

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051620\
 Data File : VN061419.D
 Acq On : 15 May 2020 20:59
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 16 02:37:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051620W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 02:35:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	148038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	268559	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	251931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	104007	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	10960	4.70	ug/l	0.00
Spiked Amount			Recovery	=	9.40%	
35) Dibromofluoromethane	7.55	113	7591	4.92	ug/l	0.00
Spiked Amount			Recovery	=	9.84%	
50) Toluene-d8	10.06	98	32945	5.05	ug/l	0.00
Spiked Amount			Recovery	=	10.10%	
62) 4-Bromofluorobenzene	12.38	95	11302	4.60	ug/l	0.00
Spiked Amount			Recovery	=	9.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	5905	3.982	ug/l	96
3) Chloromethane	2.03	50	13504	6.935	ug/l	95
4) Vinyl Chloride	2.16	62	20892	8.804	ug/l	99
5) Bromomethane	2.54	94	12385	9.970	ug/l	100
6) Chloroethane	2.67	64	15098	9.838	ug/l	97
7) Trichlorofluoromethane	2.98	101	29933	11.236	ug/l	99
8) Diethyl Ether	3.37	74	5412	5.452	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	7790	5.104	ug/l #	84
10) Methyl Iodide	3.91	142	9061	4.662	ug/l	98
11) Tert butyl alcohol	4.74	59	3705	13.326	ug/l #	86
12) 1,1-Dichloroethene	3.69	96	7968	5.182	ug/l	90
13) Acrolein	3.57	56	6256	30.570	ug/l	96
14) Allyl chloride	4.27	41	13701	4.932	ug/l	99
15) Acrylonitrile	4.94	53	18086	19.757	ug/l	98
16) Acetone	3.78	43	13949	12.633	ug/l	97
17) Carbon Disulfide	4.01	76	22894	5.519	ug/l	97
18) Methyl Acetate	4.28	43	8811	2.953	ug/l	92
19) Methyl tert-butyl Ether	4.99	73	30882	5.225	ug/l	100
20) Methylene Chloride	4.51	84	10117	5.608	ug/l	94
21) trans-1,2-Dichloroethene	5.00	96	9806	5.796	ug/l	87
22) Diisopropyl ether	5.90	45	31424	4.800	ug/l #	91
23) Vinyl Acetate	5.85	43	127141	24.155	ug/l	99
24) 1,1-Dichloroethane	5.80	63	18304	5.272	ug/l	100
25) 2-Butanone	6.79	43	24084	18.617	ug/l	99
26) 2,2-Dichloropropane	6.77	77	14861	5.064	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	11093	5.537	ug/l	99
28) Bromochloromethane	7.15	49	7823	4.691	ug/l #	99
29) Tetrahydrofuran	7.17	42	16604	18.964	ug/l	99
30) Chloroform	7.33	83	17918	5.065	ug/l	97
31) Cyclohexane	7.61	56	20546	6.093	ug/l #	90
32) 1,1,1-Trichloroethane	7.53	97	16280	5.253	ug/l	98
36) 1,1-Dichloropropene	7.75	75	13759	5.171	ug/l	99
37) Ethyl Acetate	6.88	43	11879	3.987	ug/l	98
38) Carbon Tetrachloride	7.73	117	11106	5.164	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051620\
 Data File : VN061419.D
 Acq On : 15 May 2020 20:59
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 16 02:37:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051620W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 02:35:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	16896	5.572	ug/l	96
40) Benzene	8.00	78	41683	5.232	ug/l	100
41) Methacrylonitrile	7.12	41	4988	3.879	ug/l #	80
42) 1,2-Dichloroethane	8.09	62	14837	4.959	ug/l	100
43) Isopropyl Acetate	8.13	43	23231	4.604	ug/l	97
44) Trichloroethene	8.80	130	10537	4.917	ug/l	85
45) 1,2-Dichloropropane	9.09	63	10960	5.185	ug/l	97
46) Dibromomethane	9.18	93	7087	5.364	ug/l	99
47) Bromodichloromethane	9.37	83	14654	5.172	ug/l	97
48) Methyl methacrylate	9.17	41	10731	4.726	ug/l	96
49) 1,4-Dioxane	9.16	88	559	22.949	ug/l #	1
51) 4-Methyl-2-Pentanone	9.95	43	60171	20.558	ug/l	98
52) Toluene	10.13	92	25686	5.307	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	15877	4.973	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	16979	5.035	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	9595	5.003	ug/l	99
56) Ethyl methacrylate	10.40	69	15630	5.404	ug/l	92
57) 1,3-Dichloropropane	10.68	76	17404	5.192	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.67	63	32476	21.426	ug/l	100
59) 2-Hexanone	10.72	43	40324	19.112	ug/l	98
60) Dibromochloromethane	10.88	129	10466	5.178	ug/l	95
61) 1,2-Dibromoethane	10.98	107	10087	5.242	ug/l	98
64) Tetrachloroethene	10.60	164	10104	4.717	ug/l	94
65) Chlorobenzene	11.41	112	26755	5.345	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	9147	5.092	ug/l	99
67) Ethyl Benzene	11.48	91	48798	5.205	ug/l	100
68) m/p-Xylenes	11.60	106	36193	10.516	ug/l	99
69) o-Xylene	11.92	106	17831	5.393	ug/l	98
70) Styrene	11.94	104	28784	5.182	ug/l	100
71) Bromoform	12.10	173	5989	4.599	ug/l #	95
73) Isopropylbenzene	12.22	105	45571	5.925	ug/l	99
74) N-amyl acetate	12.05	43	18492	4.937	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	13814	5.876	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	17615	8.137	ug/l #	100
77) Bromobenzene	12.50	156	10224	5.820	ug/l	95
78) n-propylbenzene	12.57	91	52809	5.807	ug/l	100
79) 2-Chlorotoluene	12.65	91	30753	5.749	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	37676	5.901	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	4285	5.050	ug/l	97
82) 4-Chlorotoluene	12.75	91	32139	5.703	ug/l	99
83) tert-Butylbenzene	12.97	119	32513	6.074	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	38035	5.800	ug/l	99
85) sec-Butylbenzene	13.15	105	43006	5.878	ug/l	100
86) p-Isopropyltoluene	13.26	119	37392	5.674	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	17583	5.425	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	17758	5.352	ug/l	92
89) n-Butylbenzene	13.59	91	32919	5.457	ug/l	99
90) Hexachloroethane	13.85	117	4914	7.574	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	16298	5.240	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.25	75	2287	4.658	ug/l	94

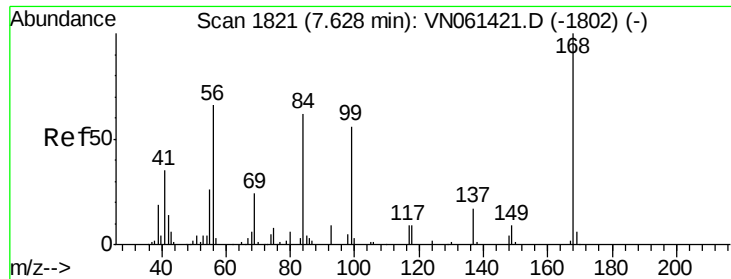
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051620\
Data File : VN061419.D
Acq On : 15 May 2020 20:59
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 16 02:37:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051620W.M
Quant Title : SW846 8260
QLast Update : Sat May 16 02:35:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	8503	4.564	ug/l	97
94) Hexachlorobutadiene	14.98	225	3592	4.660	ug/l	97
95) Naphthalene	15.11	128	27351	4.517	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	8776	4.776	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

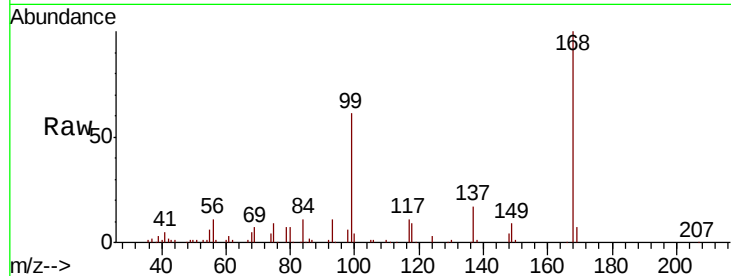
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 148038

Ion Ratio Lower Upper

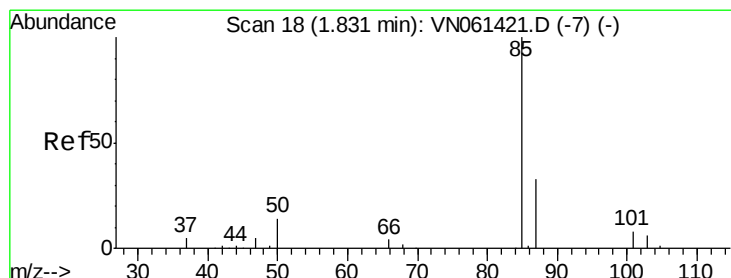
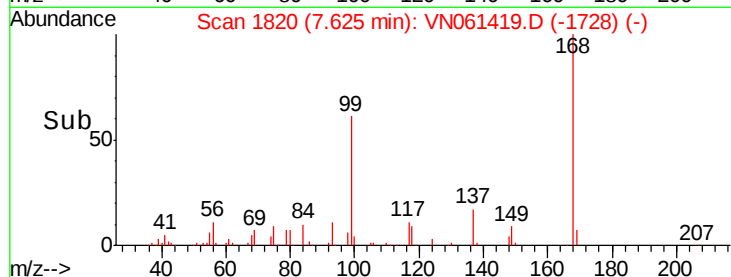
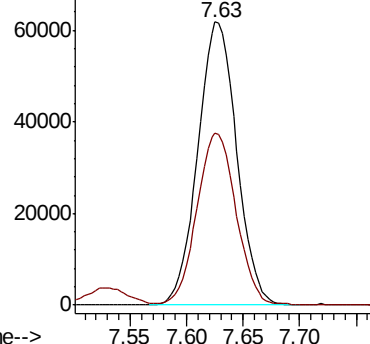
168 100

99 60.8 49.9 74.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 3.982 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061419.D

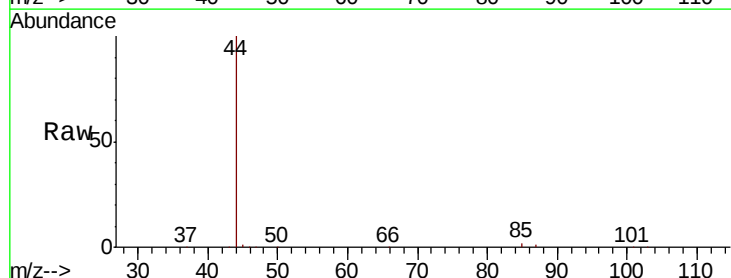
Acq: 15 May 2020 20:59

Tgt Ion: 85 Resp: 5905

Ion Ratio Lower Upper

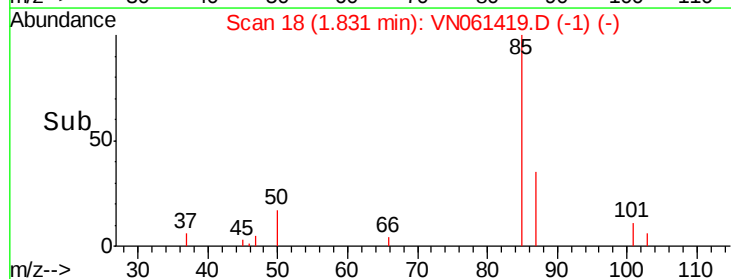
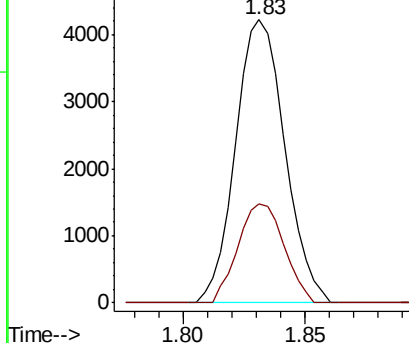
85 100

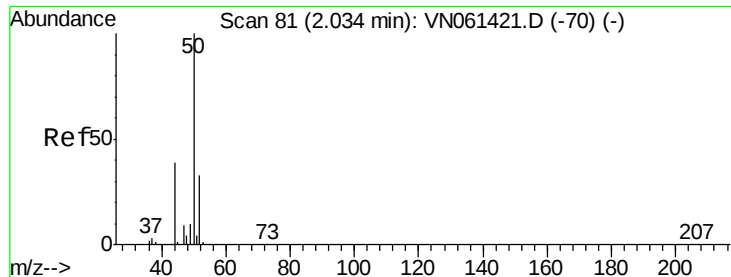
87 34.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 6.935 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

Instrument :

MSVOA_N

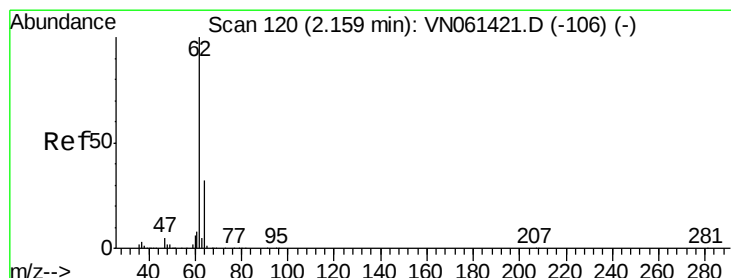
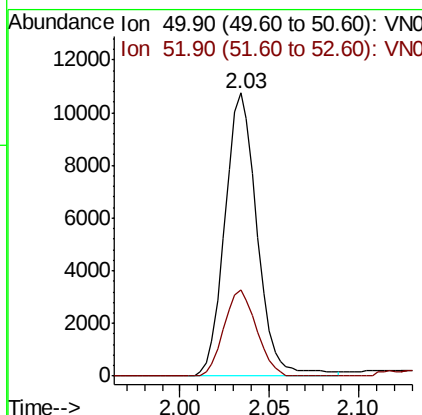
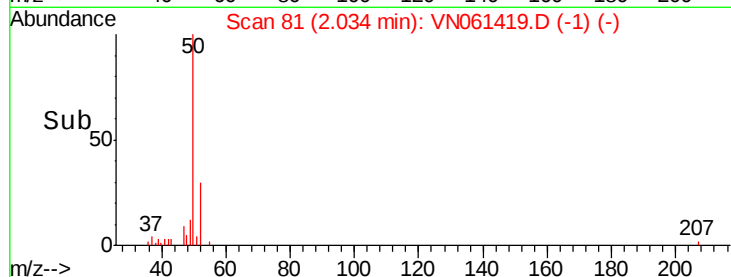
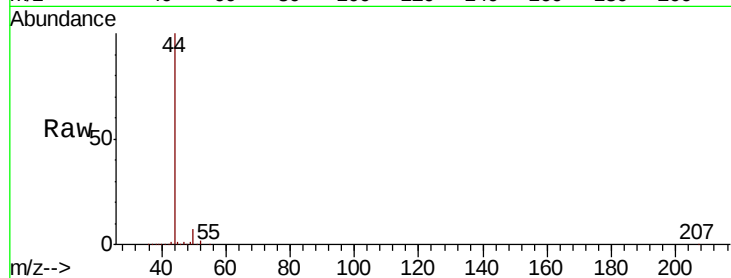
ClientSampled :

Tot Ion: 50 Resp: 13504

Ion Ratio Lower Upper

50 100

52 30.3 26.5 39.7



#4

Vinyl Chloride

Concen: 8.804 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061419.D

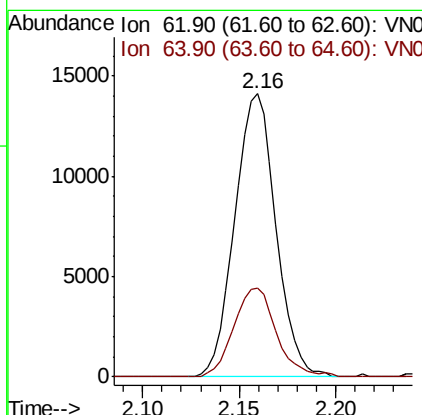
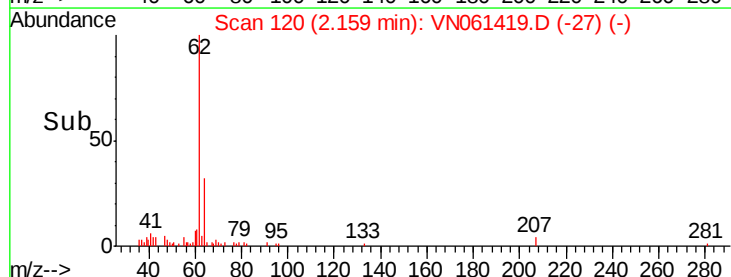
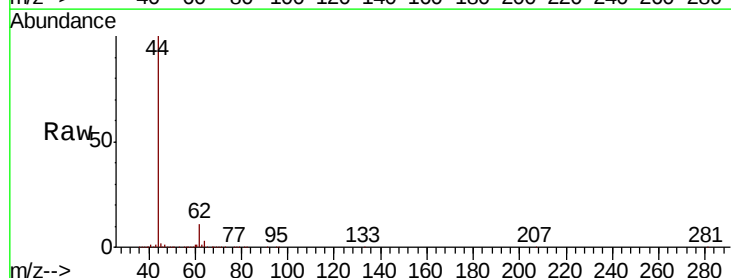
Acq: 15 May 2020 20:59

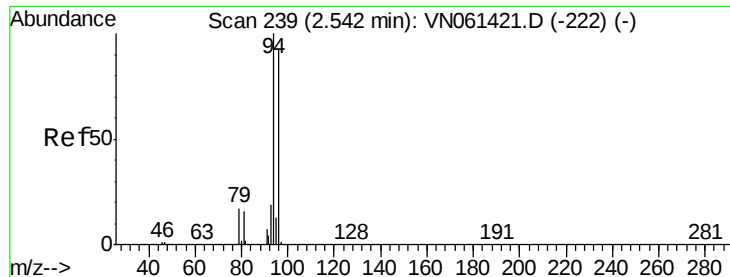
Tgt Ion: 62 Resp: 20892

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 9.970 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

Instrument :

MSVOA_N

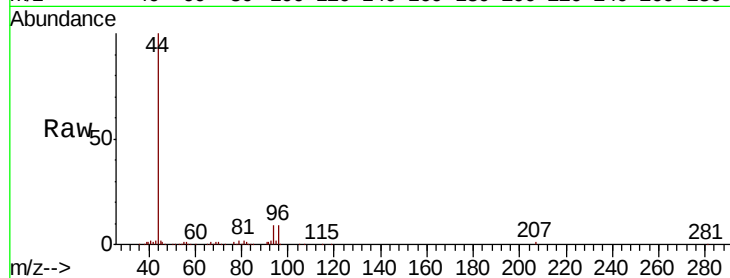
ClientSampleId :

Tot Ion: 94 Resp: 12385

Ion Ratio Lower Upper

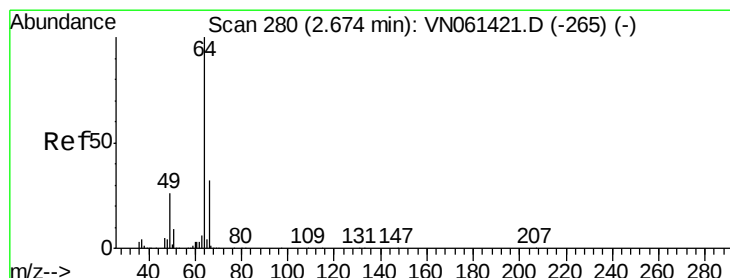
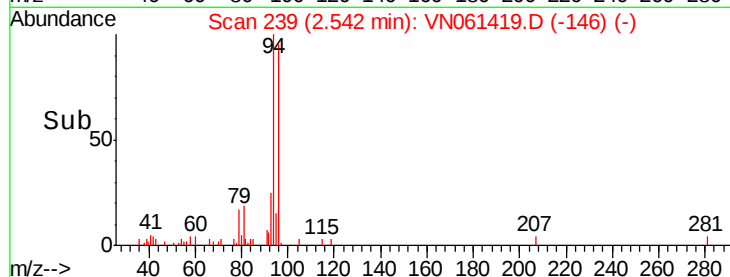
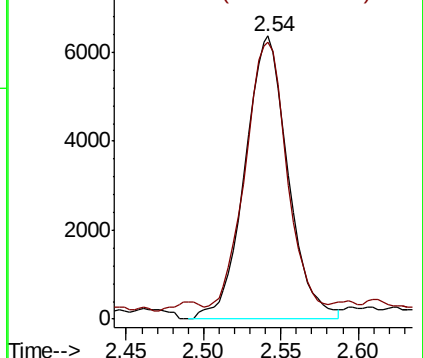
94 100

96 91.9 73.4 110.0



Abundance Ion 93.90 (93.60 to 94.60): VN061419.D (-146) (-)

Ion 95.90 (95.60 to 96.60): VN061419.D (-146) (-)



#6

Chloroethane

Concen: 9.838 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061419.D

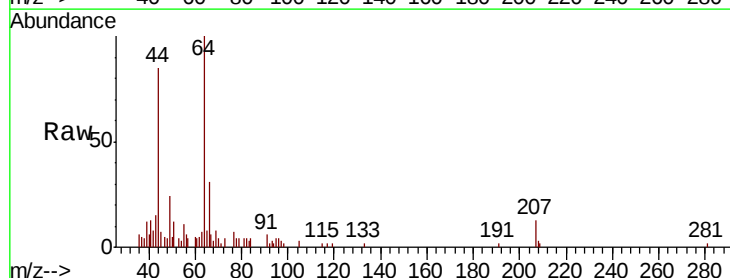
Acq: 15 May 2020 20:59

Tgt Ion: 64 Resp: 15098

Ion Ratio Lower Upper

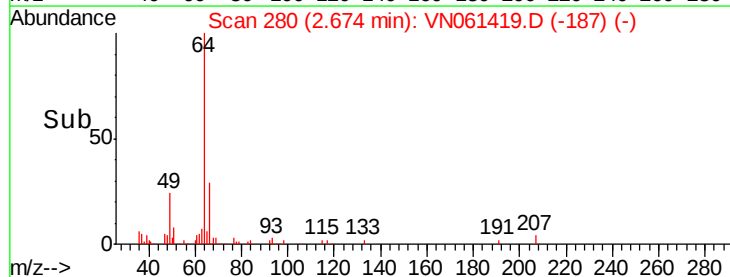
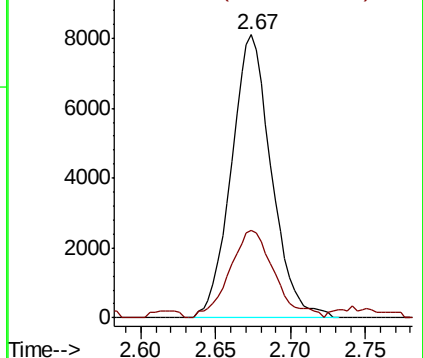
64 100

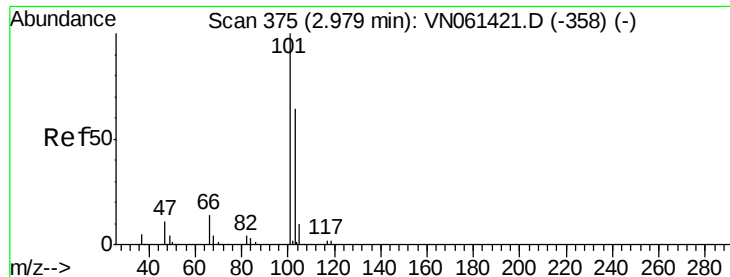
66 30.8 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VN061419.D (-187) (-)

Ion 65.90 (65.60 to 66.60): VN061419.D (-187) (-)



