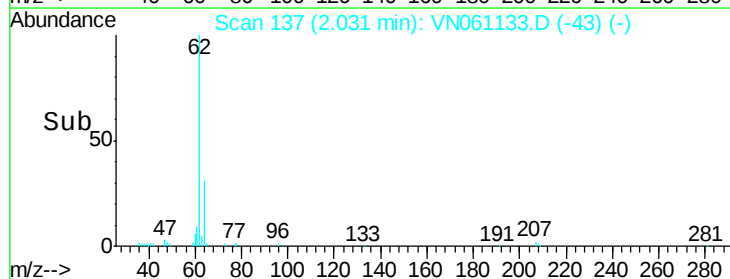
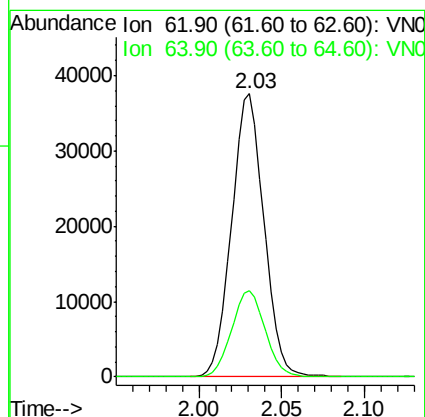
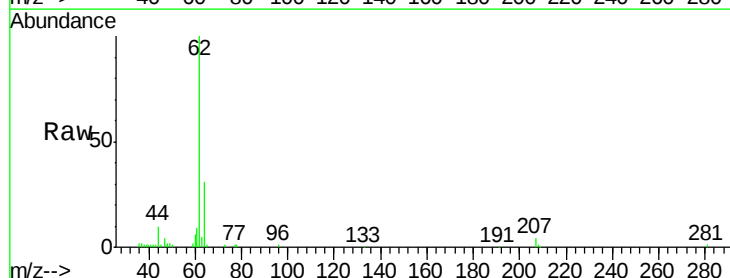
Acq: 22 Apr 2020 17:39

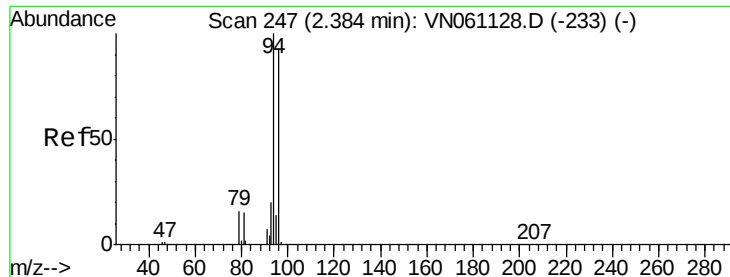
Tgt Ion: 62 Resp: 51021

Ion Ratio Lower Upper

62 100

64 30.7 26.6 40.0





#5

Bromomethane

Concen: 19.11 ug/l

RT: 2.39 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

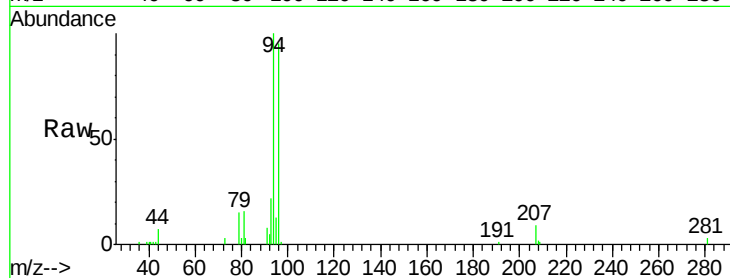
VN0422WBS01

Tgt Ion: 94 Resp: 25127

Ion Ratio Lower Upper

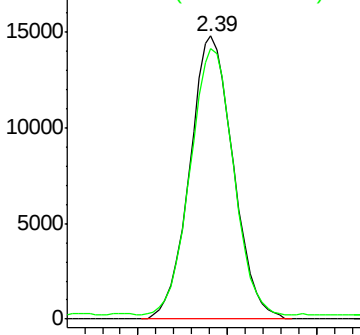
94 100

96 93.9 73.6 110.4

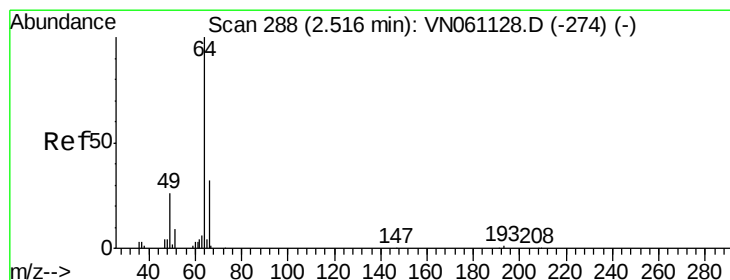
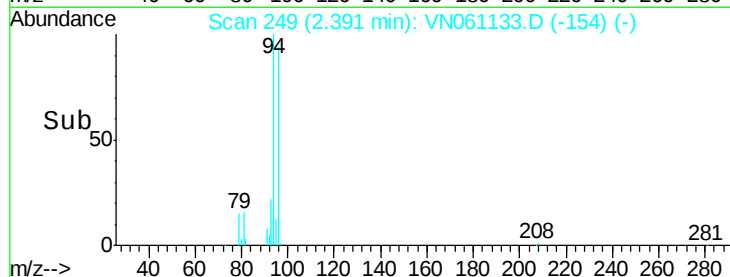


Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



Time-->



#6

Chloroethane

Concen: 18.44 ug/l

RT: 2.52 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN061133.D

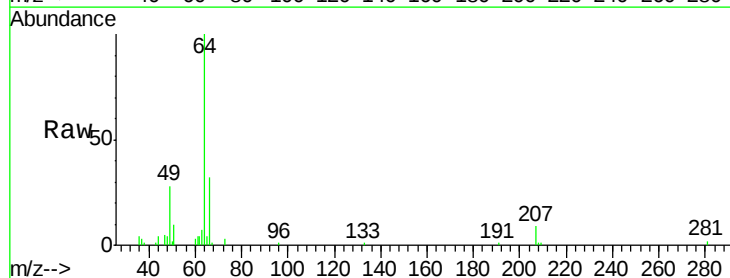
Acq: 22 Apr 2020 17:39

Tgt Ion: 64 Resp: 26354

Ion Ratio Lower Upper

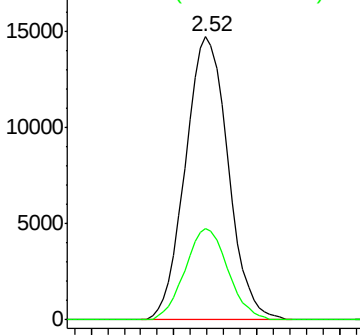
64 100

66 32.2 25.4 38.2

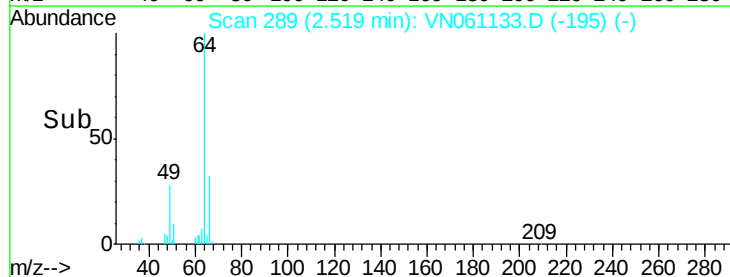


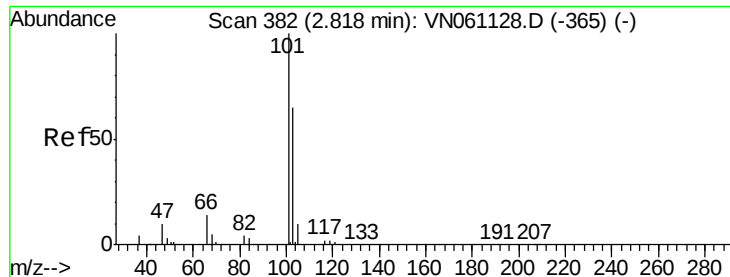
Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



Time-->



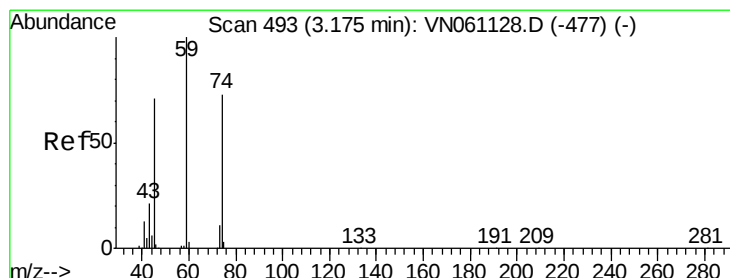
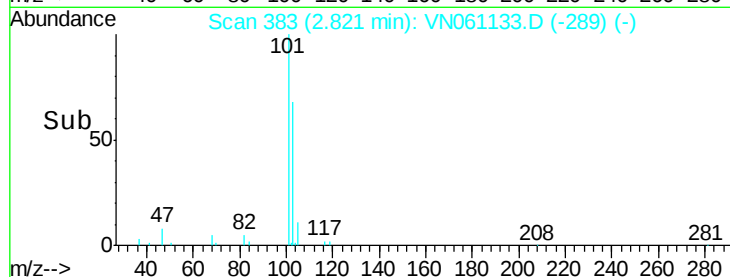
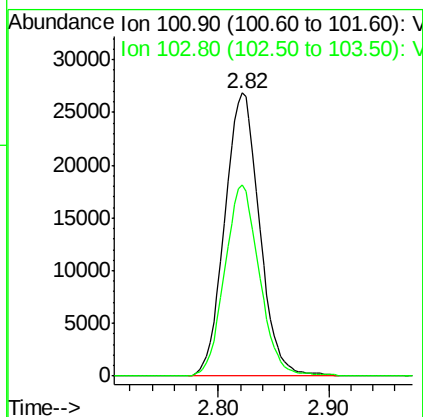
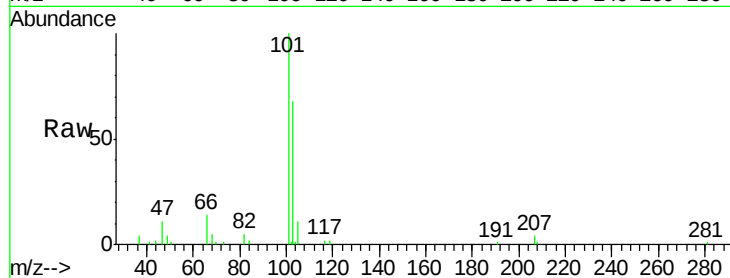


#7

Trichlorofluoromethane
 Concen: 20.38 ug/l
 RT: 2.82 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

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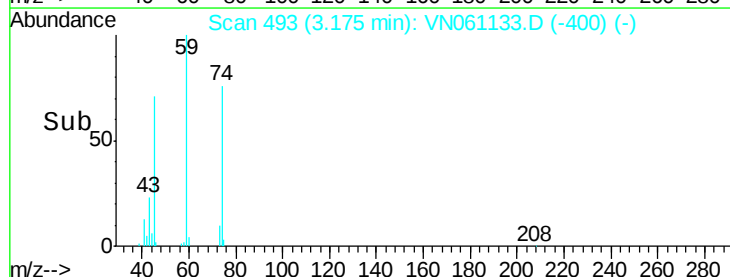
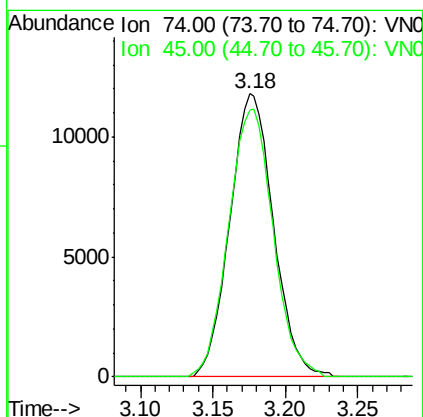
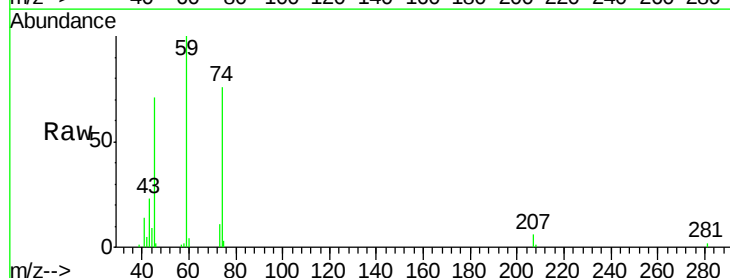
Tgt Ion: 101 Resp: 58765
 Ion Ratio Lower Upper
 101 100
 103 67.7 52.1 78.1

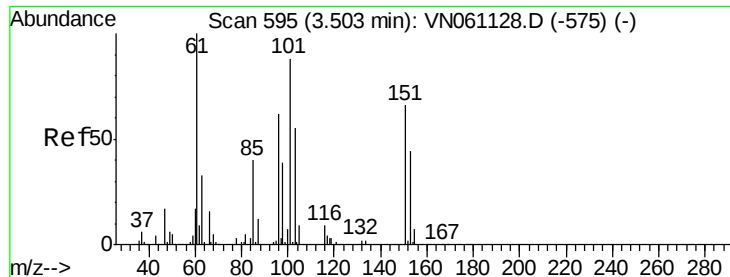


#8

Diethyl Ether
 Concen: 18.49 ug/l
 RT: 3.18 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

Tgt Ion: 74 Resp: 24626
 Ion Ratio Lower Upper
 74 100
 45 96.8 49.1 147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.76 ug/l

RT: 3.51 min Scan# 596

Delta R.T. 0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

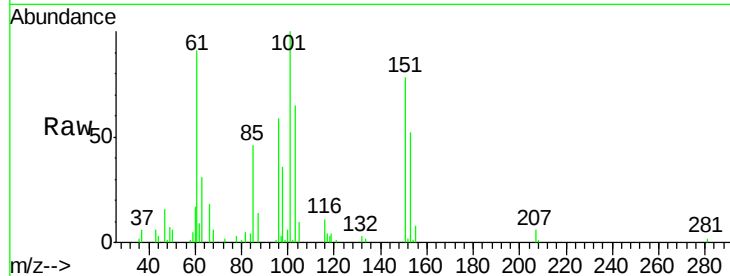
Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01

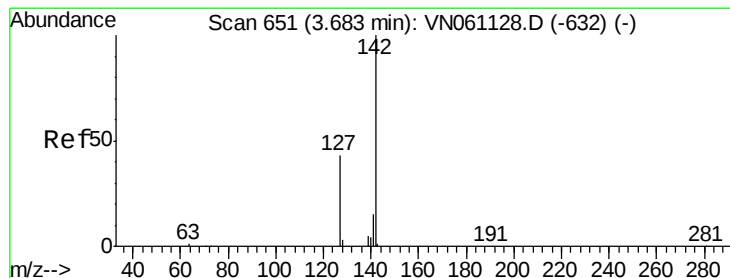
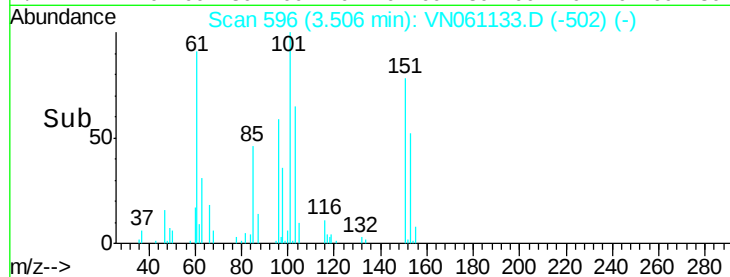
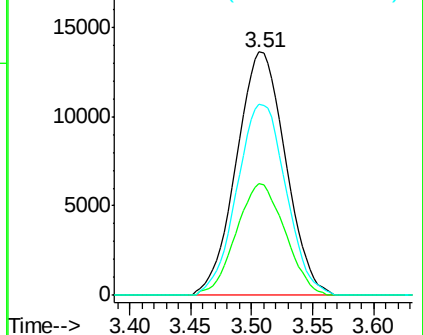
Tgt Ion:	101	Resp:	38067
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.2	54.4
151	78.4	61.8	92.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.39 ug/l

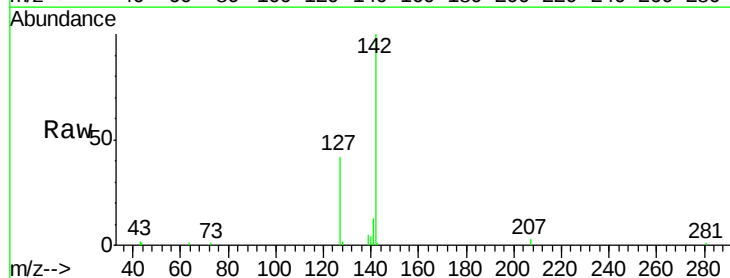
RT: 3.69 min Scan# 652

Delta R.T. 0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

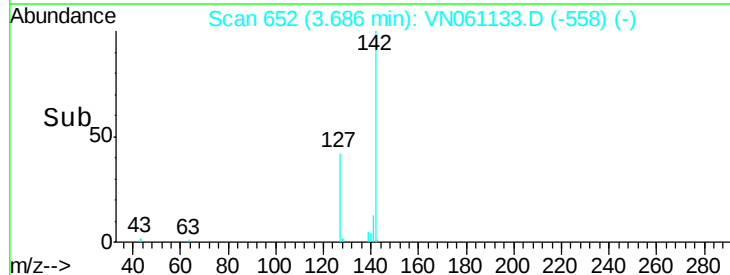
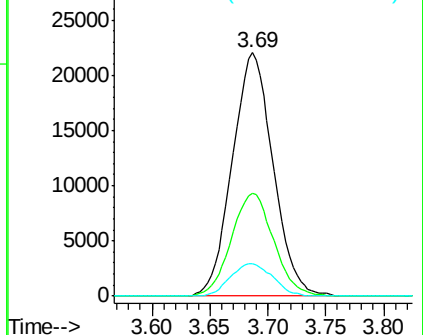
Tgt Ion:	142	Resp:	53889
Ion Ratio	Lower	Upper	
142	100		
127	43.8	34.2	51.4
141	13.9	11.3	16.9

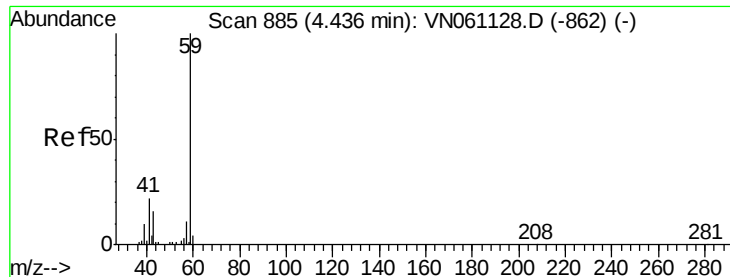


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



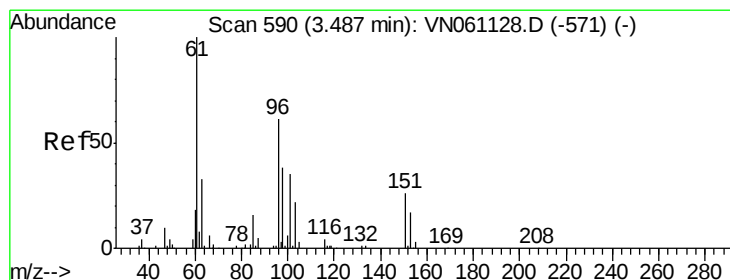
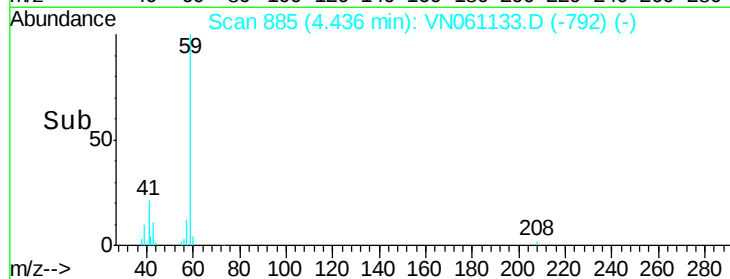
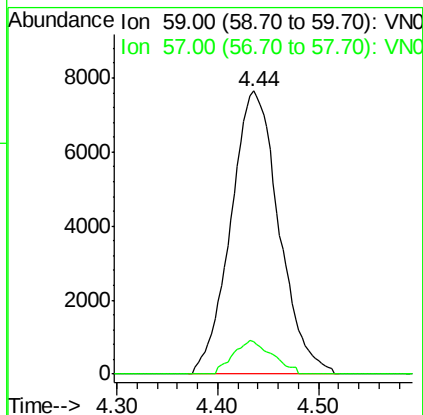
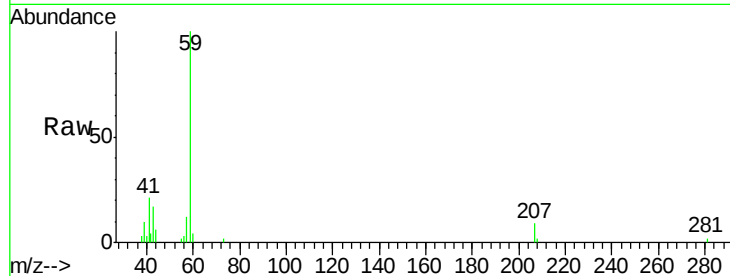


#11

Tert butyl alcohol
 Concen: 75.62 ug/l
 RT: 4.44 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS01

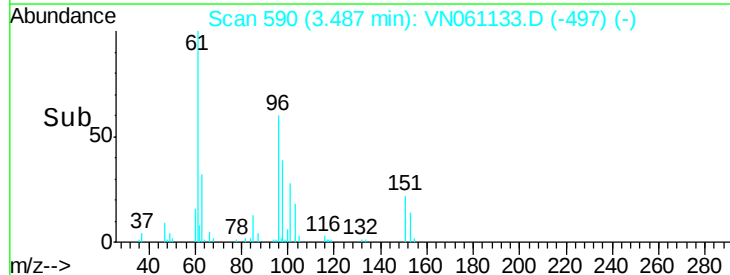
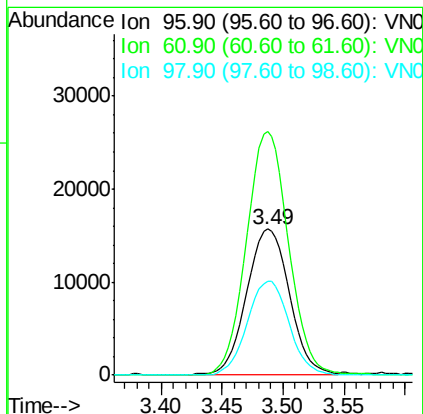
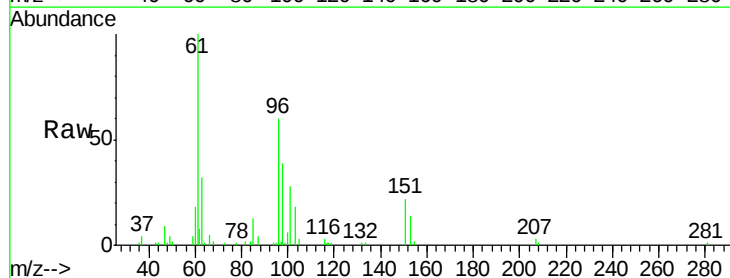
Tgt Ion: 59 Resp: 25354
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.2 12.4

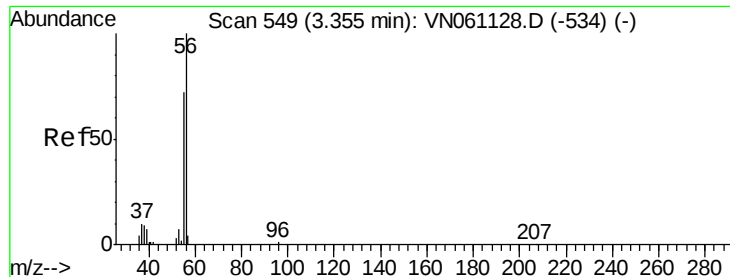


#12

1,1-Dichloroethene
 Concen: 19.57 ug/l
 RT: 3.49 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

Tgt Ion: 96 Resp: 38387
 Ion Ratio Lower Upper
 96 100
 61 166.5 130.8 196.2
 98 64.2 49.4 74.2





#13

Acrolein

Concen: 82.97 ug/l

RT: 3.36 min Scan# 550

Delta R.T. 0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

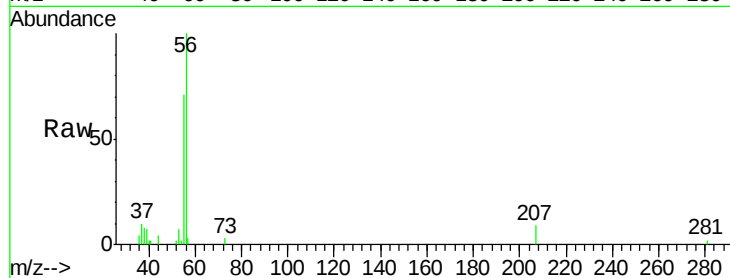
VN0422WBS01

Tgt Ion: 56 Resp: 21255

Ion Ratio Lower Upper

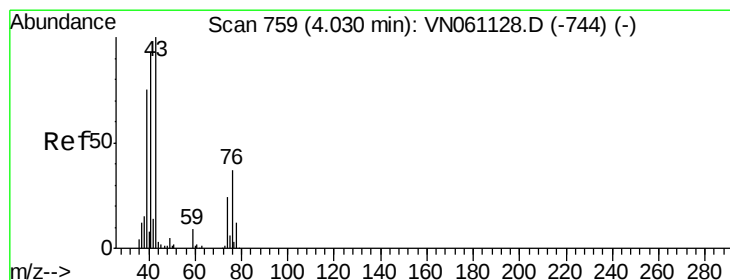
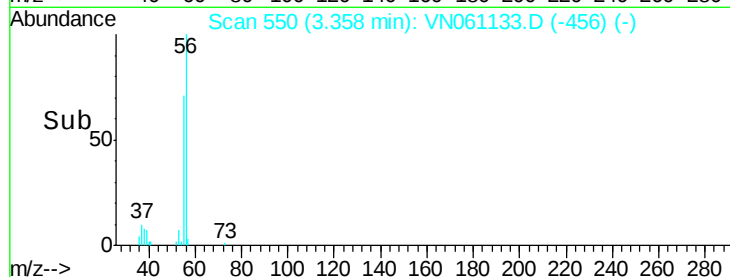
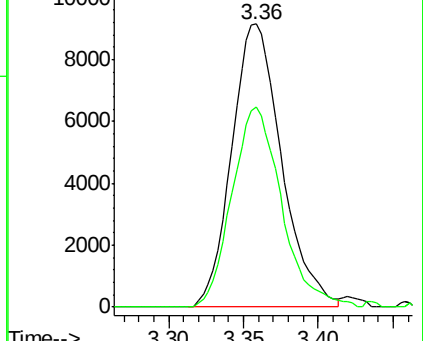
56 100

55 70.2 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 22.28 ug/l

RT: 4.03 min Scan# 759

Delta R.T. 0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

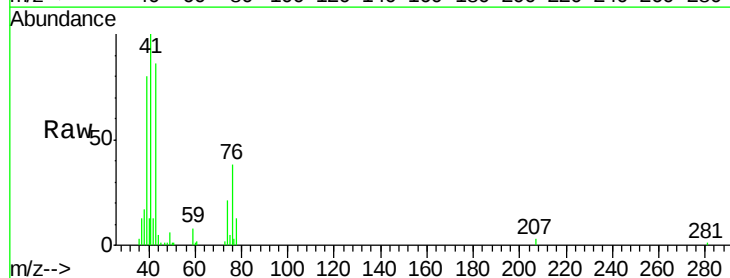
Tgt Ion: 41 Resp: 60493

Ion Ratio Lower Upper

41 100

39 78.2 61.0 91.4

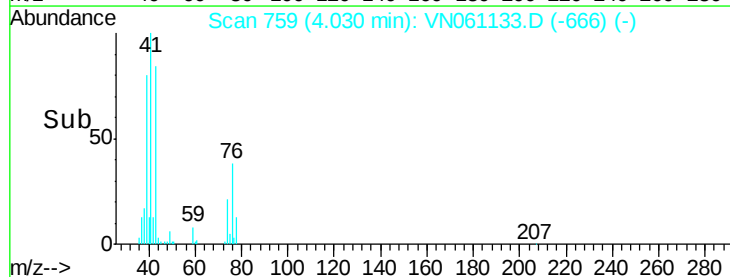
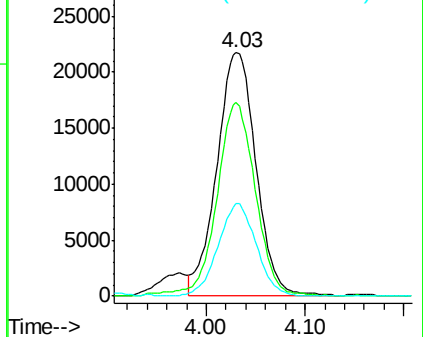
76 36.9 28.9 43.3

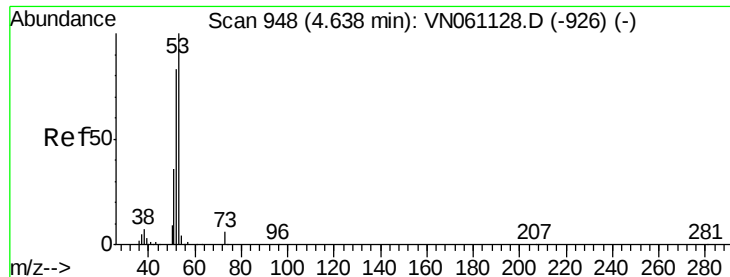


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 89.55 ug/l

RT: 4.64 min Scan# 948

Delta R.T. -0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01

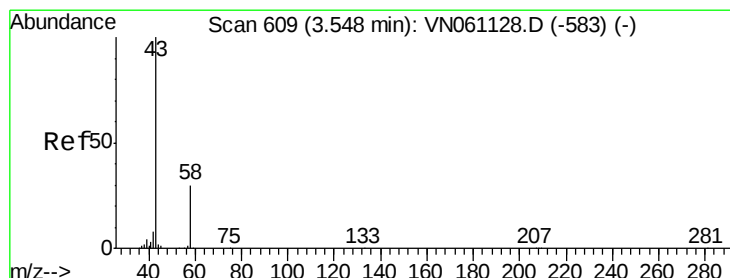
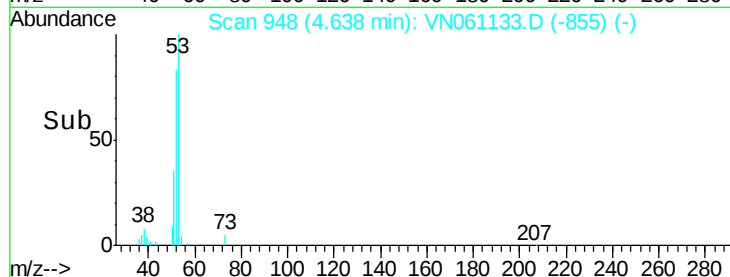
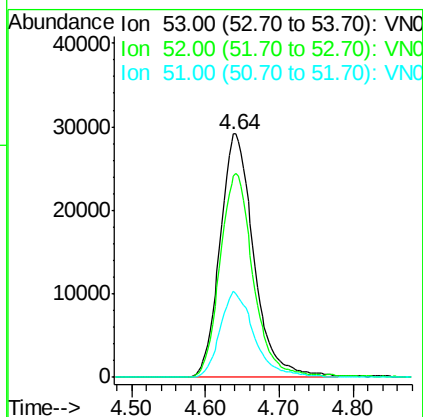
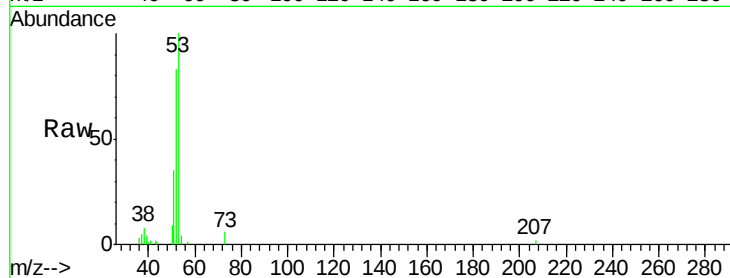
Tgt Ion: 53 Resp: 93020