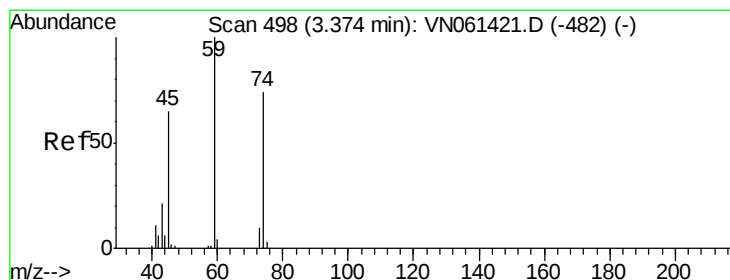
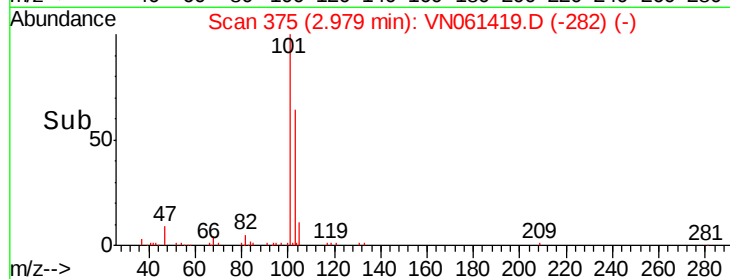
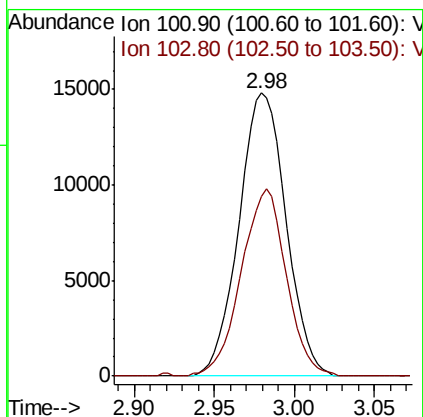
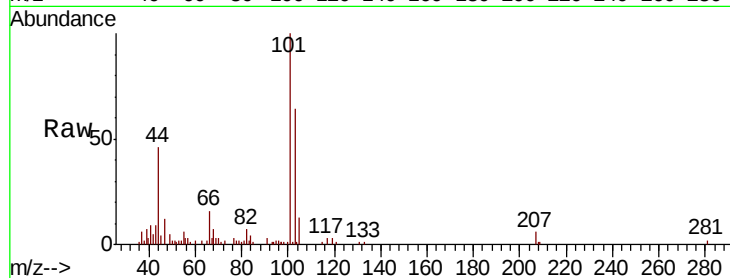


#7

Trichlorofluoromethane
 Concen: 11.236 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN061419.D
 Acq: 15 May 2020 20:59

Instrument :
 MSVOA_N
 ClientSampleId :

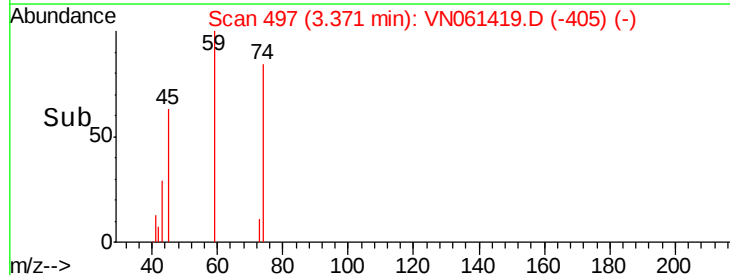
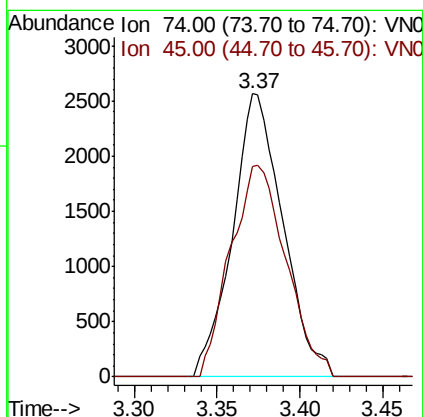
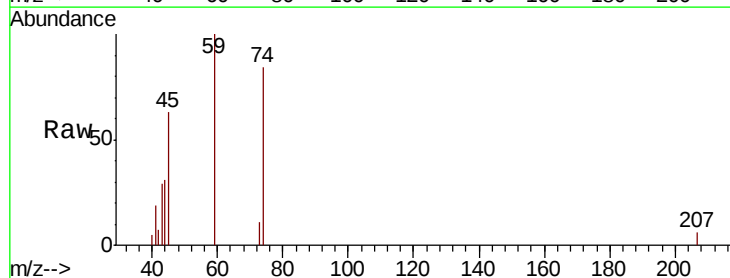
Tot Ion:101 Resp: 29933
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.4 77.0

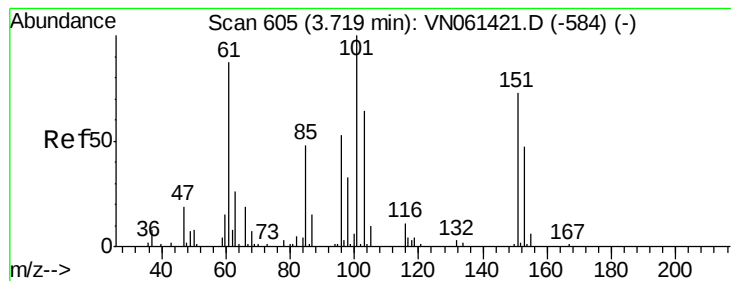


#8

Diethyl Ether
 Concen: 5.452 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN061419.D
 Acq: 15 May 2020 20:59

Tgt Ion: 74 Resp: 5412
 Ion Ratio Lower Upper
 74 100
 45 82.4 45.2 135.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.104 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

Instrument :

MSVOA_N

ClientSampleId :

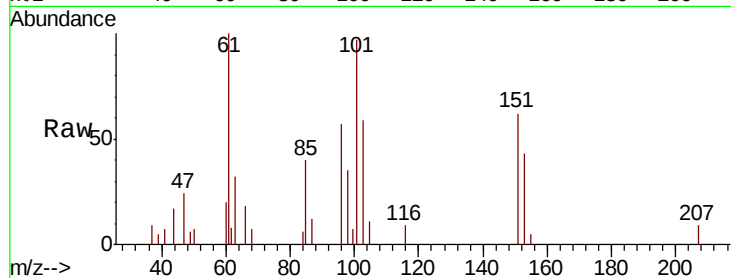
Tot Ion:101 Resp: 7790

Ion Ratio Lower Upper

101 100

85 24.8 38.4 57.6#

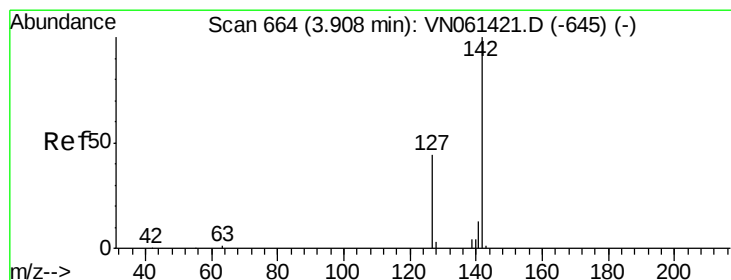
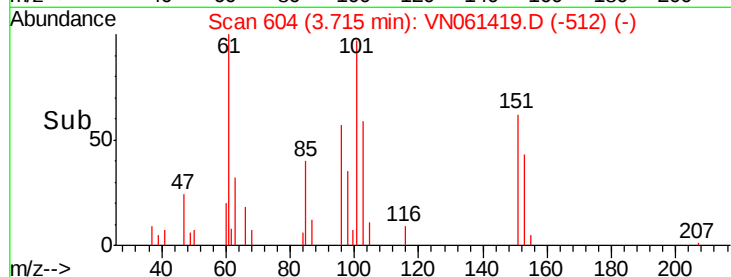
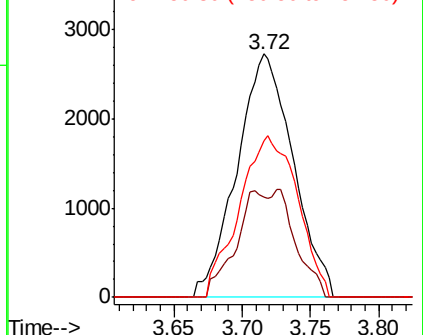
151 69.0 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.662 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

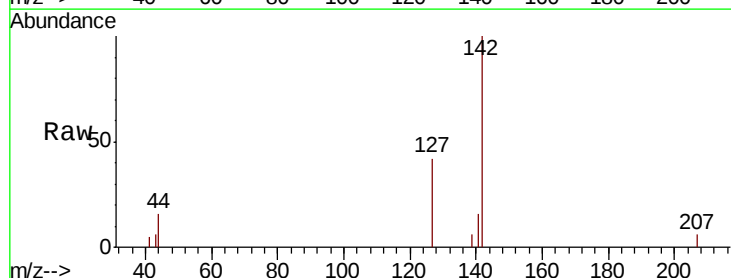
Tgt Ion:142 Resp: 9061

Ion Ratio Lower Upper

142 100

127 43.5 36.0 54.0

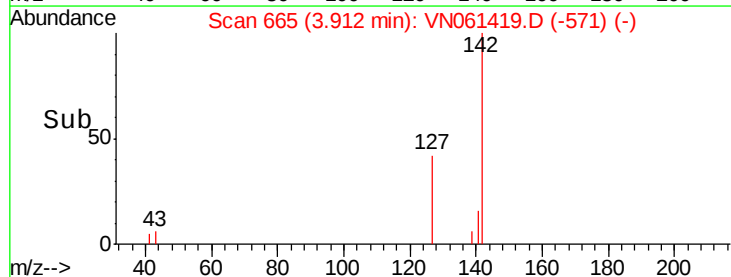
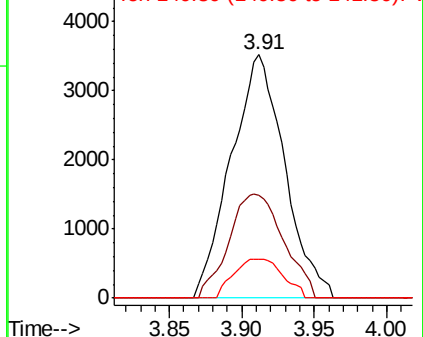
141 14.8 11.0 16.6

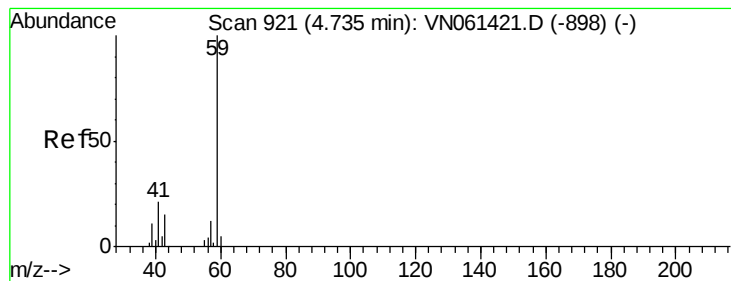


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



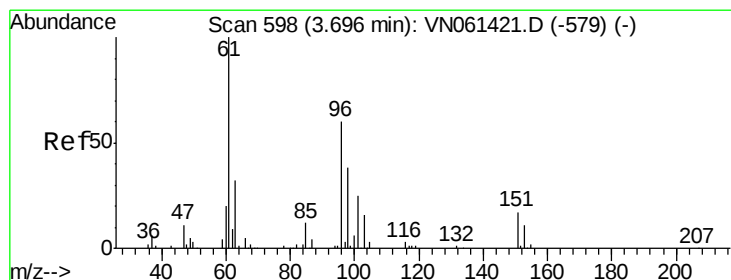
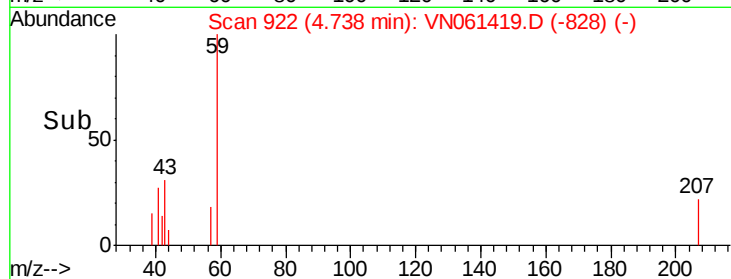
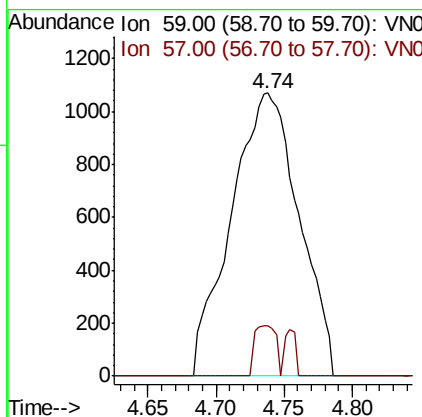
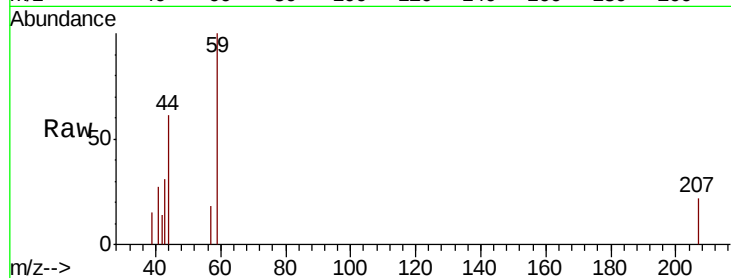


#11

Tert butyl alcohol
 Concen: 13.326 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN061419.D
 Acq: 15 May 2020 20:59

Instrument :
 MSVOA_N
 ClientSampled :

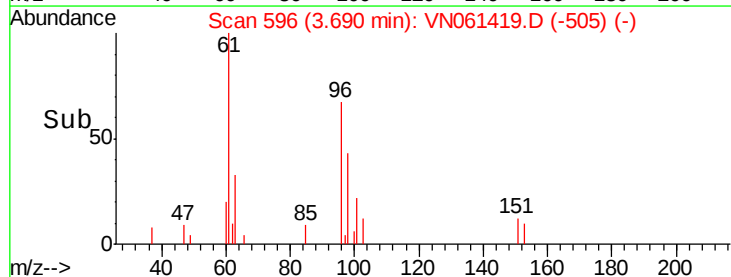
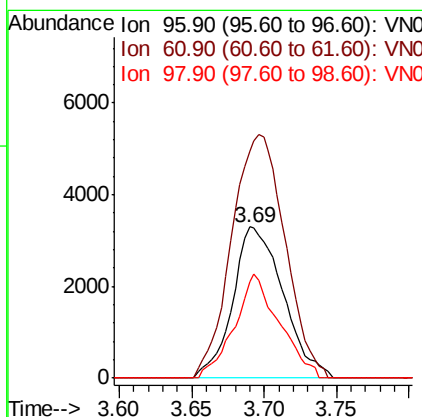
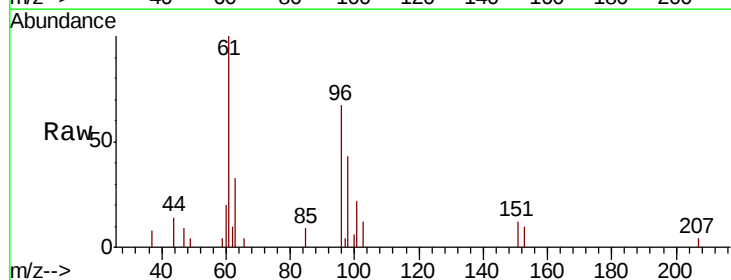
Tot Ion: 59 Resp: 3705
 Ion Ratio Lower Upper
 59 100
 57 5.6 8.8 13.2#

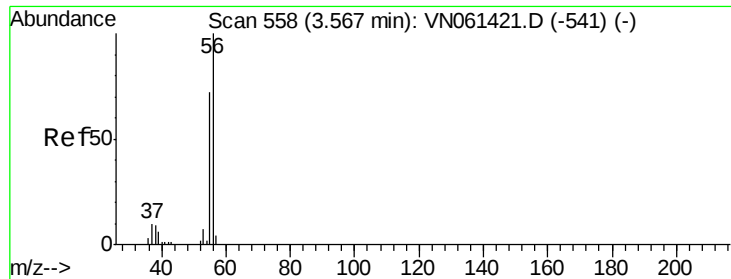


#12

1,1-Dichloroethene
 Concen: 5.182 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: VN061419.D
 Acq: 15 May 2020 20:59

Tgt Ion: 96 Resp: 7968
 Ion Ratio Lower Upper
 96 100
 61 150.2 133.9 200.9
 98 64.1 50.4 75.6





#13

Acrolein

Concen: 30.570 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

Instrument :

MSVOA_N

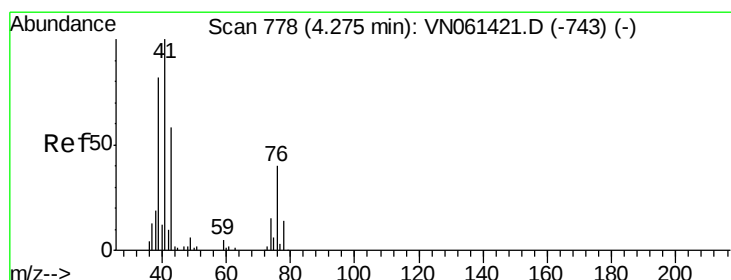
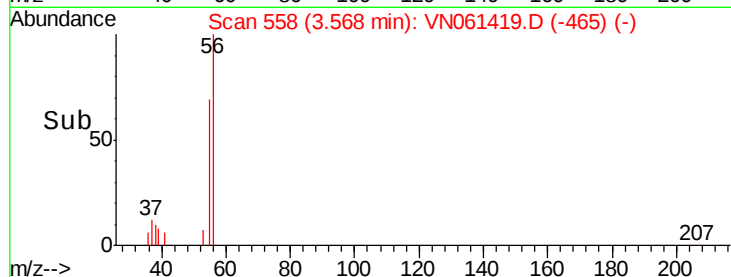
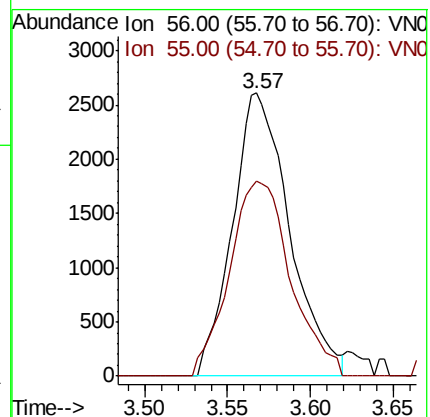
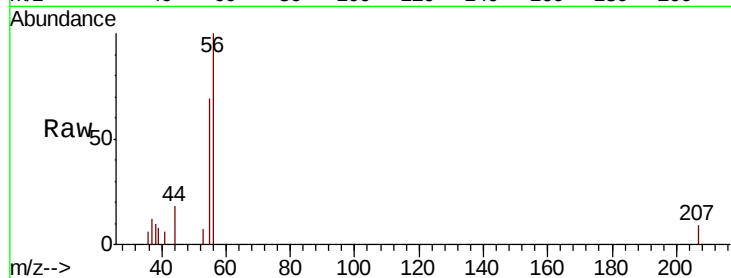
ClientSampleId :

Tot Ion: 56 Resp: 6256

Ion Ratio Lower Upper

56 100

55 73.9 56.4 84.6



#14

Allyl chloride

Concen: 4.932 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

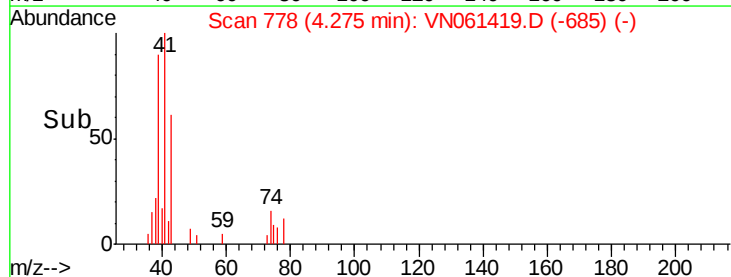
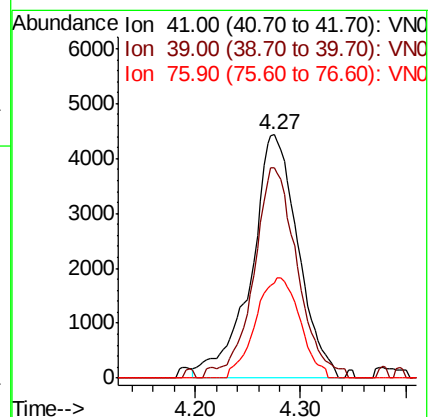
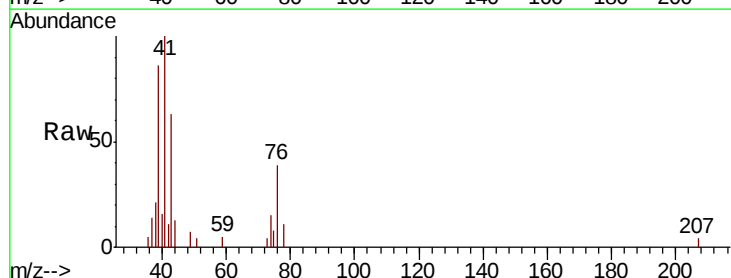
Tgt Ion: 41 Resp: 13701

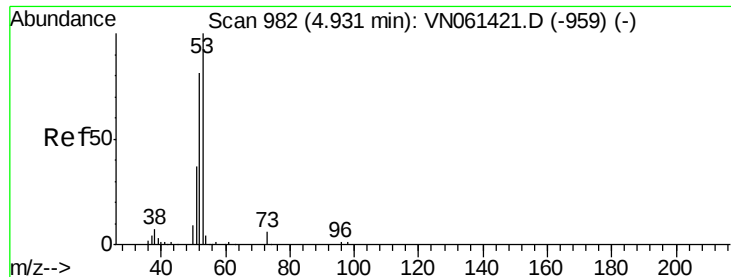
Ion Ratio Lower Upper

41 100

39 80.7 63.4 95.2

76 39.0 30.7 46.1





#15

Acrylonitrile

Concen: 19.757 ug/l

RT: 4.94 min Scan# 984

Delta R.T. 0.01 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

Instrument :

MSVOA_N

ClientSampleId :

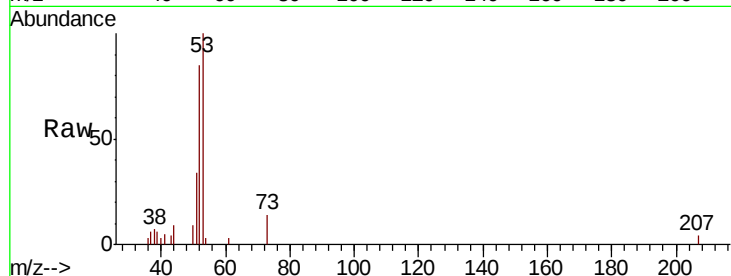
Tot Ion: 53 Resp: 18086

Ion Ratio Lower Upper

53 100

52 82.2 64.4 96.6

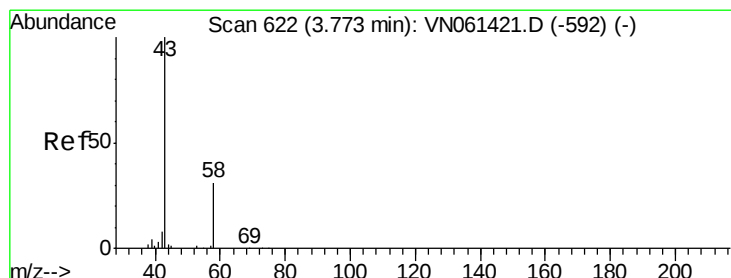
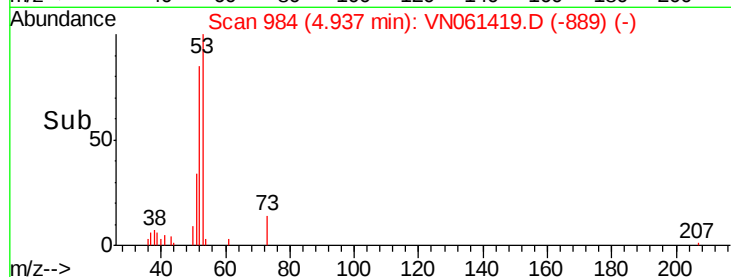
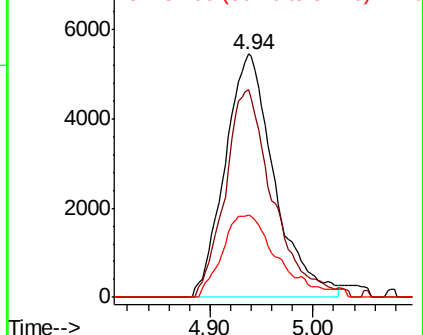
51 37.9 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN061419.D (-959) (-)