Ion Ratio Lower Upper

53 100

52 82.0 66.1 99.1

51 35.7 29.0 43.4



#16

Acetone

Concen: 88.07 ug/l

RT: 3.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN061133.D

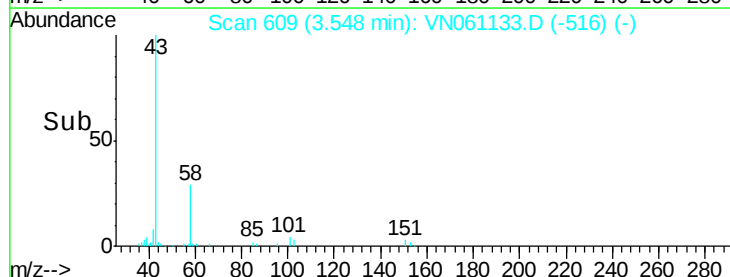
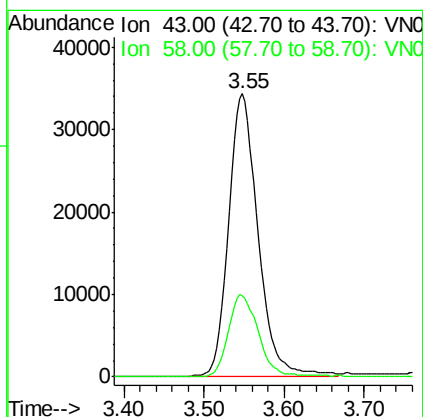
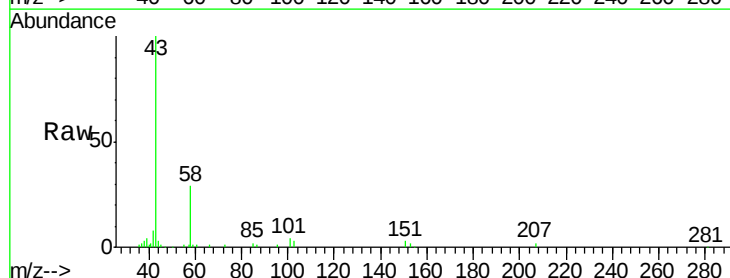
Acq: 22 Apr 2020 17:39

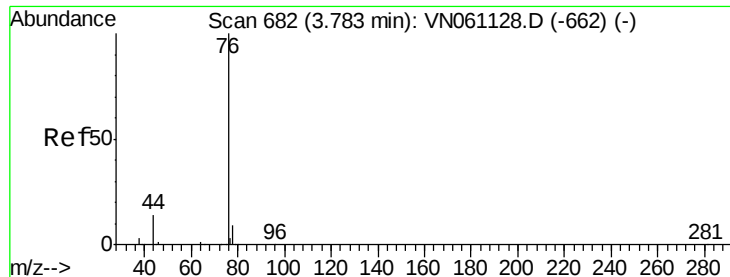
Tgt Ion: 43 Resp: 86237

Ion Ratio Lower Upper

43 100

58 28.8 23.6 35.4

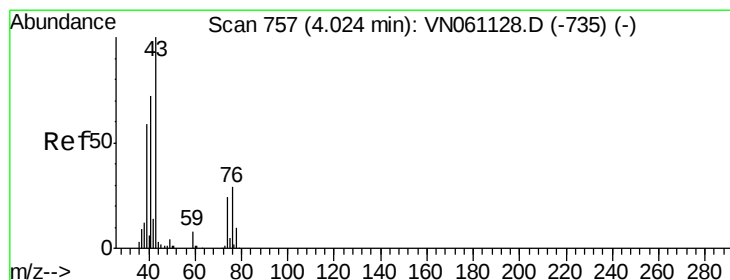
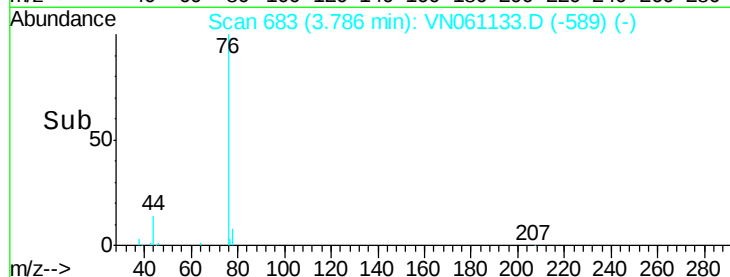
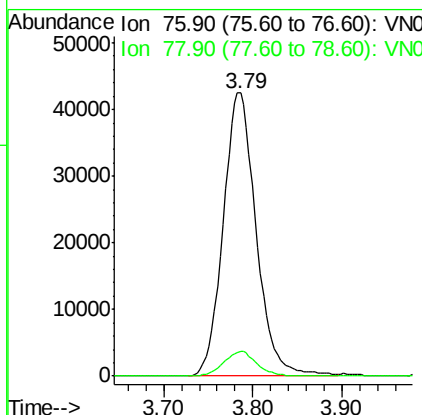
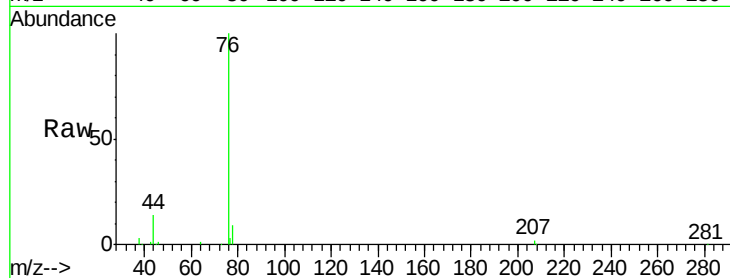




#17
Carbon Disulfide
Concen: 18.55 ug/l
RT: 3.79 min Scan# 683
Delta R.T. 0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

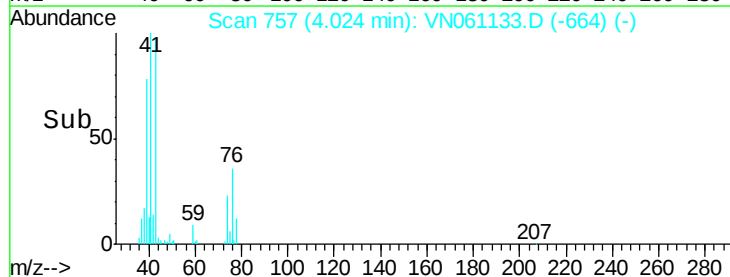
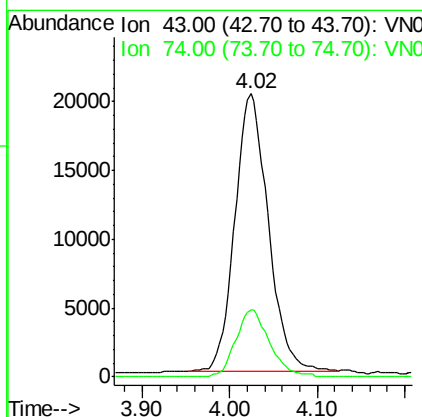
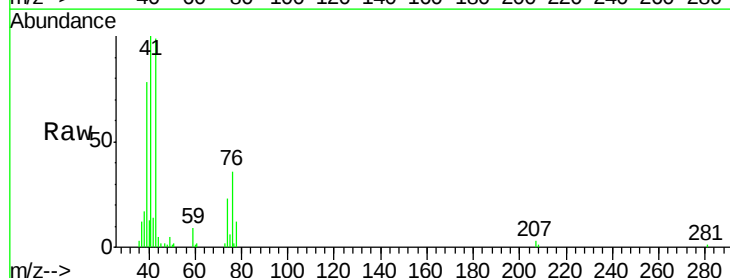
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01

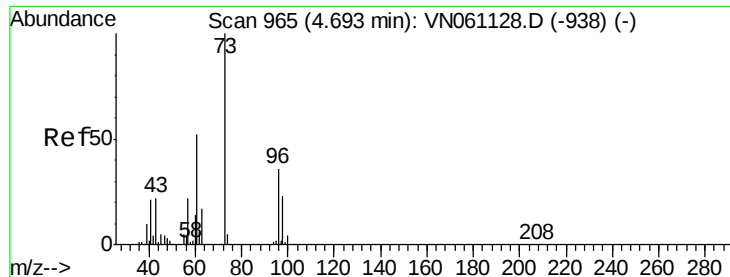
Tgt Ion: 76 Resp: 108827
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 16.91 ug/l
RT: 4.02 min Scan# 757
Delta R.T. 0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

Tgt Ion: 43 Resp: 53272
Ion Ratio Lower Upper
43 100
74 24.7 19.4 29.0

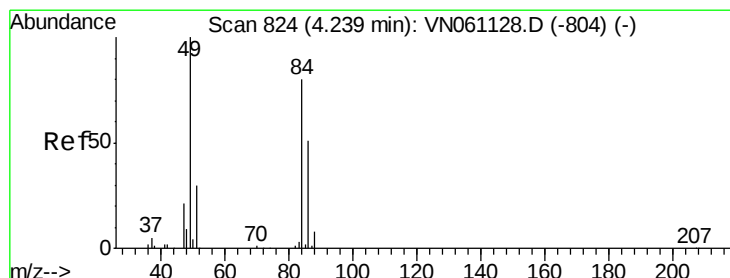
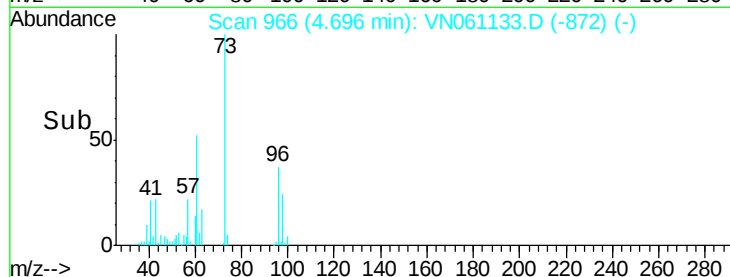
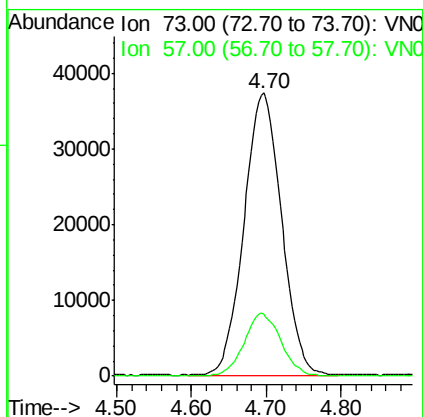
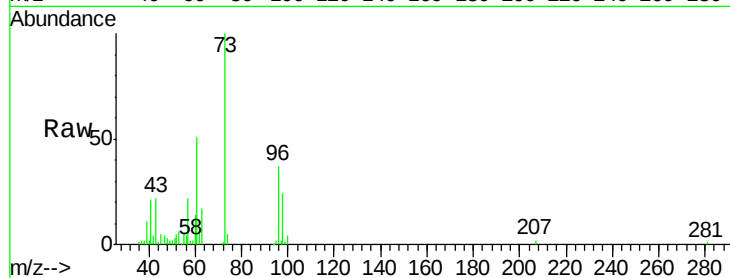




#19
Methyl tert-butyl Ether
Concen: 18.73 ug/l
RT: 4.70 min Scan# 966
Delta R.T. 0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

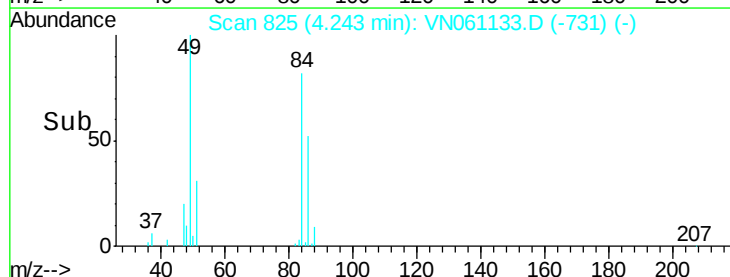
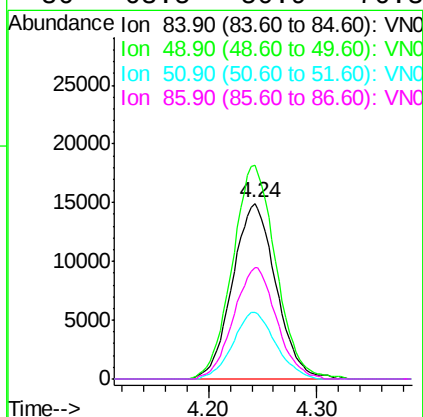
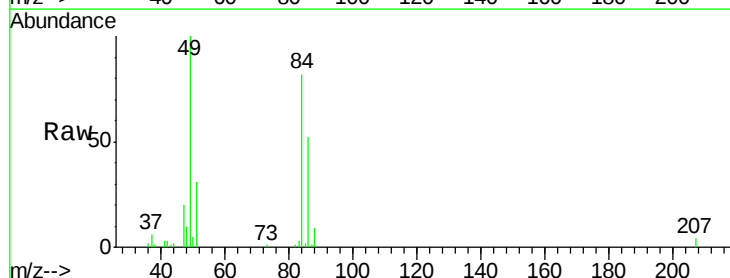
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01

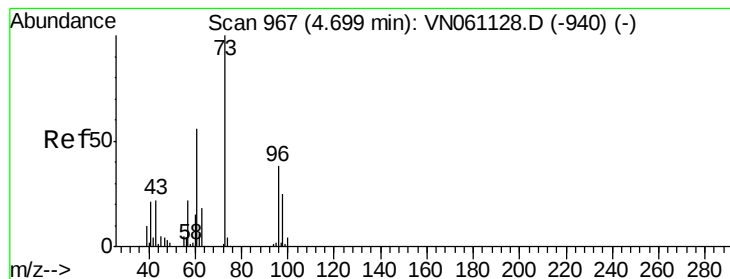
Tgt Ion: 73 Resp: 129762
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.8



#20
Methylene Chloride
Concen: 18.40 ug/l
RT: 4.24 min Scan# 825
Delta R.T. 0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

Tgt Ion: 84 Resp: 41822
Ion Ratio Lower Upper
84 100
49 121.6 99.8 149.6
51 38.2 29.9 44.9
86 63.5 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 17.80 ug/l

RT: 4.70 min Scan# 968

Delta R.T. 0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampled :

VN0422WBS01

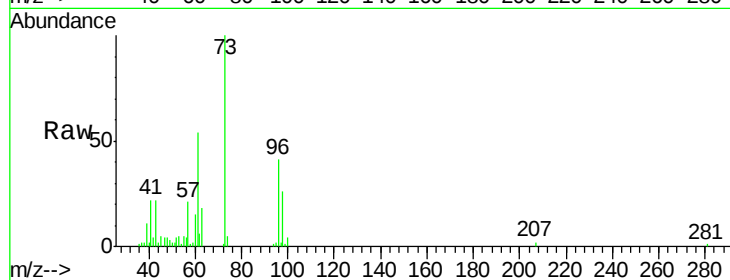
Tgt Ion: 96 Resp: 41842

Ion Ratio Lower Upper

96 100

61 131.9 116.4 174.6

98 63.3 51.4 77.2

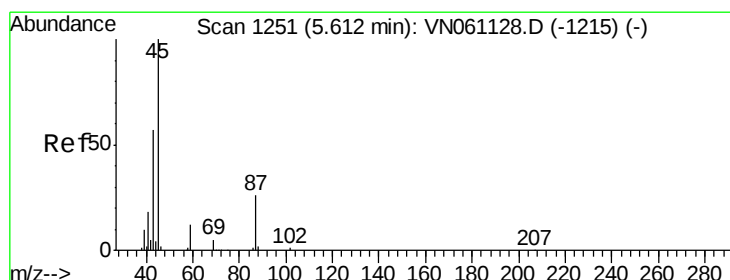
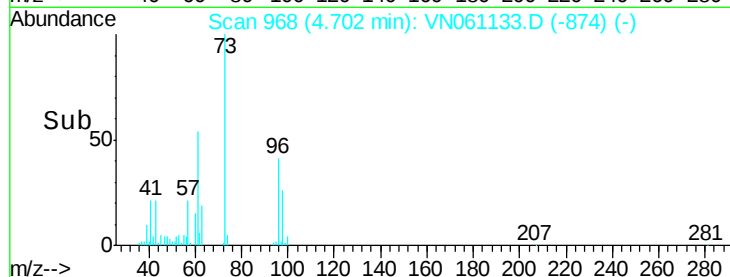
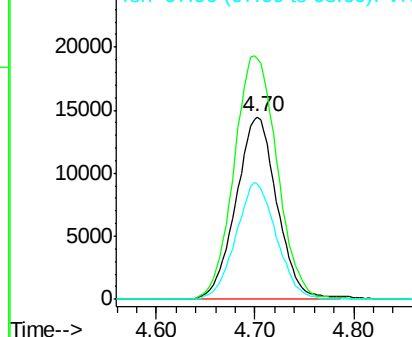


Abundance

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: 18.76 ug/l

RT: 5.62 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

Tgt Ion: 45 Resp: 134682

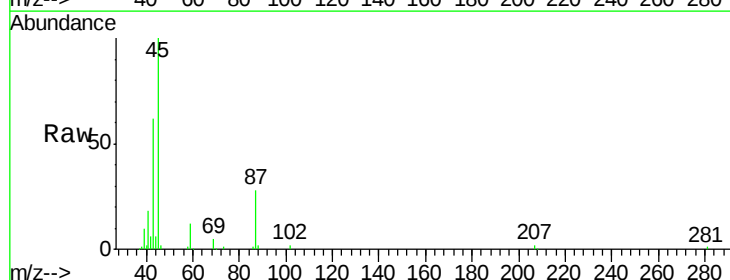
Ion Ratio Lower Upper

45 100

43 60.2 48.4 72.6

87 27.8 21.4 32.0

59 12.0 9.4 14.2



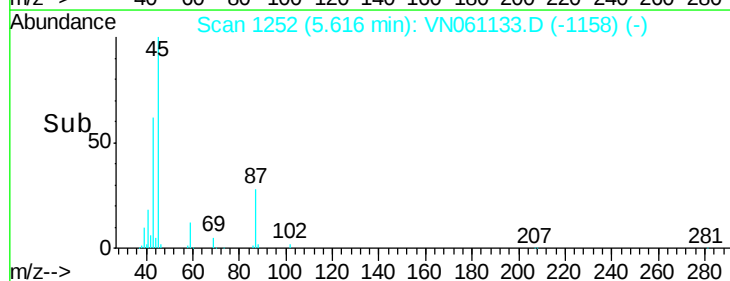
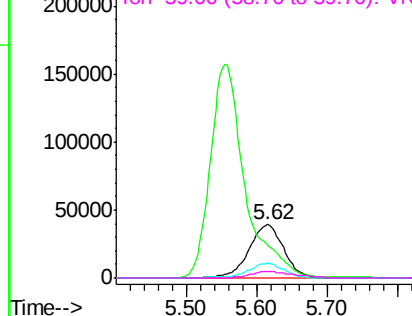
Abundance

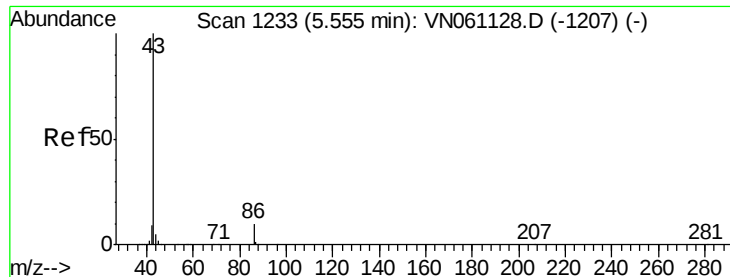
Ion 45.00 (44.70 to 45.70): VN0

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

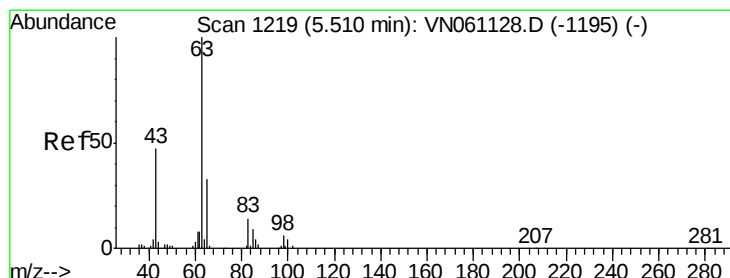
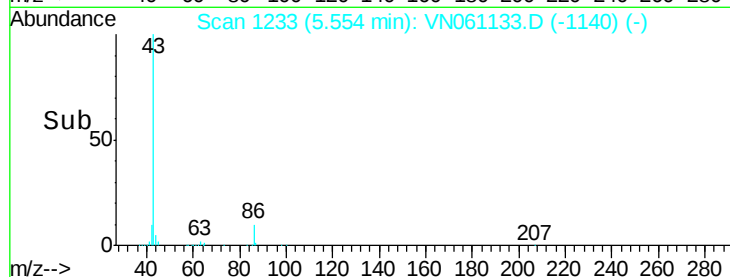
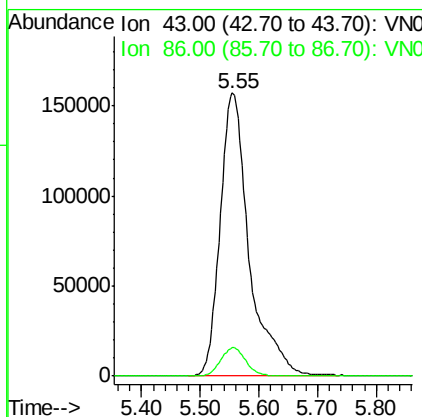
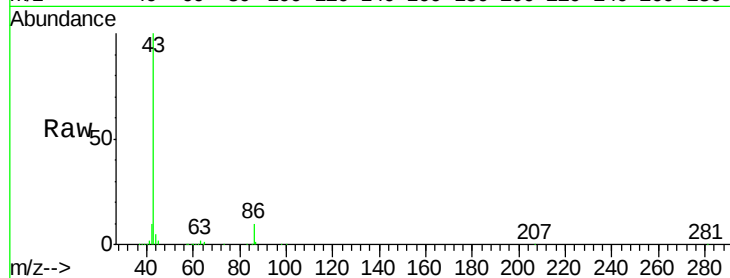




#23
 Vinyl Acetate
 Concen: 93.83 ug/l
 RT: 5.55 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

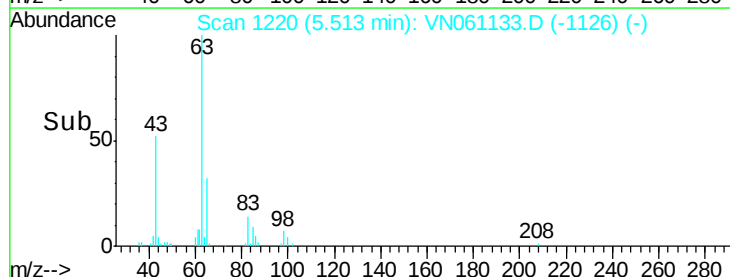
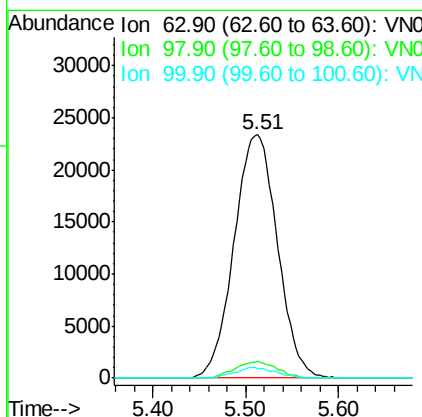
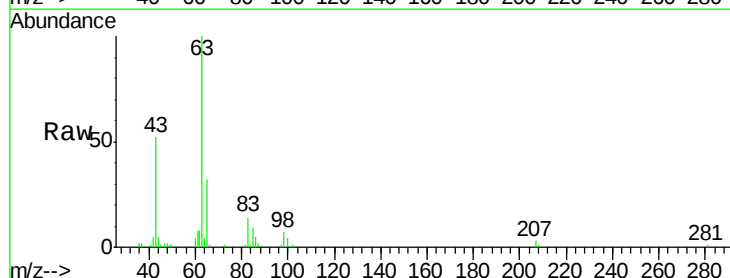
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS01

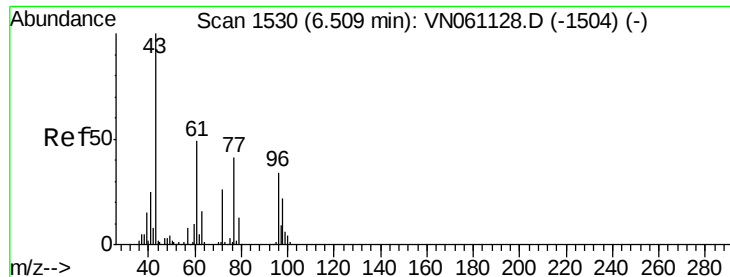
Tgt Ion: 43 Resp: 539774
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 19.07 ug/l
 RT: 5.51 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

Tgt Ion: 63 Resp: 75738
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.0 2.0 6.0





#25

2-Butanone

Concen: 86.70 ug/l

RT: 6.51 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

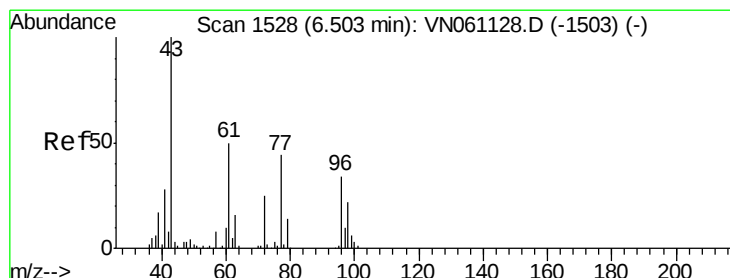
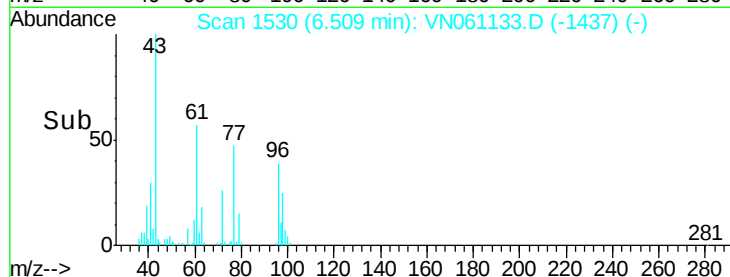
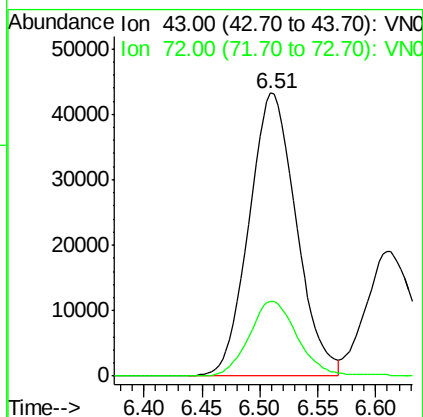
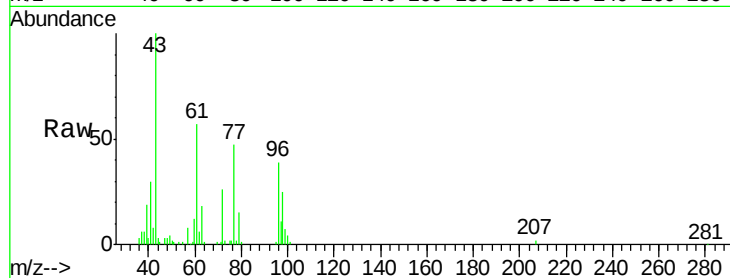
VN0422WBS01

Tgt Ion: 43 Resp: 122930

Ion Ratio Lower Upper

43 100

72 26.3 20.8 31.2



#26

2,2-Dichloropropane

Concen: 19.28 ug/l

RT: 6.50 min Scan# 1527

Delta R.T. -0.00 min

Lab File: VN061133.D

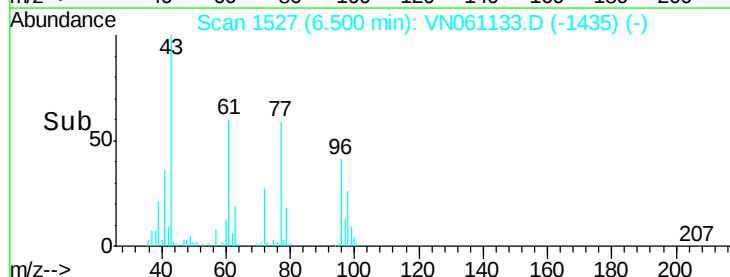
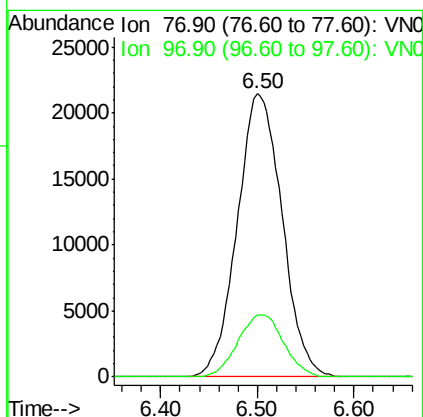
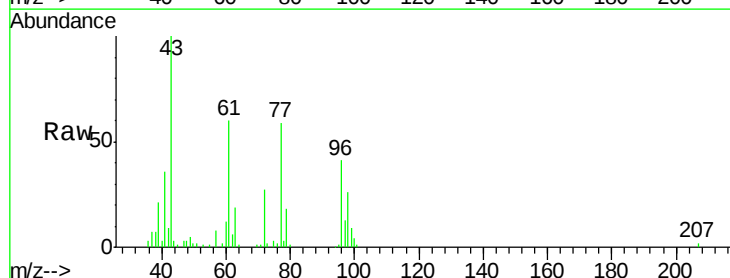
Acq: 22 Apr 2020 17:39