Ion 52.00 (51.70 to 52.70): VN061419.D (-959) (-)

Ion 51.00 (50.70 to 51.70): VN061419.D (-959) (-)



#16

Acetone

Concen: 12.633 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061419.D

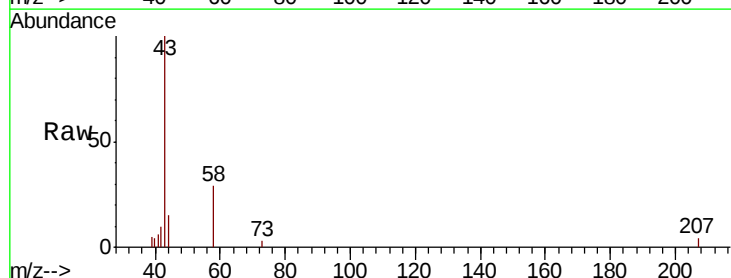
Acq: 15 May 2020 20:59

Tgt Ion: 43 Resp: 13949

Ion Ratio Lower Upper

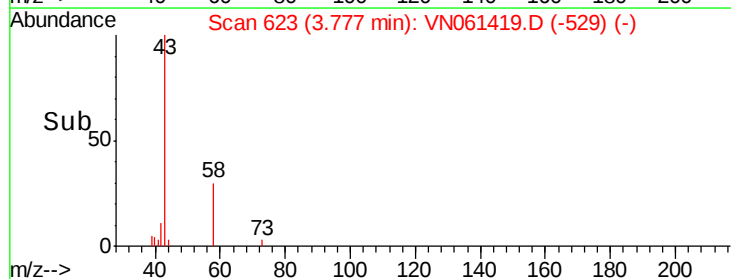
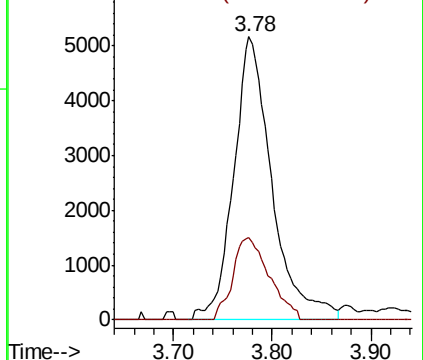
43 100

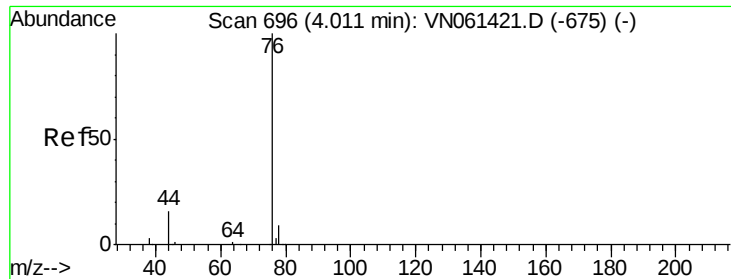
58 29.1 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN061419.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN061419.D (-529) (-)

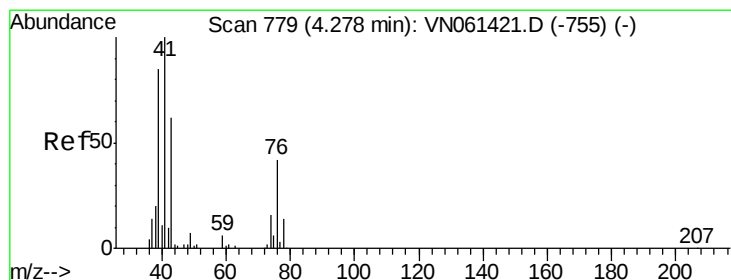
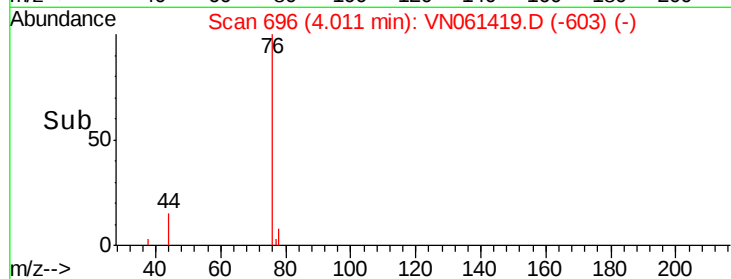
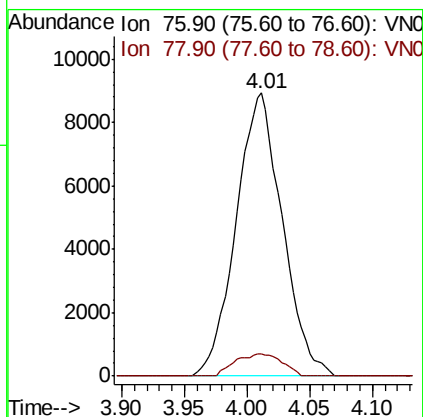
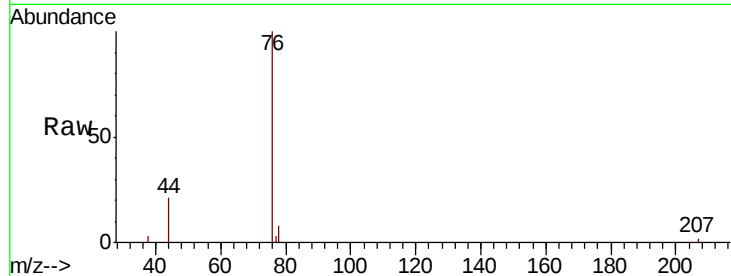




#17
Carbon Disulfide
Concen: 5.519 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

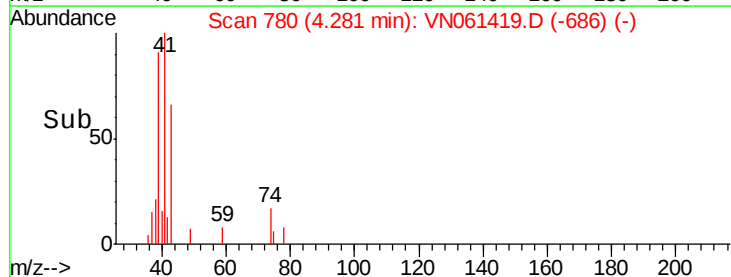
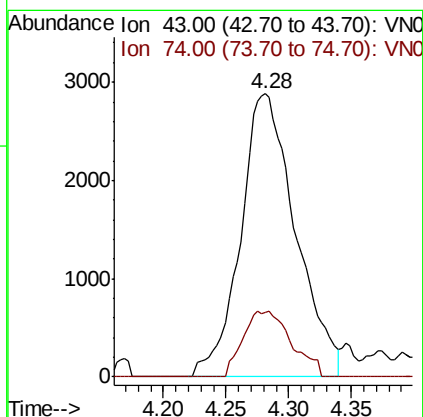
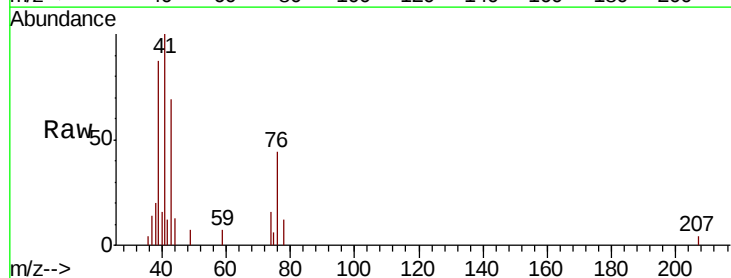
Instrument :
MSVOA_N
ClientSampleId :

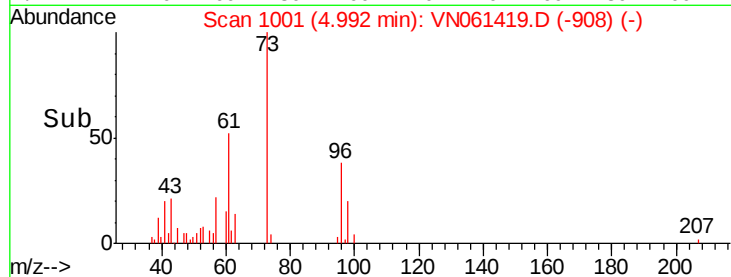
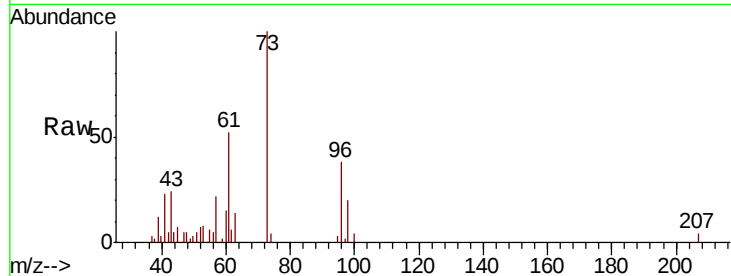
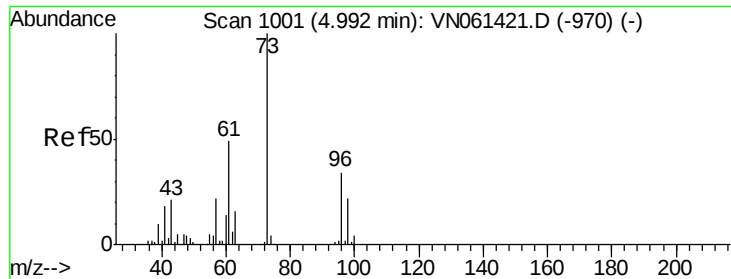
Tot Ion: 76 Resp: 22894
Ion Ratio Lower Upper
76 100
78 7.8 7.2 10.8



#18
Methyl Acetate
Concen: 2.953 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

Tgt Ion: 43 Resp: 8811
Ion Ratio Lower Upper
43 100
74 20.5 19.8 29.6

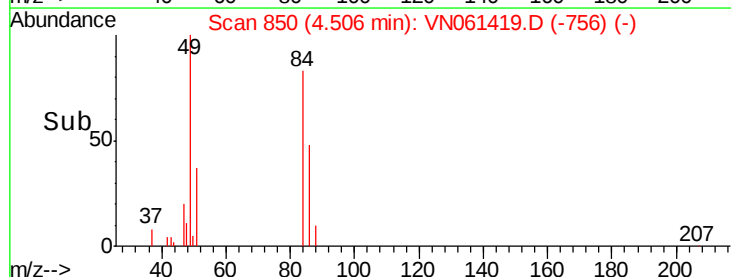
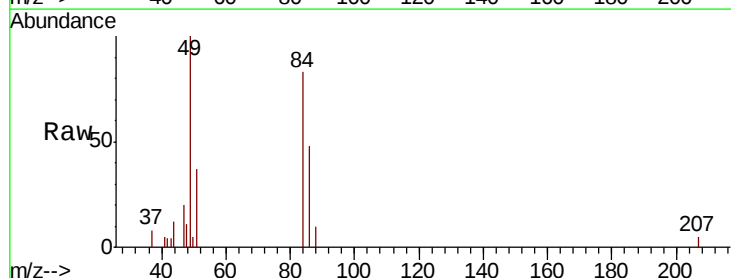
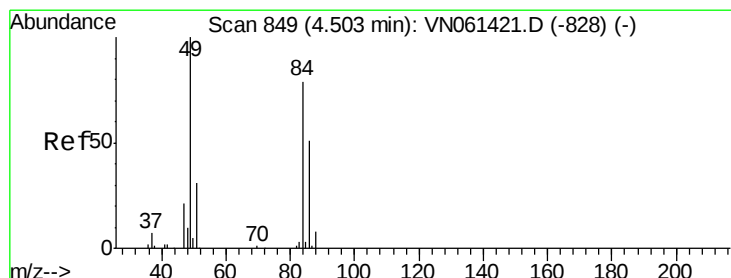
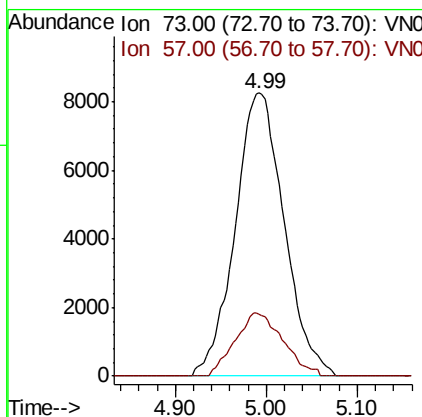




#19
Methyl tert-butyl Ether
Concen: 5.225 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

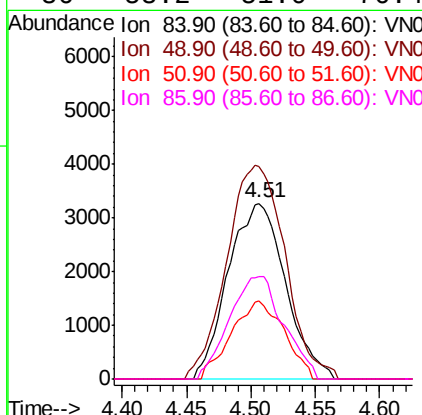
Instrument :
MSVOA_N
ClientSampleId :

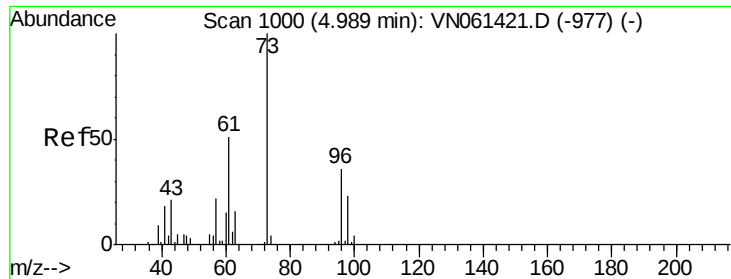
Tot Ion: 73 Resp: 30882
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4



#20
Methylene Chloride
Concen: 5.608 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

Tgt Ion: 84 Resp: 10117
Ion Ratio Lower Upper
84 100
49 121.2 101.0 151.4
51 44.8 31.6 47.4
86 58.2 51.0 76.4

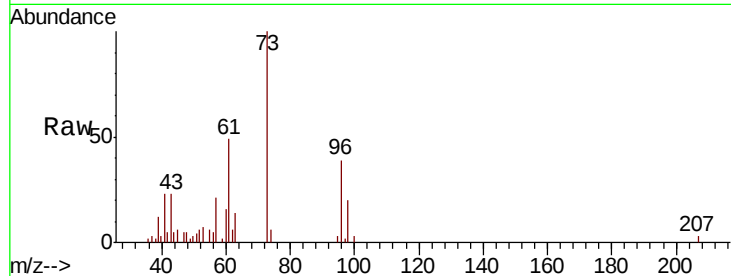




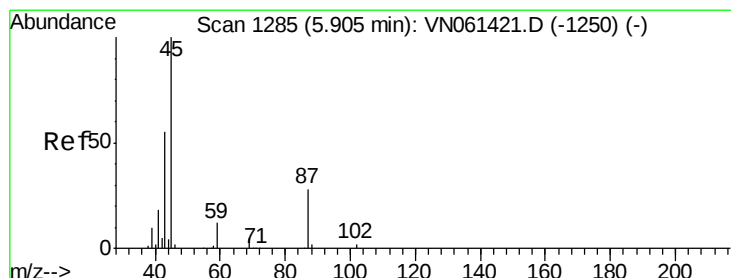
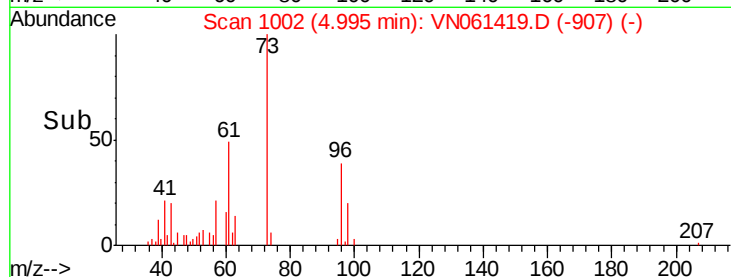
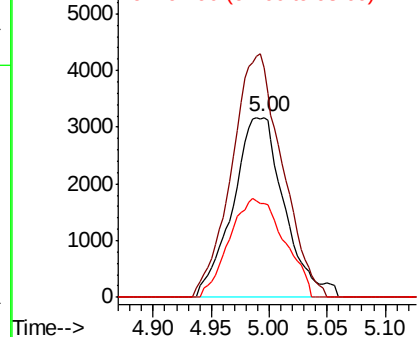
#21
trans-1,2-Dichloroethene
Concen: 5.796 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 9806
Ion Ratio Lower Upper
96 100
61 127.6 113.8 170.6
98 52.3 50.8 76.2

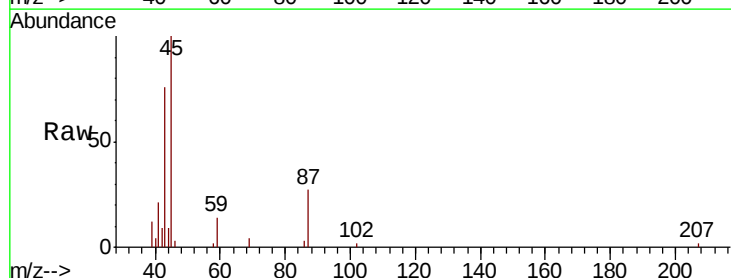


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

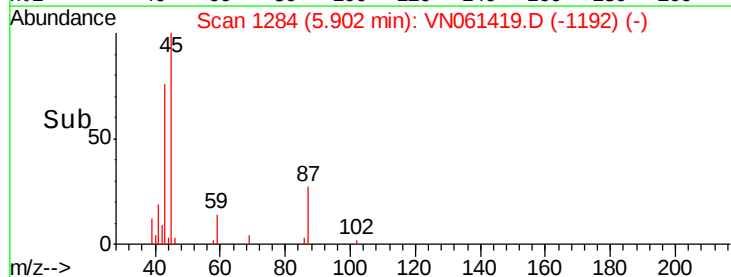
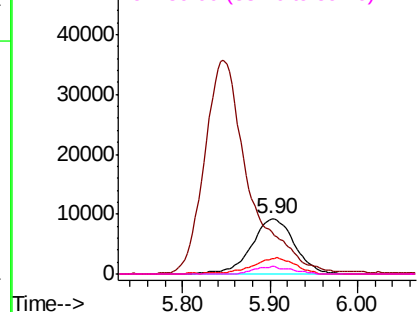


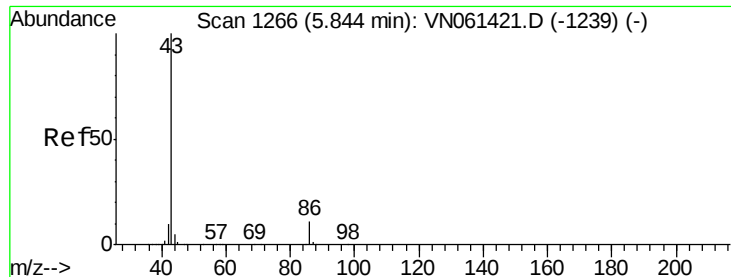
#22
Diisopropyl ether
Concen: 4.800 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

Tgt Ion: 45 Resp: 31424
Ion Ratio Lower Upper
45 100
43 70.5 49.1 73.7
87 27.2 23.0 34.4
59 14.2 9.4 14.0#



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: 24.155 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

Instrument :

MSVOA_N

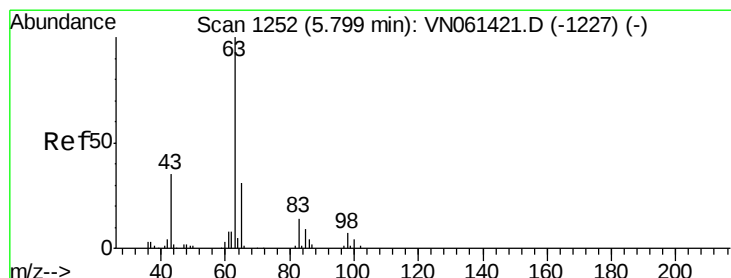
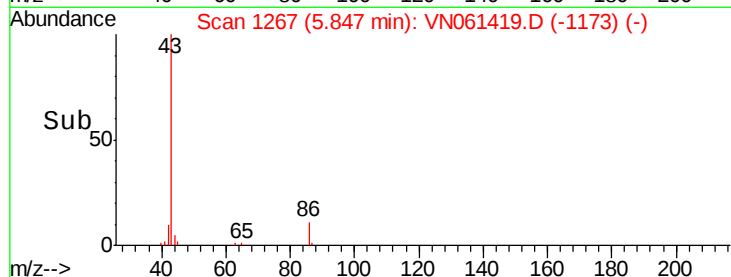
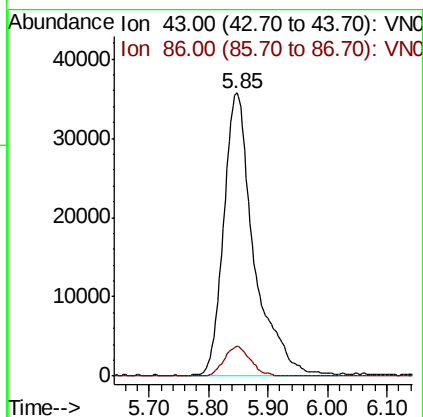
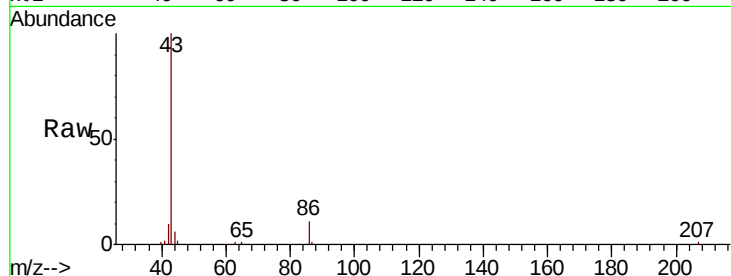
ClientSampleId :

Tot Ion: 43 Resp: 127141

Ion Ratio Lower Upper

43 100

86 10.7 8.7 13.1



#24

1,1-Dichloroethane

Concen: 5.272 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

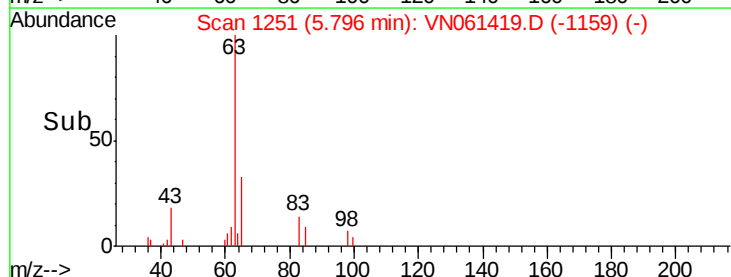
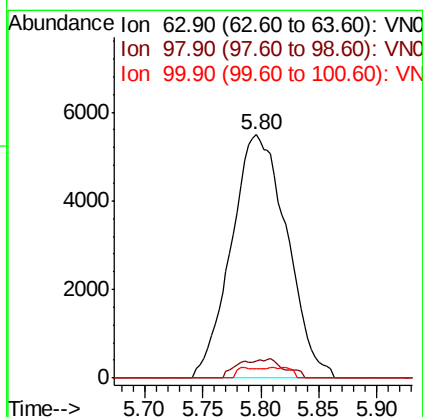
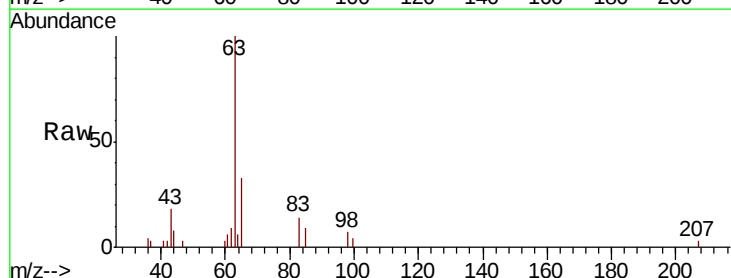
Tgt Ion: 63 Resp: 18304