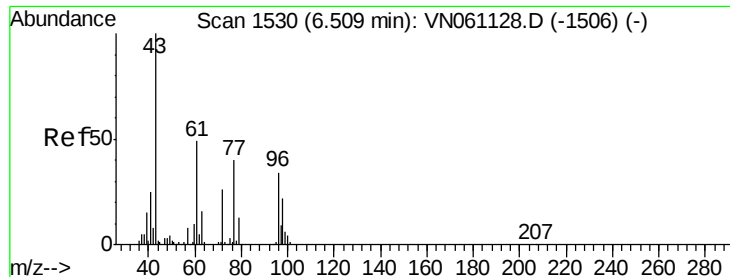
Tgt Ion: 77 Resp: 68978

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.1

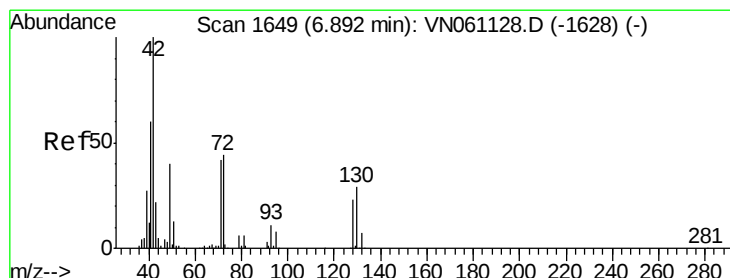
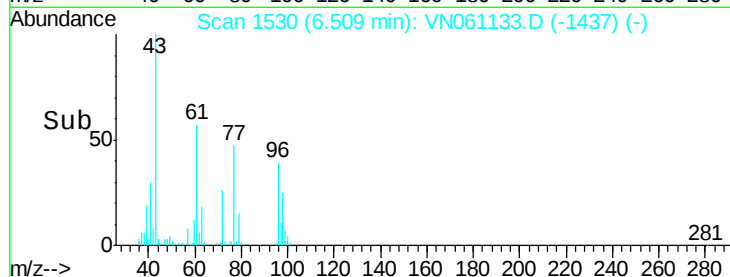
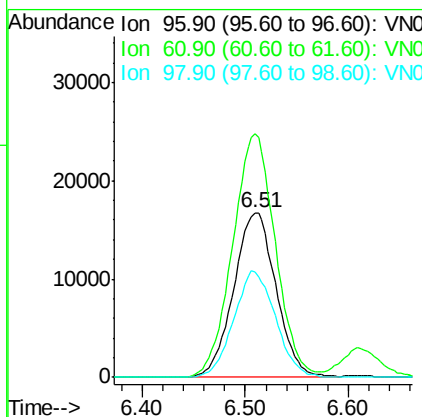
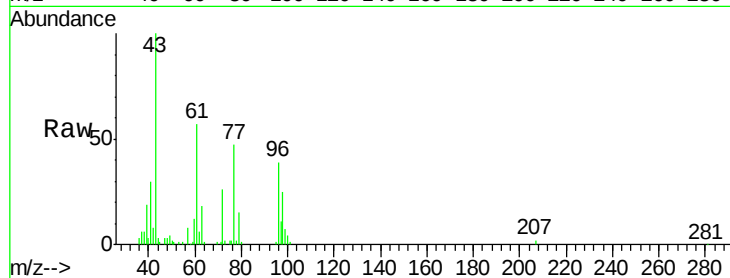




#27
 cis-1,2-Dichloroethene
 Concen: 18.34 ug/l
 RT: 6.51 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

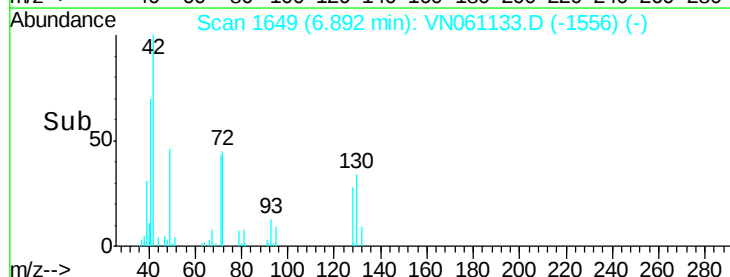
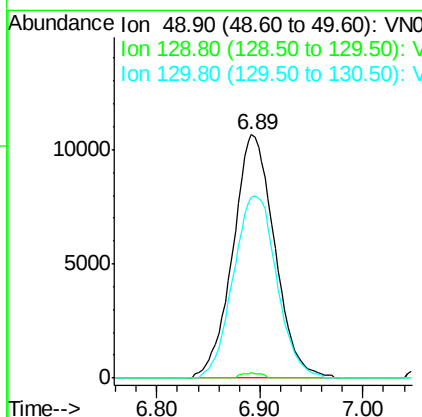
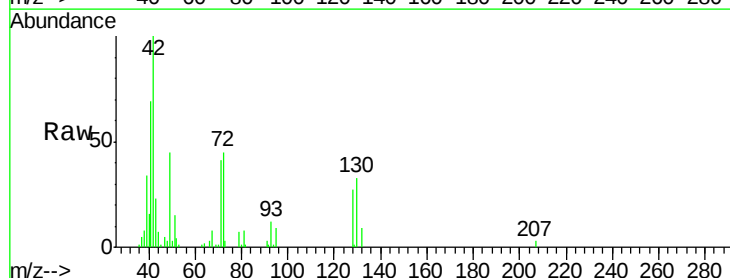
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS01

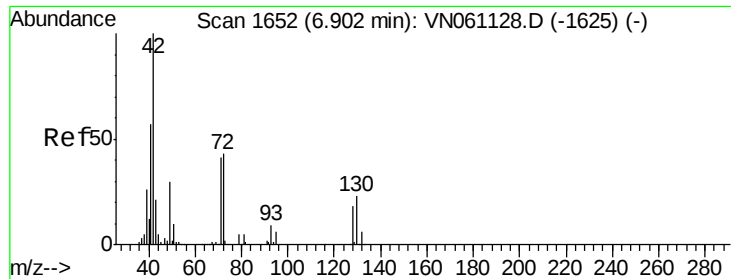
Tgt Ion: 96 Resp: 47847
 Ion Ratio Lower Upper
 96 100
 61 148.8 0.0 300.4
 98 63.5 0.0 129.6



#28
 Bromochloromethane
 Concen: 17.61 ug/l
 RT: 6.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

Tgt Ion: 49 Resp: 30060
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 2.2
 130 77.6 59.7 89.5

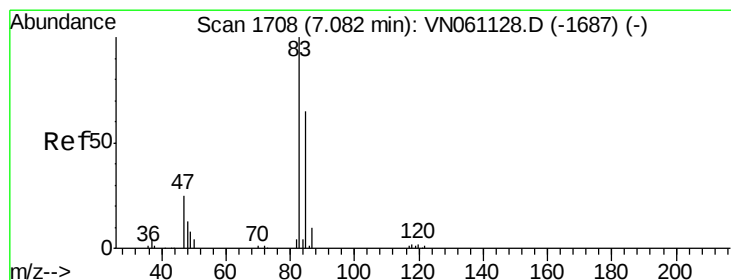
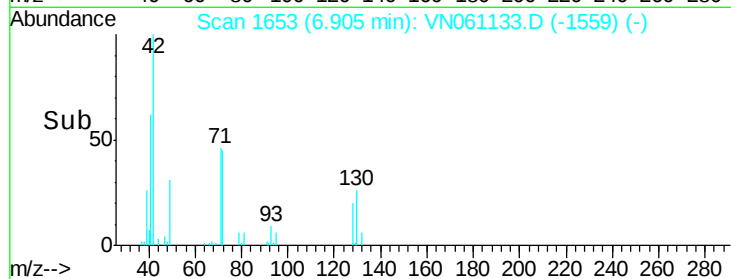
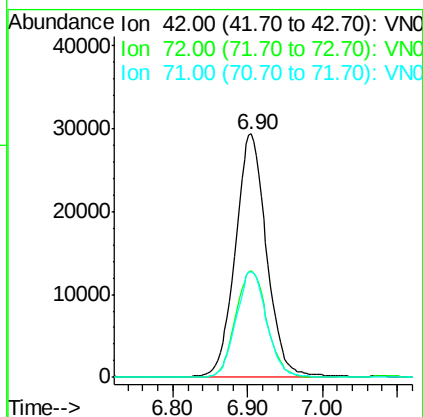
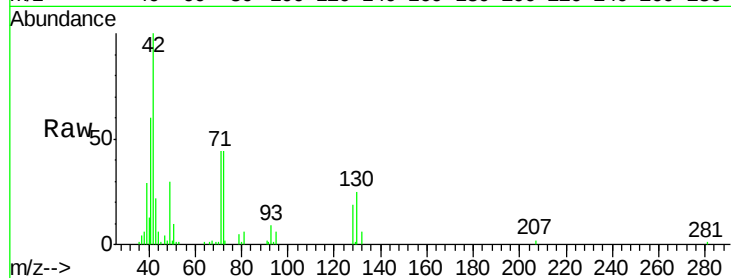




#29
Tetrahydrofuran
Concen: 87.43 ug/l
RT: 6.90 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

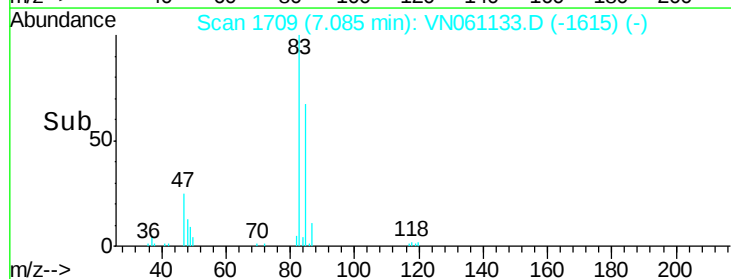
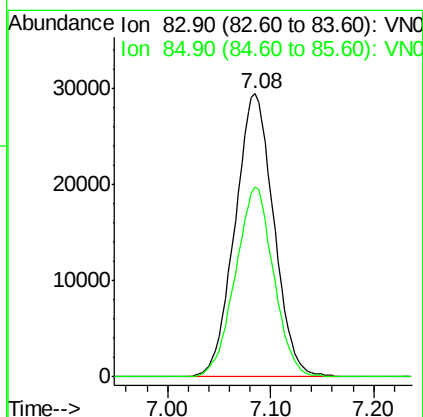
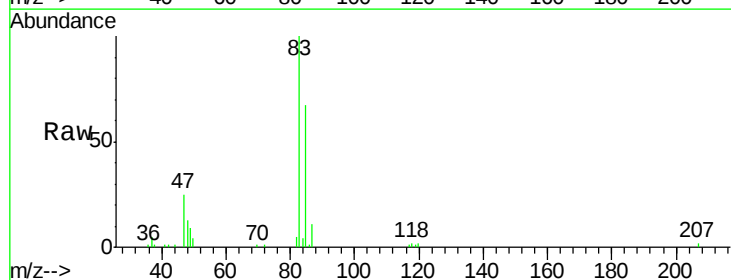
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01

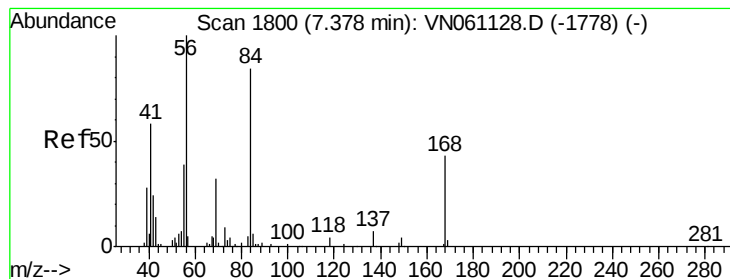
Tgt Ion: 42 Resp: 85347
Ion Ratio Lower Upper
42 100
72 43.6 35.1 52.7
71 42.4 33.0 49.6



#30
Chloroform
Concen: 19.18 ug/l
RT: 7.08 min Scan# 1709
Delta R.T. 0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

Tgt Ion: 83 Resp: 77061
Ion Ratio Lower Upper
83 100
85 66.9 52.2 78.4





#31

Cyclohexane

Concen: 18.83 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01

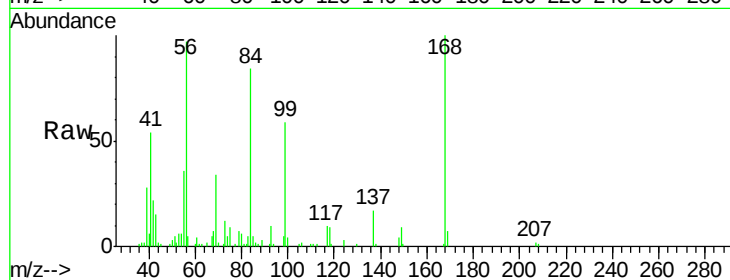
Tgt Ion: 56 Resp: 75219

Ion Ratio Lower Upper

56 100

69 34.8 25.9 38.9

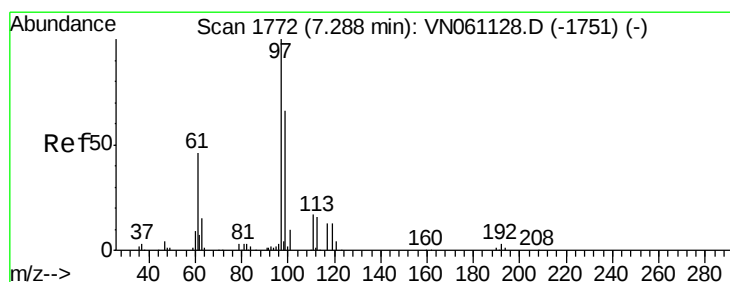
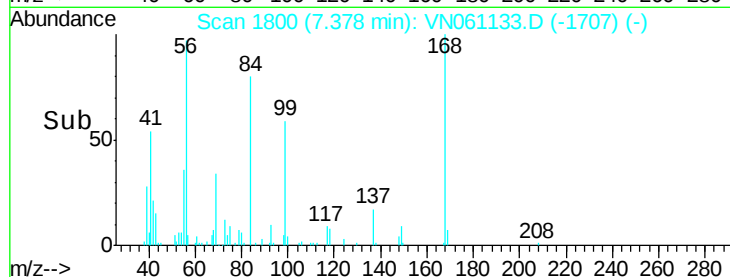
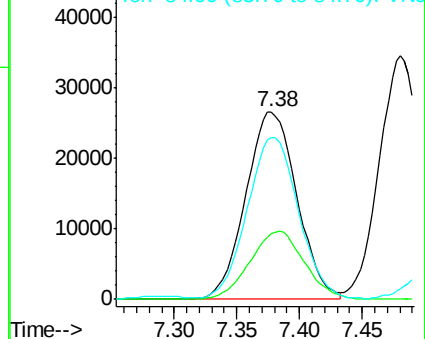
84 85.7 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.21 ug/l

RT: 7.29 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

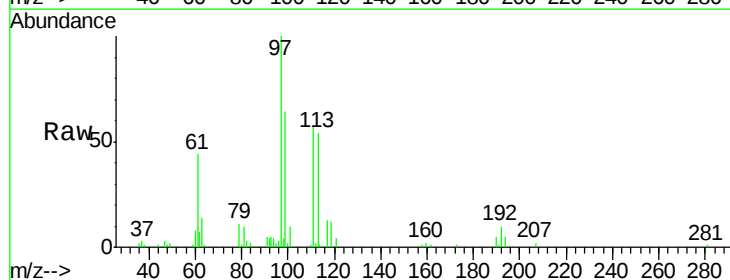
Tgt Ion: 97 Resp: 68809

Ion Ratio Lower Upper

97 100

99 64.9 52.0 78.0

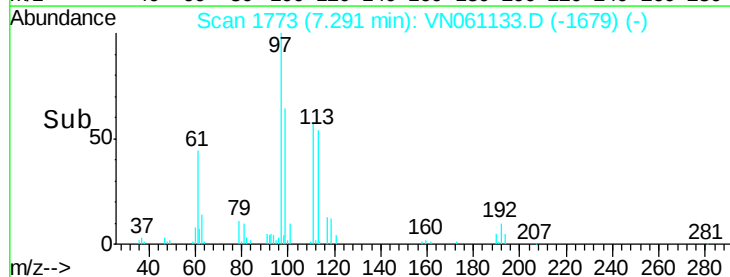
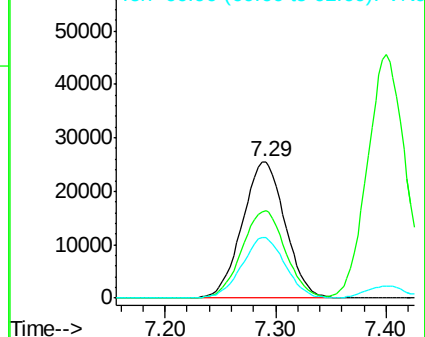
61 44.6 35.9 53.9

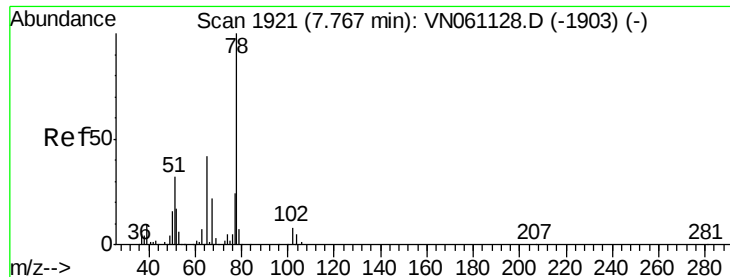


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

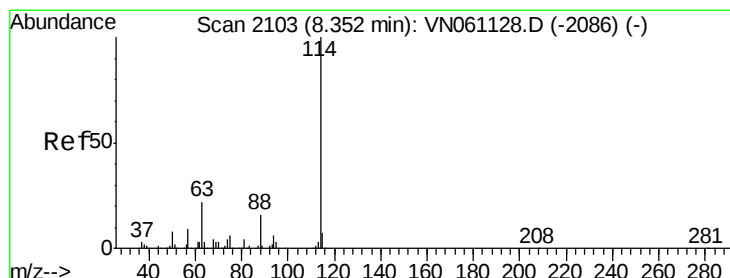
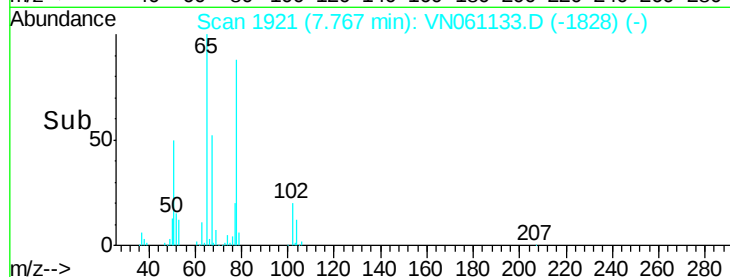
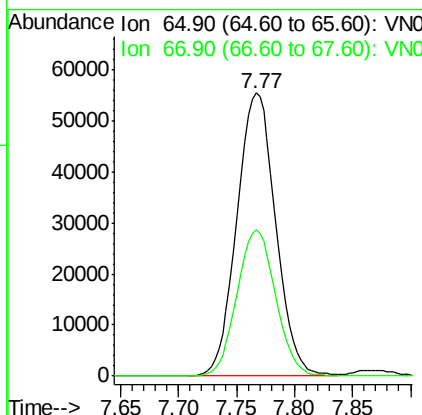
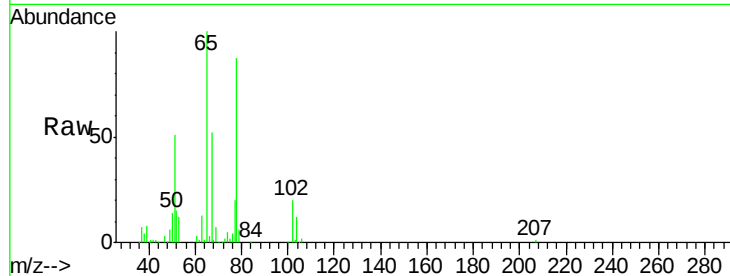




#33
 1,2-Dichloroethane-d4
 Concen: 49.67 ug/l
 RT: 7.77 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

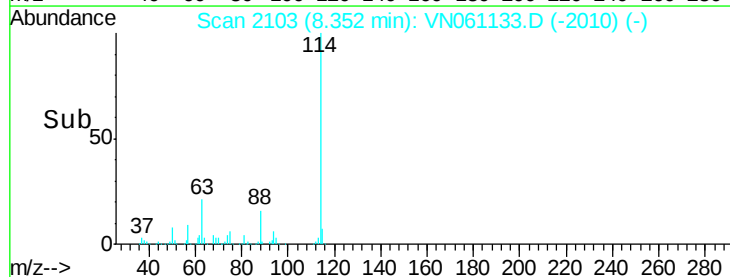
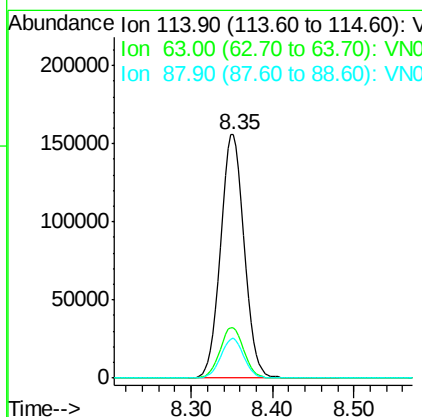
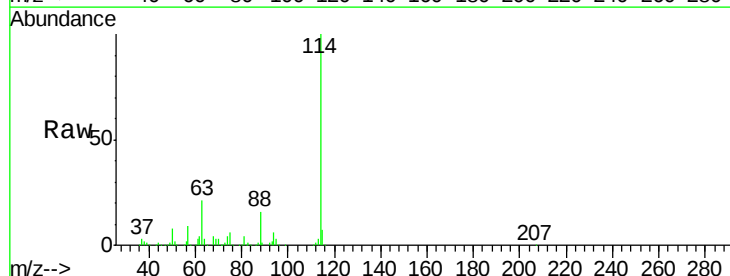
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS01

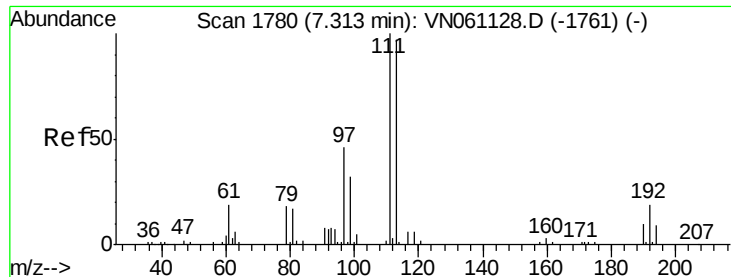
Tgt Ion: 65 Resp: 129237
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.35 min Scan# 2103
 Delta R.T. -0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

Tgt Ion: 114 Resp: 320712
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.2
 88 16.4 0.0 32.4

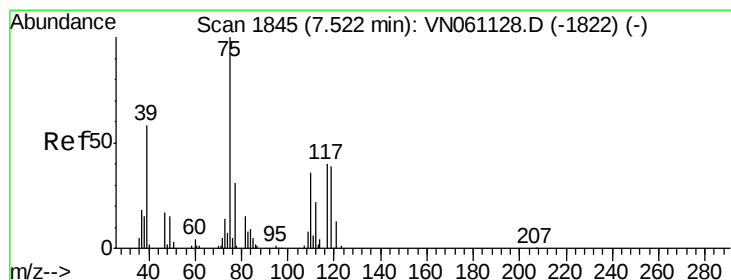
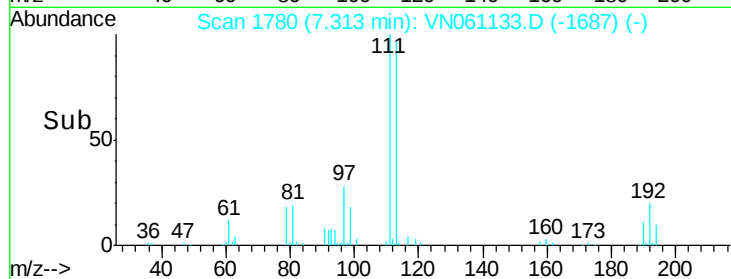
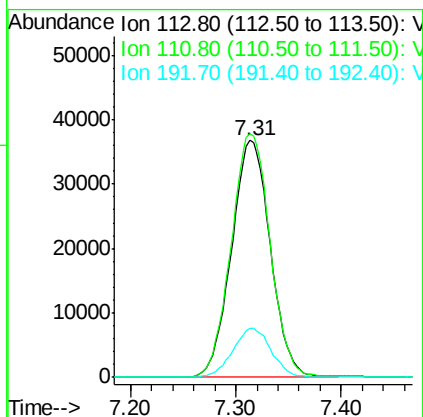
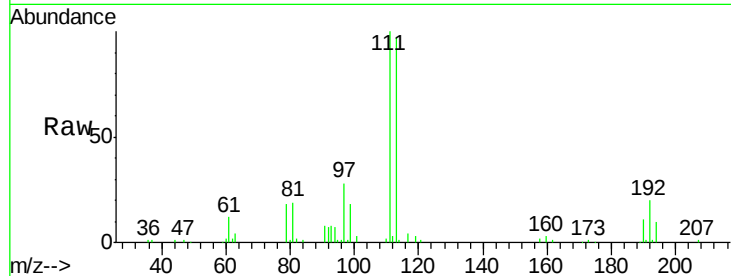




#35
 Dibromofluoromethane
 Concen: 51.39 ug/l
 RT: 7.31 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

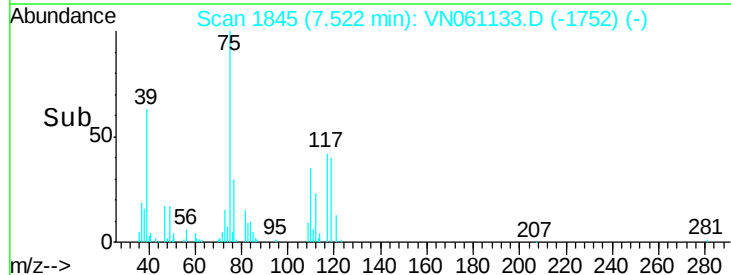
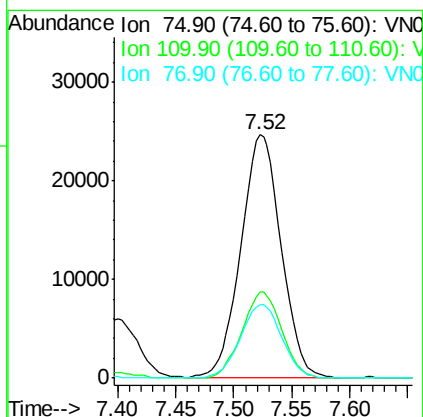
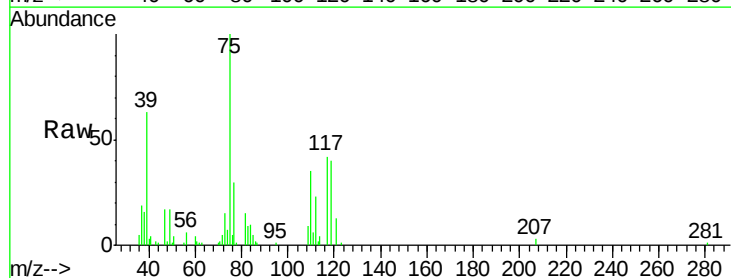
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS01

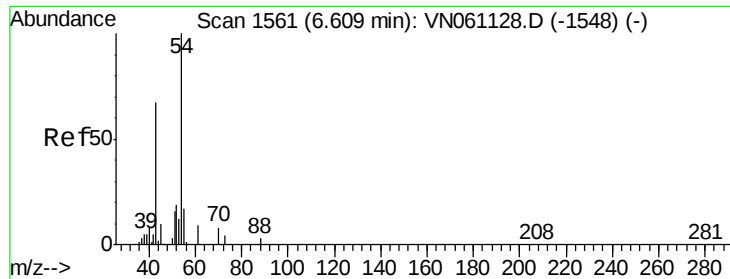
Tgt Ion: 113 Resp: 94052
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.0 124.6
 192 20.3 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 19.08 ug/l
 RT: 7.52 min Scan# 1845
 Delta R.T. -0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

Tgt Ion: 75 Resp: 59792
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.7 53.1
 77 31.0 24.8 37.2

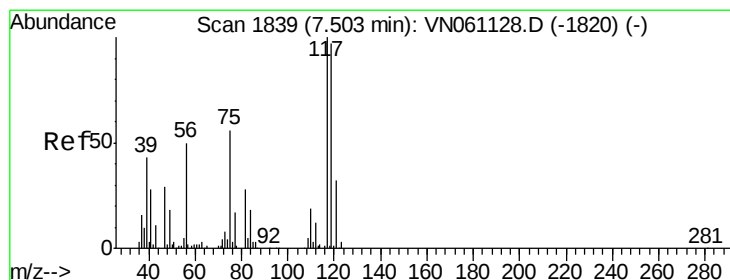
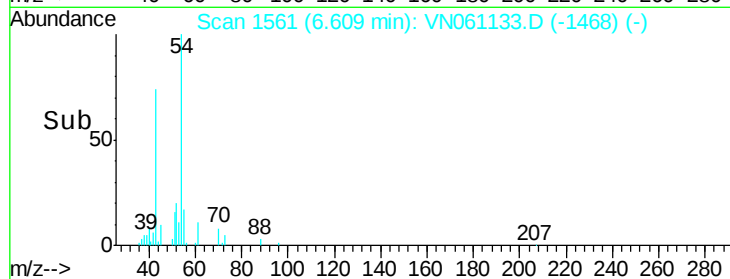
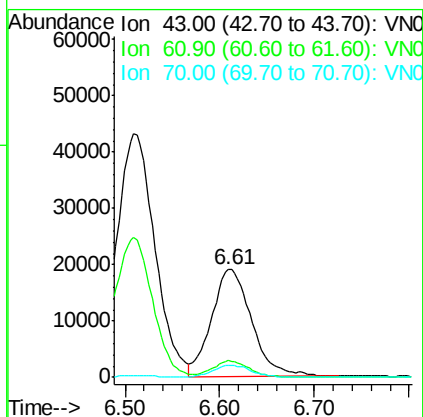
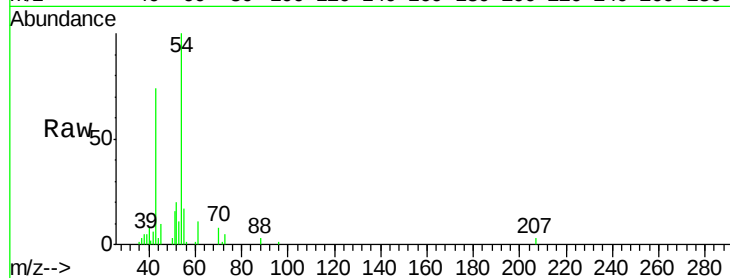




#37
Ethyl Acetate
Concen: 17.87 ug/l
RT: 6.61 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

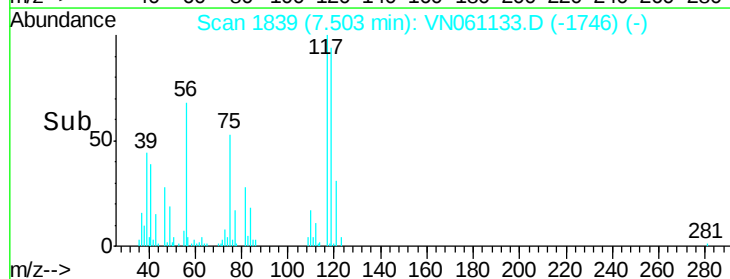
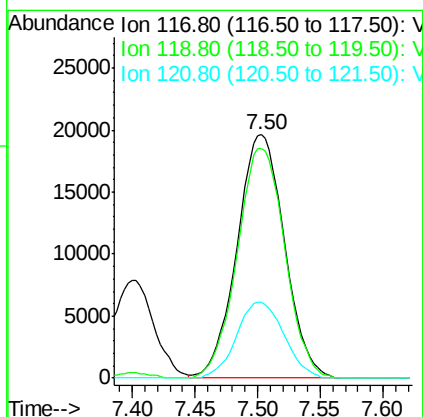
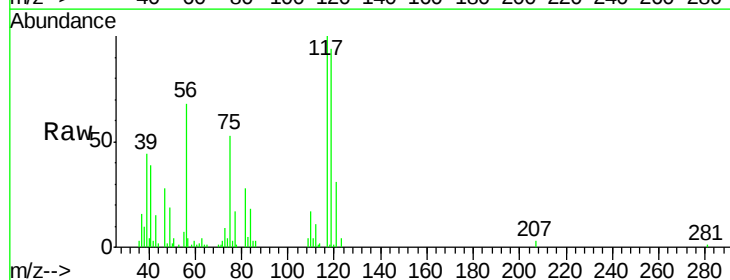
Instrument :
MSVOA_N
ClientSampled :
VN0422WBS01