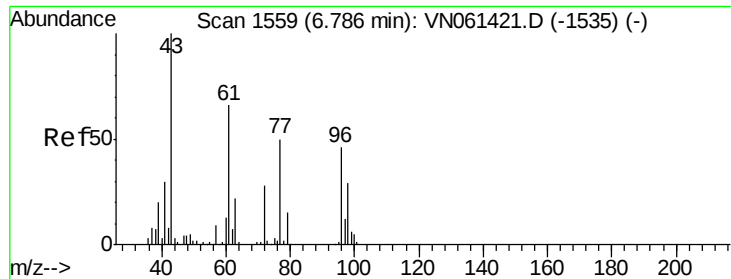
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 3.9 2.1 6.2

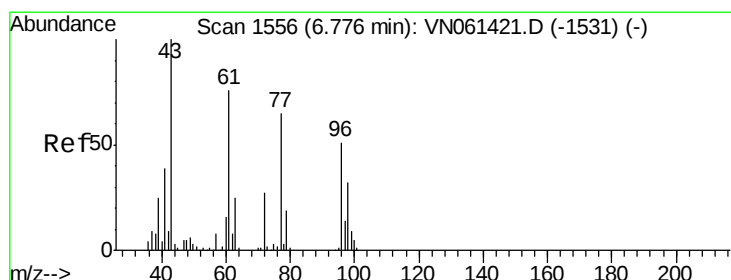
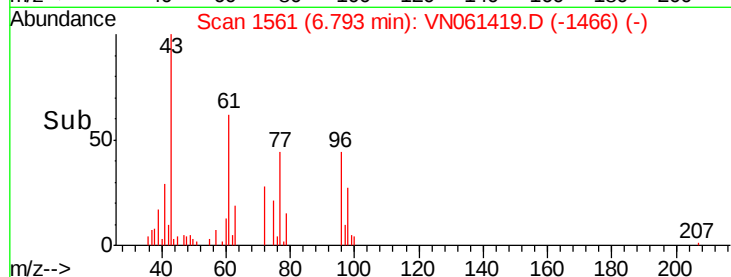
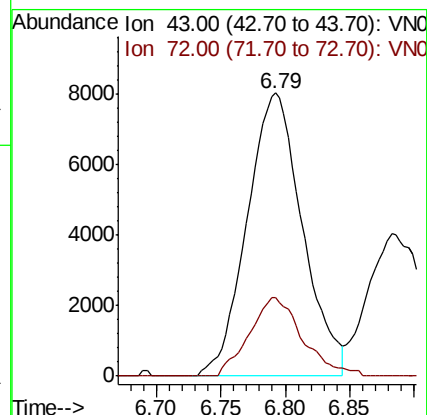
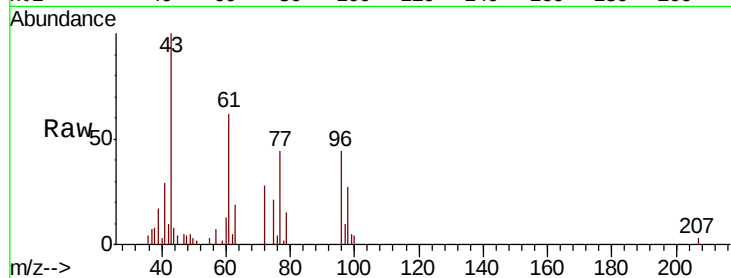




#25
2-Butanone
Concen: 18.617 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

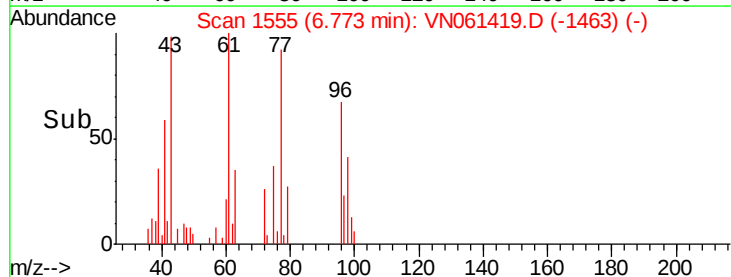
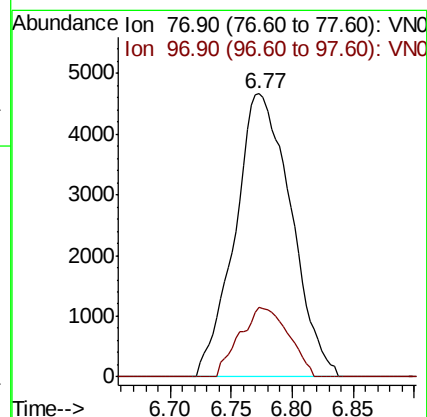
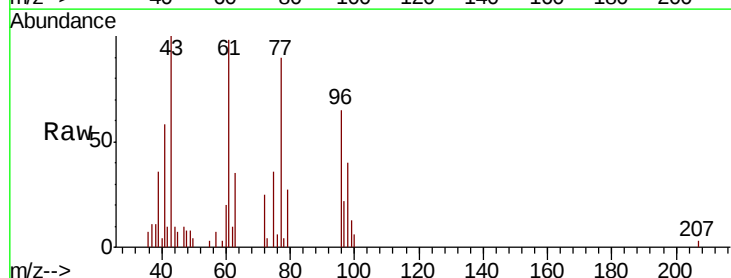
Instrument :
MSVOA_N
ClientSampled :

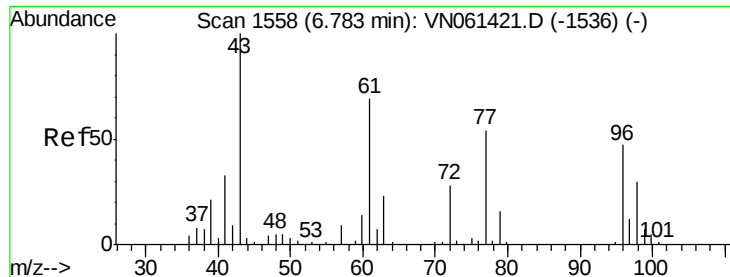
Tot Ion: 43 Resp: 24084
Ion Ratio Lower Upper
43 100
72 27.7 22.6 33.8



#26
2,2-Dichloropropane
Concen: 5.064 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

Tgt Ion: 77 Resp: 14861
Ion Ratio Lower Upper
77 100
97 21.4 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 5.537 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

Instrument :

MSVOA_N

ClientSampled :

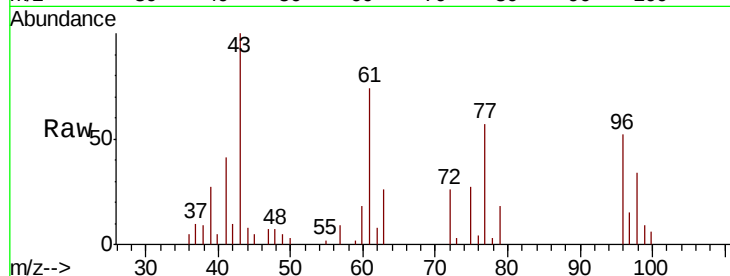
Tot Ion: 96 Resp: 11093

Ion Ratio Lower Upper

96 100

61 147.7 0.0 293.0

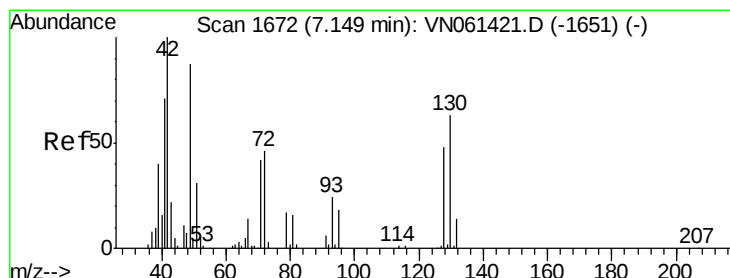
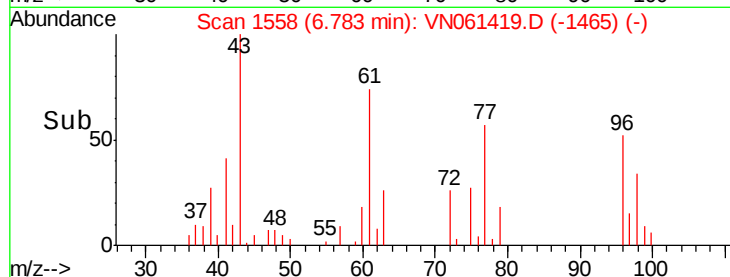
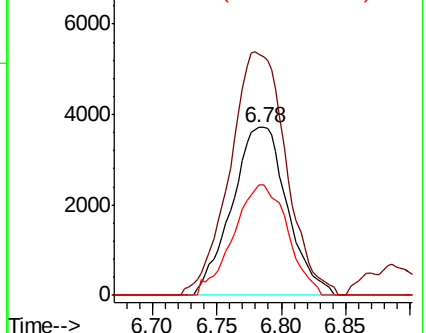
98 64.2 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 4.691 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

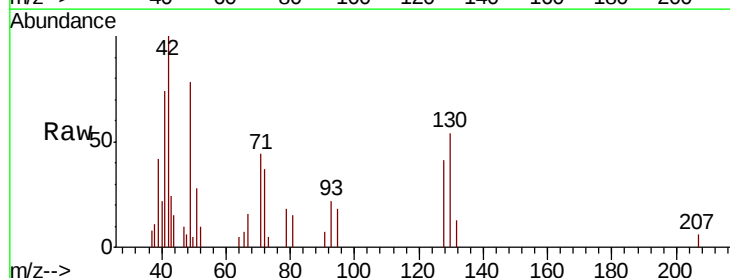
Tgt Ion: 49 Resp: 7823

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

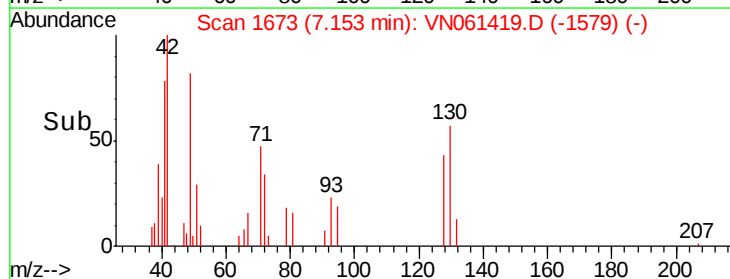
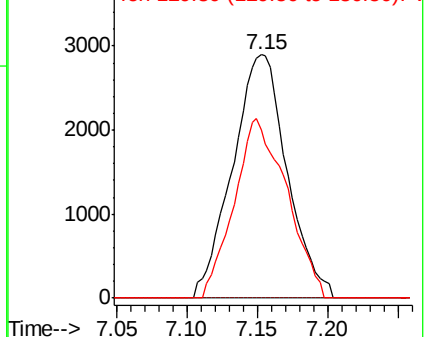
130 70.9 57.4 86.0

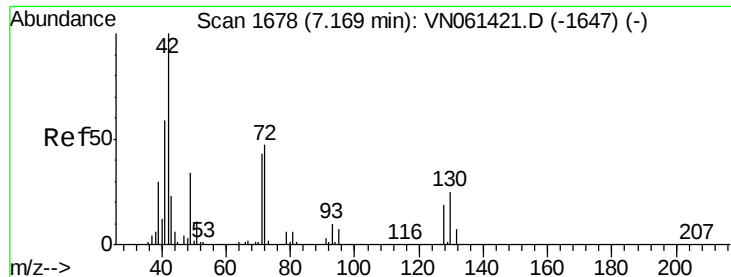


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

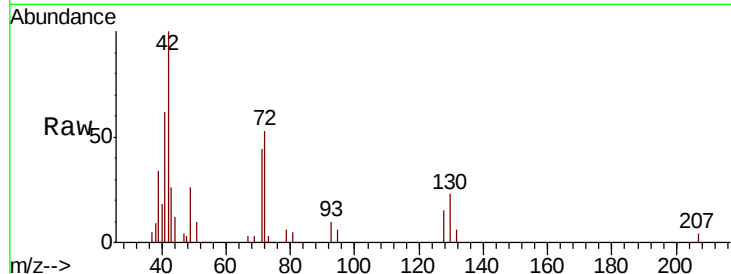




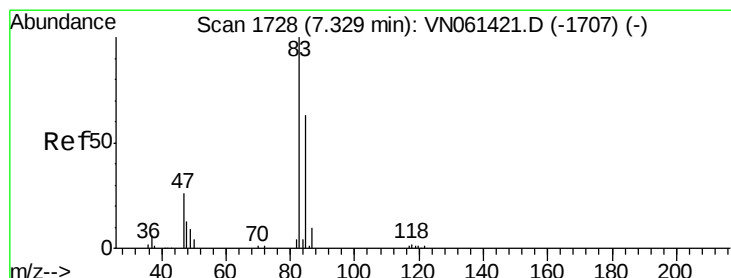
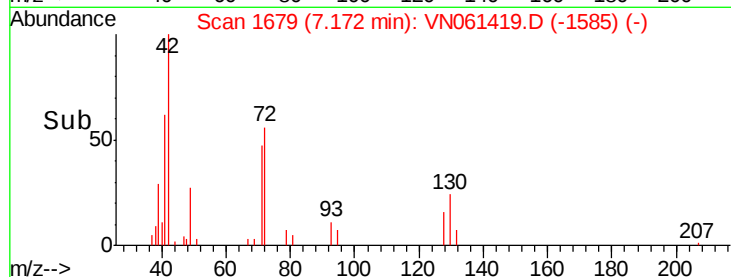
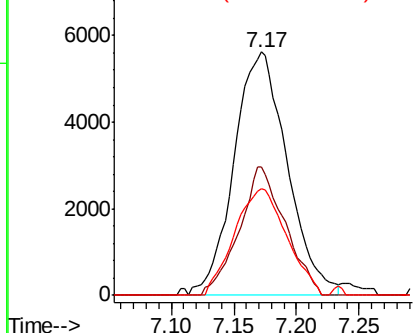
#29
Tetrahydrofuran
Concen: 18.964 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 16604
Ion Ratio Lower Upper
42 100
72 45.4 37.1 55.7
71 42.9 34.5 51.7

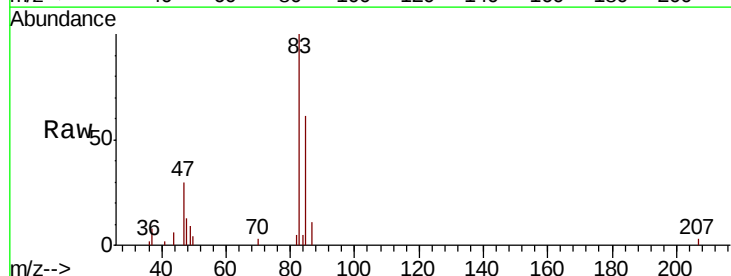


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

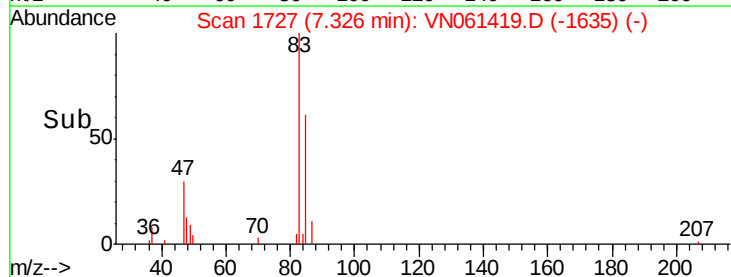
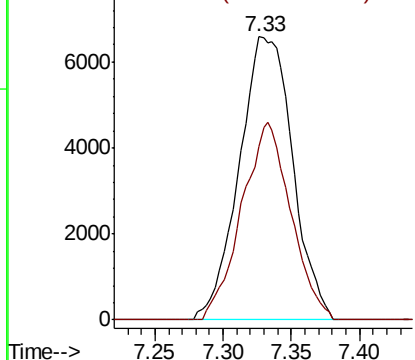


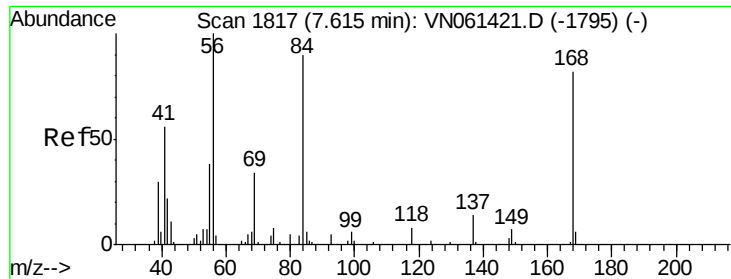
#30
Chloroform
Concen: 5.065 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

Tgt Ion: 83 Resp: 17918
Ion Ratio Lower Upper
83 100
85 61.2 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

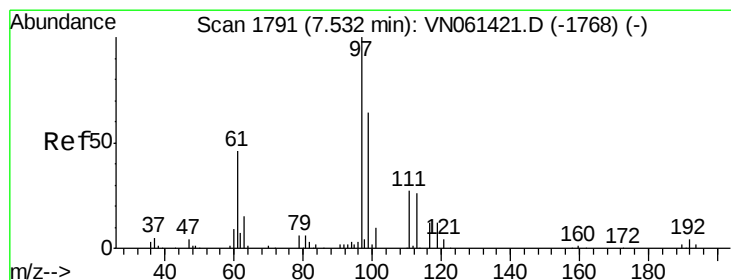
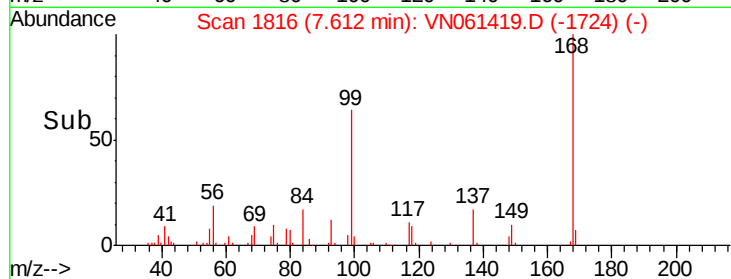
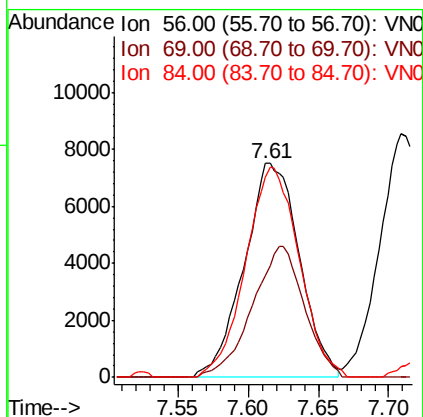
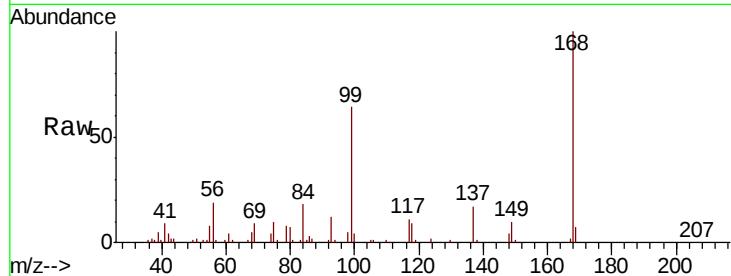




#31
Cyclohexane
Concen: 6.093 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

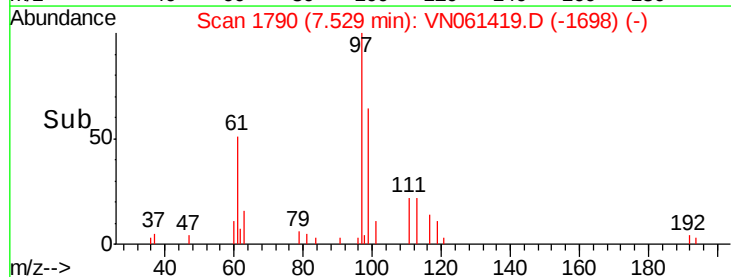
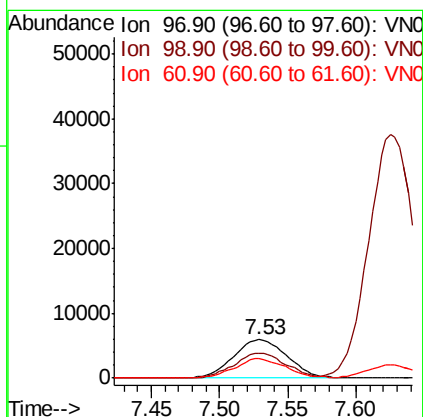
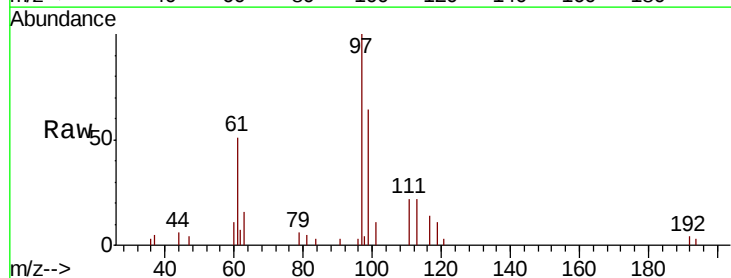
Instrument :
MSVOA_N
ClientSampled :

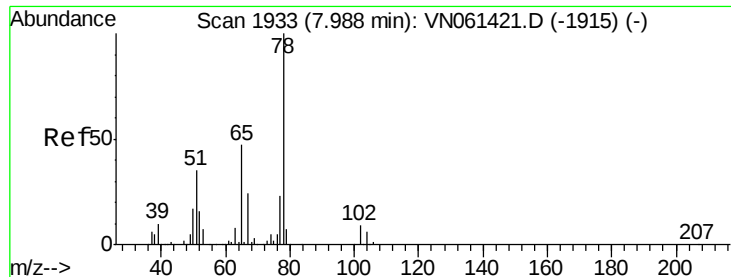
Tot Ion: 56 Resp: 20546
Ion Ratio Lower Upper
56 100
69 47.7 27.0 40.4#
84 93.7 71.7 107.5



#32
1,1,1-Trichloroethane
Concen: 5.253 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

Tgt Ion: 97 Resp: 16280
Ion Ratio Lower Upper
97 100
99 62.2 50.7 76.1
61 47.4 37.0 55.4

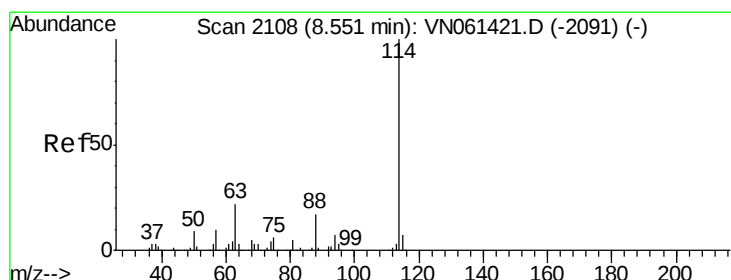
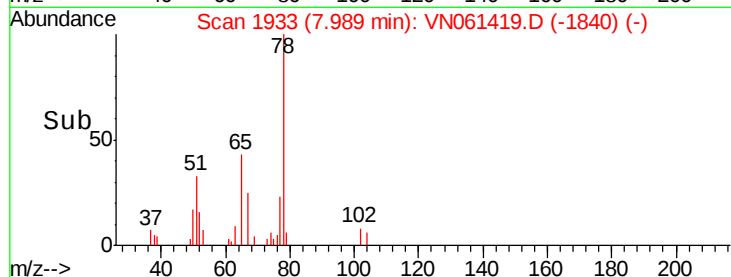
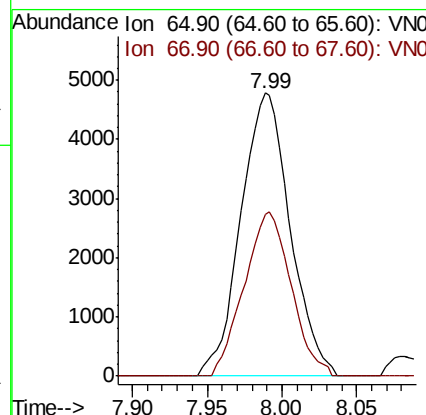
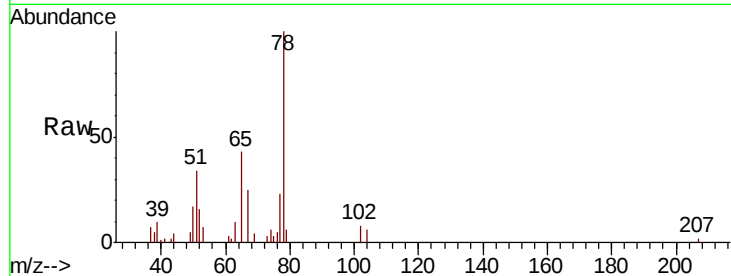




#33
 1,2-Dichloroethane-d4
 Concen: 4.695 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061419.D
 Acq: 15 May 2020 20:59

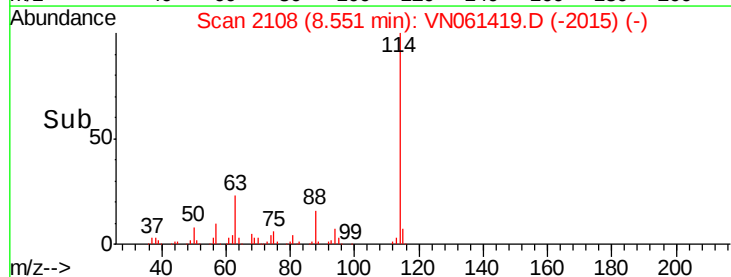
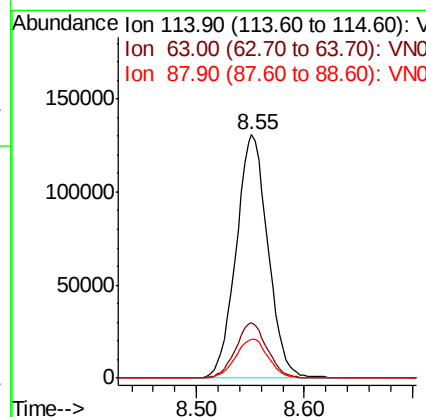
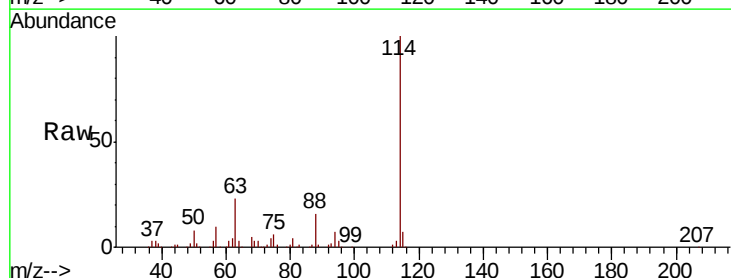
Instrument :
 MSVOA_N
 ClientSampled :

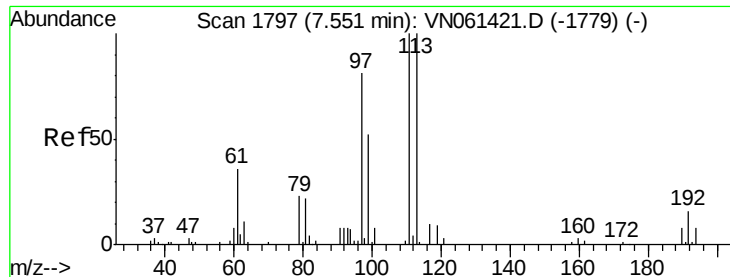
Tot Ion: 65 Resp: 10960
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061419.D
 Acq: 15 May 2020 20:59

Tgt Ion: 114 Resp: 268559
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 44.4
 88 15.9 0.0 33.6

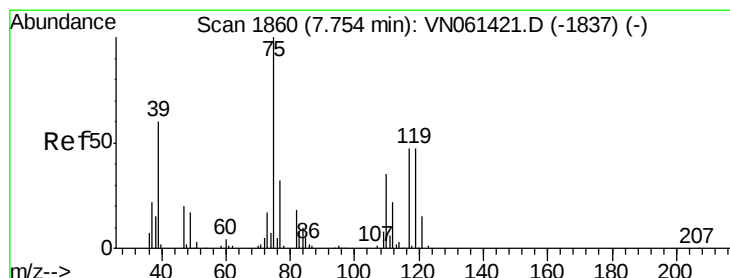
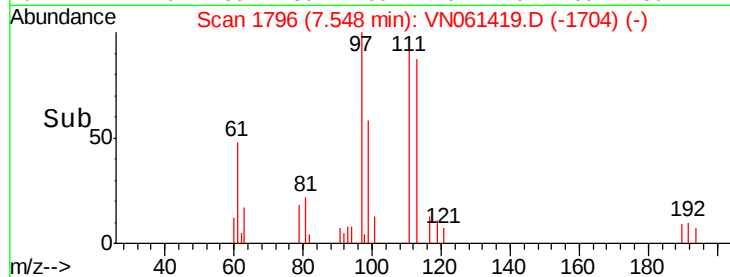
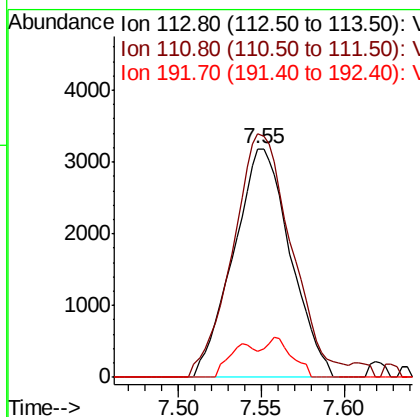
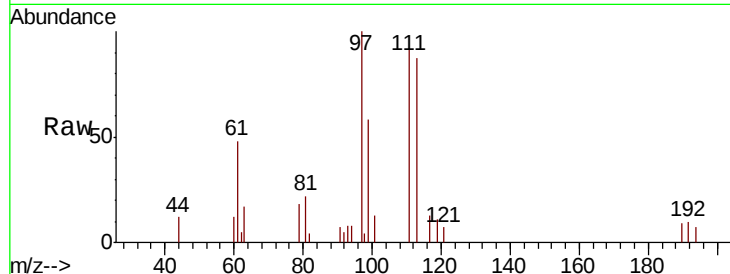




#35
 Dibromofluoromethane
 Concen: 4.918 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061419.D
 Acq: 15 May 2020 20:59

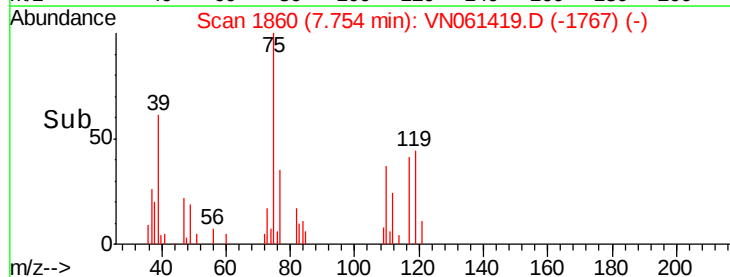
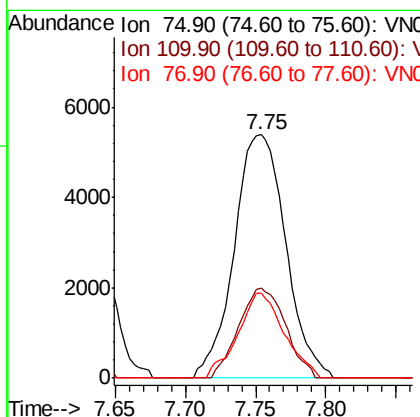
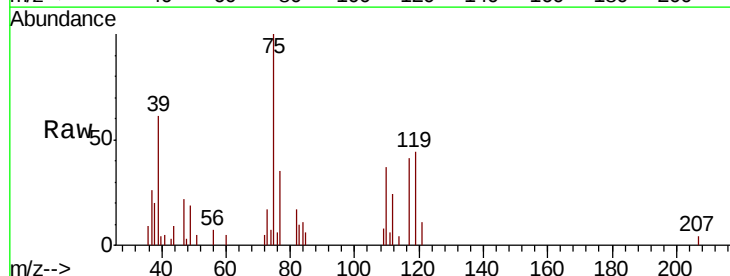
Instrument :
 MSVOA_N
 ClientSampled :

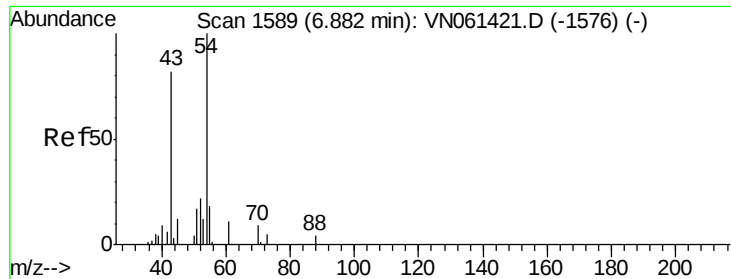
Tot Ion:113 Resp: 7591
 Ion Ratio Lower Upper
 113 100
 111 110.3 82.6 124.0
 192 7.3 13.4 20.0#



#36
 1,1-Dichloropropene
 Concen: 5.171 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN061419.D
 Acq: 15 May 2020 20:59

Tgt Ion: 75 Resp: 13759
 Ion Ratio Lower Upper
 75 100
 110 33.6 16.7 50.1
 77 31.3 24.7 37.1

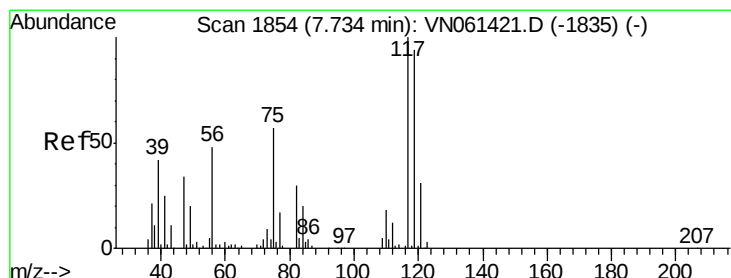
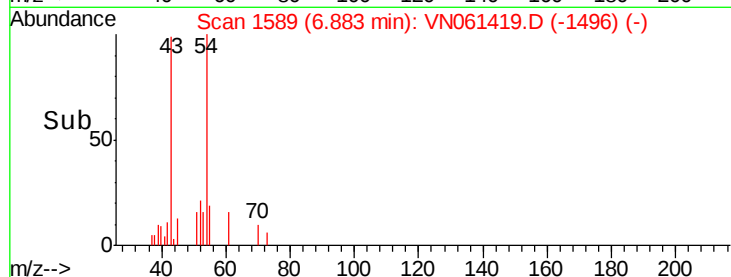
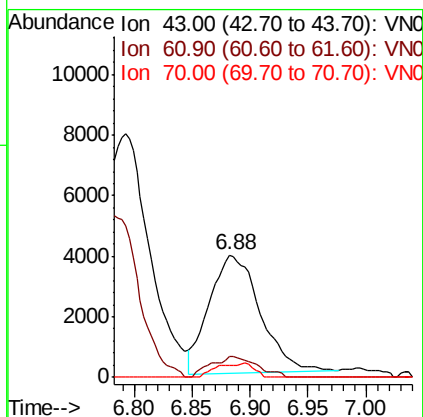
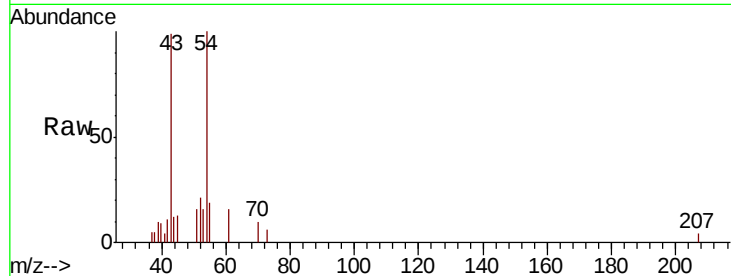




#37
Ethyl Acetate
Concen: 3.987 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

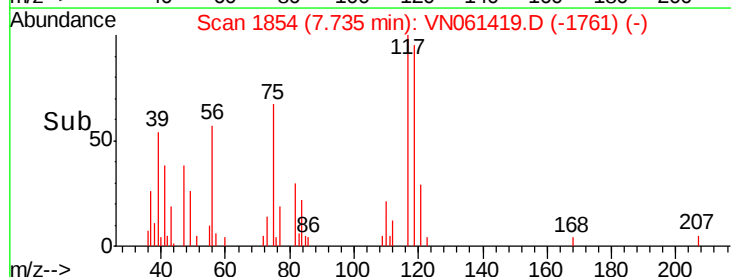
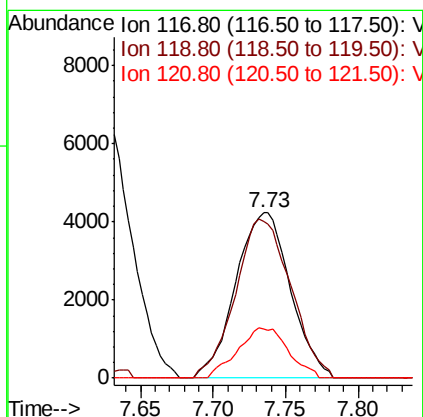
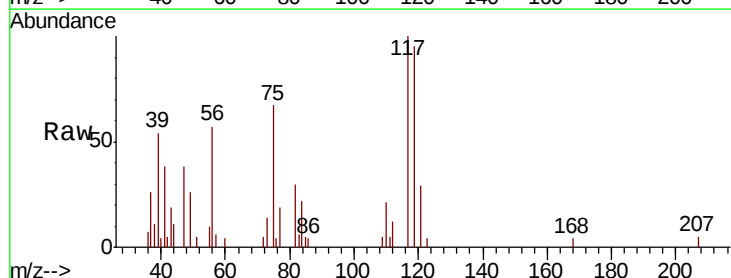
Instrument :
MSVOA_N
ClientSampled :

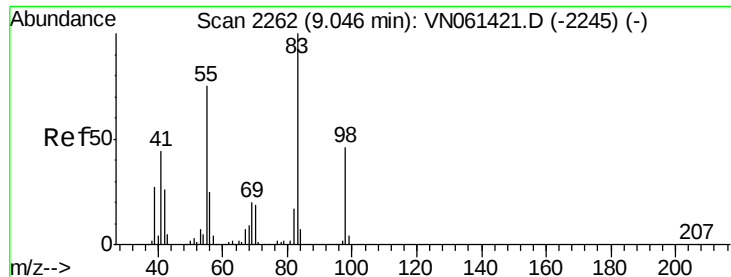
Tot Ion: 43 Resp: 11879
Ion Ratio Lower Upper
43 100
61 14.9 11.5 17.3
70 8.7 8.0 12.0



#38
Carbon Tetrachloride
Concen: 5.164 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

Tgt Ion: 117 Resp: 11106
Ion Ratio Lower Upper
117 100
119 95.1 75.5 113.3
121 29.4 24.6 36.8

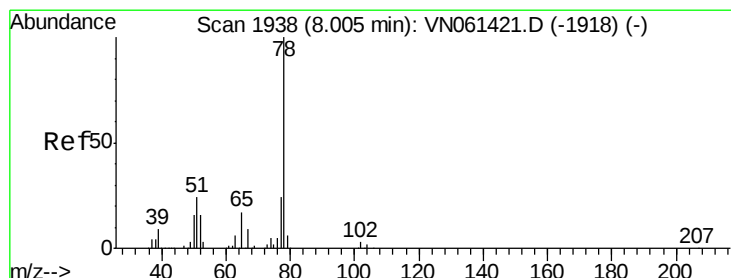
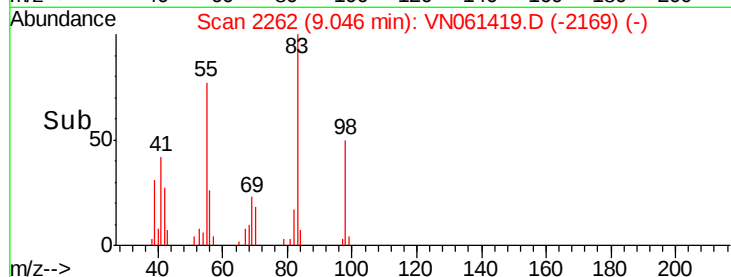
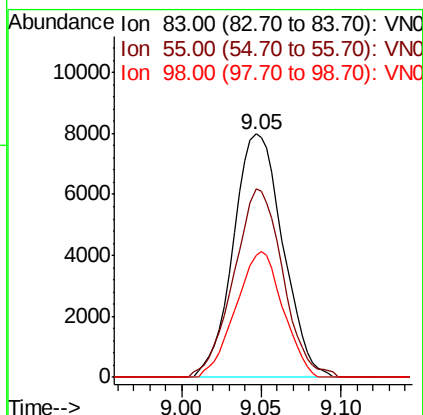
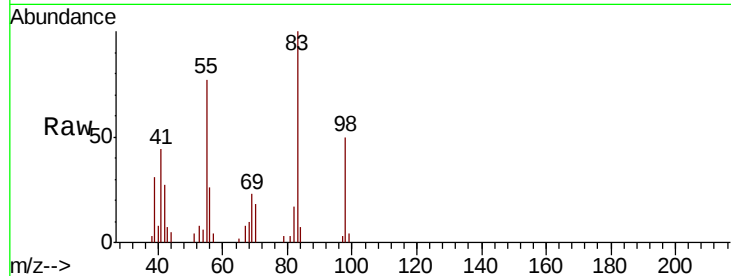




#39
Methvlcvclohexane
Concen: 5.572 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

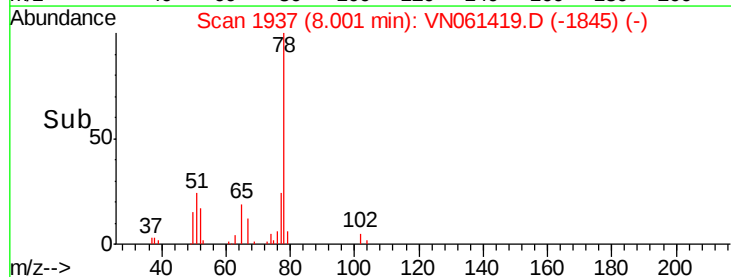
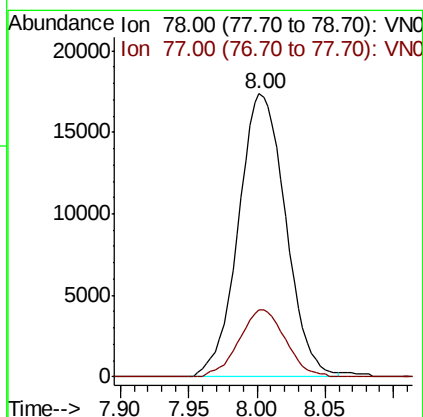
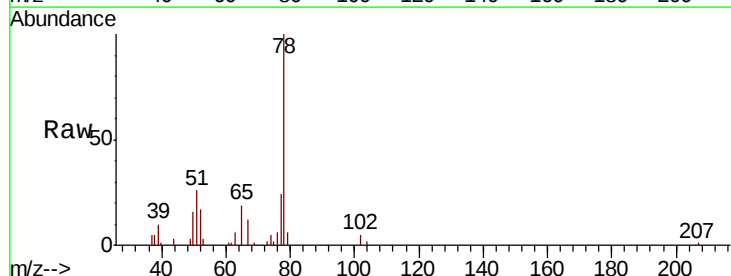
Instrument :
MSVOA_N
ClientSampled :

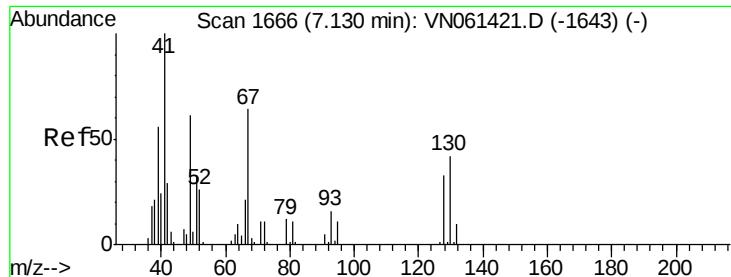
Tot Ion	83	Resp	16896
Ion Ratio	Lower	Upper	
83	100		
55	77.2	60.1	90.1
98	50.2	37.0	55.6



#40
Benzene
Concen: 5.232 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

Tgt Ion	78	Resp	41683
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.0	28.6

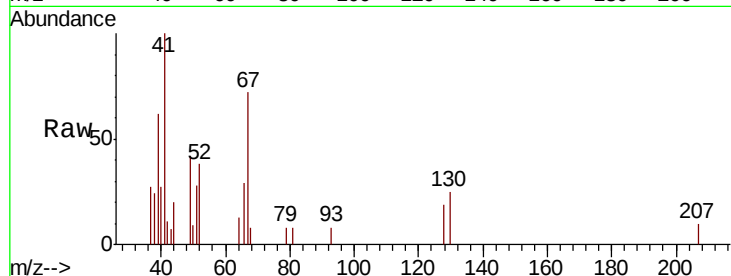




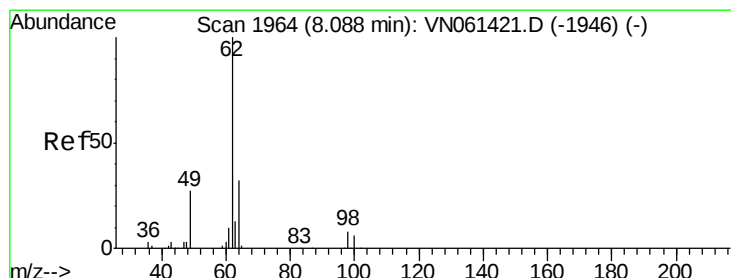
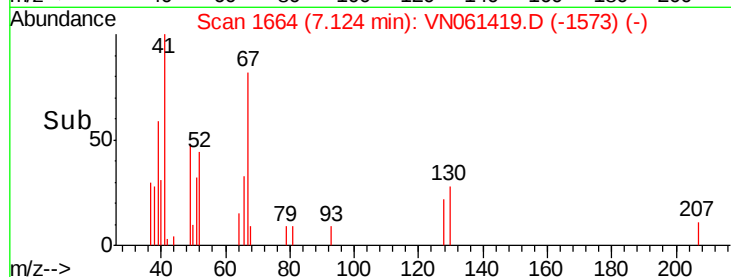
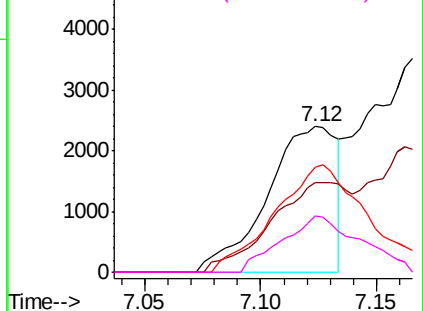
#41
Methacrylonitrile
Concen: 3.879 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 4988
Ion Ratio Lower Upper
41 100
39 69.7 42.2 63.4#
67 97.1 64.7 97.1
52 43.7 27.4 41.2#

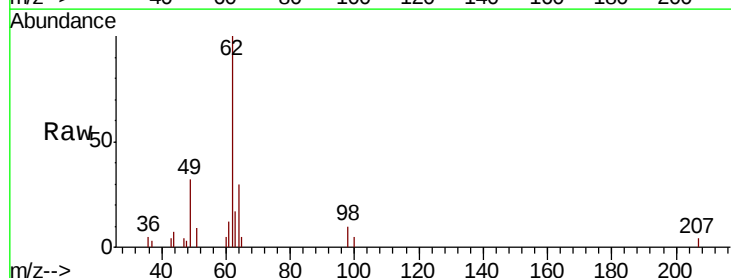


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

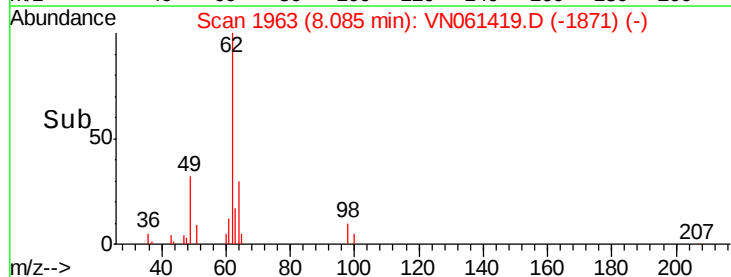
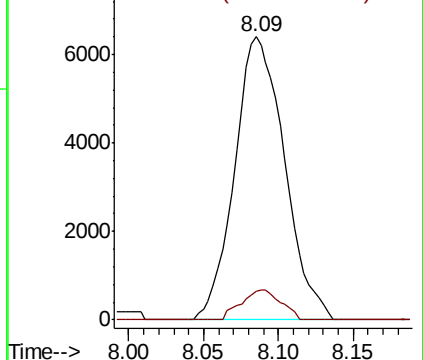