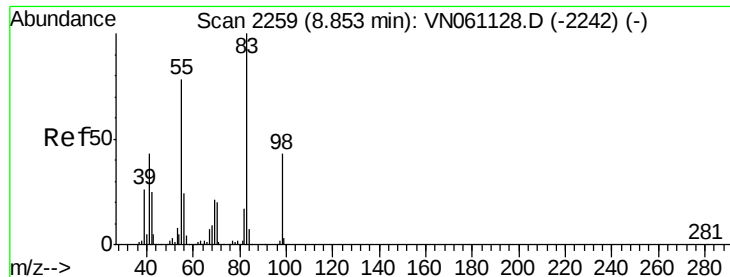
Tgt Ion: 43 Resp: 56127
Ion Ratio Lower Upper
43 100
61 14.2 11.4 17.0
70 10.6 8.2 12.4



#38
Carbon Tetrachloride
Concen: 18.84 ug/l
RT: 7.50 min Scan# 1839
Delta R.T. -0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

Tgt Ion: 117 Resp: 51693
Ion Ratio Lower Upper
117 100
119 94.5 76.9 115.3
121 31.0 25.0 37.6

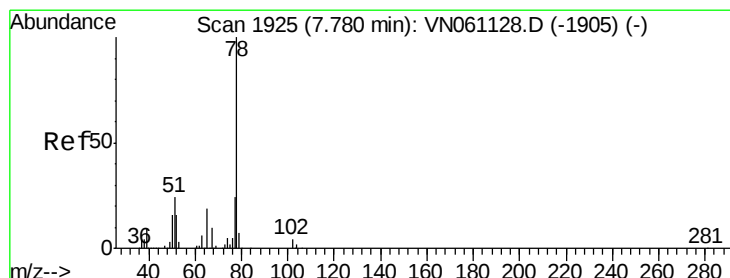
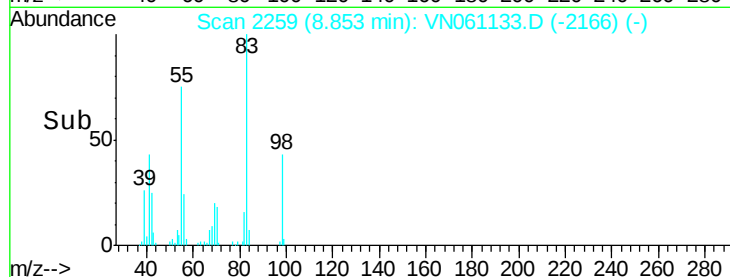
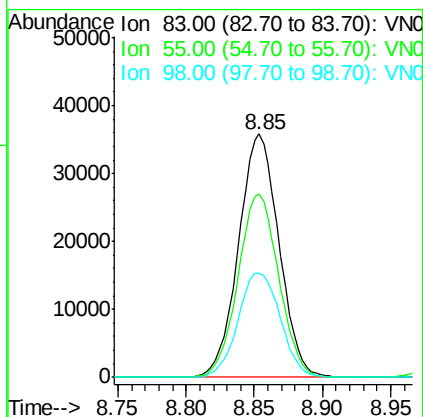
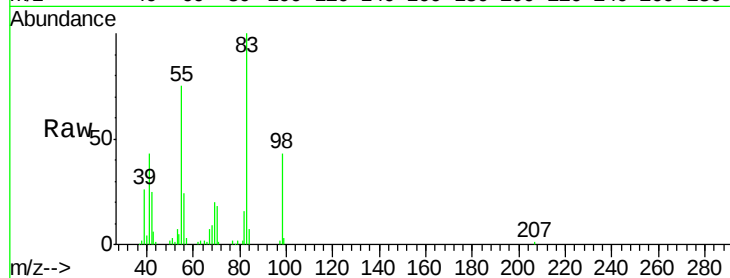




#39
Methylcyclohexane
Concen: 19.20 ug/l
RT: 8.85 min Scan# 2259
Delta R.T. -0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

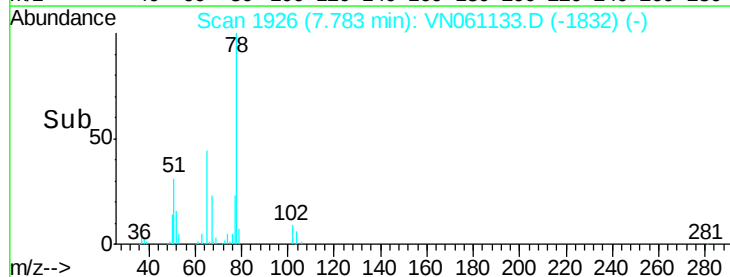
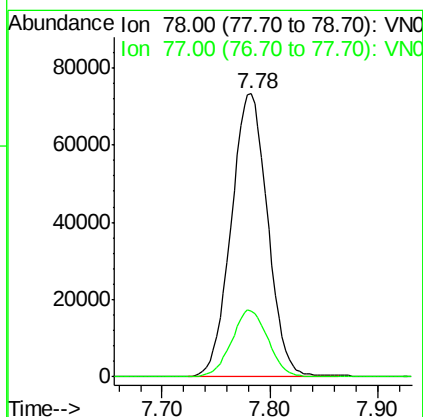
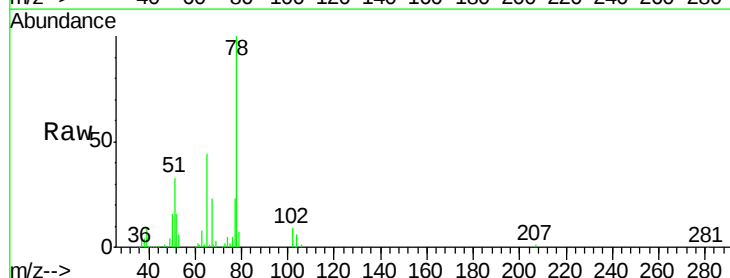
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01

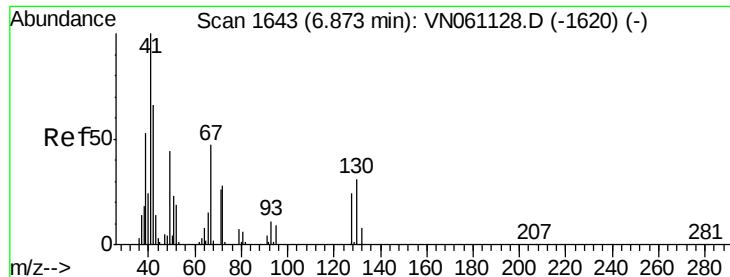
Tgt Ion: 83 Resp: 73598
Ion Ratio Lower Upper
83 100
55 75.4 62.2 93.4
98 43.0 34.7 52.1



#40
Benzene
Concen: 18.58 ug/l
RT: 7.78 min Scan# 1926
Delta R.T. 0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

Tgt Ion: 78 Resp: 172407
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6

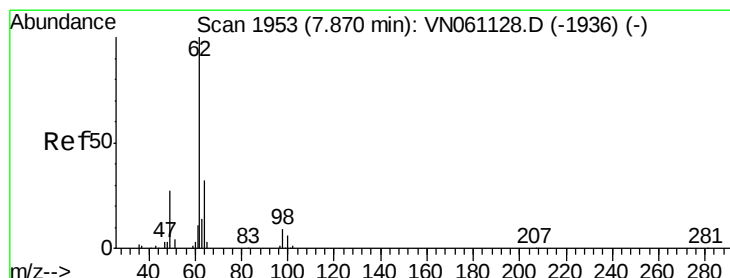
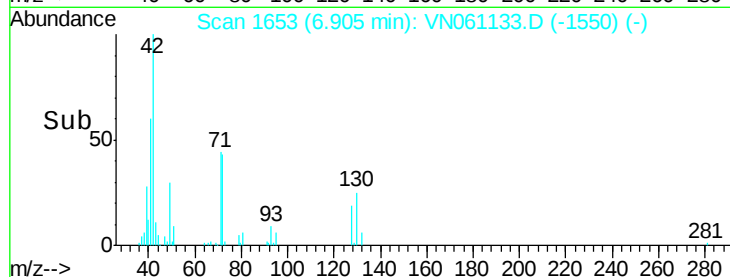
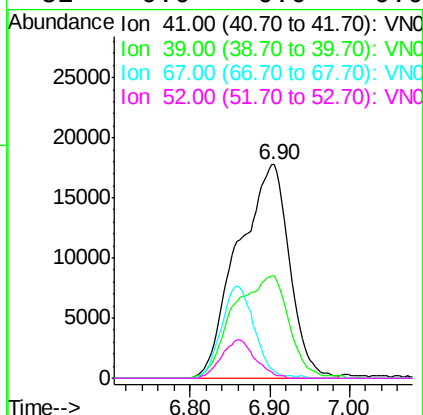
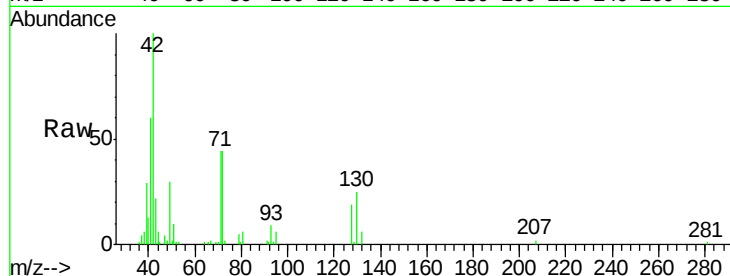




#41
Methacrylonitrile
Concen: 52.65 ug/l
RT: 6.90 min Scan# 1653
Delta R.T. 0.03 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

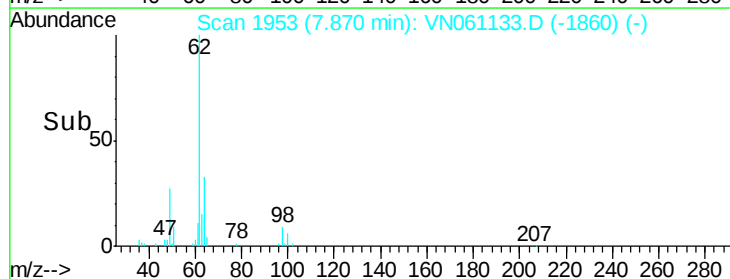
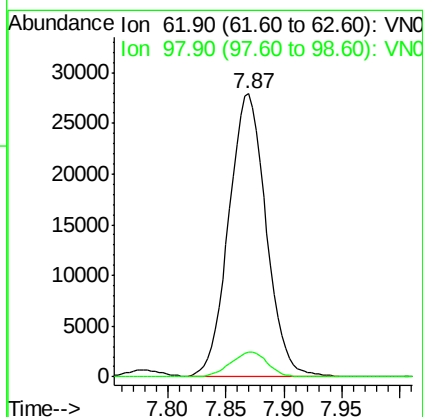
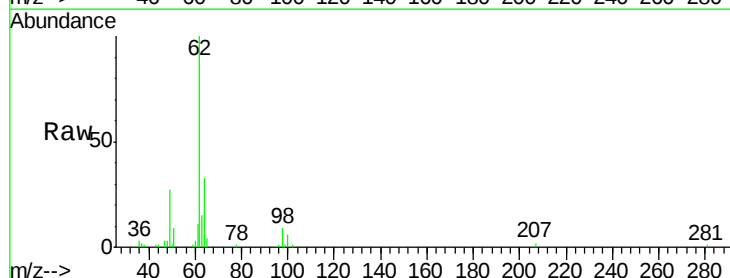
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01

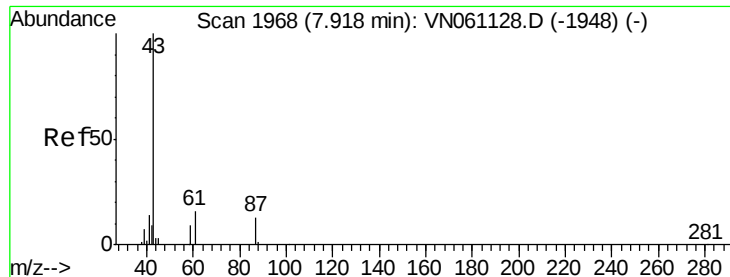
Tgt Ion:	41	Resp:	78518
Ion	Ratio	Lower	Upper
41	100		
39	51.6	119.4	179.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 18.96 ug/l
RT: 7.87 min Scan# 1953
Delta R.T. -0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

Tgt Ion:	62	Resp:	62686
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0

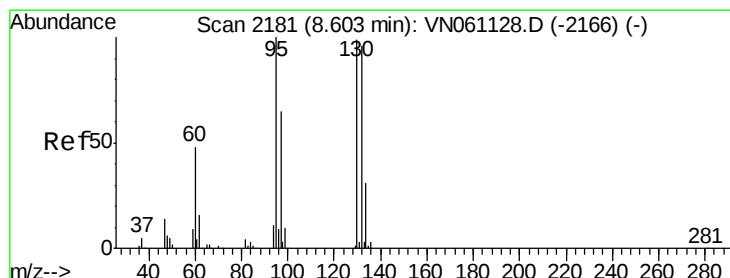
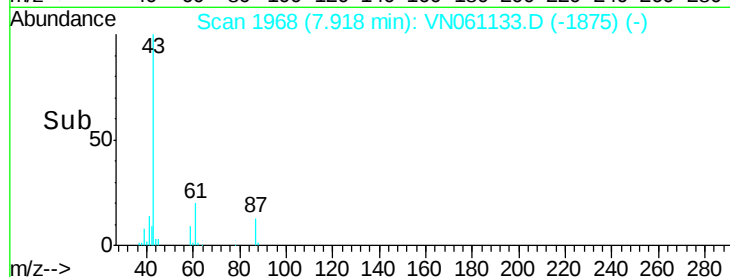
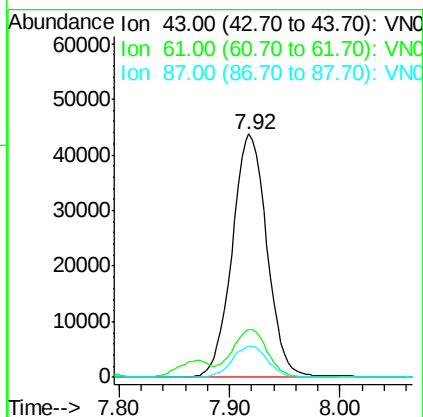
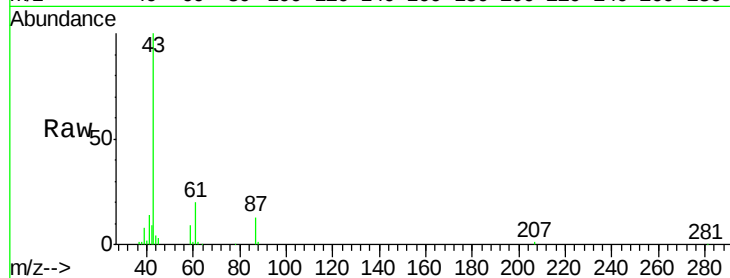




#43
Isopropyl Acetate
Concen: 17.94 ug/l
RT: 7.92 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

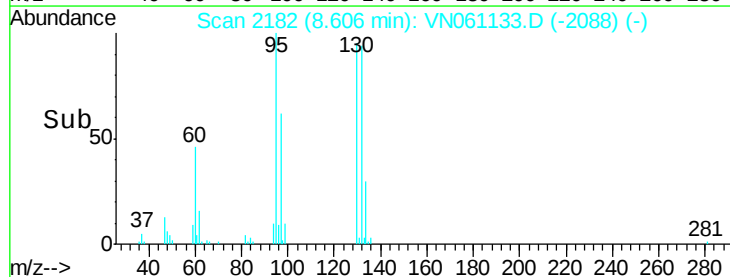
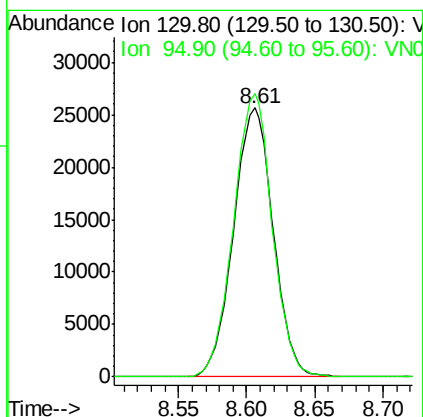
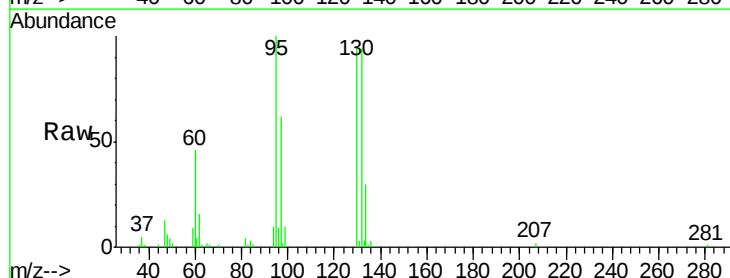
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01

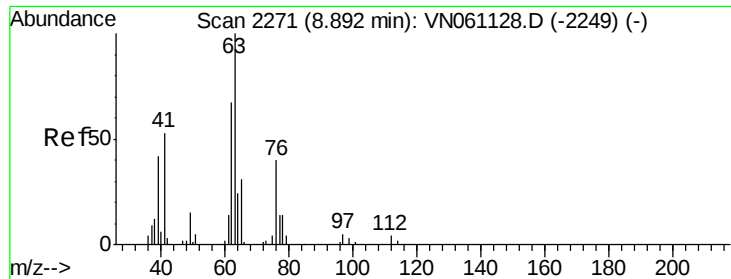
Tgt Ion: 43 Resp: 95731
Ion Ratio Lower Upper
43 100
61 20.0 15.5 23.3
87 13.1 10.2 15.4



#44
Trichloroethene
Concen: 19.17 ug/l
RT: 8.61 min Scan# 2182
Delta R.T. 0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

Tgt Ion: 130 Resp: 51740
Ion Ratio Lower Upper
130 100
95 105.1 0.0 202.6





#45

1,2-Dichloropropane

Concen: 18.54 ug/l

RT: 8.89 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

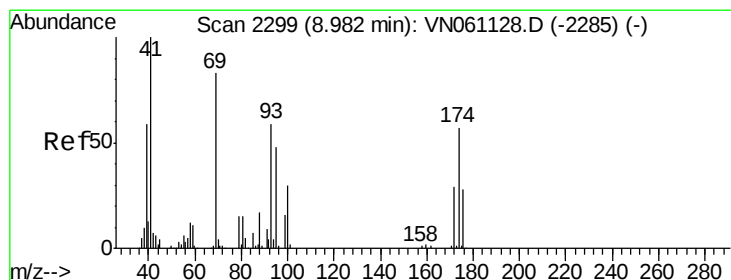
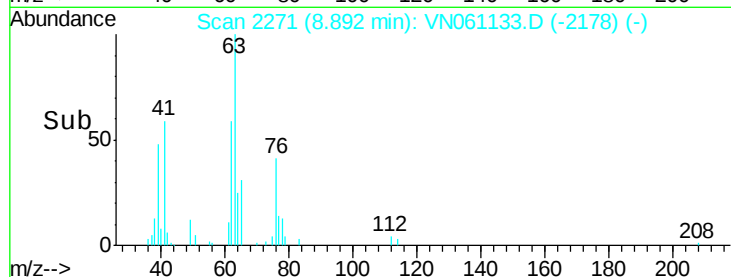
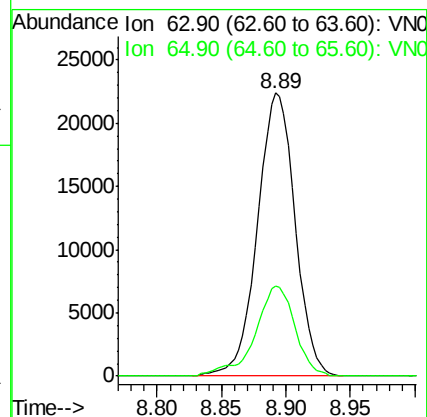
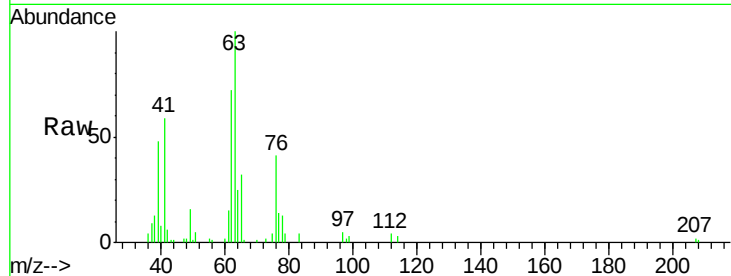
VN0422WBS01

Tgt Ion: 63 Resp: 45523

Ion Ratio Lower Upper

63 100

65 32.1 24.7 37.1



#46

Dibromomethane

Concen: 18.72 ug/l

RT: 8.98 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

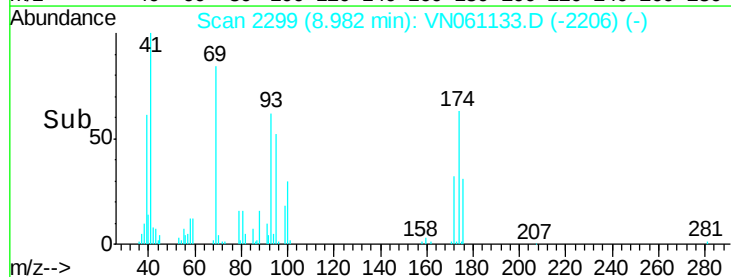
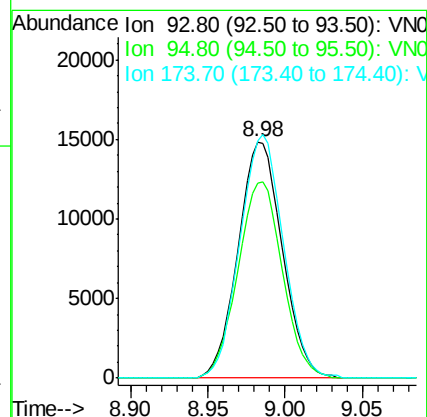
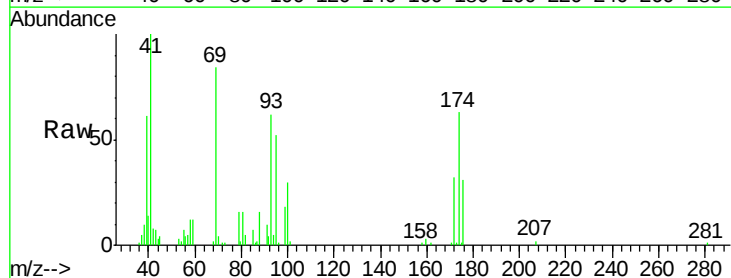
Tgt Ion: 93 Resp: 29458

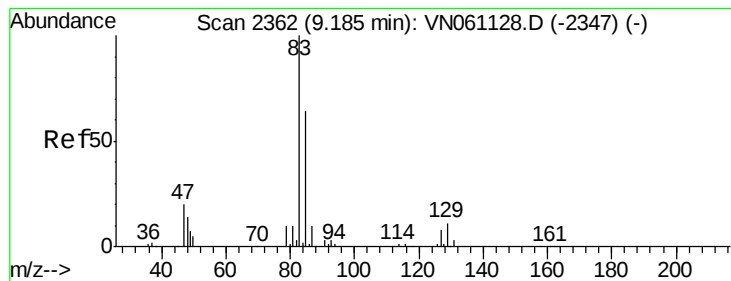
Ion Ratio Lower Upper

93 100

95 83.7 65.0 97.4

174 102.0 77.8 116.6





#47

Bromodichloromethane

Concen: 19.35 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01

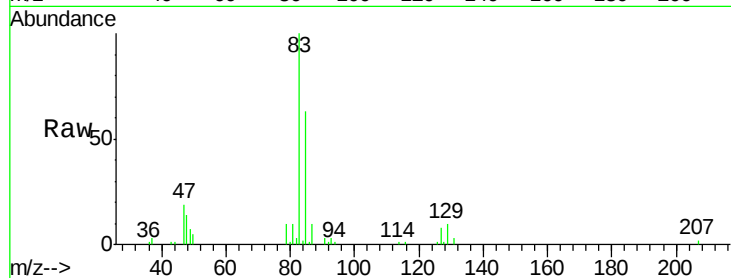
Tgt Ion: 83 Resp: 60017

Ion Ratio Lower Upper

83 100

85 62.7 51.4 77.2

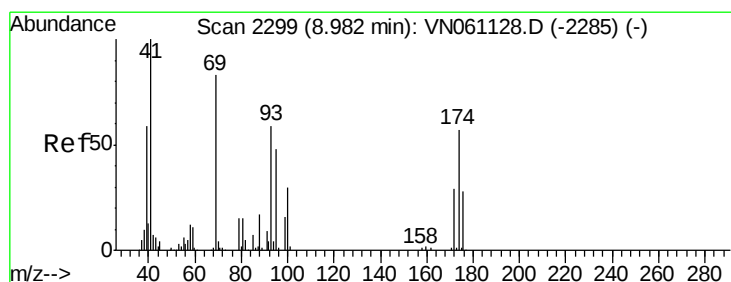
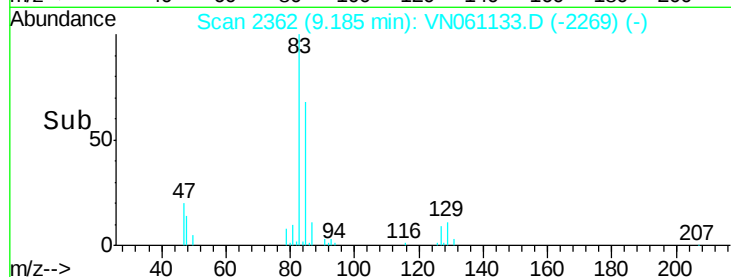
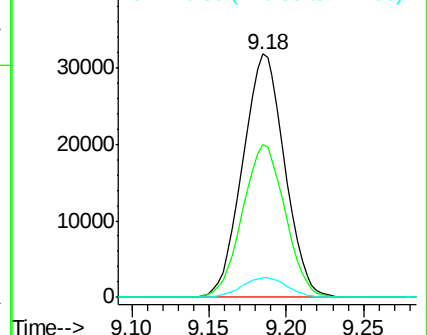
127 7.9 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 17.09 ug/l

RT: 8.98 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

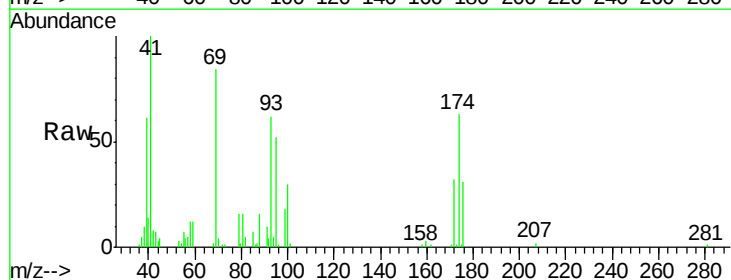
Tgt Ion: 41 Resp: 42942

Ion Ratio Lower Upper

41 100

69 84.2 65.4 98.2

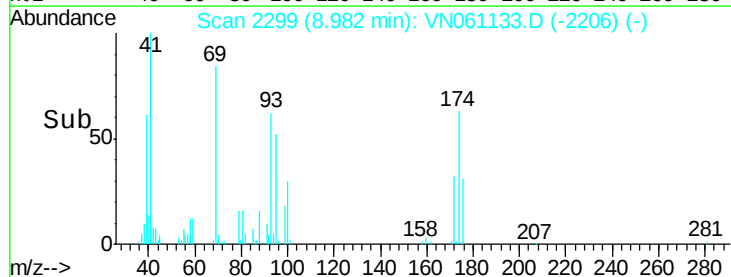
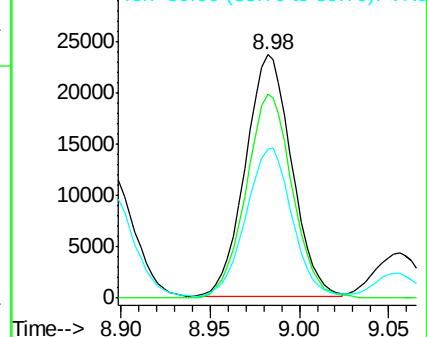
39 62.8 47.8 71.6

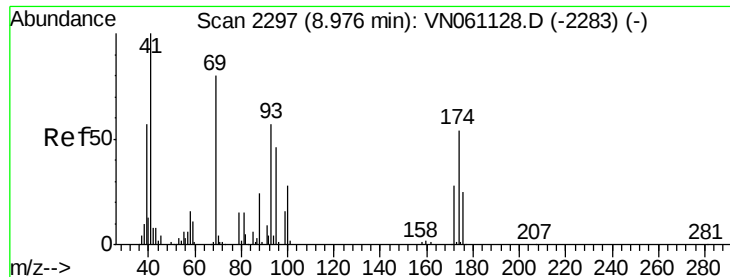


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

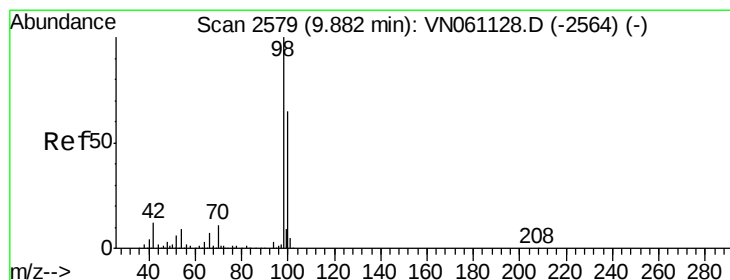
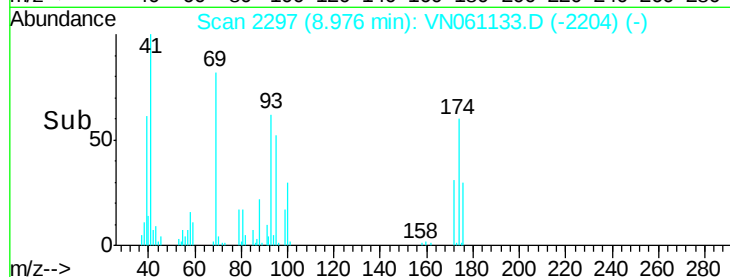
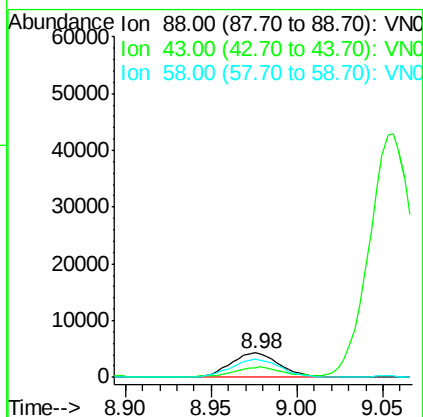
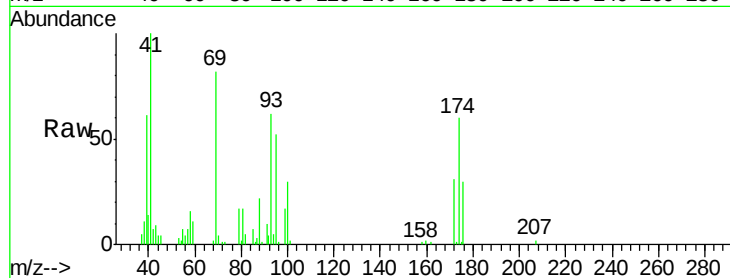




#49
1,4-Dioxane
Concen: 269.96 ug/l
RT: 8.98 min Scan# 2297
Delta R.T. 0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

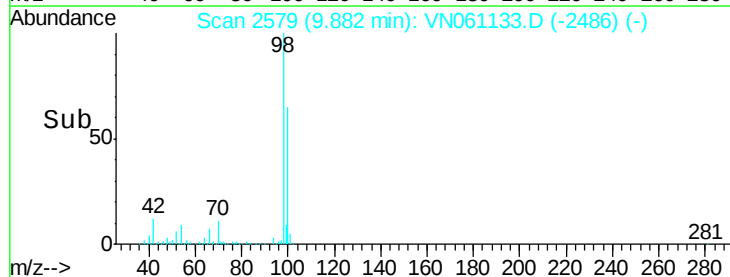
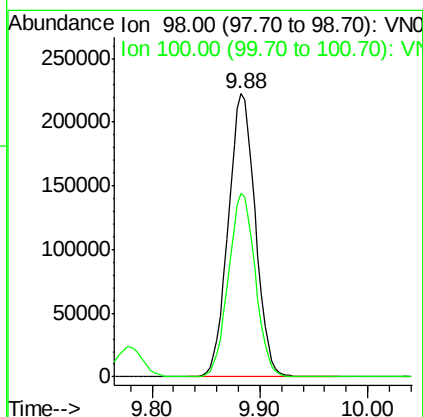
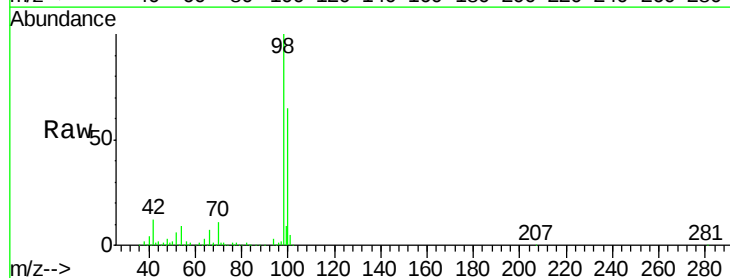
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01

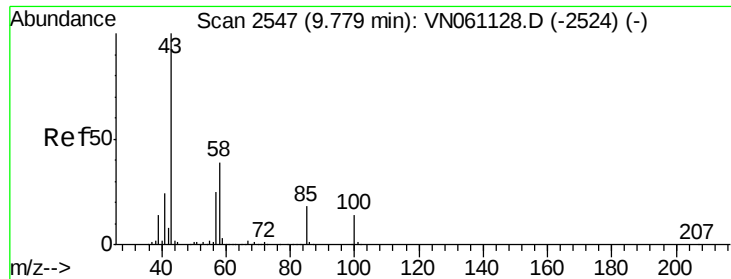
Tgt Ion: 88 Resp: 8499
Ion Ratio Lower Upper
88 100
43 45.1 29.0 43.4#
58 74.1 57.8 86.6



#50
Toluene-d8
Concen: 49.57 ug/l
RT: 9.88 min Scan# 2579
Delta R.T. -0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

Tgt Ion: 98 Resp: 388805
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

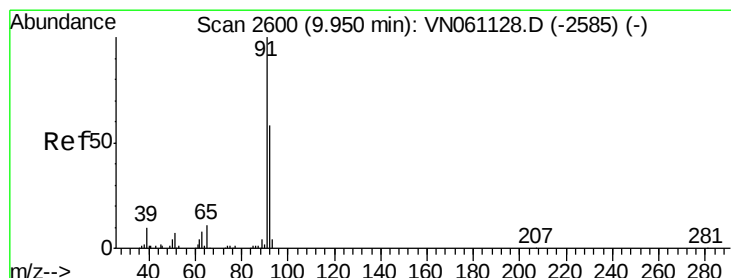
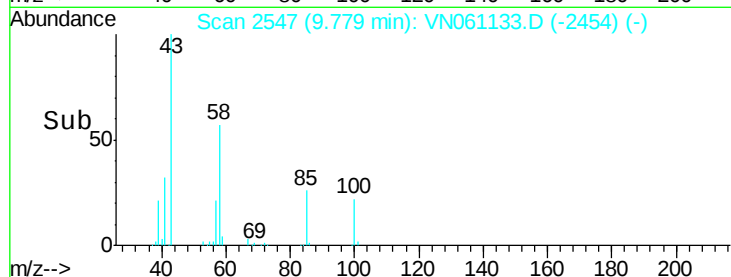
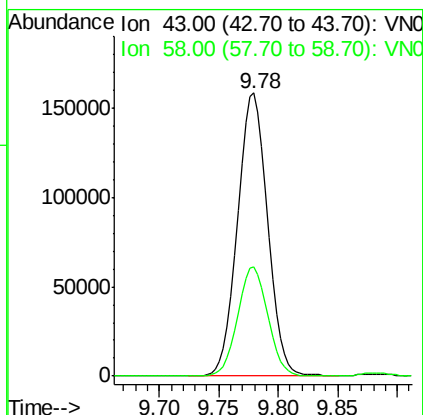
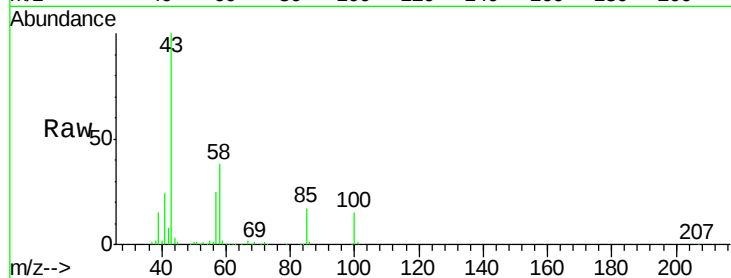




#51
 4-Methyl-2-Pentanone
 Concen: 89.22 ug/l
 RT: 9.78 min Scan# 2547
 Delta R.T. -0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

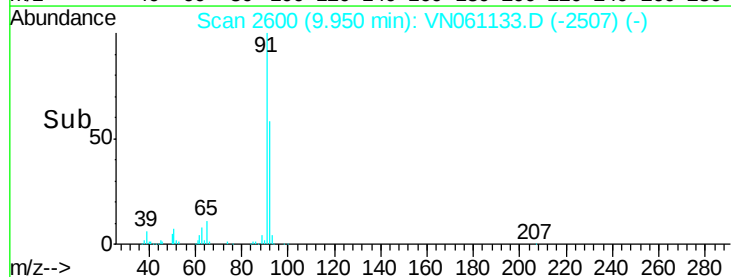
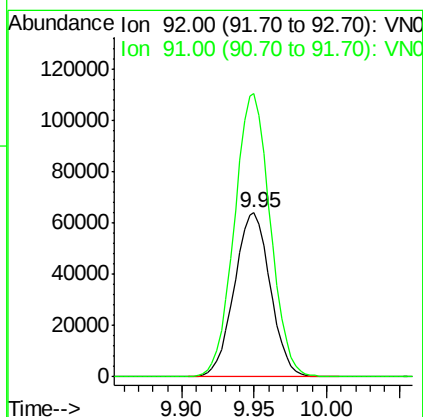
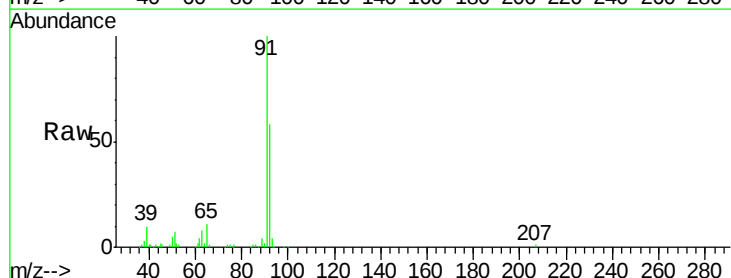
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS01

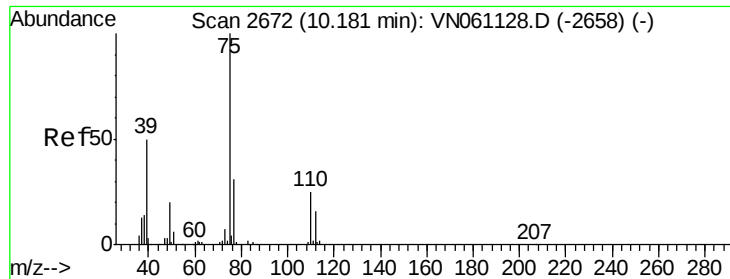
Tgt Ion: 43 Resp: 277836
 Ion Ratio Lower Upper
 43 100
 58 38.6 31.0 46.6



#52
 Toluene
 Concen: 18.94 ug/l
 RT: 9.95 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

Tgt Ion: 92 Resp: 110038
 Ion Ratio Lower Upper
 92 100
 91 172.5 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 18.49 ug/l

RT: 10.18 min Scan# 2672

Delta R.T. -0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

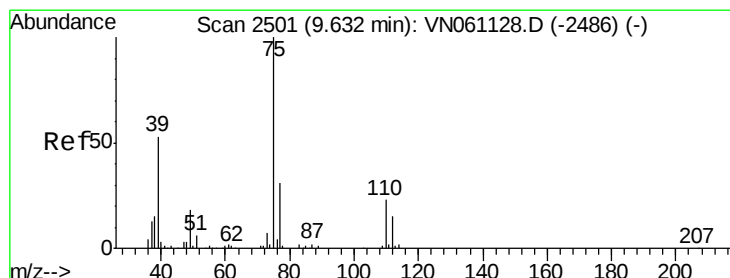
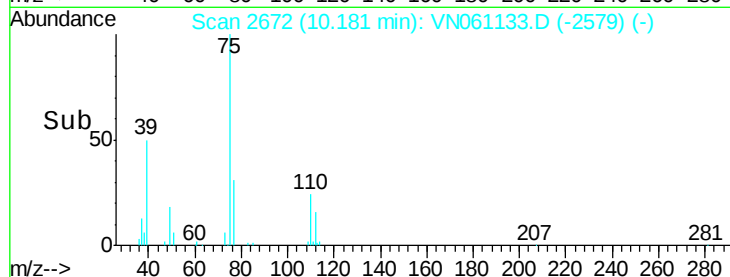
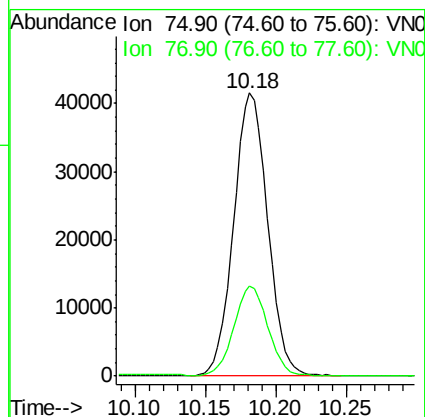
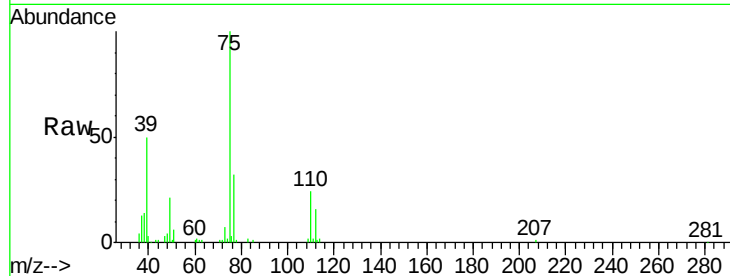
VN0422WBS01

Tgt Ion: 75 Resp: 70173

Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 18.88 ug/l

RT: 9.63 min Scan# 2501

Delta R.T. -0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

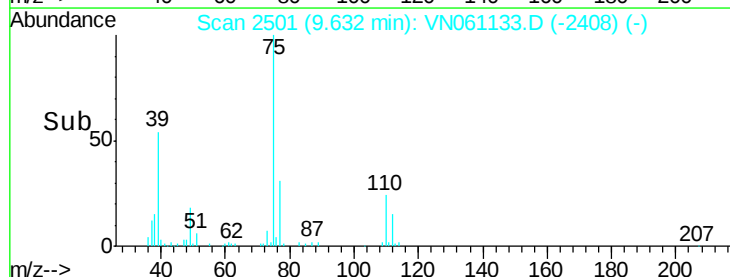
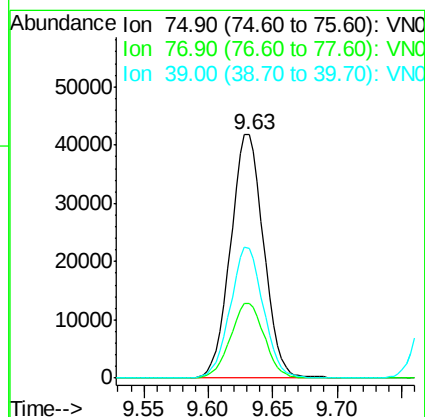
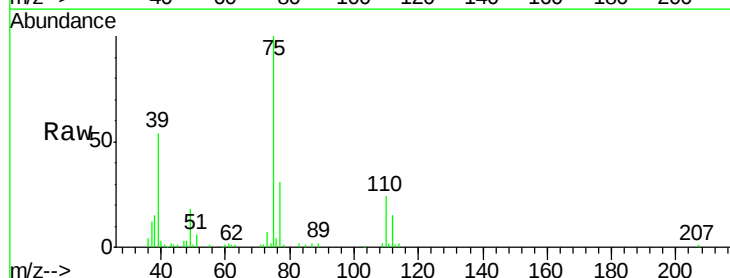
Tgt Ion: 75 Resp: 74547

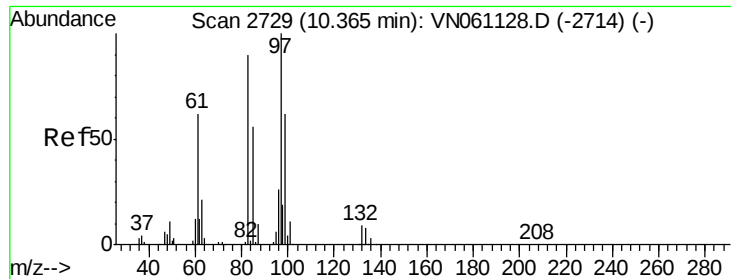
Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8

39 53.5 42.1 63.1





#55

1,1,2-Trichloroethane

Concen: 19.00 ug/l

RT: 10.36 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01

Tgt Ion: 97 Resp: 42523

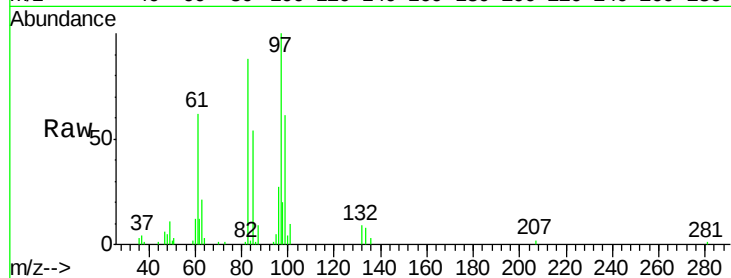
Ion Ratio Lower Upper

97 100

83 88.3 71.8 107.6

85 53.9 45.0 67.6

99 61.1 49.8 74.8

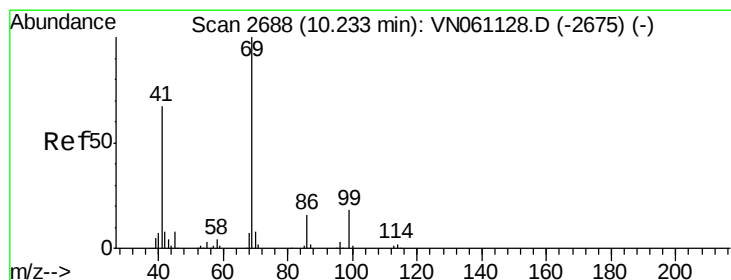
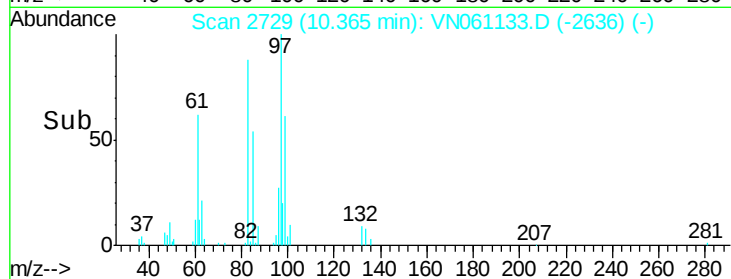
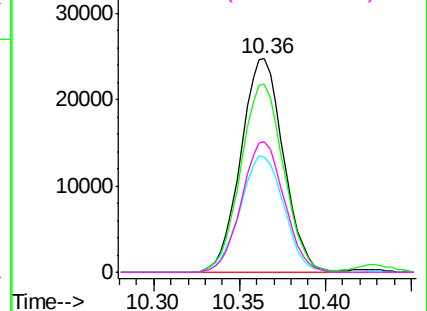


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.28 ug/l

RT: 10.24 min Scan# 2689

Delta R.T. 0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

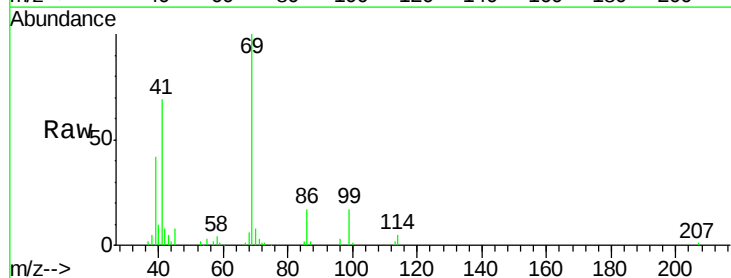
Tgt Ion: 69 Resp: 62359

Ion Ratio Lower Upper

69 100

41 68.6 54.0 81.0

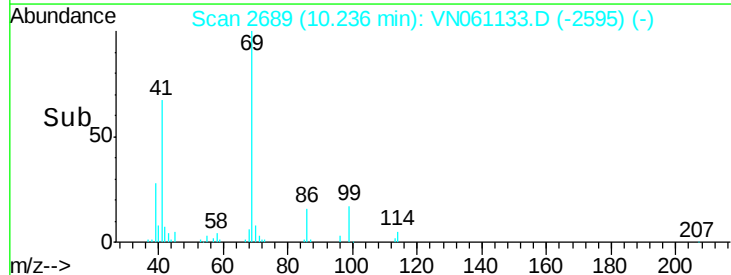
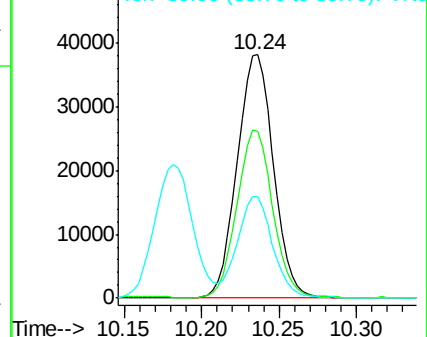
39 40.5 31.4 47.0

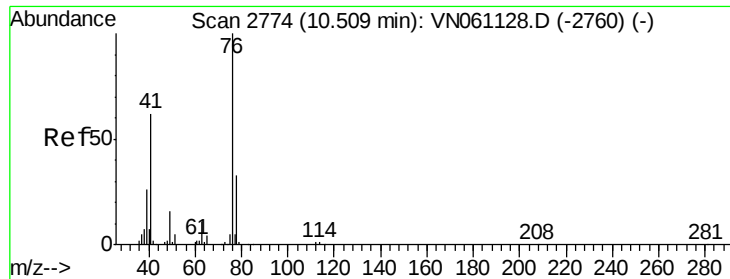


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 18.73 ug/l

RT: 10.51 min Scan# 2774

Delta R.T. -0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

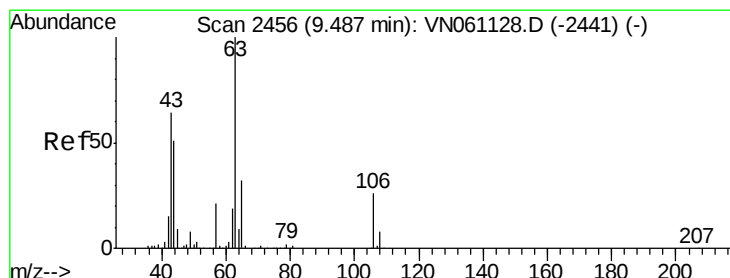
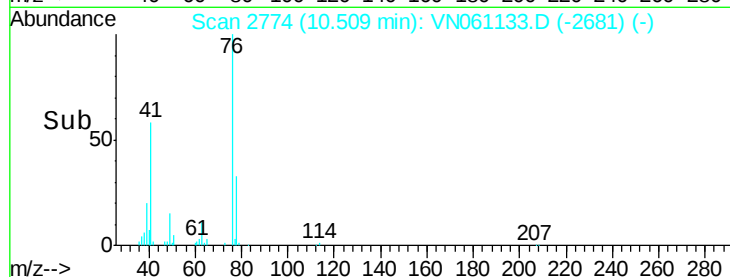
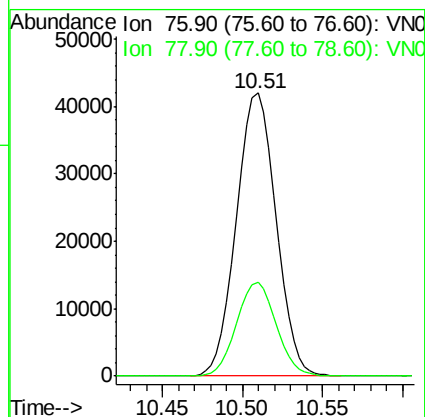
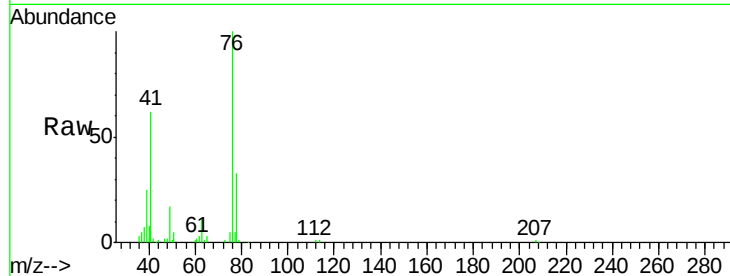
VN0422WBS01

Tgt Ion: 76 Resp: 71153

Ion Ratio Lower Upper

76 100

78 33.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 93.61 ug/l

RT: 9.49 min Scan# 2456

Delta R.T. -0.00 min

Lab File: VN061133.D

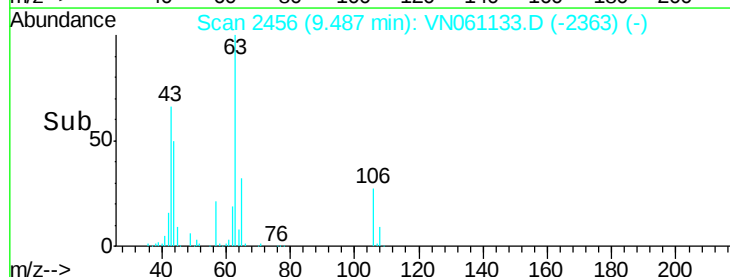
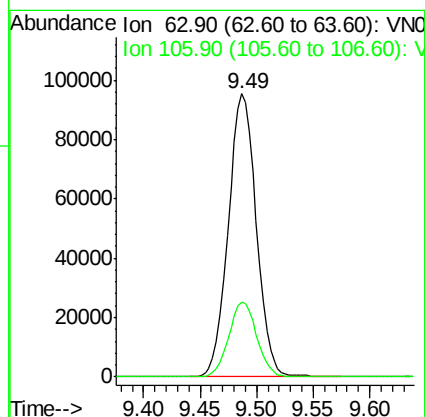
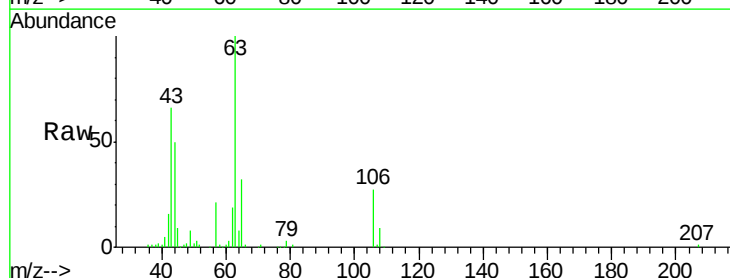
Acq: 22 Apr 2020 17:39

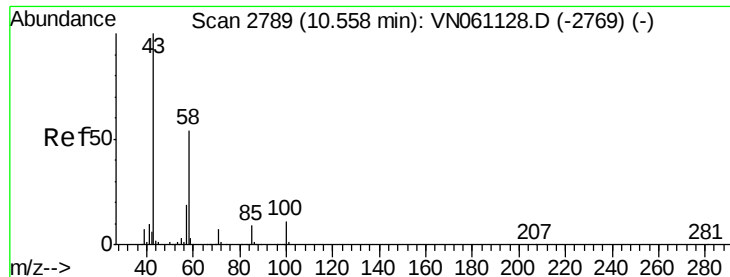
Tgt Ion: 63 Resp: 164636

Ion Ratio Lower Upper

63 100

106 26.4 21.3 31.9





#59

2-Hexanone

Concen: 86.89 ug/l

RT: 10.56 min Scan# 2789

Delta R.T. -0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

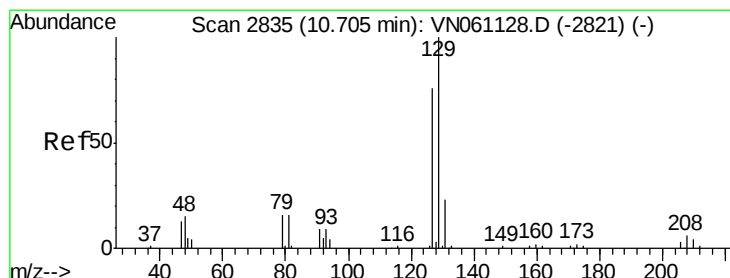
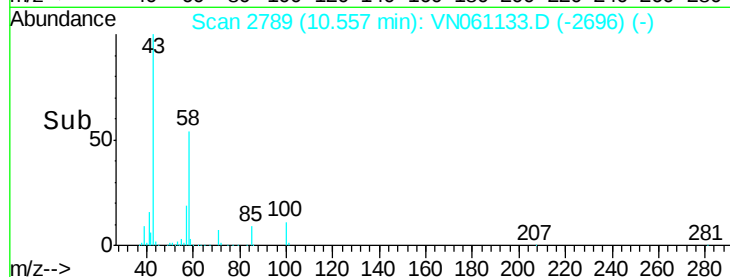
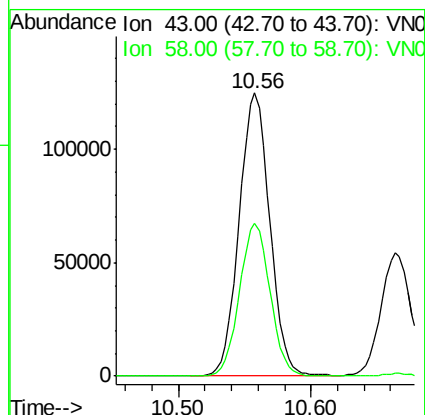
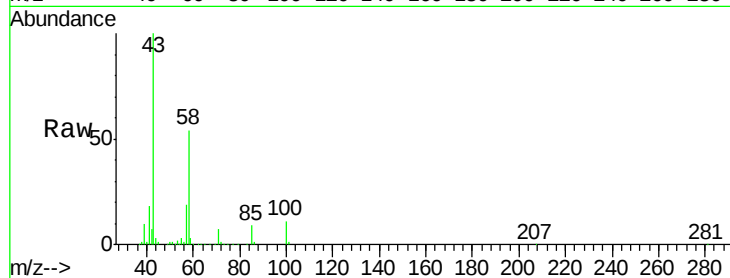
VN0422WBS01

Tgt Ion: 43 Resp: 199903

Ion Ratio Lower Upper

43 100

58 54.0 26.9 80.6



#60

Dibromochloromethane

Concen: 18.67 ug/l

RT: 10.71 min Scan# 2835

Delta R.T. -0.00 min

Lab File: VN061133.D

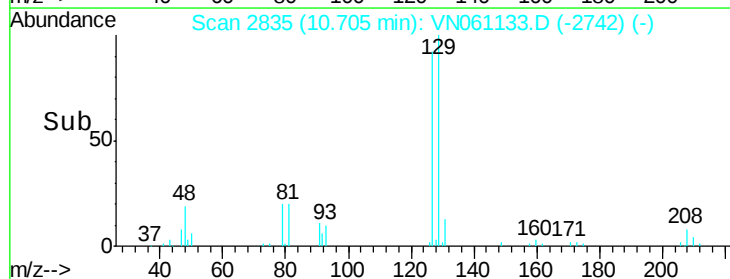
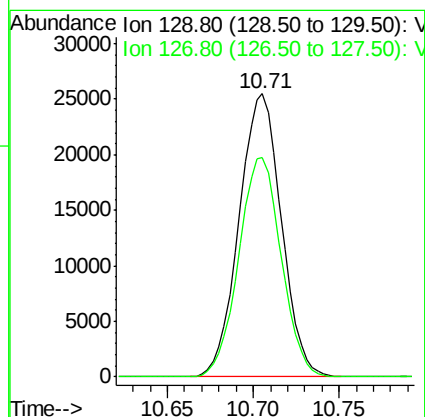
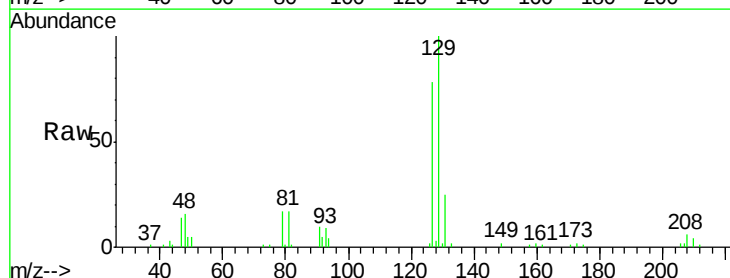
Acq: 22 Apr 2020 17:39

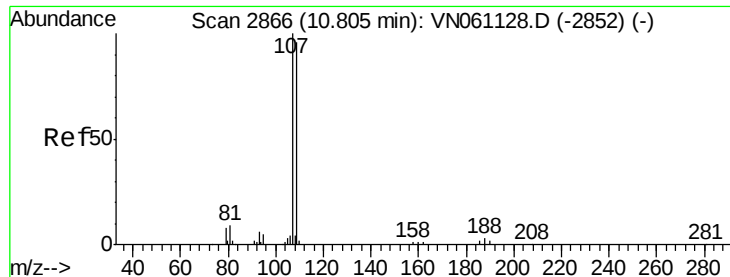
Tgt Ion: 129 Resp: 43690

Ion Ratio Lower Upper

129 100

127 77.8 38.4 115.2

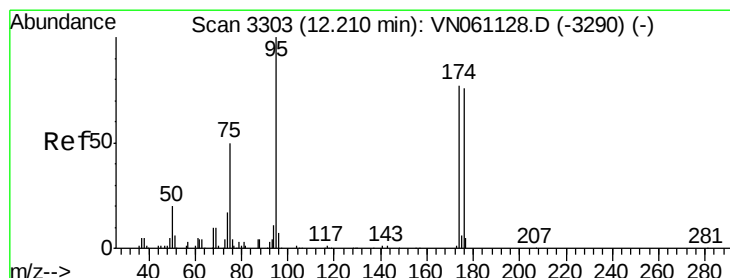
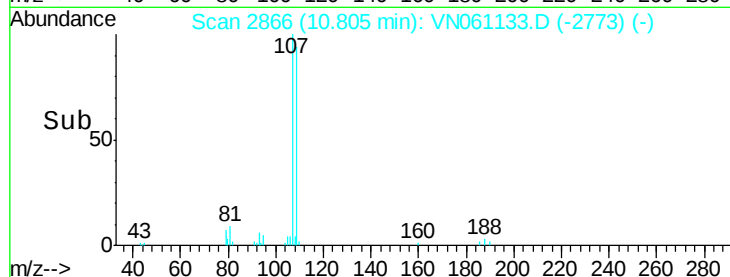
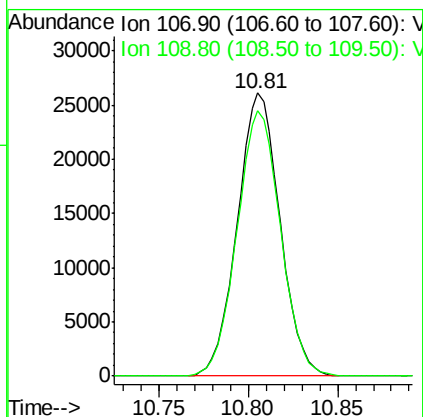
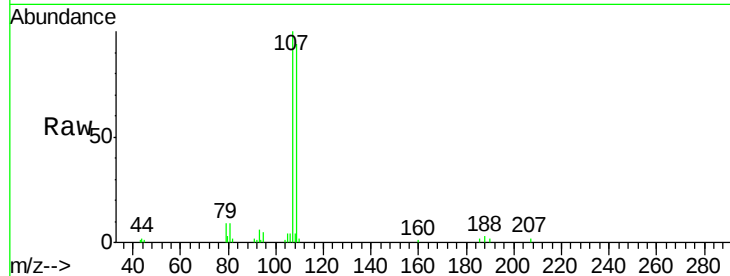