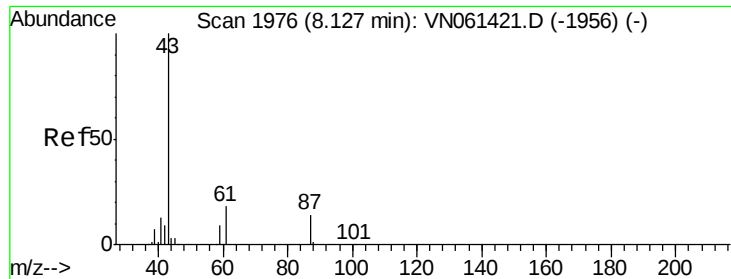
#42
1,2-Dichloroethane
Concen: 4.959 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

Tgt Ion: 62 Resp: 14837
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.0



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





#43

Isopropyl Acetate

Concen: 4.604 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

Instrument :

MSVOA_N

ClientSampleId :

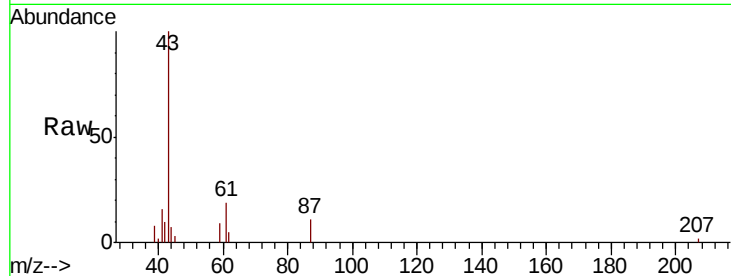
Tot Ion: 43 Resp: 23231

Ion Ratio Lower Upper

43 100

61 24.8 21.3 31.9

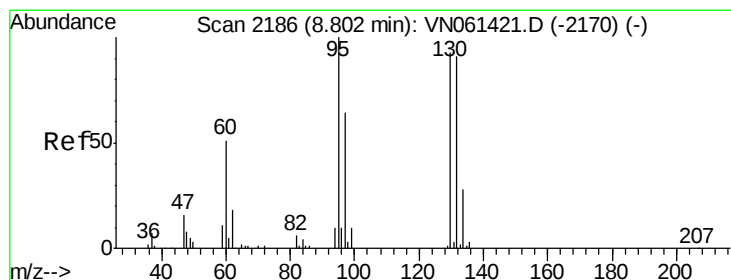
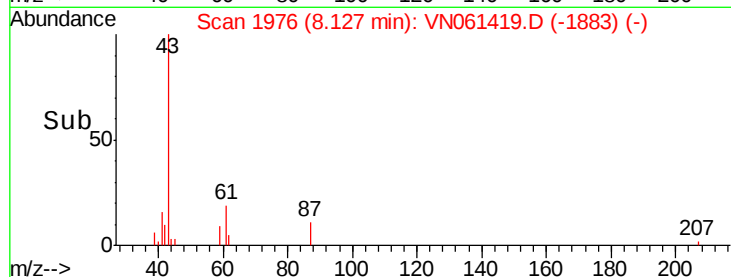
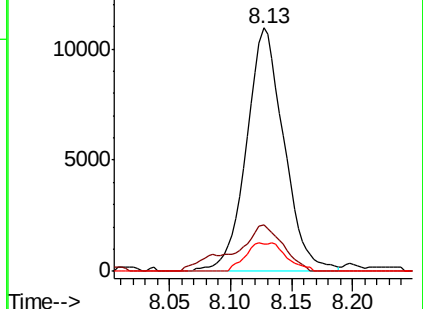
87 12.6 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN061419.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061419.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061419.D (-1956) (-)



#44

Trichloroethene

Concen: 4.917 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061419.D

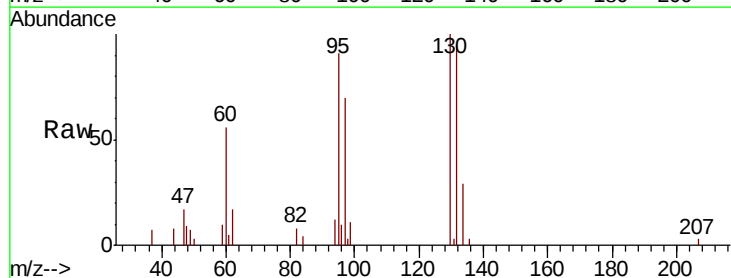
Acq: 15 May 2020 20:59

Tgt Ion:130 Resp: 10537

Ion Ratio Lower Upper

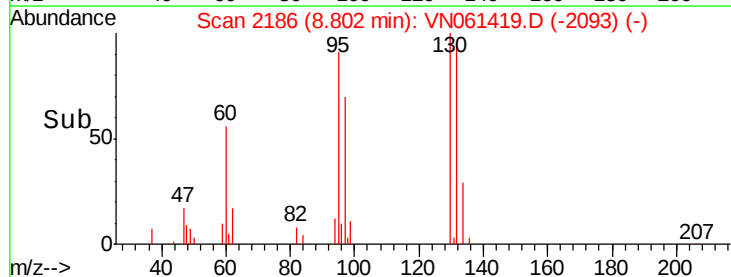
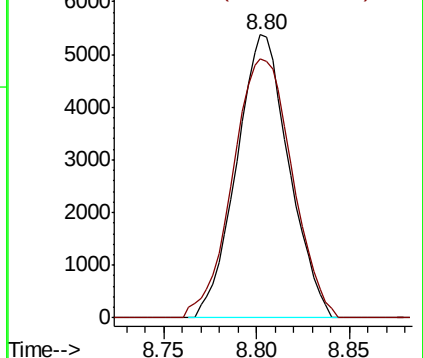
130 100

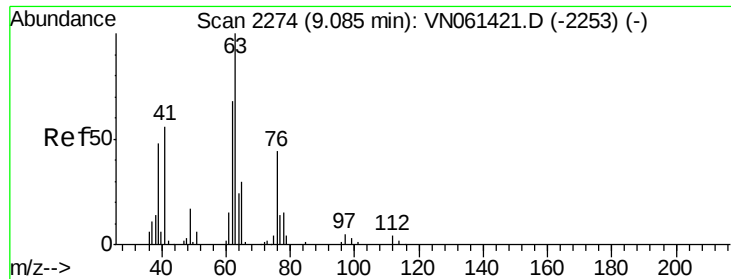
95 91.4 0.0 214.8



Abundance Ion 129.80 (129.50 to 130.50): VN061419.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN061419.D (-2093) (-)

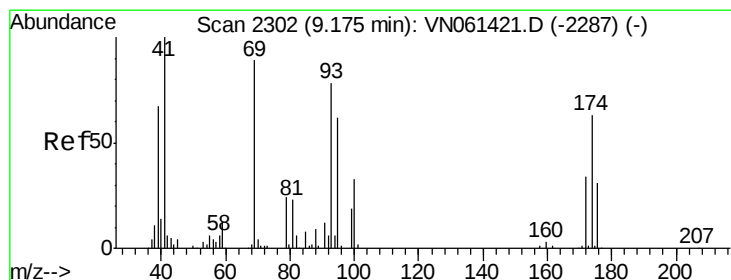
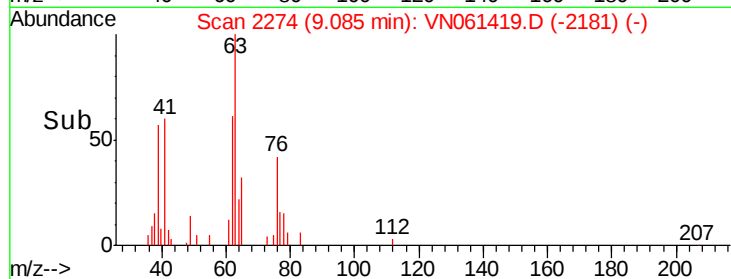
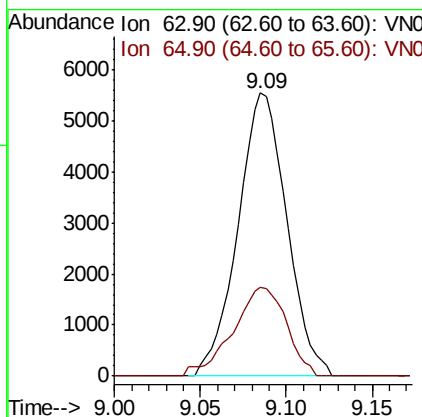
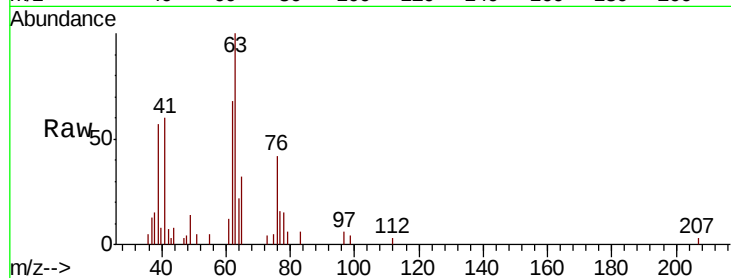




#45
 1,2-Dichloropropane
 Concen: 5.185 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061419.D
 Acq: 15 May 2020 20:59

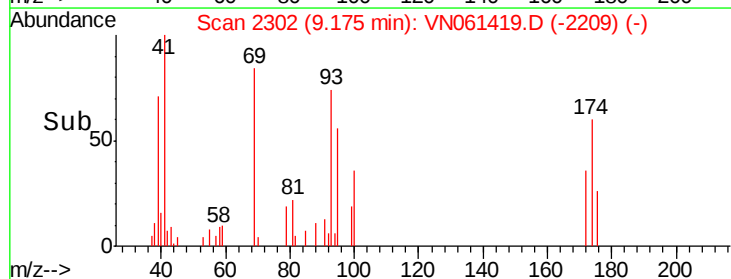
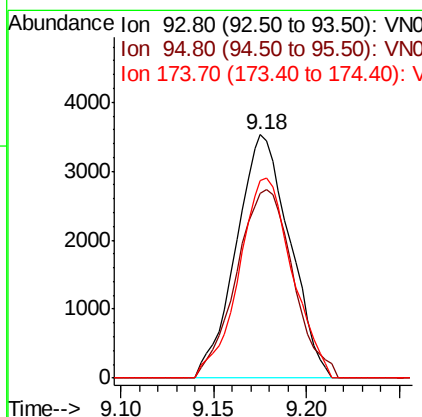
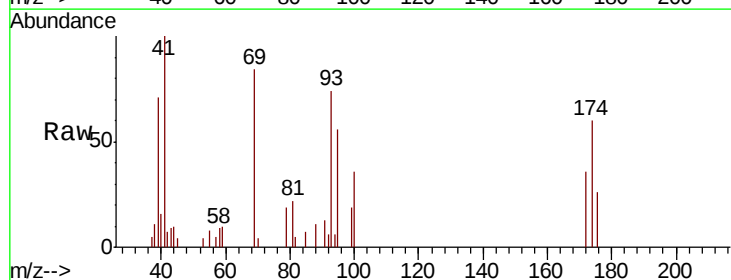
Instrument :
 MSVOA_N
 ClientSampleId :

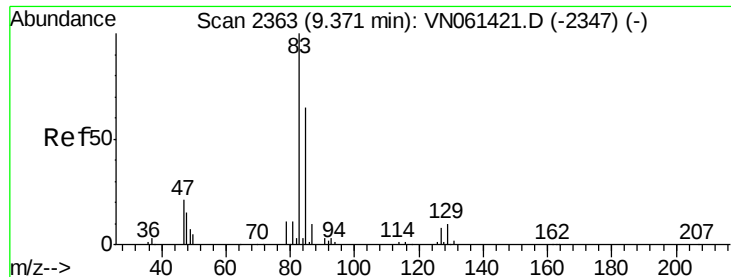
Tot Ion: 63 Resp: 10960
 Ion Ratio Lower Upper
 63 100
 65 31.6 23.9 35.9



#46
 Dibromomethane
 Concen: 5.364 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061419.D
 Acq: 15 May 2020 20:59

Tgt Ion: 93 Resp: 7087
 Ion Ratio Lower Upper
 93 100
 95 81.8 65.3 97.9
 174 81.8 66.2 99.2





#47

Bromodichloromethane

Concen: 5.172 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

Instrument :

MSVOA_N

ClientSampled :

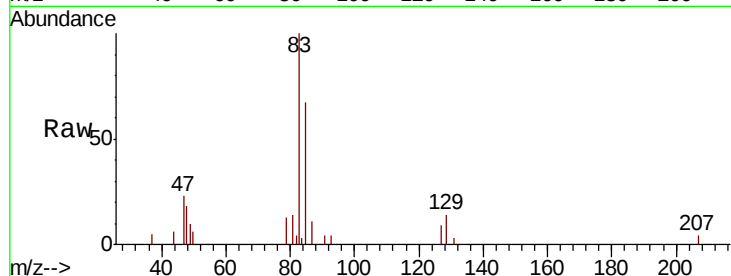
Tot Ion: 83 Resp: 14654

Ion Ratio Lower Upper

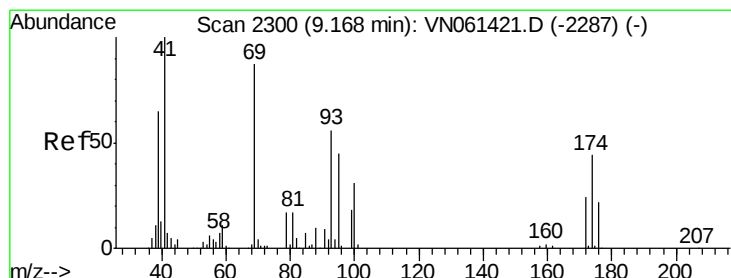
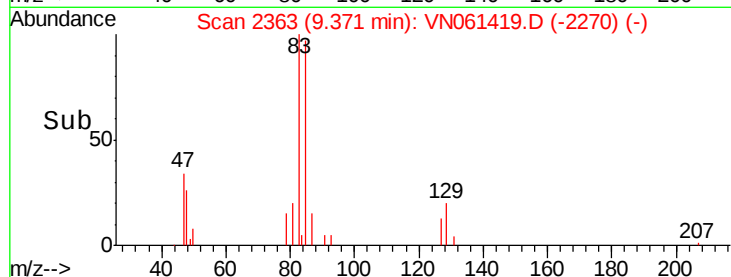
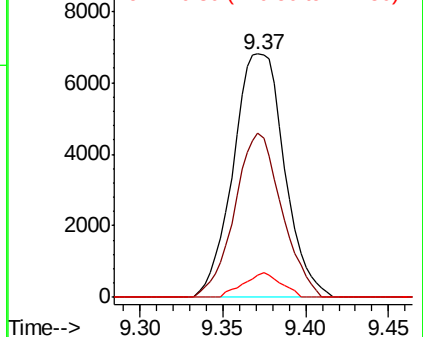
83 100

85 67.3 52.1 78.1

127 9.0 6.3 9.5



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: 4.726 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

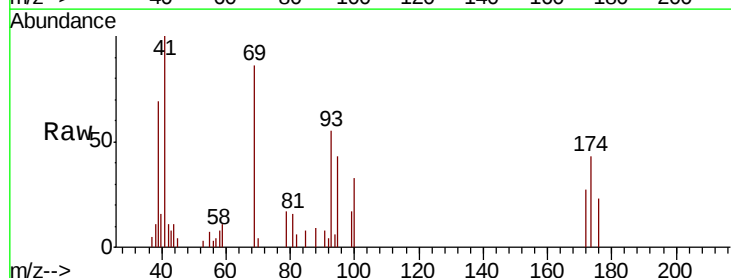
Tgt Ion: 41 Resp: 10731

Ion Ratio Lower Upper

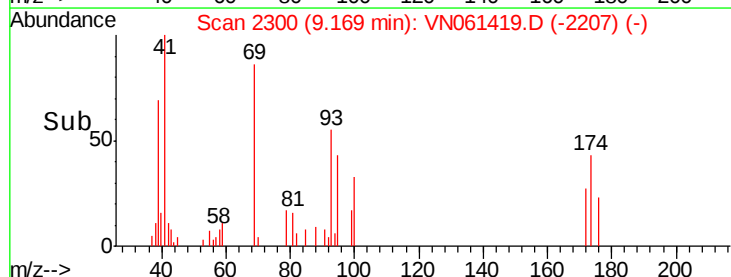
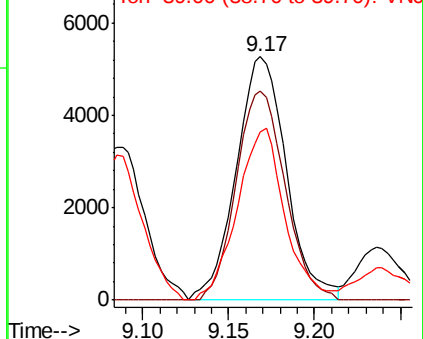
41 100

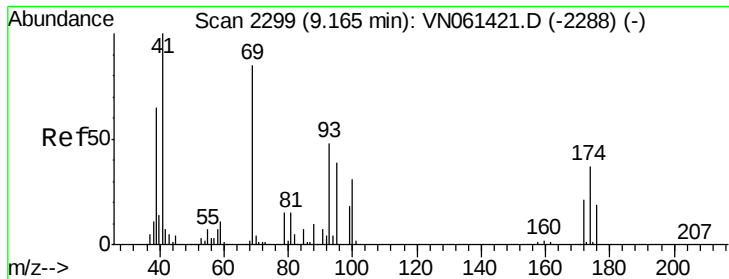
69 83.7 71.1 106.7

39 66.3 54.8 82.2



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

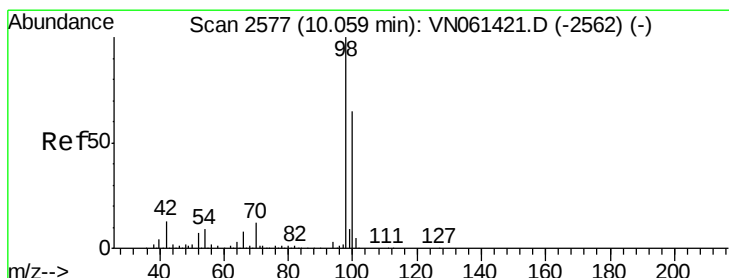
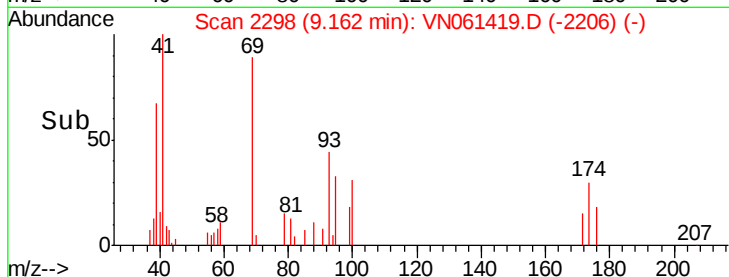
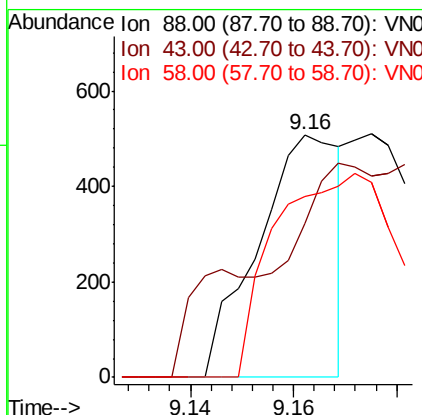
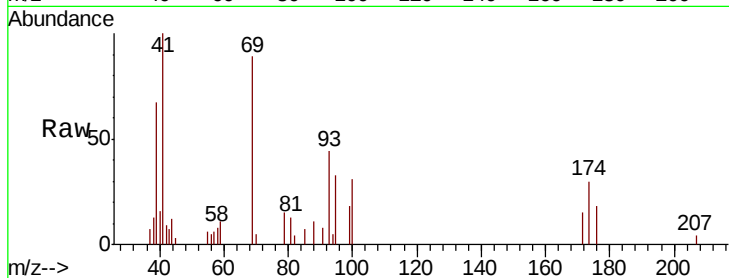




#49
 1,4-Dioxane
 Concen: 22.949 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN061419.D
 Acq: 15 May 2020 20:59

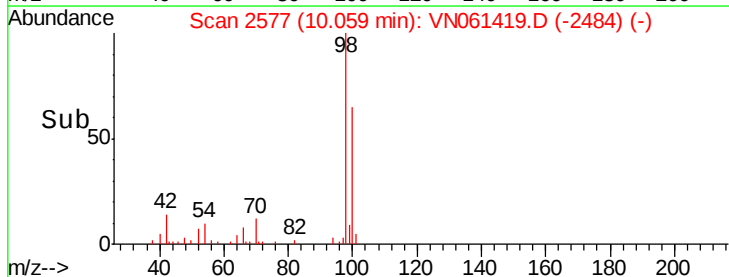
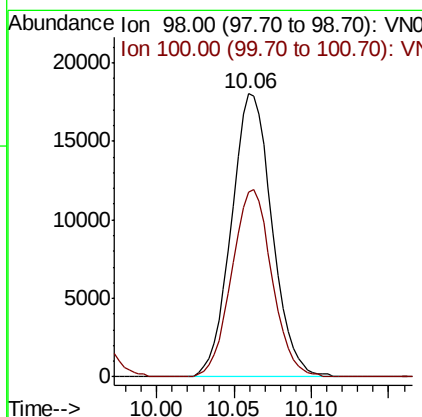
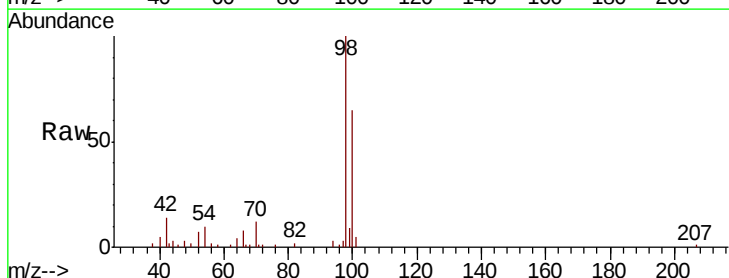
Instrument :
 MSVOA_N
 ClientSampleId :

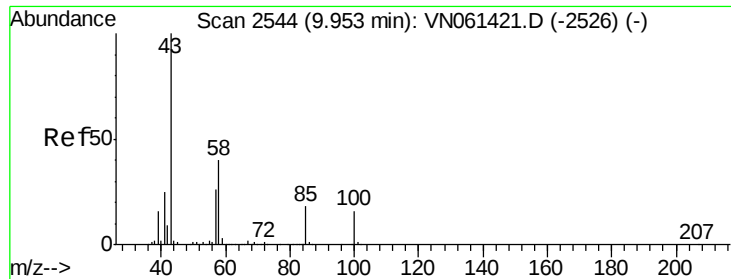
Tot Ion: 88 Resp: 559
 Ion Ratio Lower Upper
 88 100
 43 148.3 38.9 58.3#
 58 130.8 55.5 83.3#



#50
 Toluene-d8
 Concen: 5.051 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN061419.D
 Acq: 15 May 2020 20:59

Tgt Ion: 98 Resp: 32945
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 20.558 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

Instrument :