#61
 1,2-Dibromoethane
 Concen: 18.92 ug/l
 RT: 10.81 min Scan# 2866
 Delta R.T. -0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

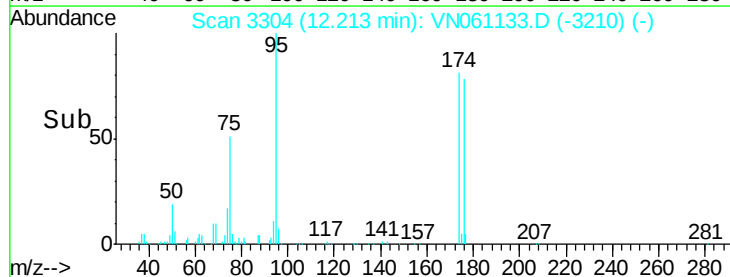
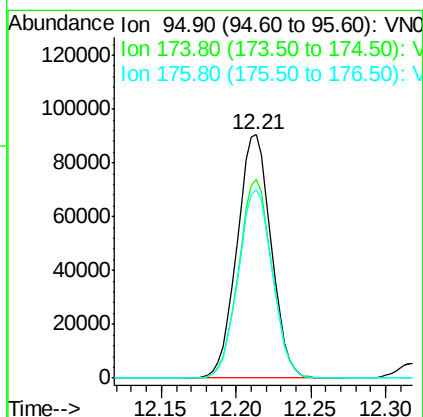
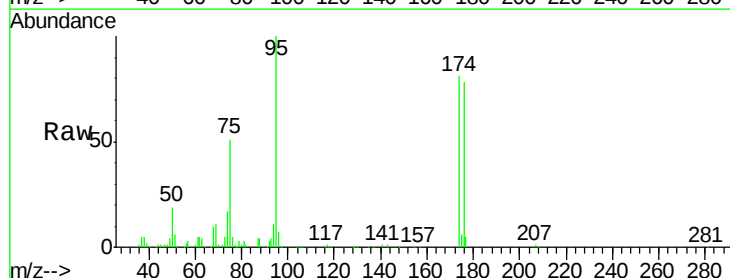
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS01

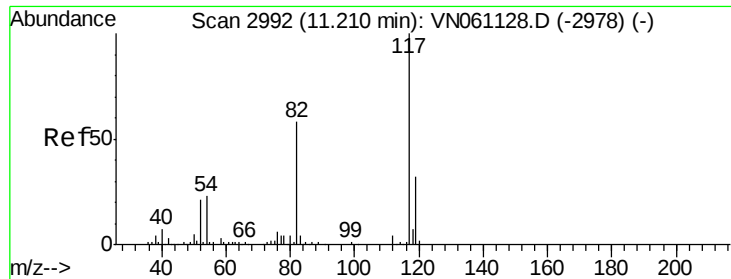
Tgt Ion: 107 Resp: 43651
 Ion Ratio Lower Upper
 107 100
 109 95.6 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 48.90 ug/l
 RT: 12.21 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

Tgt Ion: 95 Resp: 143641
 Ion Ratio Lower Upper
 95 100
 174 80.3 0.0 157.6
 176 77.7 0.0 154.4

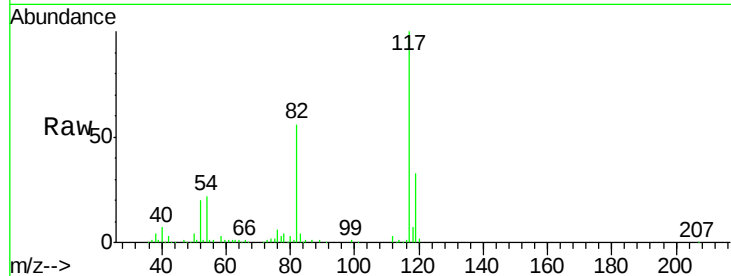




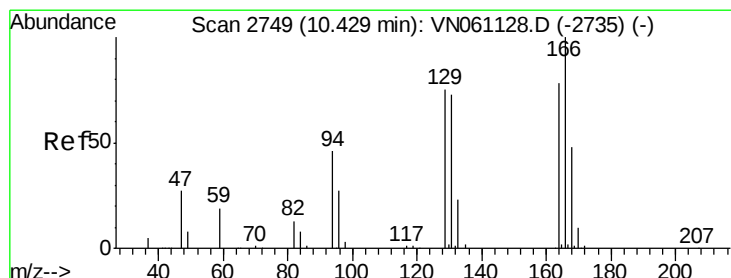
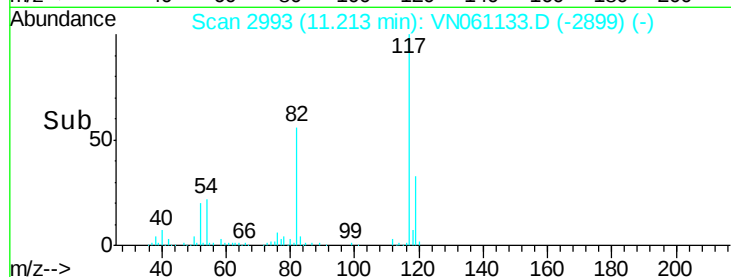
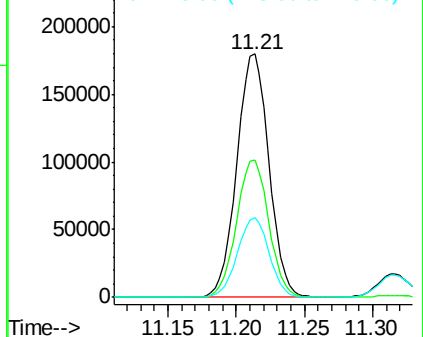
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.21 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01

Tgt Ion:117 Resp: 294774
Ion Ratio Lower Upper
117 100
82 56.3 46.0 69.0
119 32.6 25.9 38.9

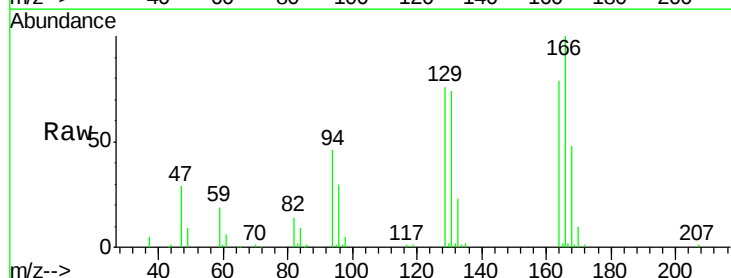


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

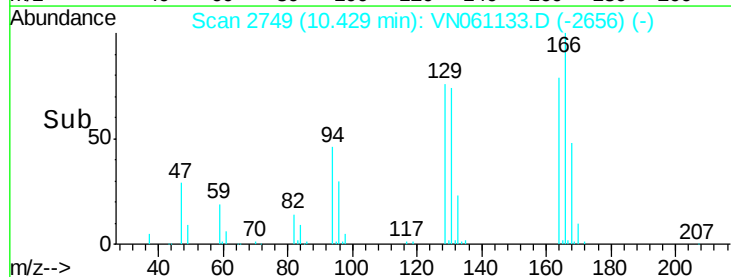
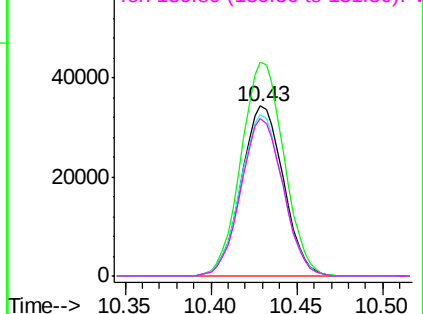


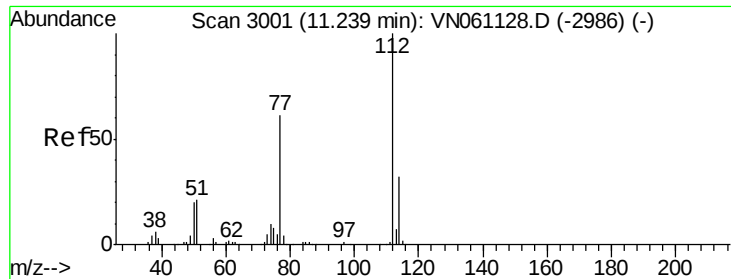
#64
Tetrachloroethene
Concen: 19.36 ug/l
RT: 10.43 min Scan# 2749
Delta R.T. -0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

Tgt Ion:164 Resp: 58436
Ion Ratio Lower Upper
164 100
166 125.9 101.9 152.9
129 95.3 76.5 114.7
131 92.8 74.2 111.4



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

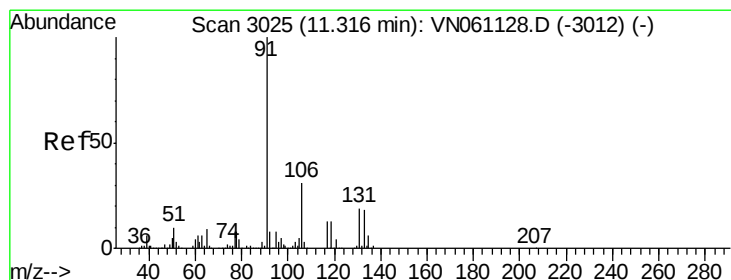
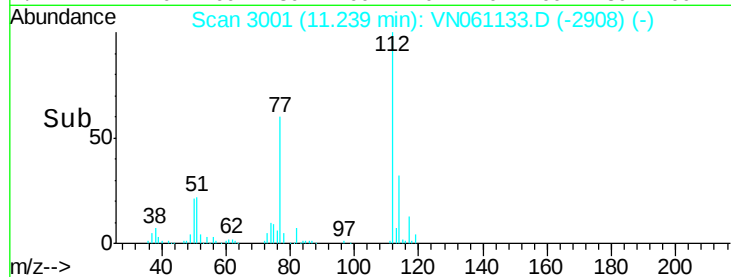
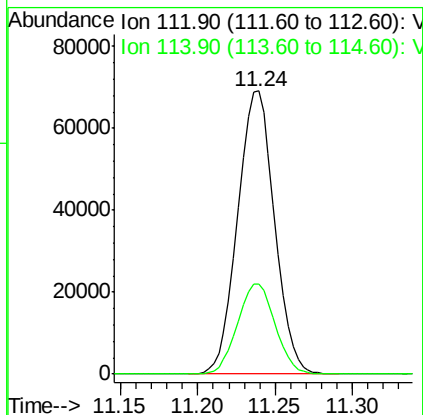
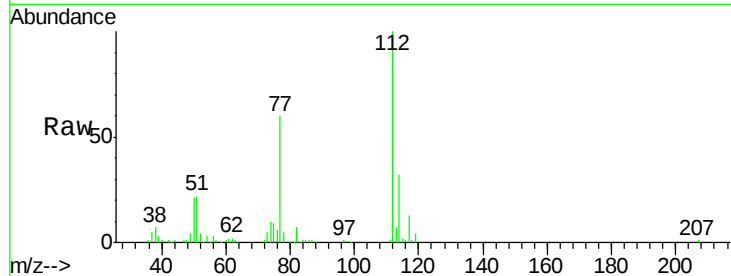




#65
Chlorobenzene
Concen: 19.10 ug/l
RT: 11.24 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

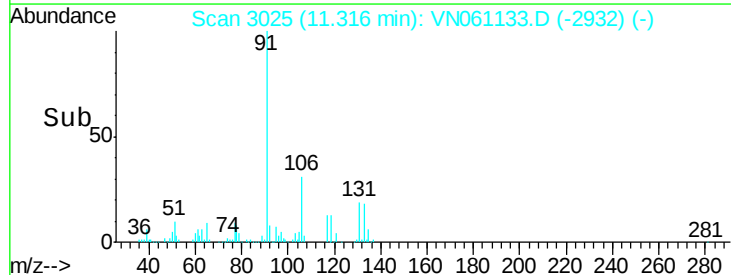
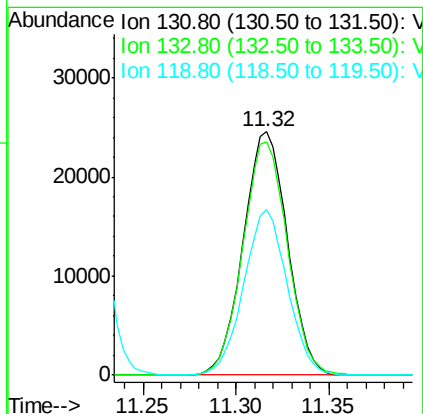
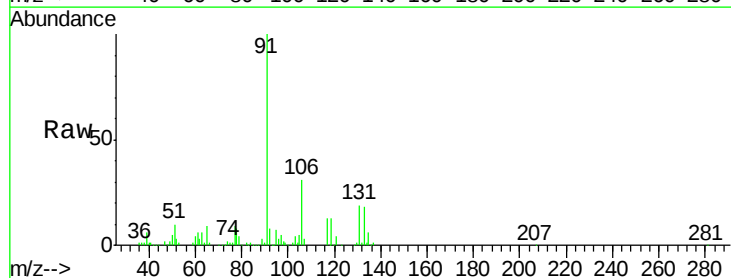
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01

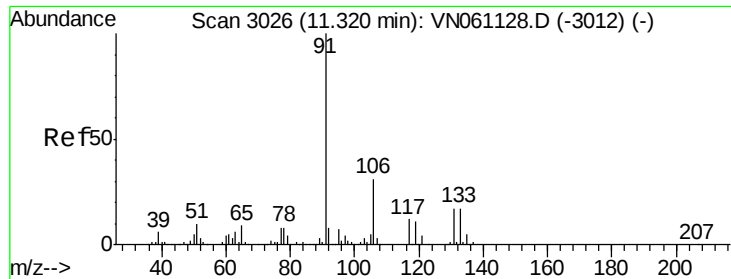
Tgt Ion:112 Resp: 114448
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.22 ug/l
RT: 11.32 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

Tgt Ion:131 Resp: 40817
Ion Ratio Lower Upper
131 100
133 96.7 48.2 144.6
119 66.9 33.1 99.5

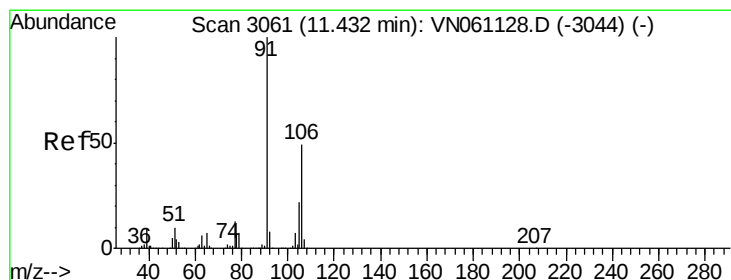
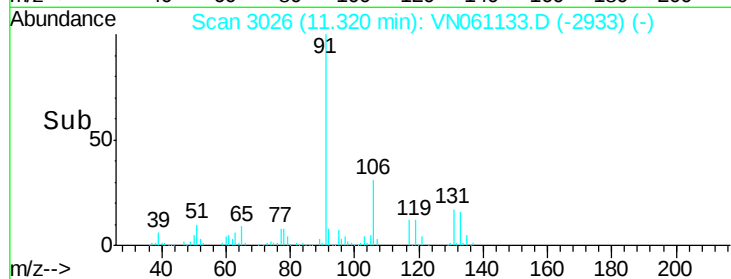
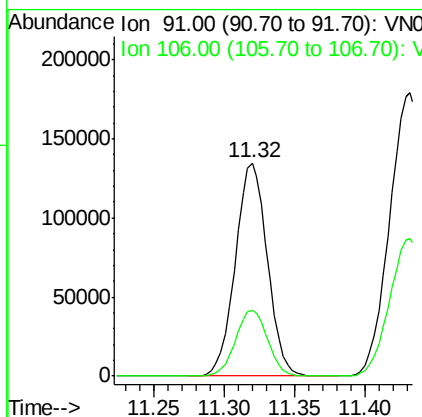
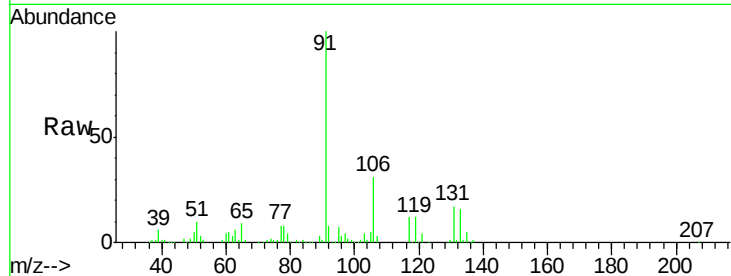




#67
Ethyl Benzene
Concen: 19.16 ug/l
RT: 11.32 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

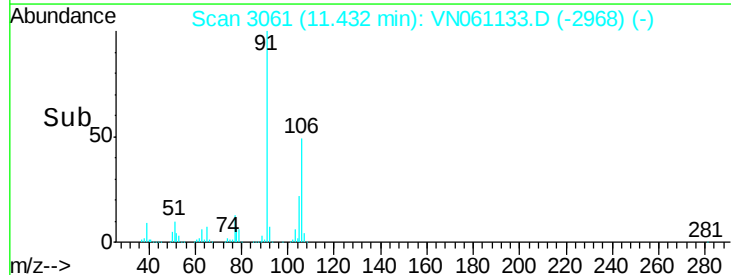
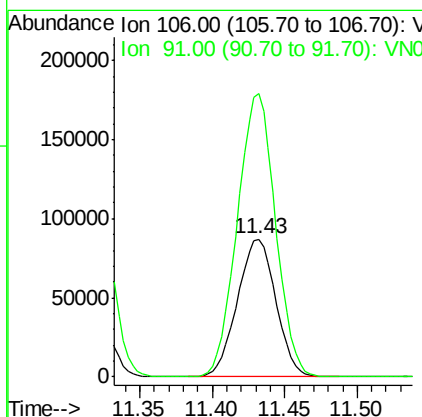
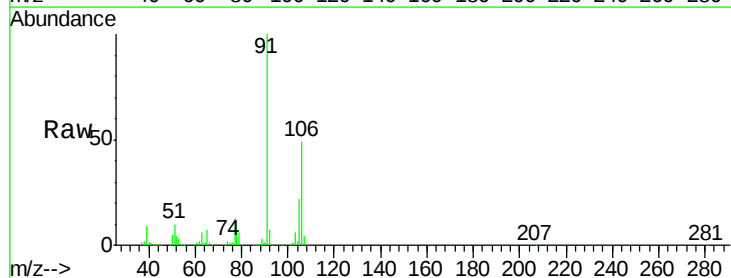
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01

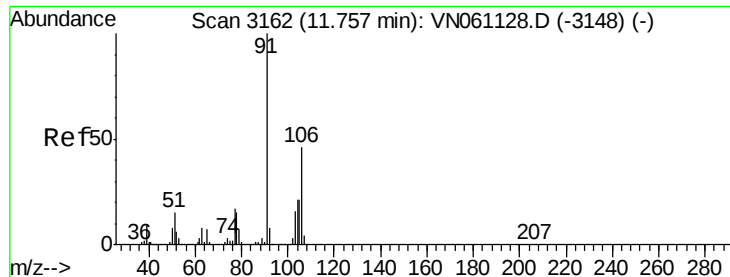
Tgt Ion: 91 Resp: 213782
Ion Ratio Lower Upper
91 100
106 31.0 24.7 37.1



#68
m/p-Xylenes
Concen: 38.55 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

Tgt Ion: 106 Resp: 160643
Ion Ratio Lower Upper
106 100
91 204.1 163.9 245.9

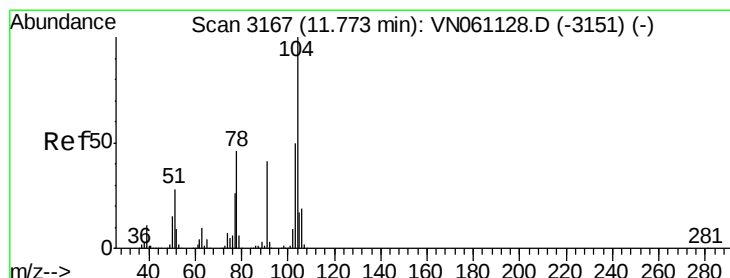
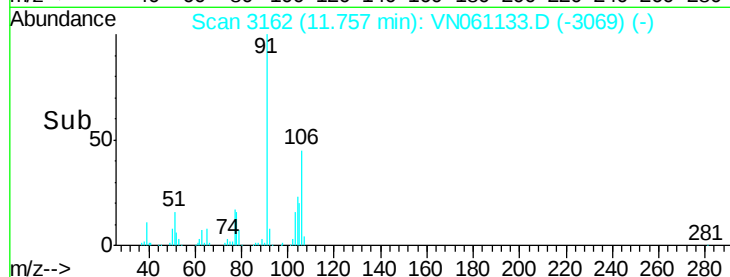
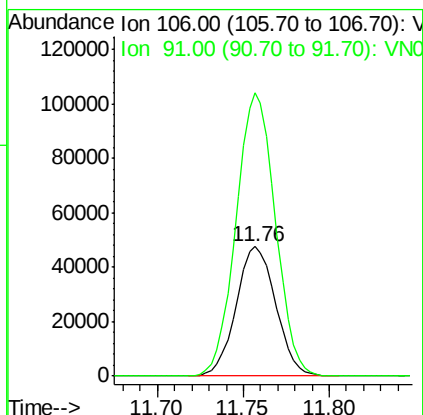
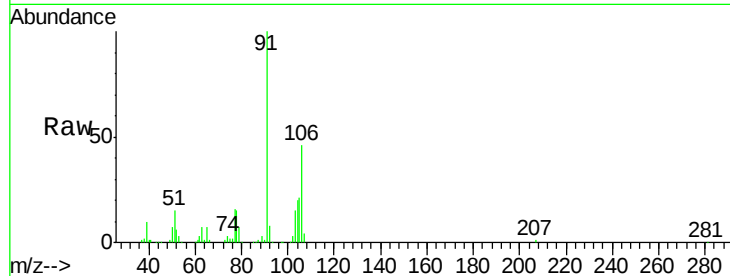




#69
o-Xylene
Concen: 18.97 ug/l
RT: 11.76 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

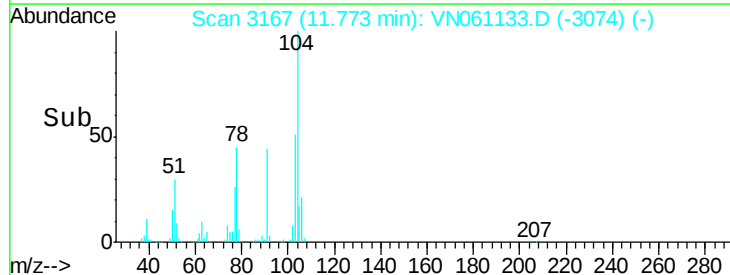
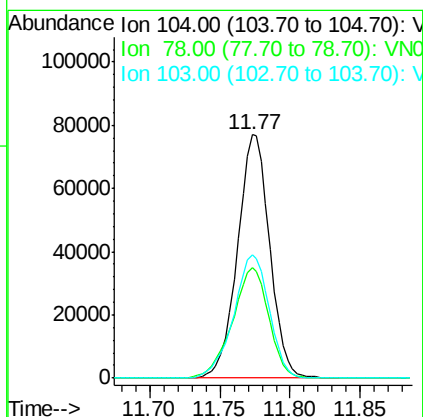
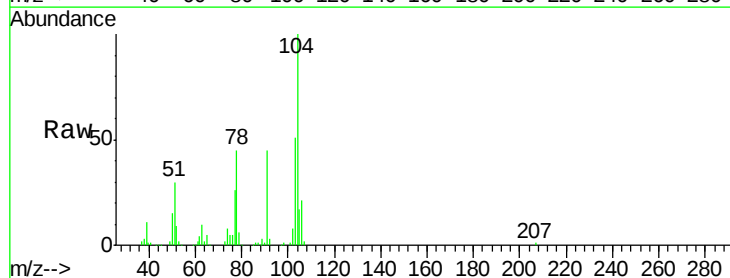
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01

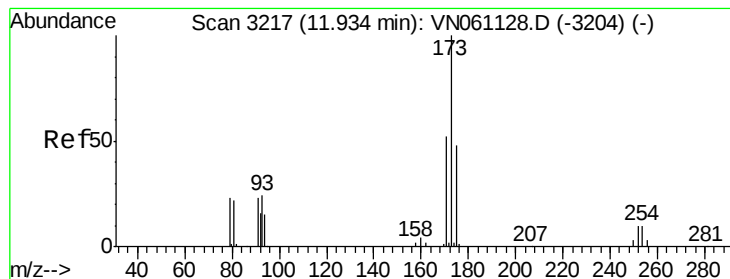
Tgt Ion:106 Resp: 76338
Ion Ratio Lower Upper
106 100
91 216.1 107.6 322.8



#70
Styrene
Concen: 18.94 ug/l
RT: 11.77 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

Tgt Ion:104 Resp: 123414
Ion Ratio Lower Upper
104 100
78 51.0 40.6 61.0
103 55.9 43.7 65.5





#71

Bromoform

Concen: 18.71 ug/l

RT: 11.93 min Scan# 3217

Delta R.T. -0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01

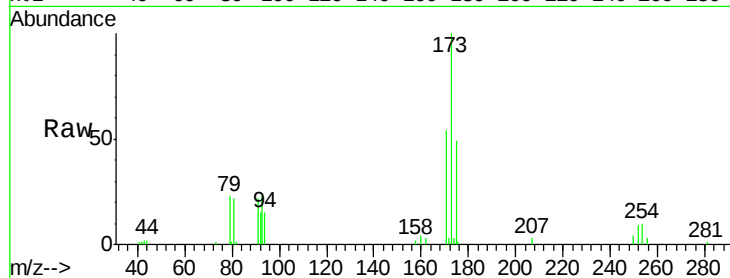
Tgt Ion:173 Resp: 29952

Ion Ratio Lower Upper

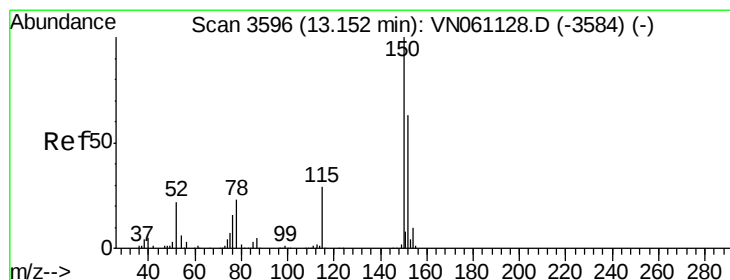
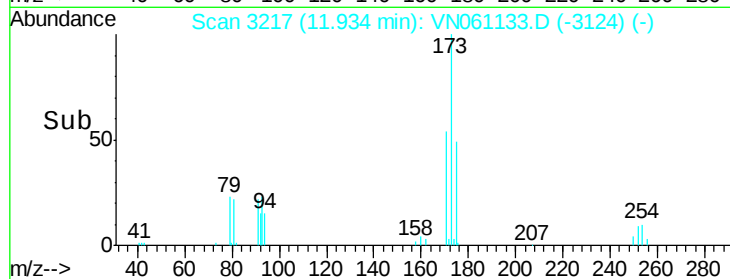
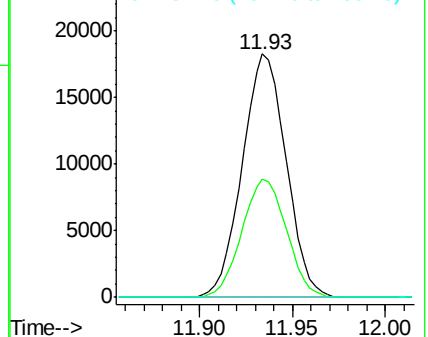
173 100

175 49.6 23.9 71.8

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: 50.00 ug/l

RT: 13.15 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

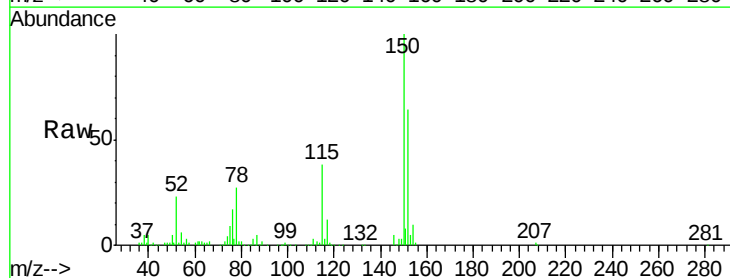
Tgt Ion:152 Resp: 142819

Ion Ratio Lower Upper

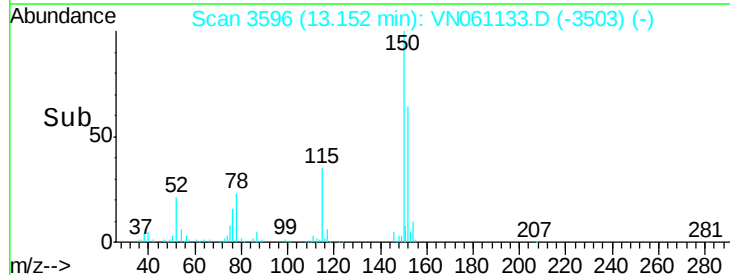
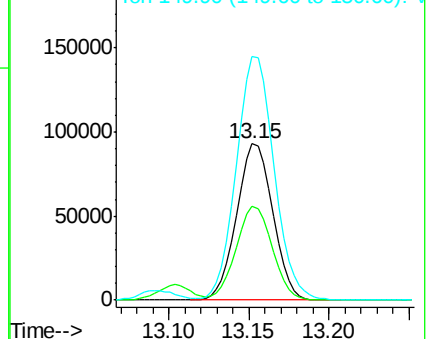
152 100

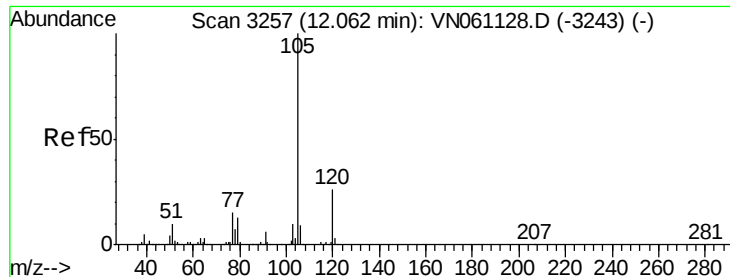
115 60.1 29.8 89.5

150 163.4 0.0 348.6



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: 19.10 ug/l

RT: 12.06 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampled :

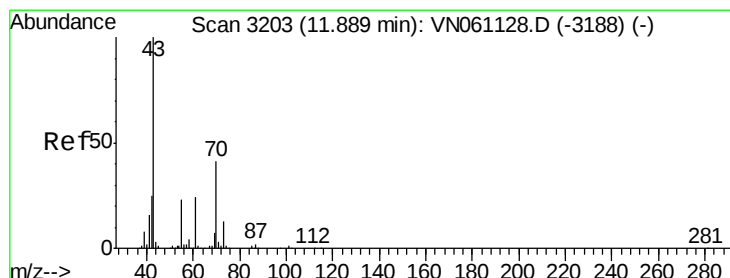
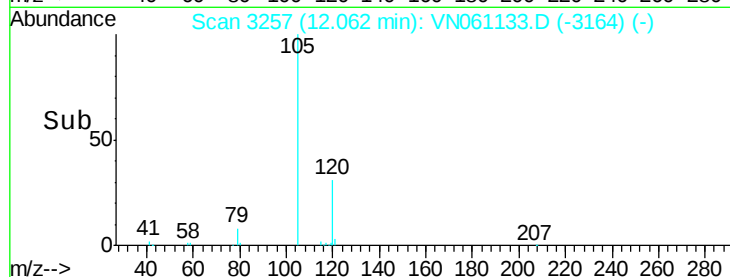
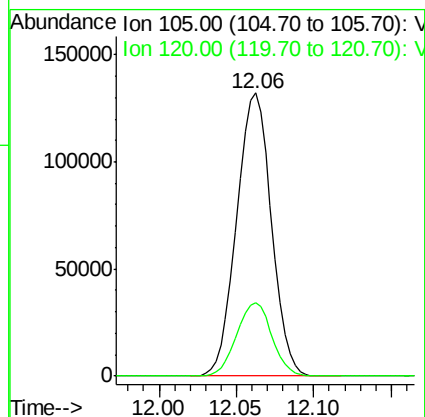
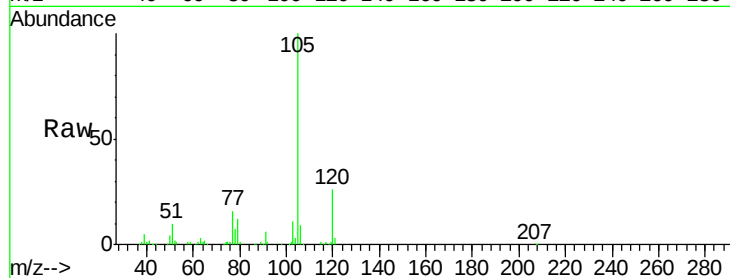
VN0422WBS01

Tgt Ion: 105 Resp: 206031

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



#74

N-ethyl acetate

Concen: 17.63 ug/l

RT: 11.89 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

Tgt Ion: 43 Resp: 85518

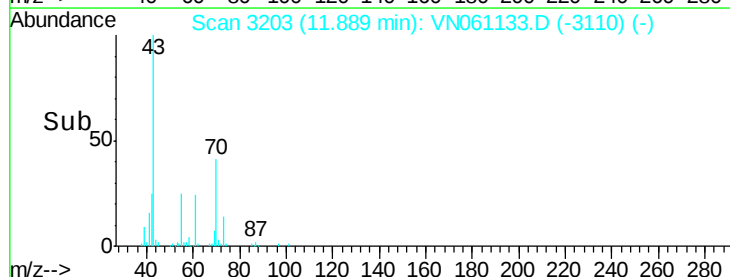
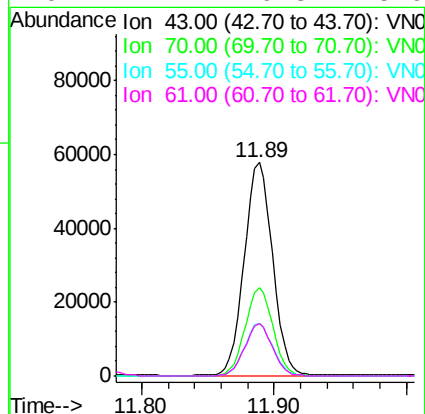
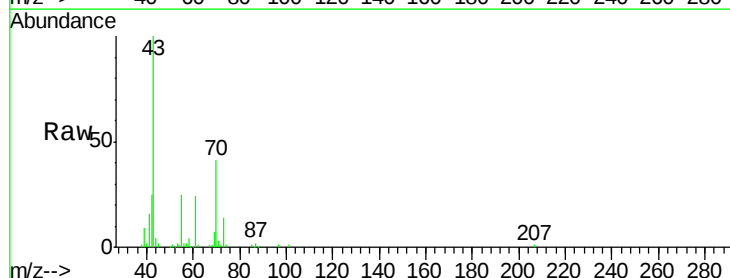
Ion Ratio Lower Upper

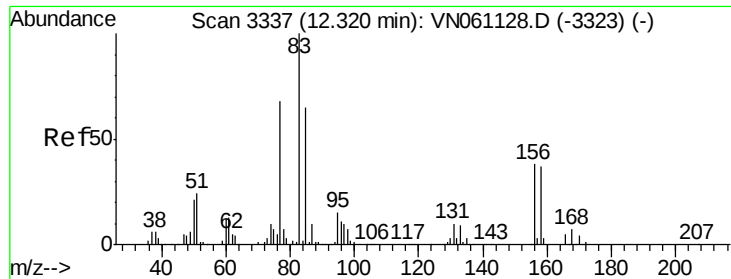
43 100

70 40.7 32.5 48.7

55 24.7 19.0 28.6

61 24.1 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.10 ug/l

RT: 12.32 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01

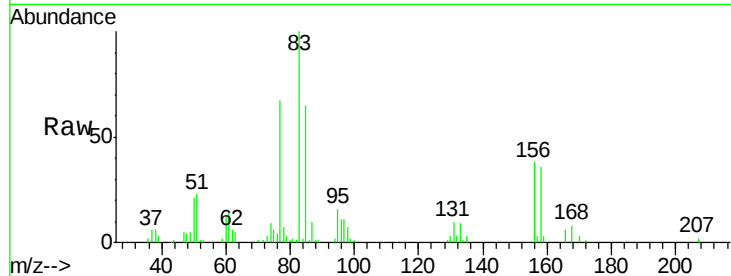
Tgt Ion: 83 Resp: 55222

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

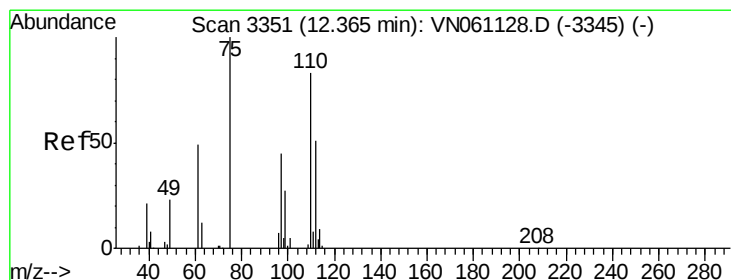
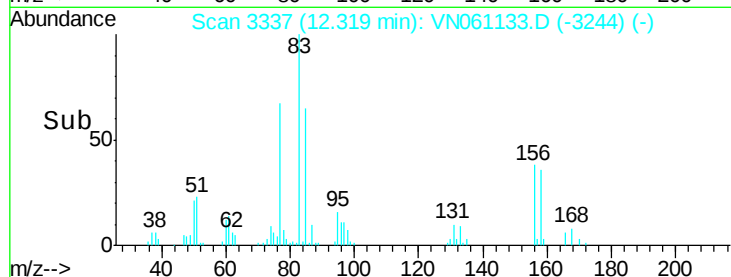
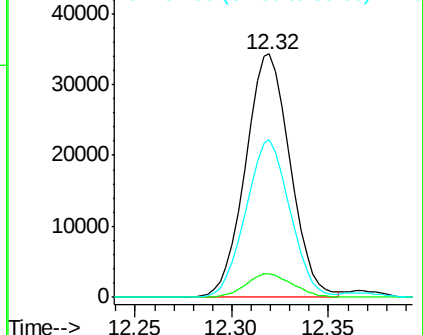
85 64.0 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 24.24 ug/l

RT: 12.36 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN061133.D

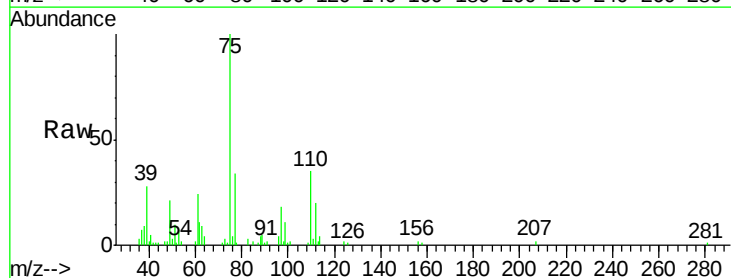
Acq: 22 Apr 2020 17:39

Tgt Ion: 75 Resp: 79851

Ion Ratio Lower Upper

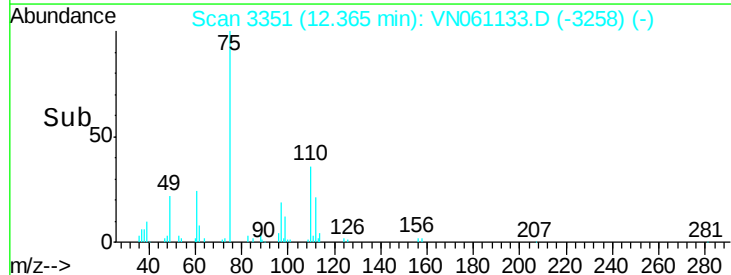
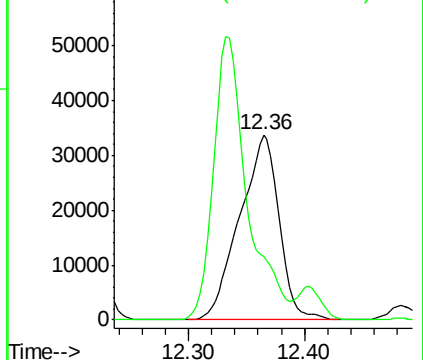
75 100

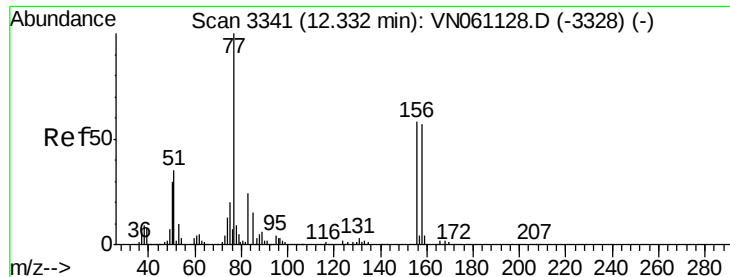
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

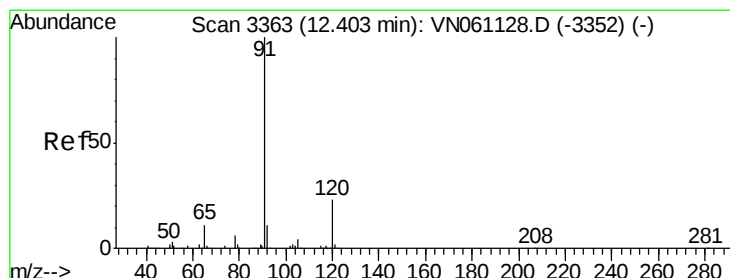
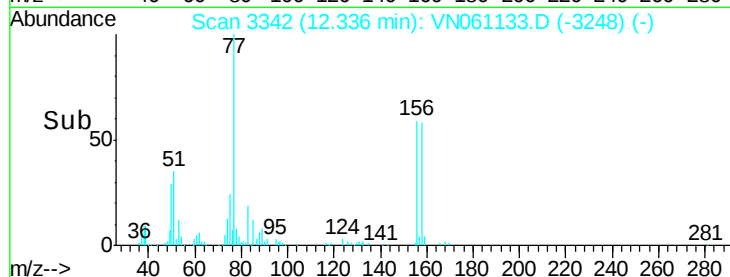
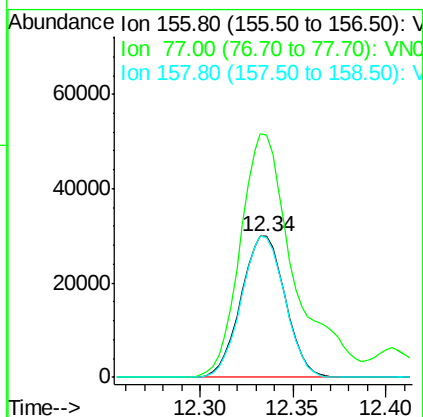
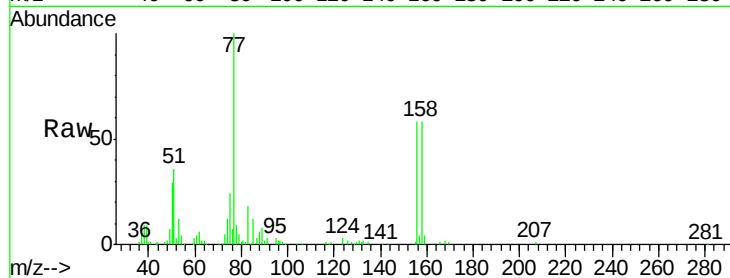




#77
Bromobenzene
Concen: 18.91 ug/l
RT: 12.34 min Scan# 3342
Delta R.T. 0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

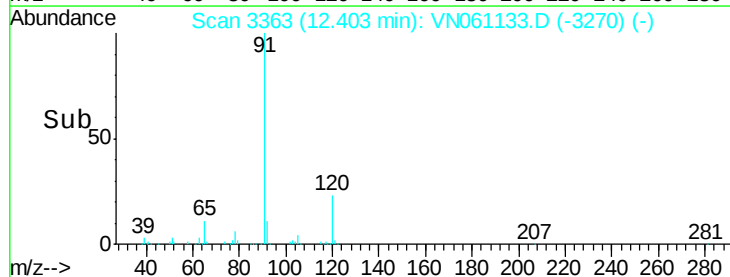
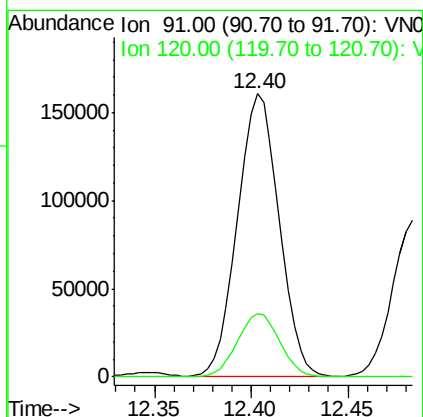
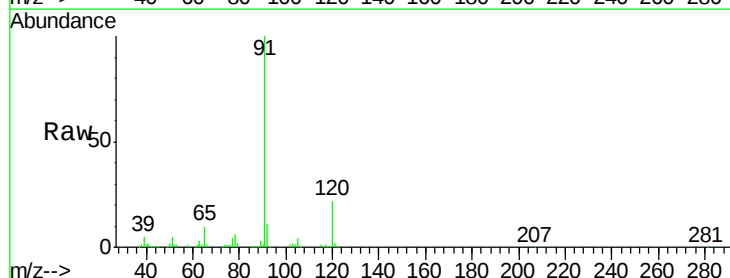
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01

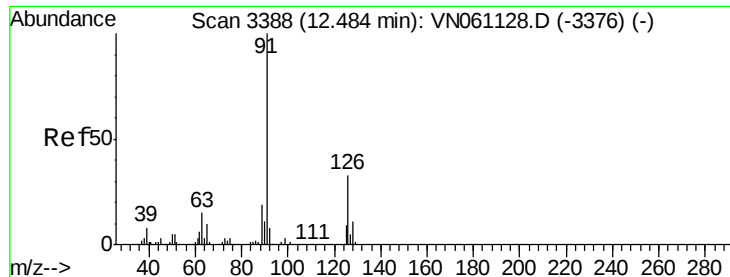
Tgt Ion:156 Resp: 49709
Ion Ratio Lower Upper
156 100
77 210.1 105.7 317.1
158 98.1 48.3 144.9



#78
n-propylbenzene
Concen: 18.99 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

Tgt Ion: 91 Resp: 240303
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.9





#79

2-Chlorotoluene

Concen: 18.80 ug/l

RT: 12.48 min Scan# 3388

Delta R.T. -0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

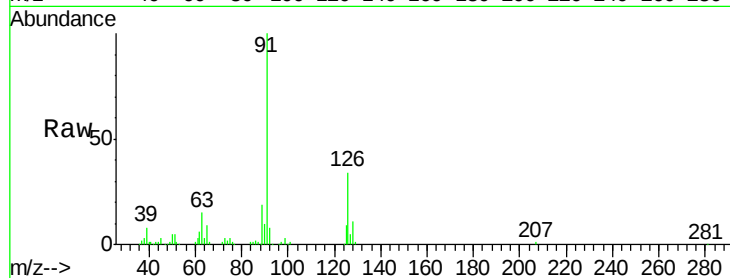
VN0422WBS01

Tgt Ion: 91 Resp: 138175

Ion Ratio Lower Upper

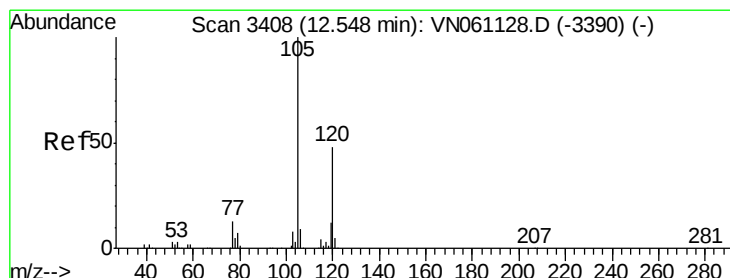
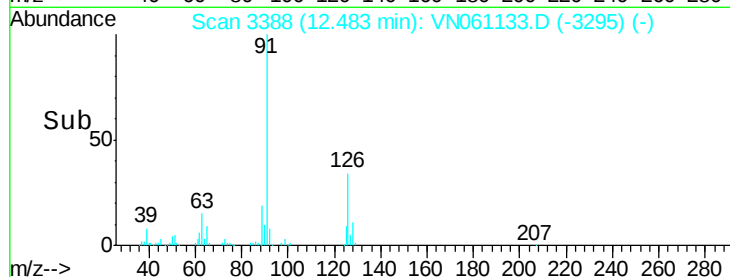
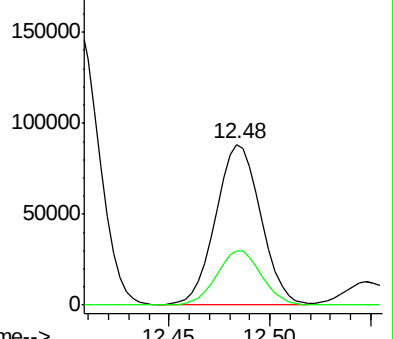
91 100

126 33.8 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN061128.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN061128.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.86 ug/l

RT: 12.55 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN061133.D

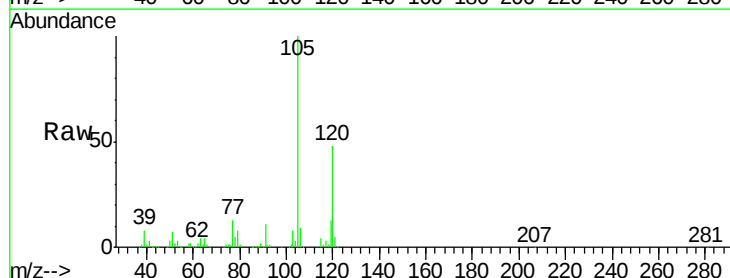
Acq: 22 Apr 2020 17:39

Tgt Ion: 105 Resp: 171513

Ion Ratio Lower Upper

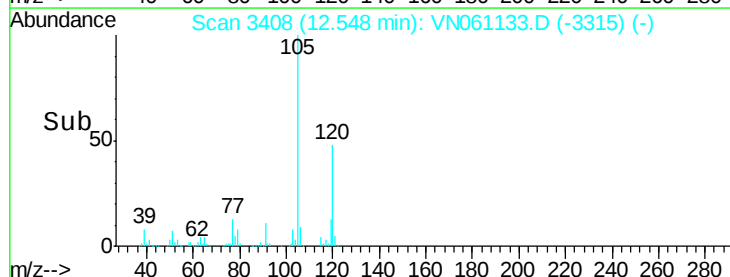
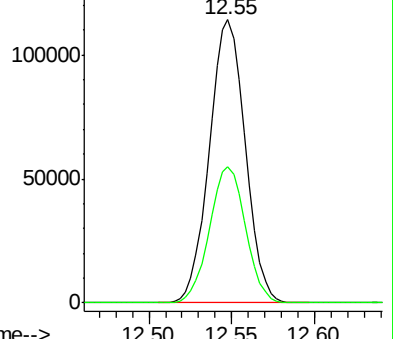
105 100

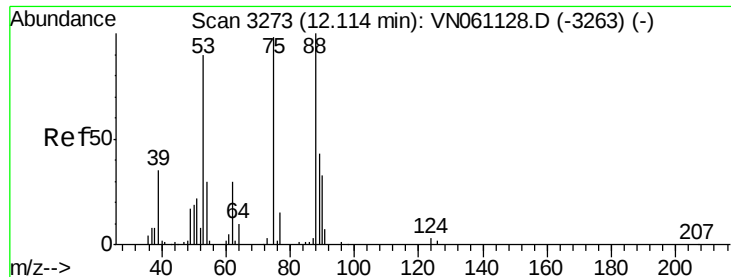
120 48.3 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): VN061128.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN061128.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.13 ug/l

RT: 12.11 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01

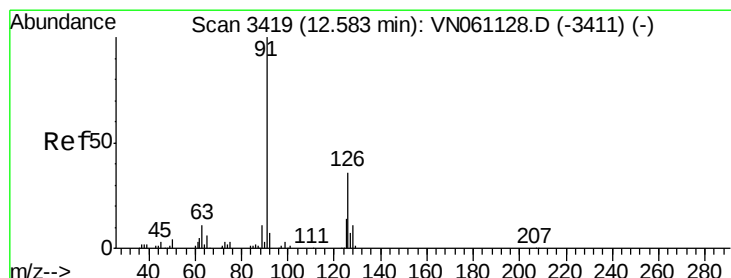
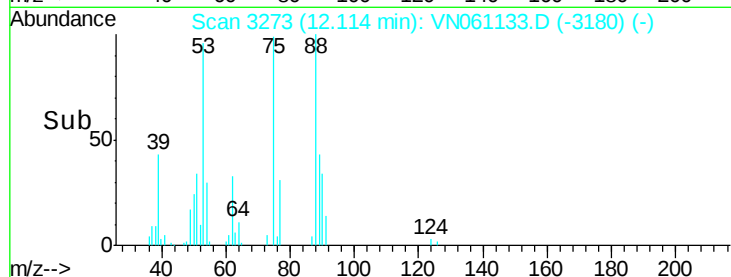
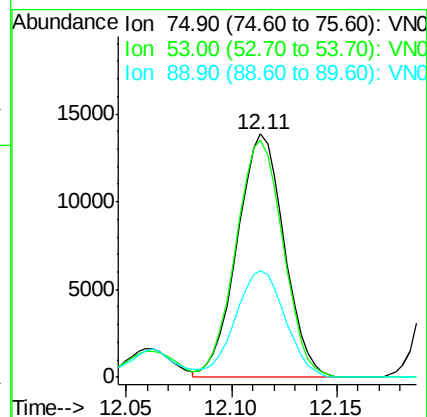
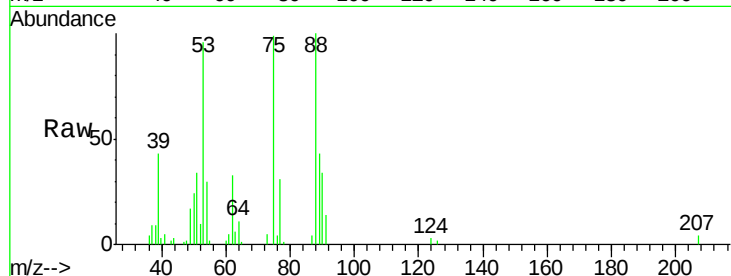
Tgt Ion: 75 Resp: 21492

Ion Ratio Lower Upper

75 100

53 98.0 74.3 111.5

89 46.3 36.6 55.0



#82

4-Chlorotoluene

Concen: 18.90 ug/l

RT: 12.58 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN061133.D

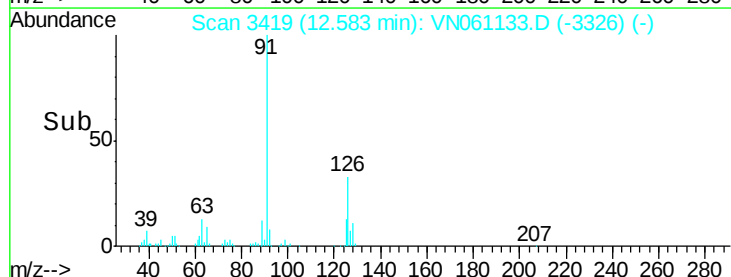
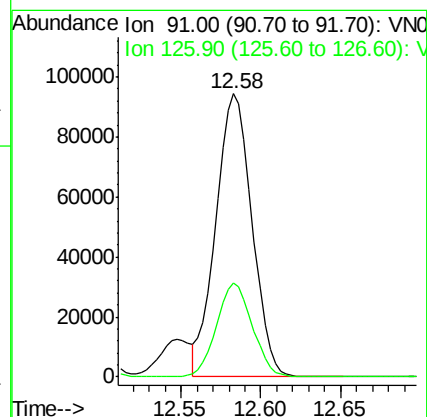
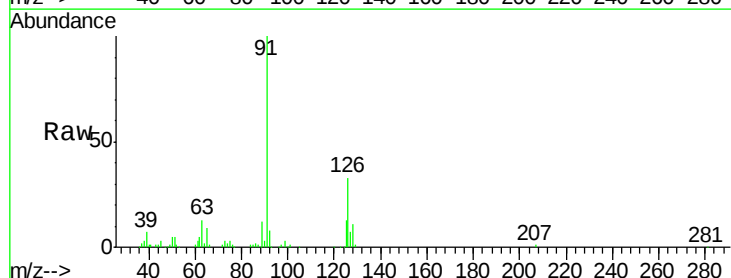
Acq: 22 Apr 2020 17:39

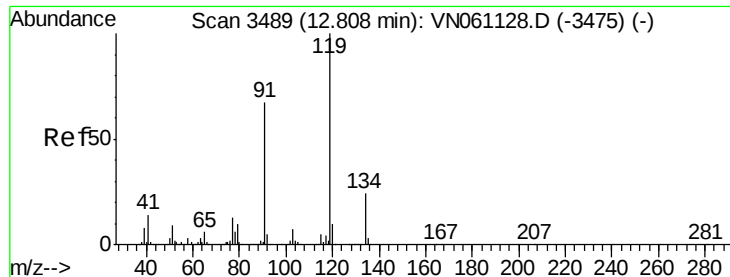
Tgt Ion: 91 Resp: 147330

Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.2

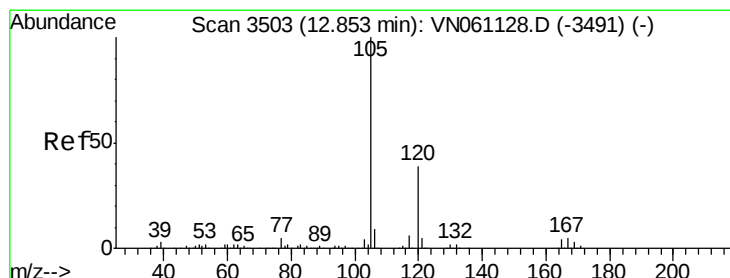
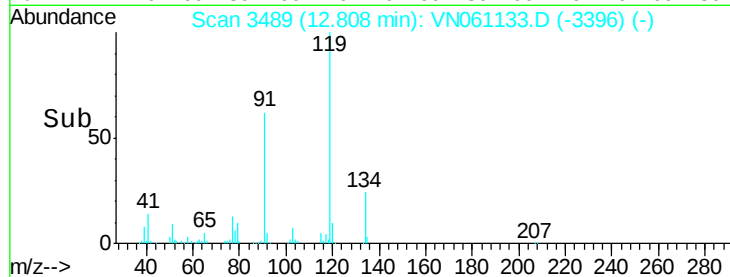
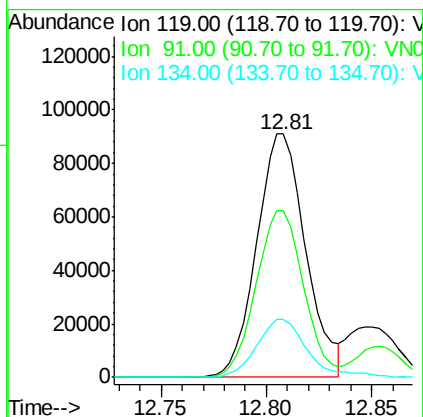
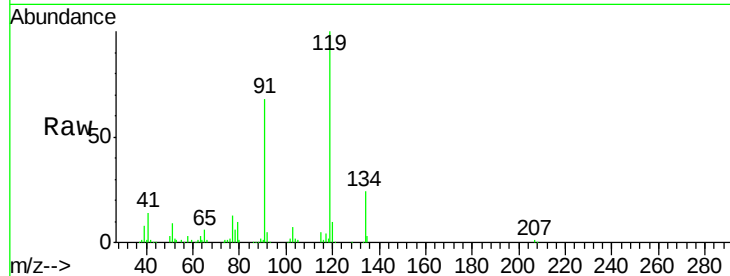




#83
 tert-Butylbenzene
 Concen: 19.27 ug/l
 RT: 12.81 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

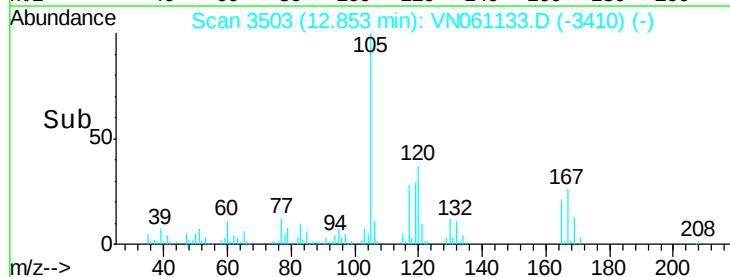
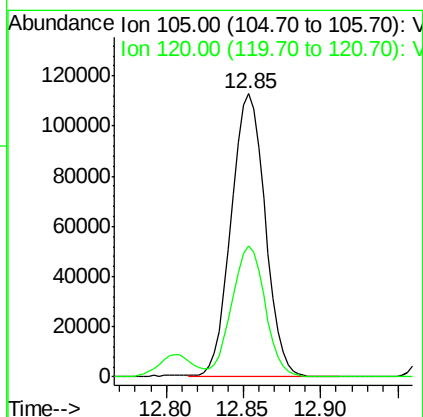
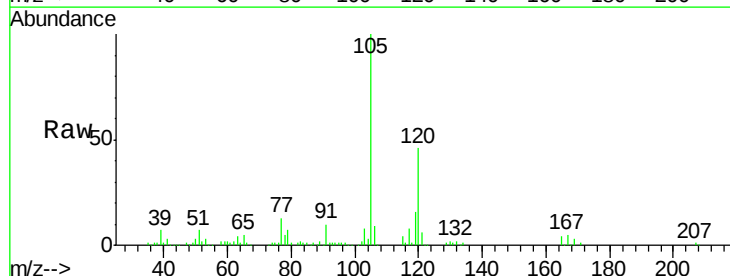
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS01

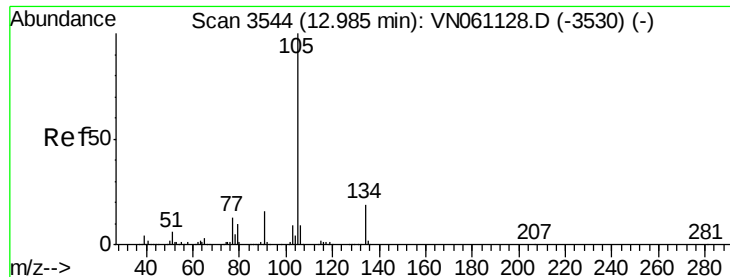
Tgt Ion:	119	Resp:	147165
Ion	Ratio	Lower	Upper
119	100		
91	66.2	32.8	98.4
134	24.6	12.2	36.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.04 ug/l
 RT: 12.85 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