MSVOA_N

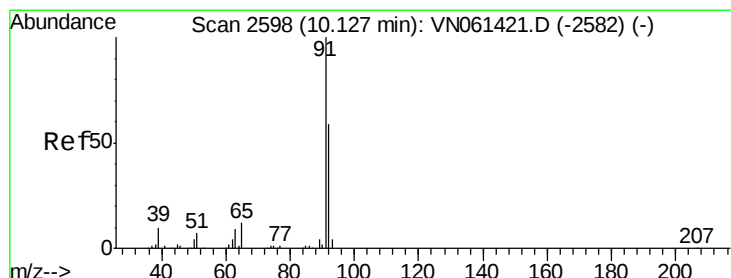
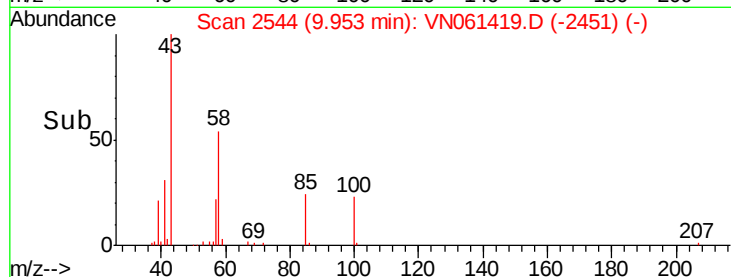
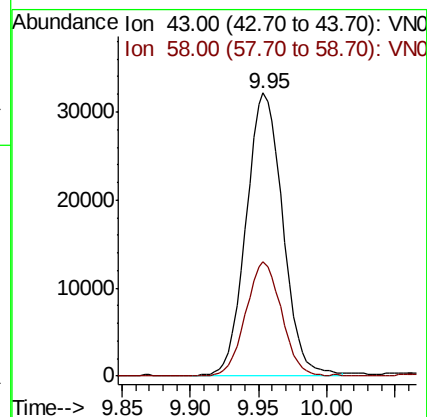
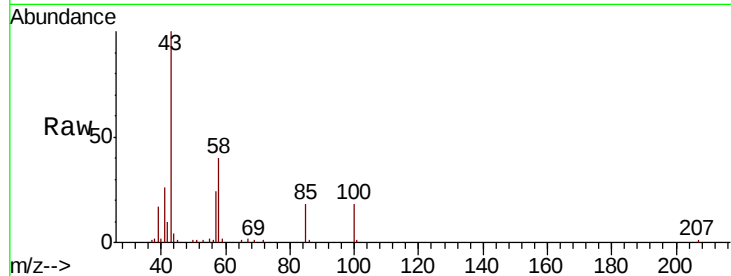
ClientSampleId :

Tot Ion: 43 Resp: 60171

Ion Ratio Lower Upper

43 100

58 39.2 32.2 48.4



#52

Toluene

Concen: 5.307 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN061419.D

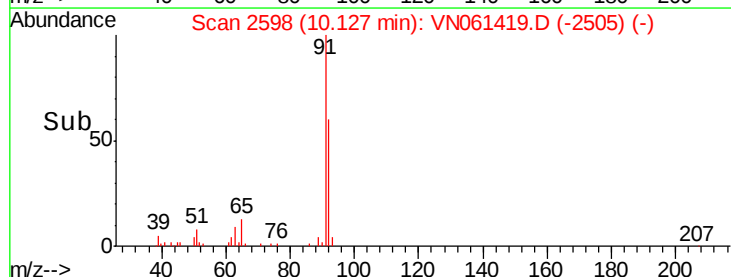
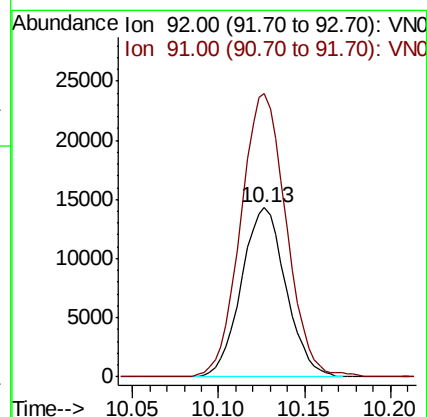
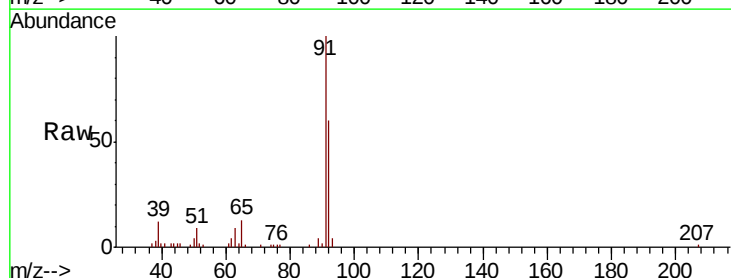
Acq: 15 May 2020 20:59

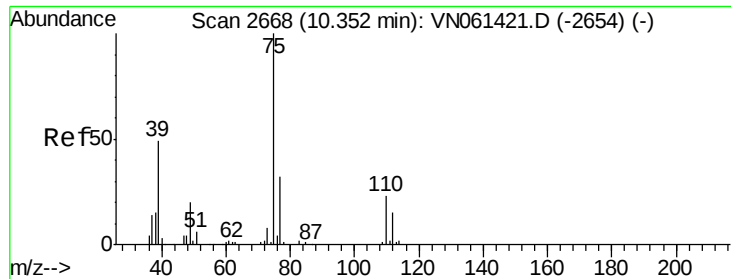
Tgt Ion: 92 Resp: 25686

Ion Ratio Lower Upper

92 100

91 171.1 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 4.973 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

Instrument :

MSVOA_N

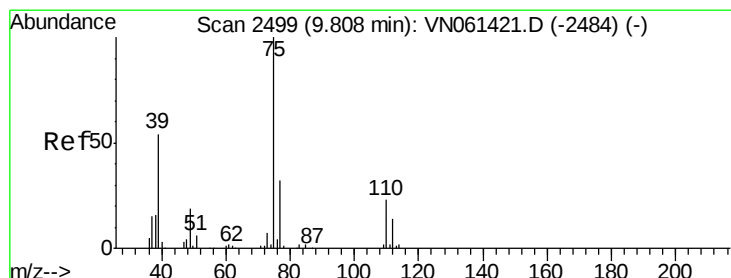
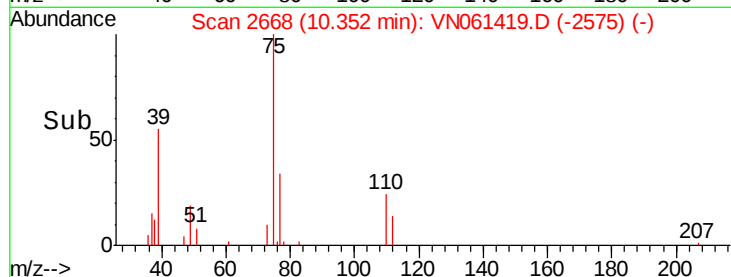
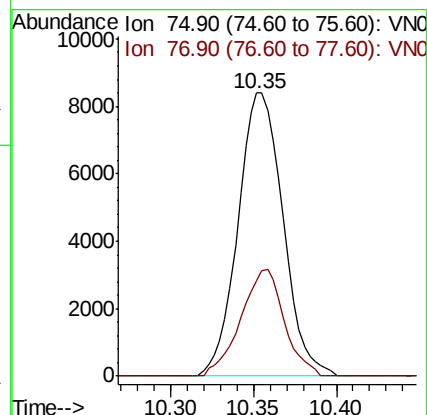
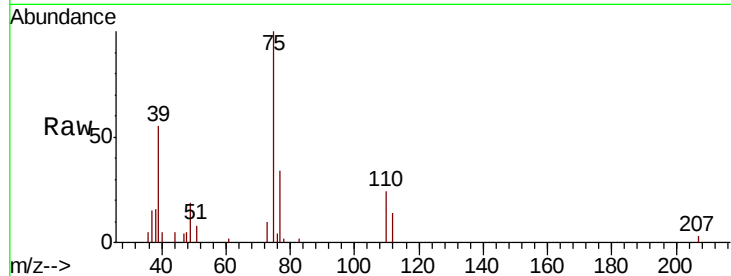
ClientSampled :

Tot Ion: 75 Resp: 15877

Ion Ratio Lower Upper

75 100

77 33.9 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 5.035 ug/l

RT: 9.81 min Scan# 2500

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

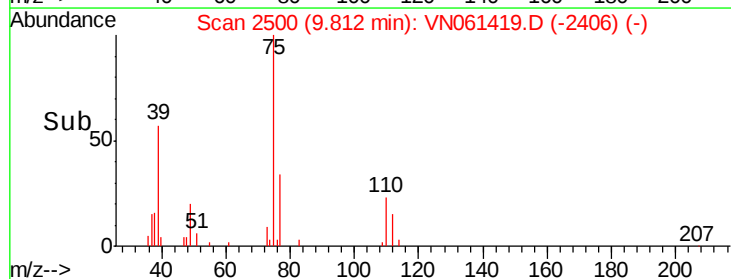
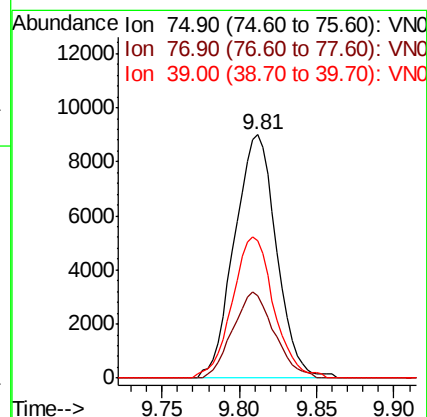
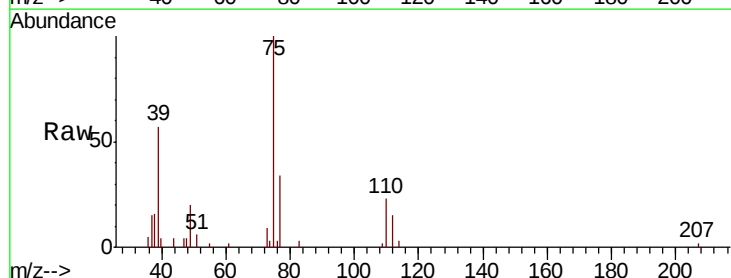
Tgt Ion: 75 Resp: 16979

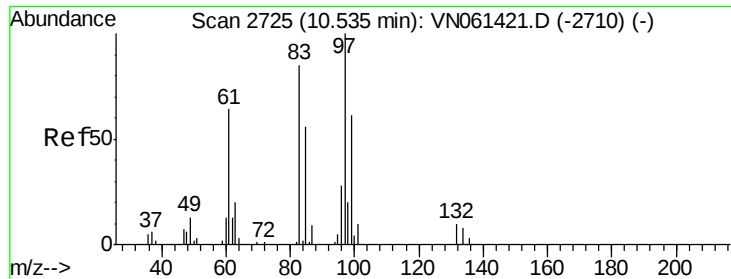
Ion Ratio Lower Upper

75 100

77 33.6 26.0 39.0

39 56.5 43.0 64.6

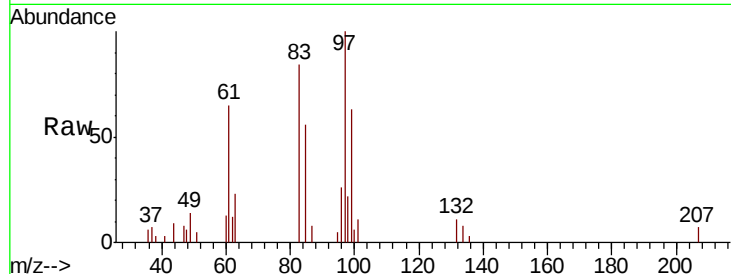




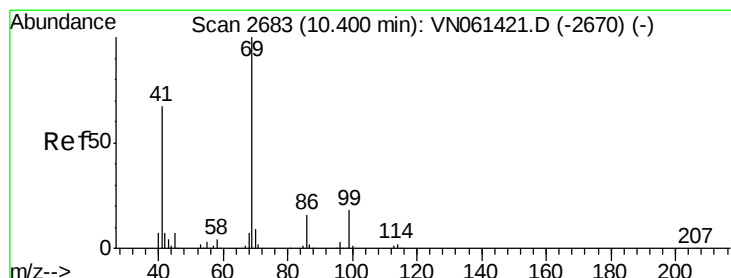
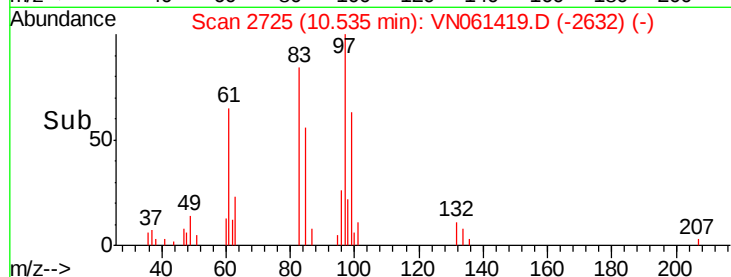
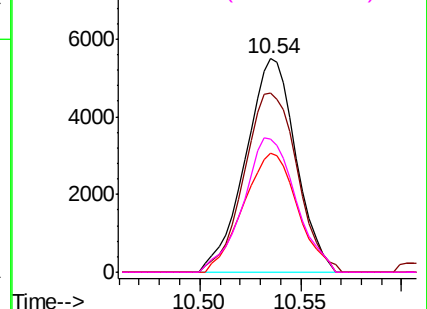
#55
 1,1,2-Trichloroethane
 Concen: 5.003 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN061419.D
 Acq: 15 May 2020 20:59

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 9595
 Ion Ratio Lower Upper
 97 100
 83 84.1 67.7 101.5
 85 55.9 44.6 66.8
 99 62.6 48.7 73.1

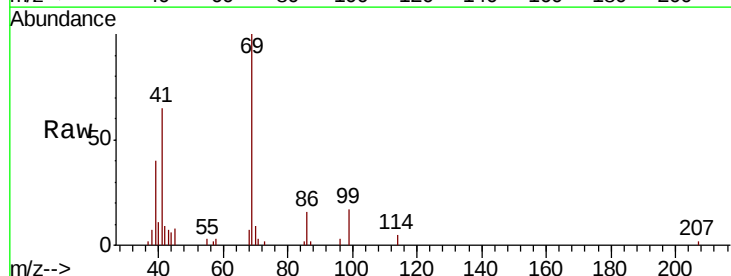


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

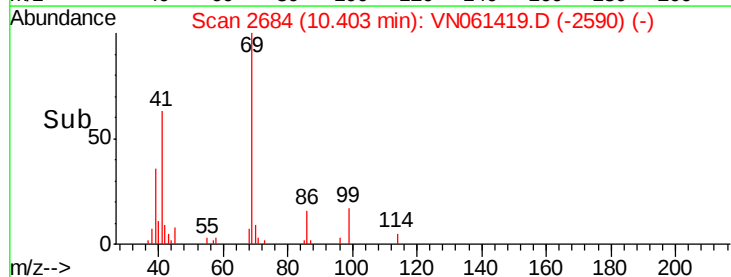
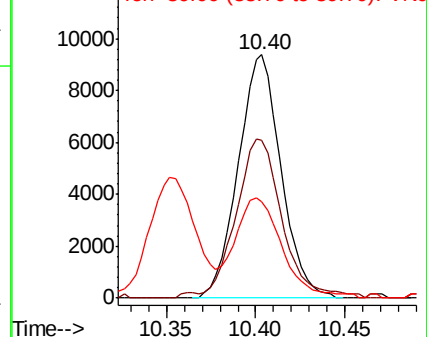


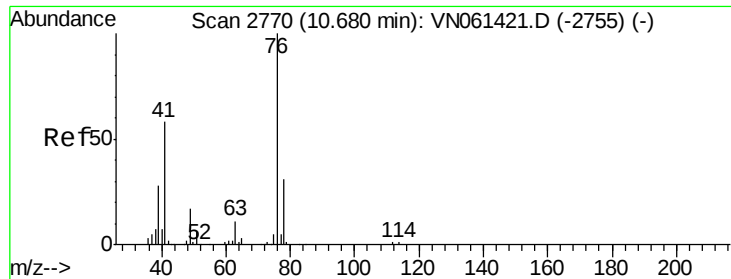
#56
 Ethyl methacrylate
 Concen: 5.404 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN061419.D
 Acq: 15 May 2020 20:59

Tgt Ion: 69 Resp: 15630
 Ion Ratio Lower Upper
 69 100
 41 71.2 51.6 77.4
 39 45.9 32.9 49.3



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

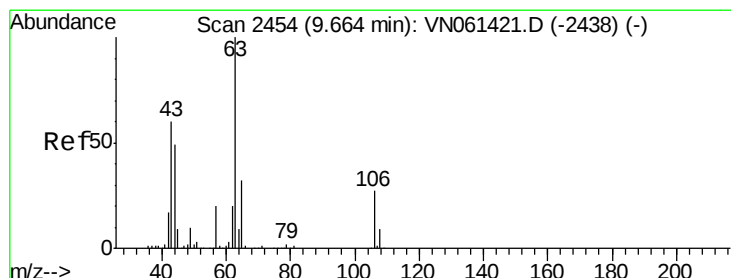
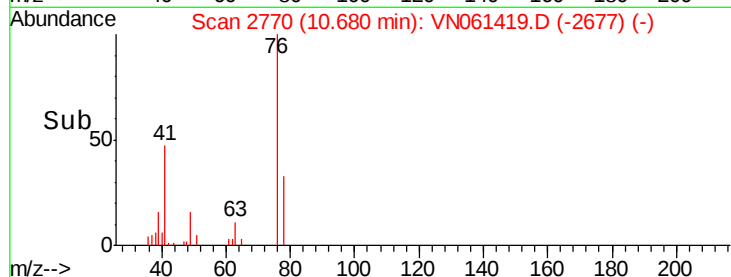
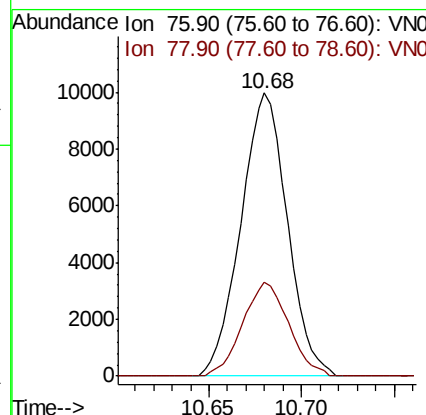
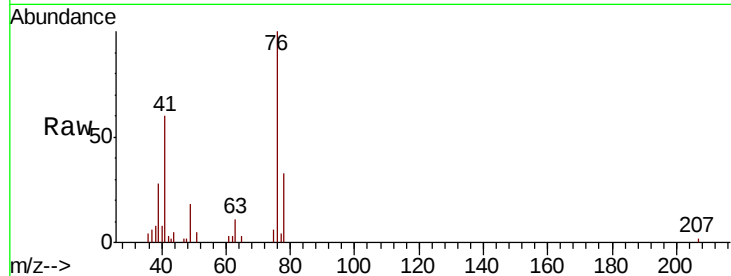




#57
 1,3-Dichloropropane
 Concen: 5.192 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061419.D
 Acq: 15 May 2020 20:59

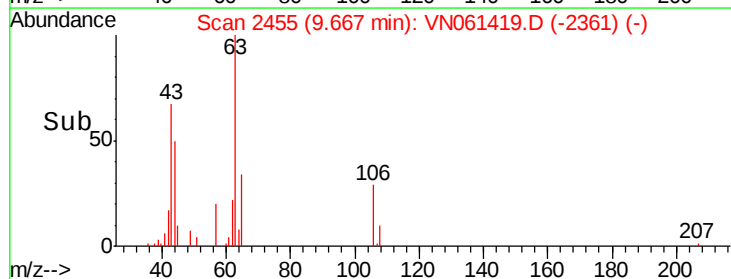
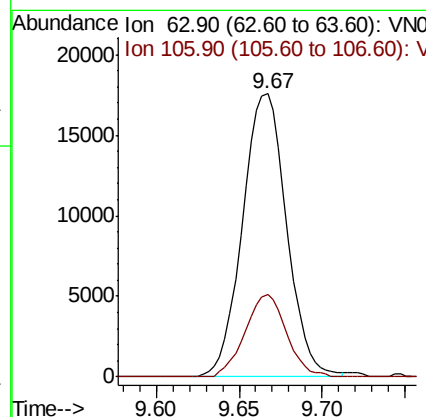
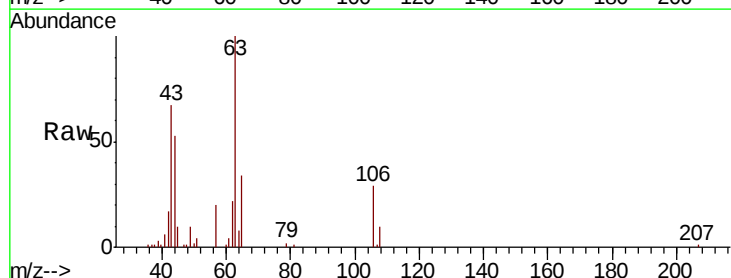
Instrument :
 MSVOA_N
 ClientSampled :

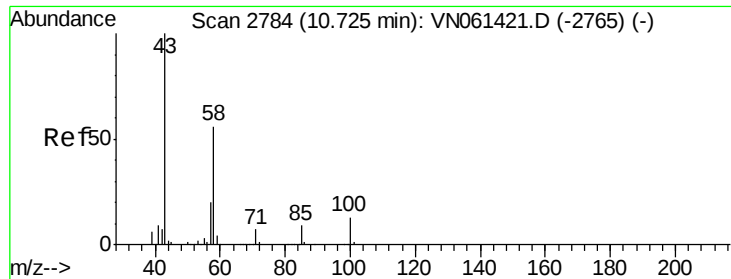
Tot Ion: 76 Resp: 17404
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 21.426 ug/l
 RT: 9.67 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: VN061419.D
 Acq: 15 May 2020 20:59

Tgt Ion: 63 Resp: 32476
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.7 32.5

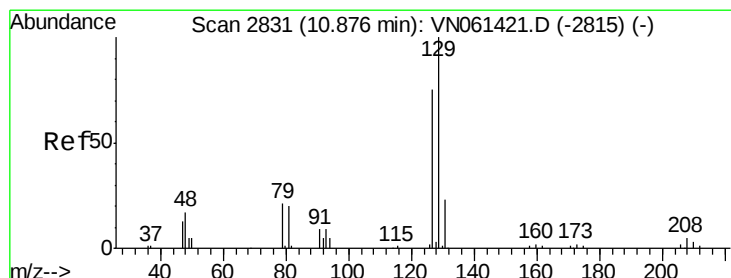
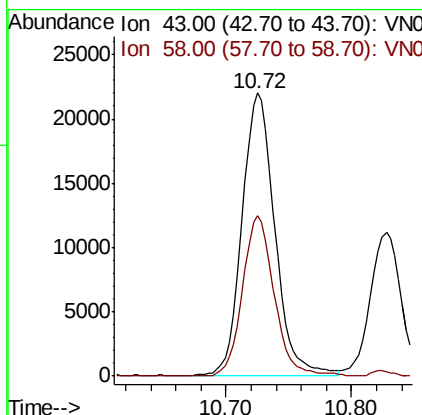
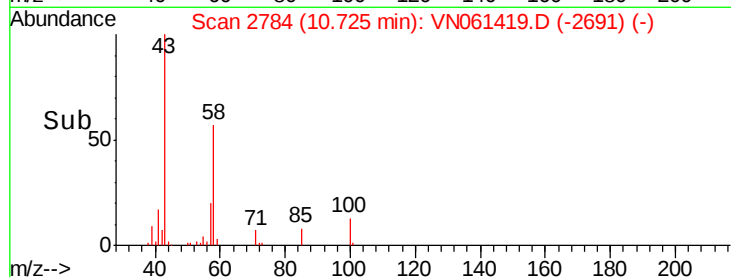
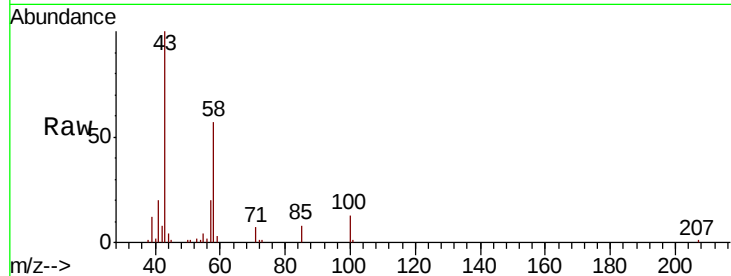




#59
2-Hexanone
Concen: 19.112 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