Tgt Ion:	105	Resp:	172371
Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.4	67.0

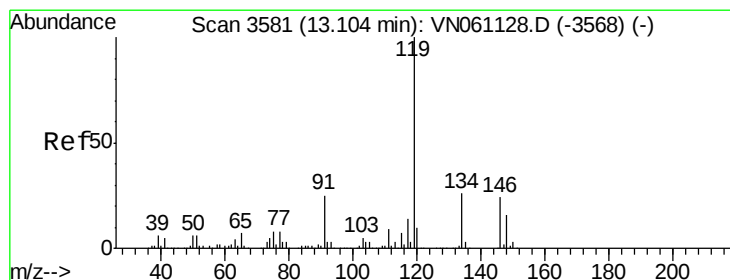
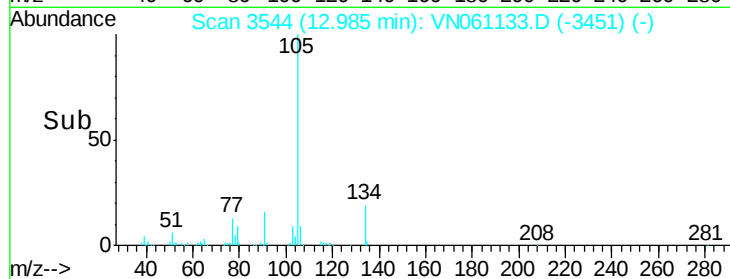
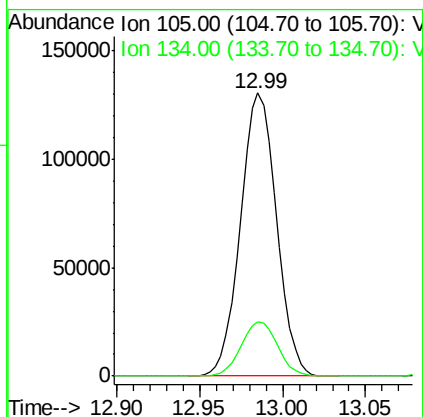
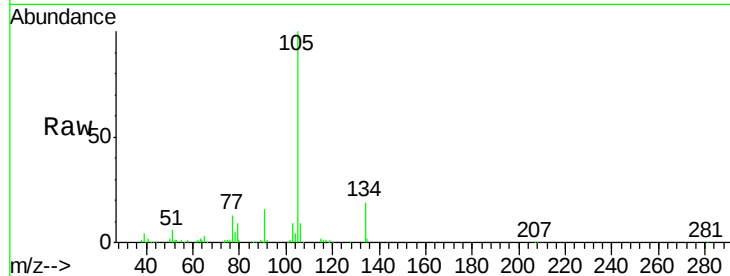




#85
 sec-Butylbenzene
 Concen: 19.05 ug/l
 RT: 12.99 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

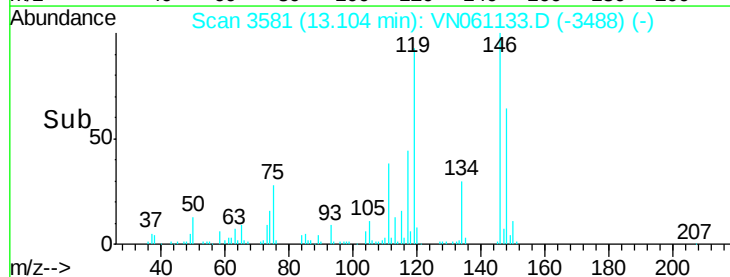
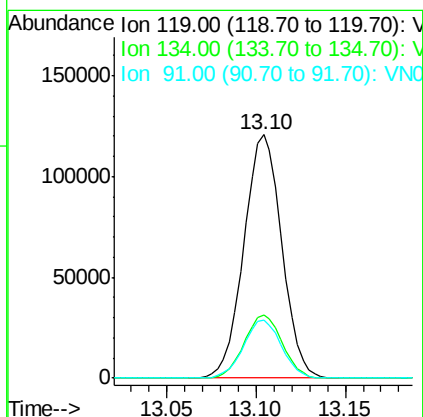
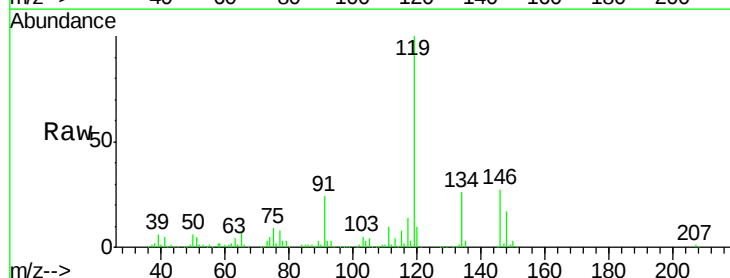
Instrument :
 MSVOA_N
 ClientSampled :
 VN0422WBS01

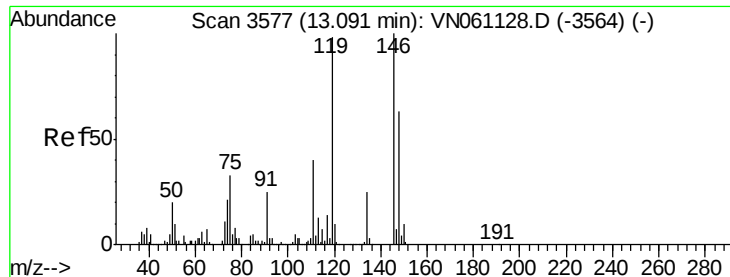
Tgt Ion:105 Resp: 196797
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 19.04 ug/l
 RT: 13.10 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

Tgt Ion:119 Resp: 178580
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 23.9 12.4 37.0

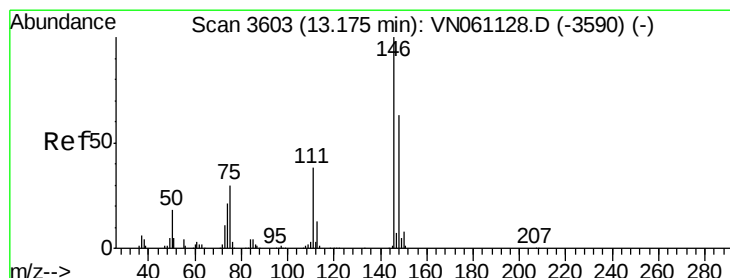
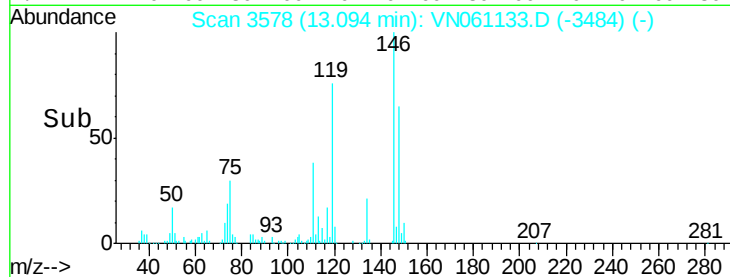
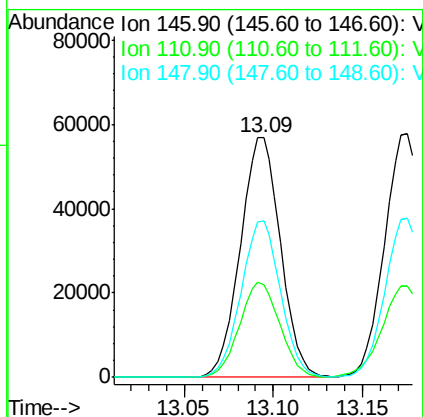
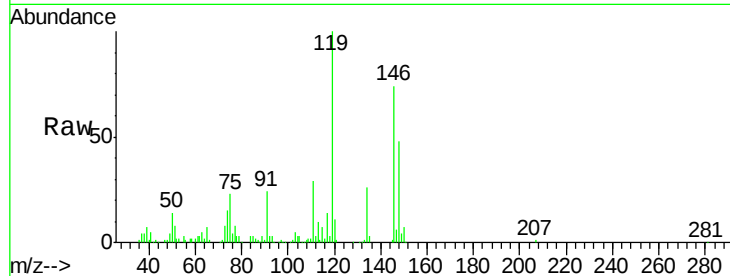




#87
 1,3-Dichlorobenzene
 Concen: 19.23 ug/l
 RT: 13.09 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

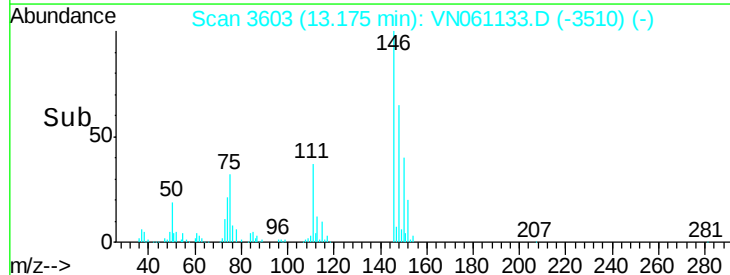
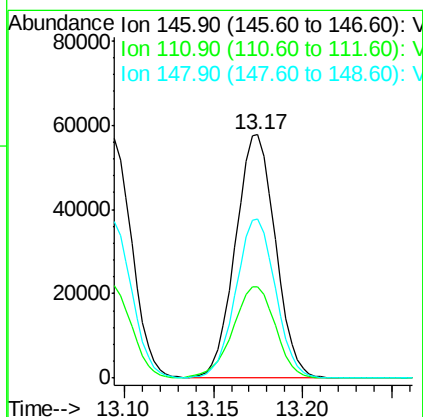
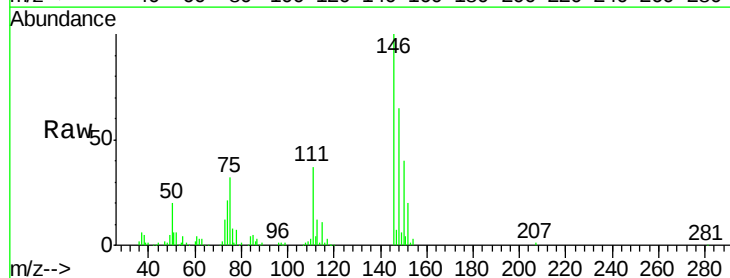
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS01

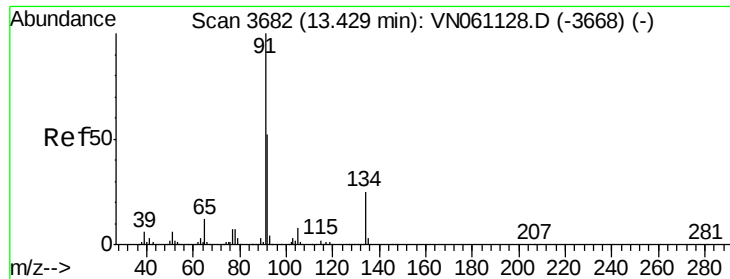
Tgt Ion:146 Resp: 89586
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.3 60.9
 148 64.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.08 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

Tgt Ion:146 Resp: 90250
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.7 59.1
 148 64.6 31.8 95.3

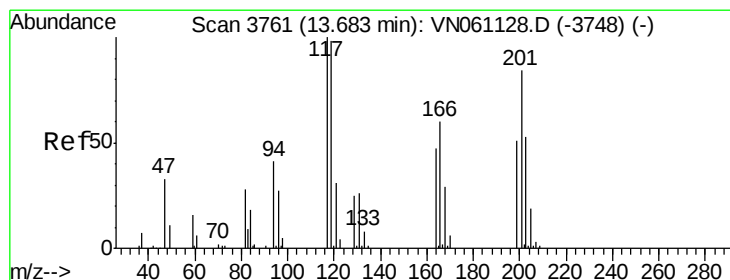
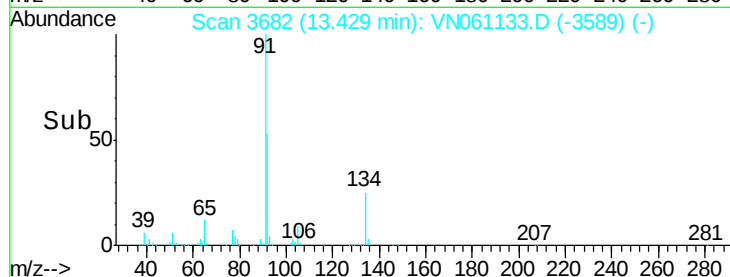
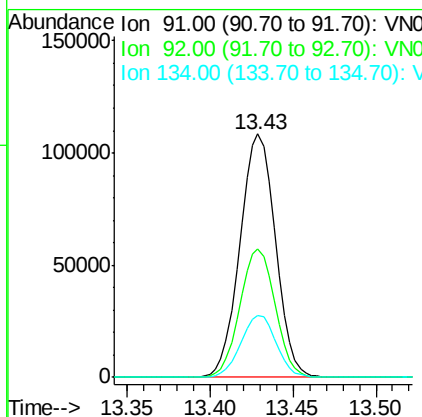
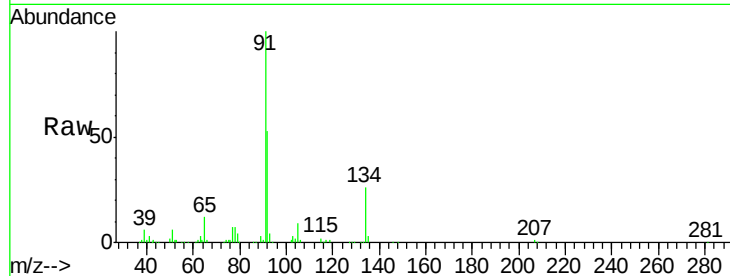




#89
n-Butylbenzene
Concen: 18.90 ug/l
RT: 13.43 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

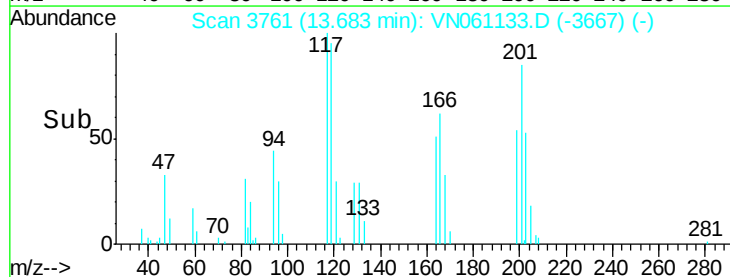
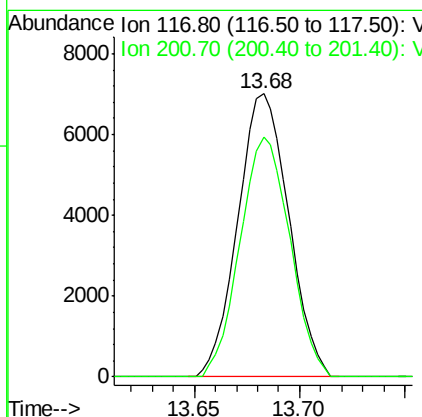
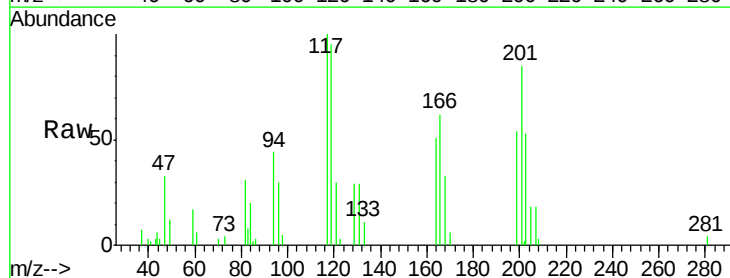
Instrument :
MSVOA_N
ClientSampled :
VN0422WBS01

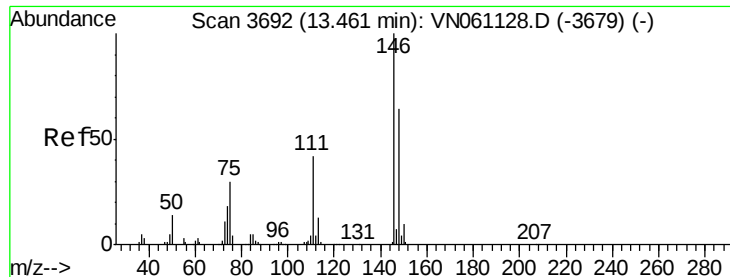
Tgt Ion: 91 Resp: 161719
Ion Ratio Lower Upper
91 100
92 52.4 26.1 78.2
134 25.5 12.6 37.6



#90
Hexachloroethane
Concen: 15.36 ug/l
RT: 13.68 min Scan# 3761
Delta R.T. 0.00 min
Lab File: VN061133.D
Acq: 22 Apr 2020 17:39

Tgt Ion: 117 Resp: 11759
Ion Ratio Lower Upper
117 100
201 82.8 41.4 124.4

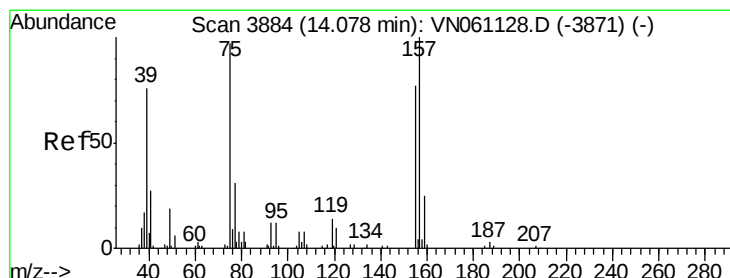
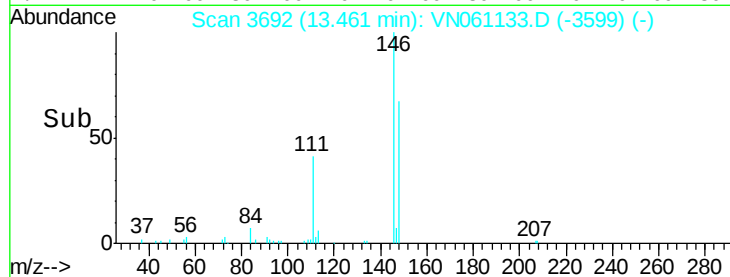
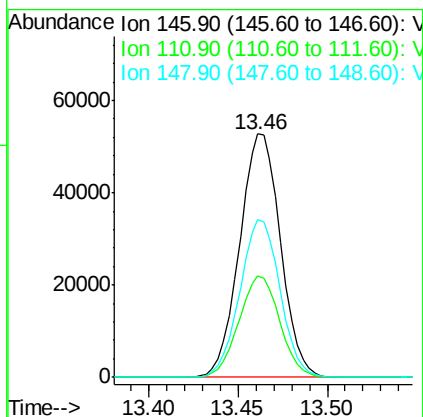
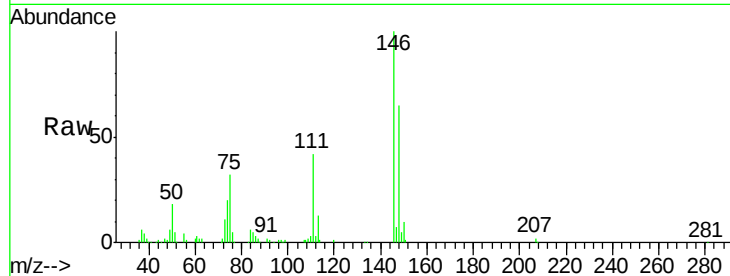




#91
 1,2-Dichlorobenzene
 Concen: 19.42 ug/l
 RT: 13.46 min Scan# 3692
 Delta R.T. -0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

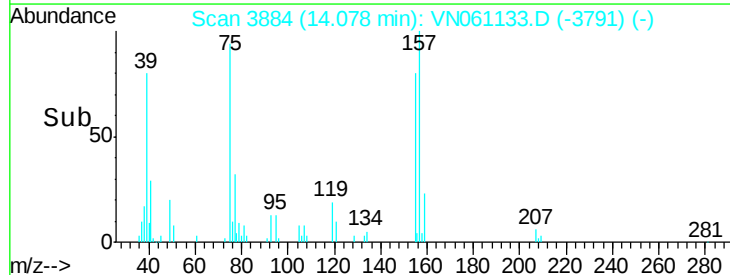
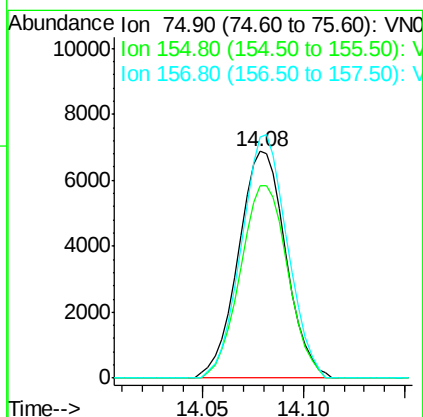
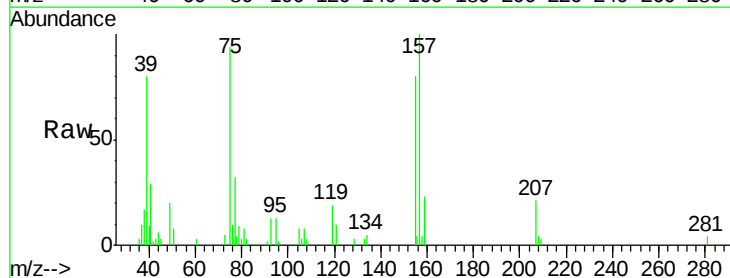
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS01

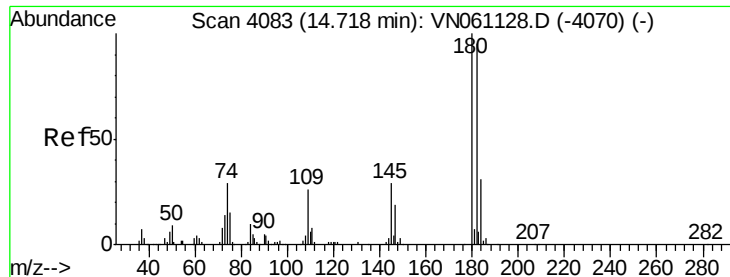
Tgt Ion: 146 Resp: 84172
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.2
 148 63.7 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.04 ug/l
 RT: 14.08 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

Tgt Ion: 75 Resp: 11324
 Ion Ratio Lower Upper
 75 100
 155 84.8 40.3 120.9
 157 103.5 51.6 154.8

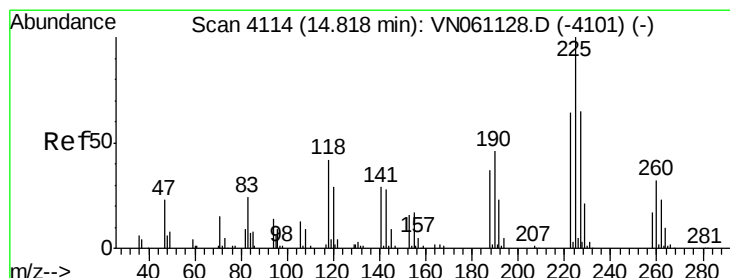
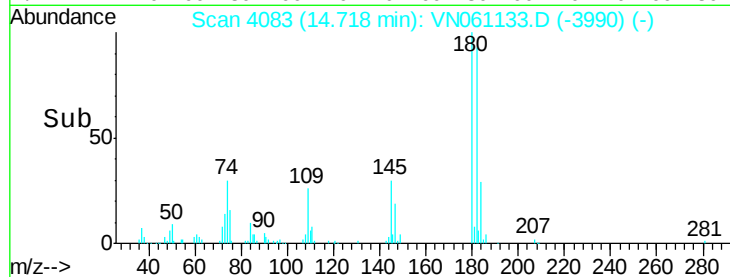
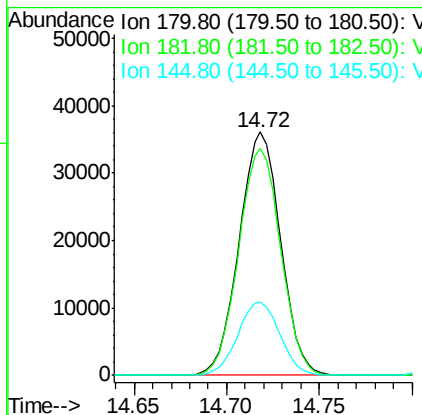
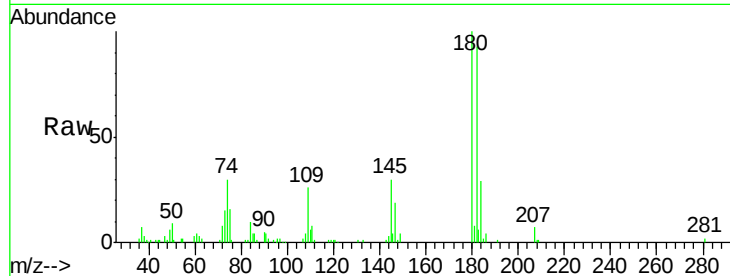




#93
 1,2,4-Trichlorobenzene
 Concen: 19.26 ug/l
 RT: 14.72 min Scan# 4083
 Delta R.T. -0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

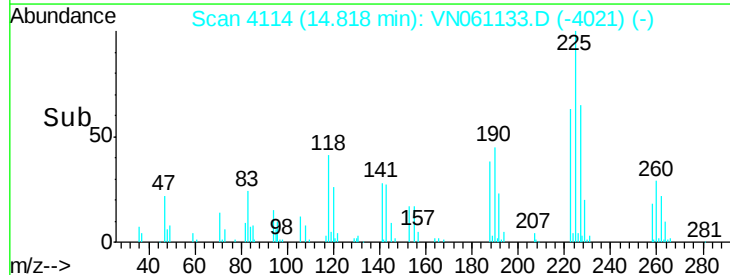
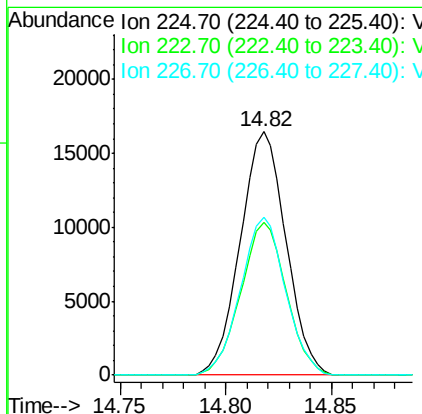
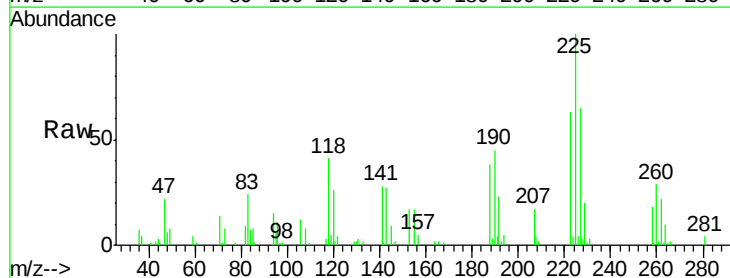
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS01

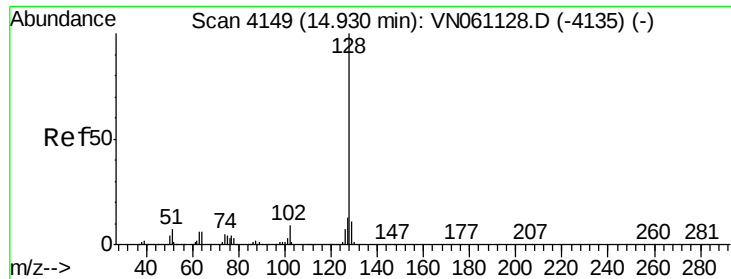
Tgt Ion:180 Resp: 55830
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.9 143.7
 145 30.4 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 19.58 ug/l
 RT: 14.82 min Scan# 4114
 Delta R.T. -0.00 min
 Lab File: VN061133.D
 Acq: 22 Apr 2020 17:39

Tgt Ion:225 Resp: 24754
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.6 95.0
 227 63.7 32.0 96.2





#95

Naphthalene

Concen: 18.87 ug/l

RT: 14.93 min Scan# 4149

Delta R.T. -0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01

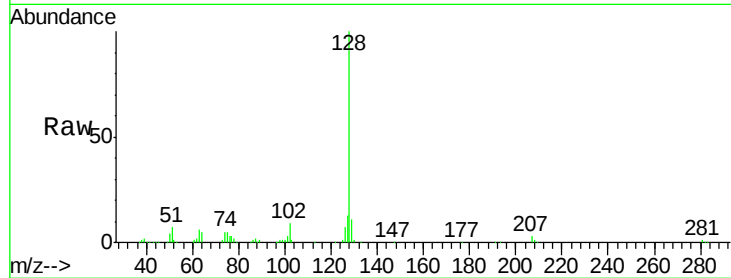
Tgt Ion:128 Resp: 168939

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

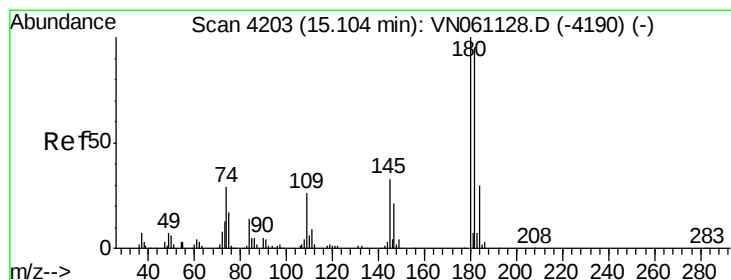
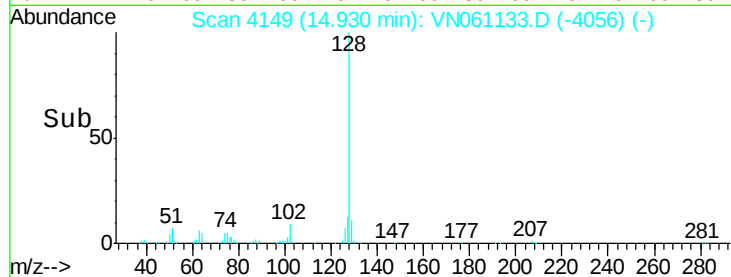
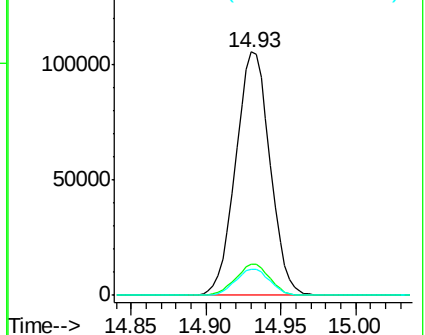
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.20 ug/l

RT: 15.11 min Scan# 4204

Delta R.T. 0.00 min

Lab File: VN061133.D

Acq: 22 Apr 2020 17:39

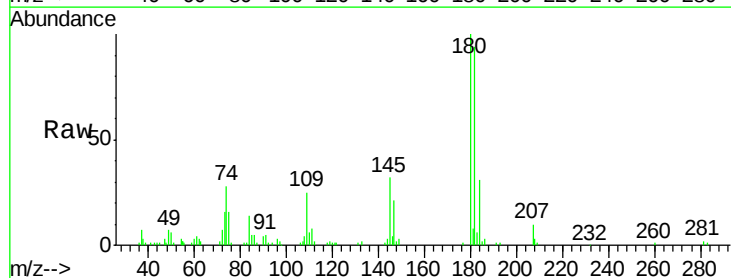
Tgt Ion:180 Resp: 53501

Ion Ratio Lower Upper

180 100

182 95.3 47.7 143.1

145 33.0 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