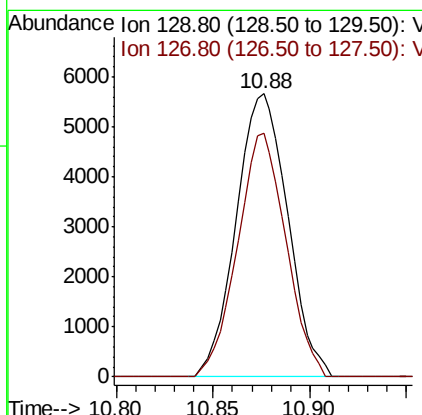
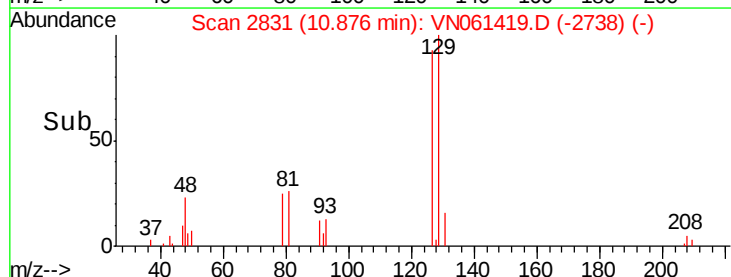
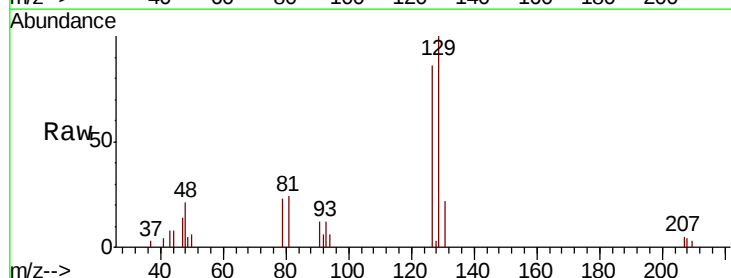
Instrument :
MSVOA_N
ClientSampleId :

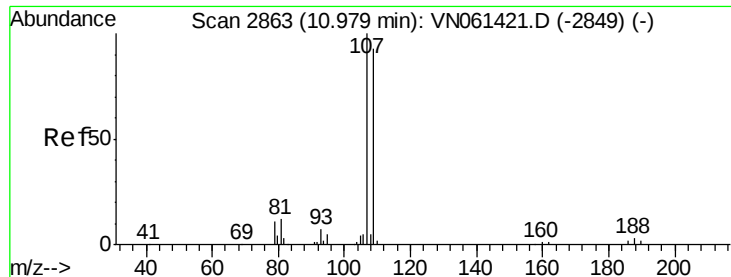
Tot Ion: 43 Resp: 40324
Ion Ratio Lower Upper
43 100
58 54.3 27.9 83.7



#60
Dibromochloromethane
Concen: 5.178 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

Tgt Ion: 129 Resp: 10466
Ion Ratio Lower Upper
129 100
127 81.0 38.5 115.3

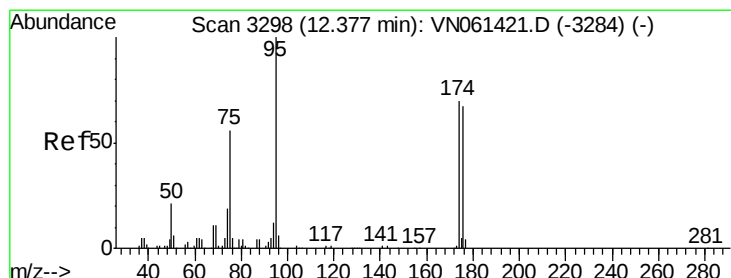
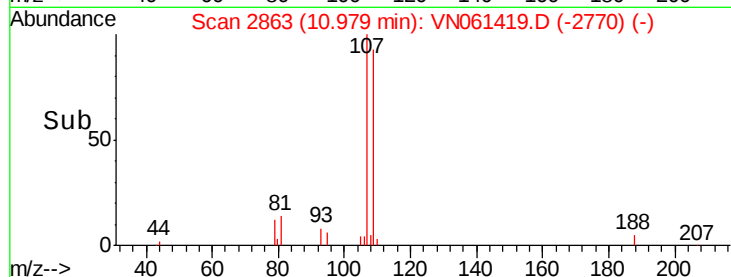
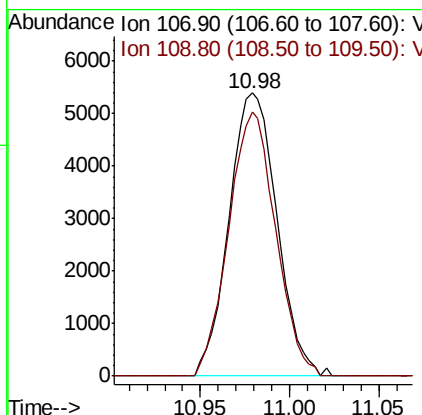
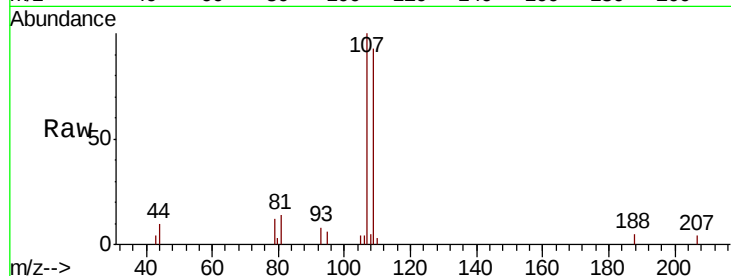




#61
 1,2-Dibromoethane
 Concen: 5.242 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN061419.D
 Acq: 15 May 2020 20:59

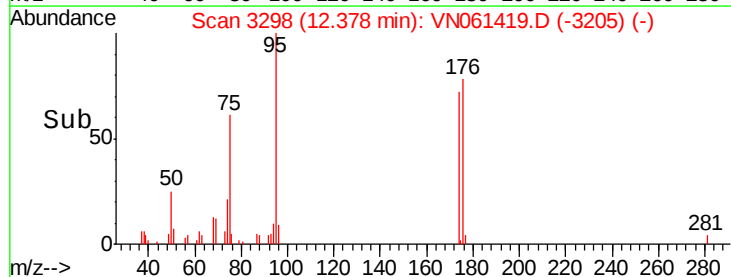
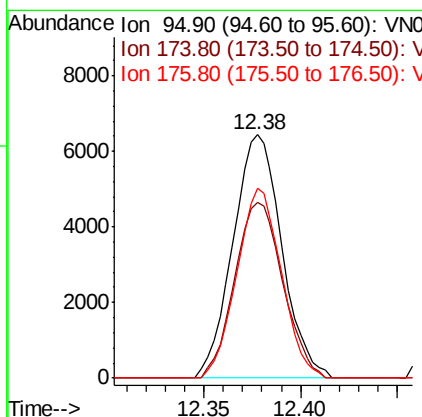
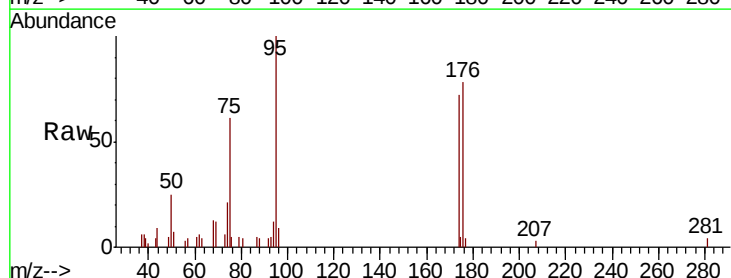
Instrument :
 MSVOA_N
 ClientSampleId :

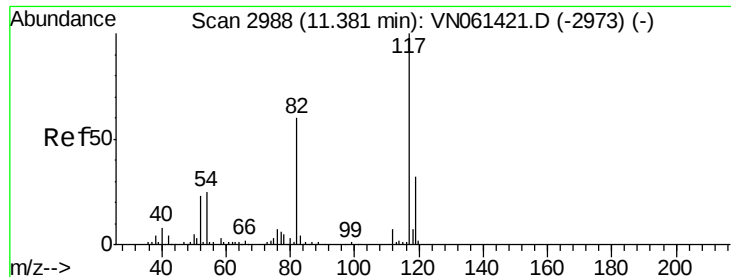
Tot Ion: 107 Resp: 10087
 Ion Ratio Lower Upper
 107 100
 109 91.3 74.5 111.7



#62
 4-Bromofluorobenzene
 Concen: 4.603 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061419.D
 Acq: 15 May 2020 20:59

Tgt Ion: 95 Resp: 11302
 Ion Ratio Lower Upper
 95 100
 174 71.2 0.0 140.4
 176 70.9 0.0 134.0

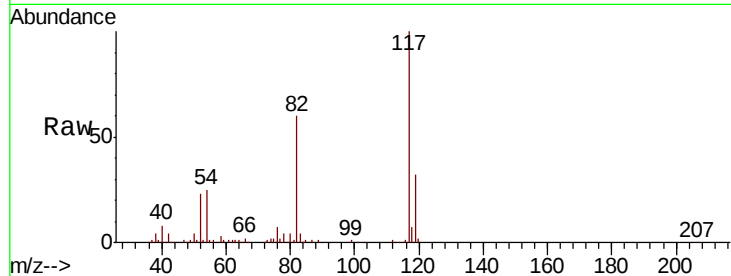




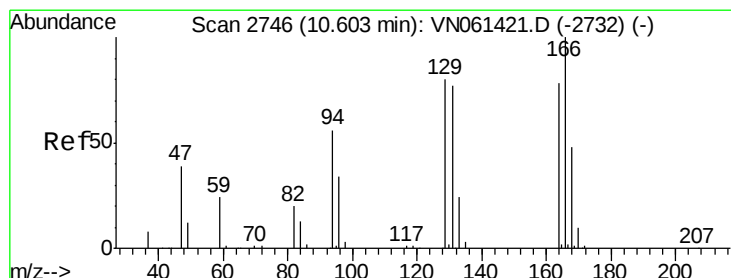
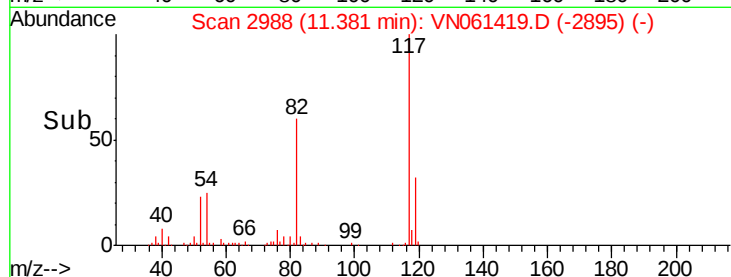
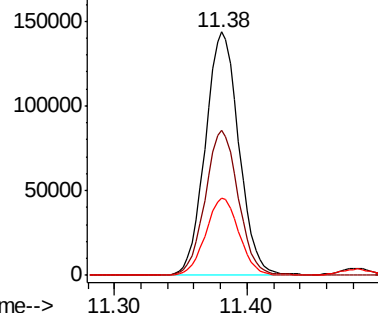
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 251931
Ion Ratio Lower Upper
117 100
82 59.8 47.7 71.5
119 31.9 25.3 37.9

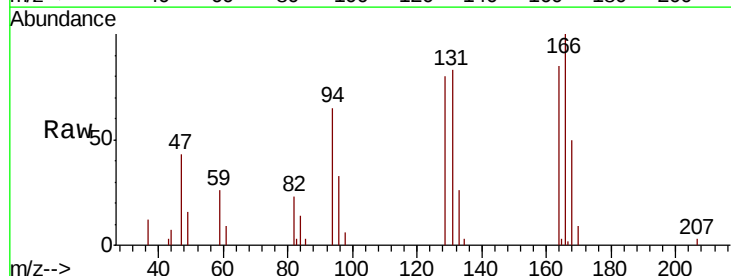


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

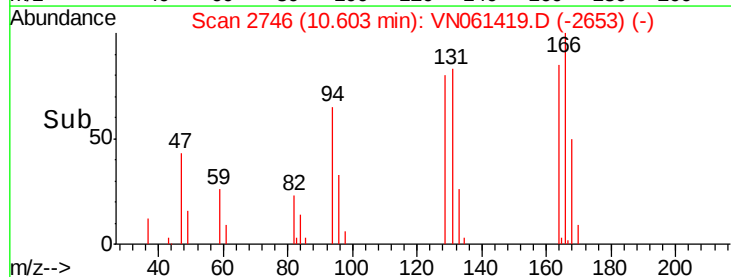
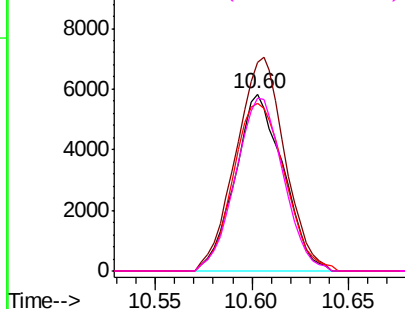


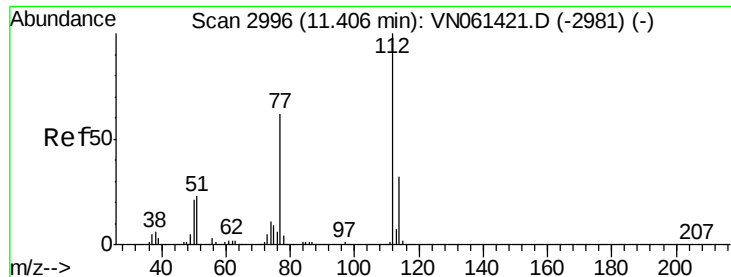
#64
Tetrachloroethene
Concen: 4.717 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

Tgt Ion:164 Resp: 10104
Ion Ratio Lower Upper
164 100
166 118.0 102.6 154.0
129 94.4 81.9 122.9
131 97.6 79.4 119.0



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: 5.345 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

Instrument :

MSVOA_N

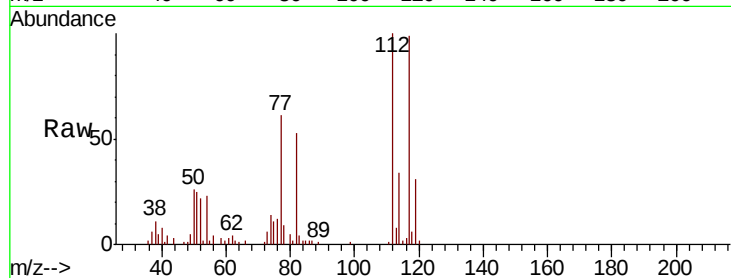
ClientSampled :

Tot Ion:112 Resp: 26755

Ion Ratio Lower Upper

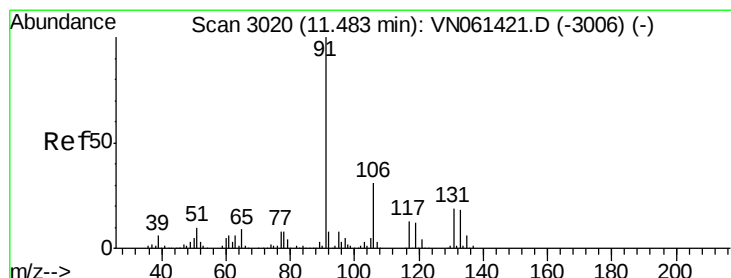
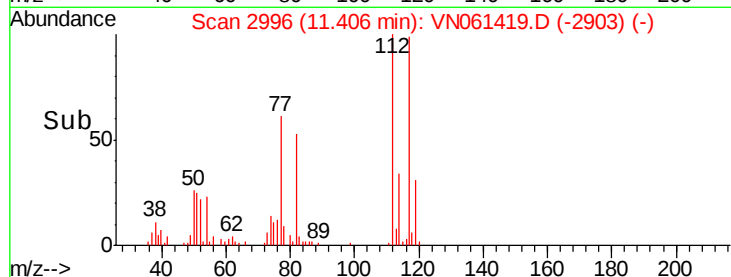
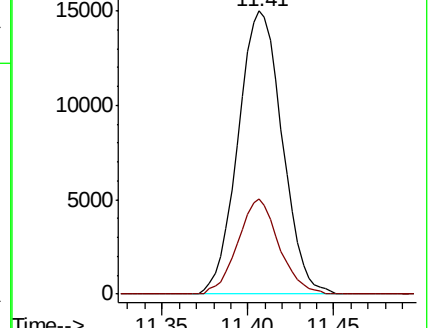
112 100

114 33.8 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 5.092 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

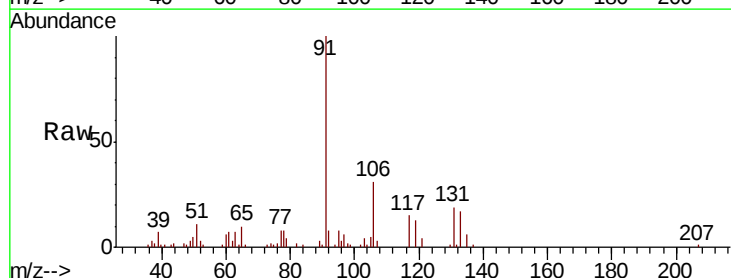
Tgt Ion:131 Resp: 9147

Ion Ratio Lower Upper

131 100

133 95.0 47.5 142.5

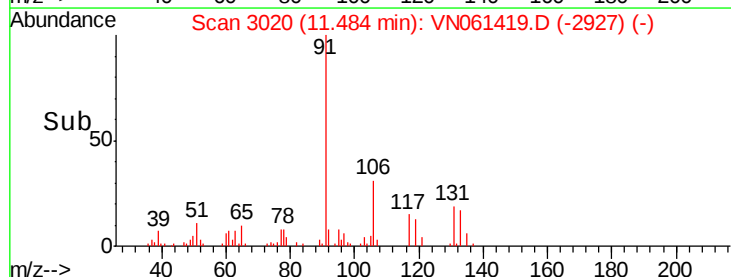
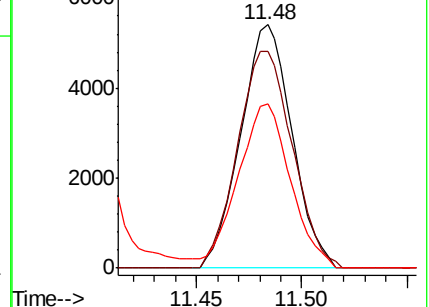
119 68.7 33.0 98.9

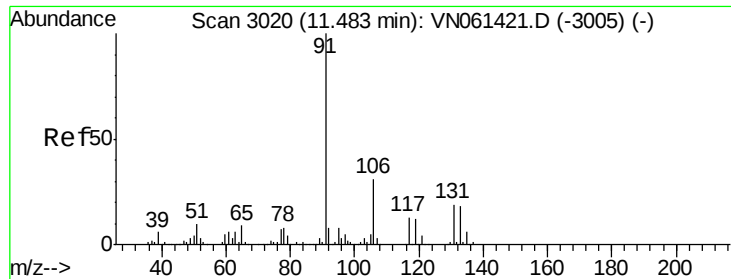


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

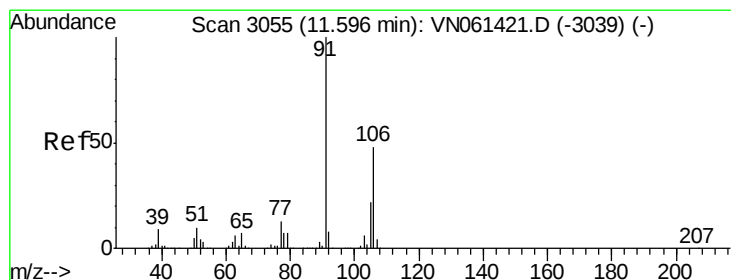
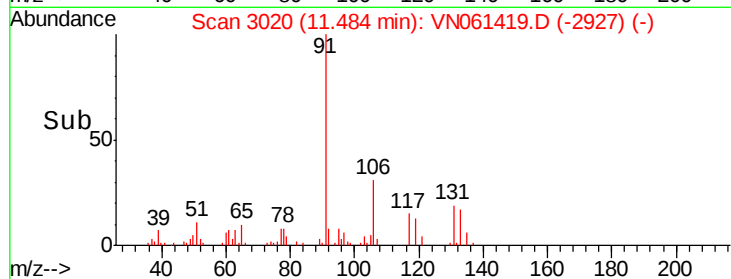
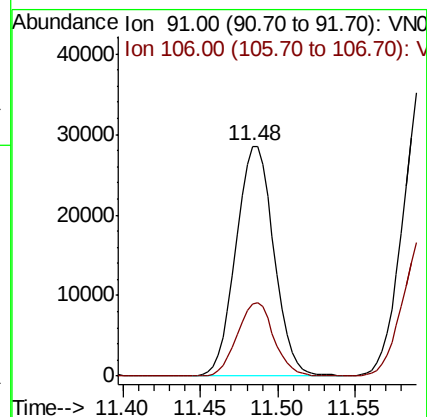
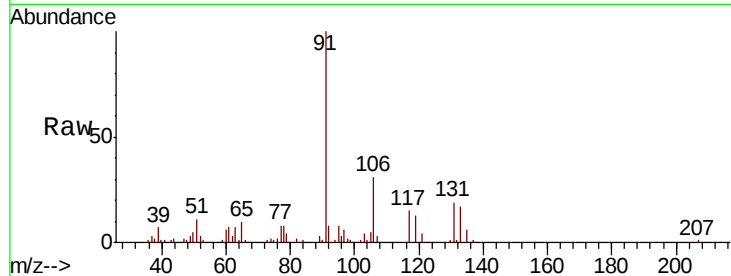




#67
Ethyl Benzene
Concen: 5.205 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

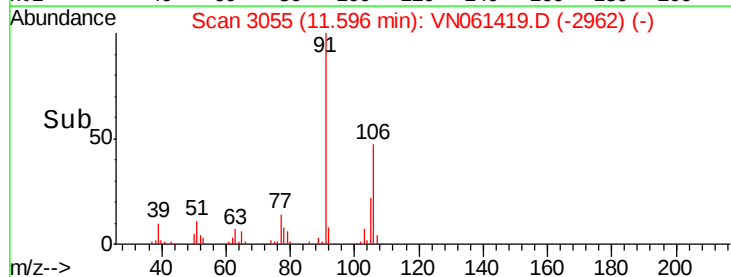
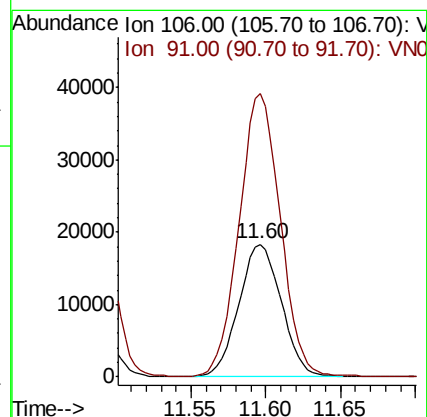
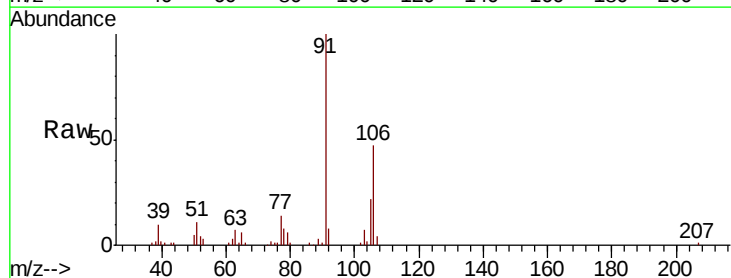
Instrument :
MSVOA_N
ClientSampled :

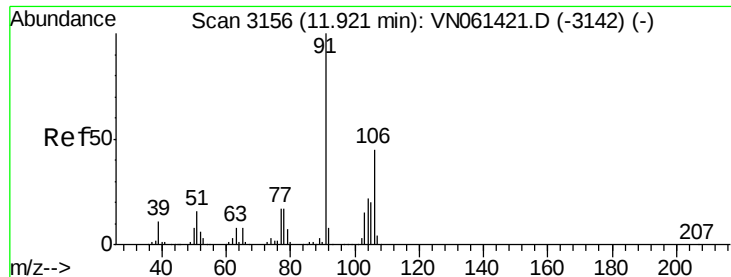
Tot Ion: 91 Resp: 48798
Ion Ratio Lower Upper
91 100
106 31.1 24.8 37.2



#68
m/p-Xylenes
Concen: 10.516 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

Tgt Ion: 106 Resp: 36193
Ion Ratio Lower Upper
106 100
91 207.9 167.4 251.2

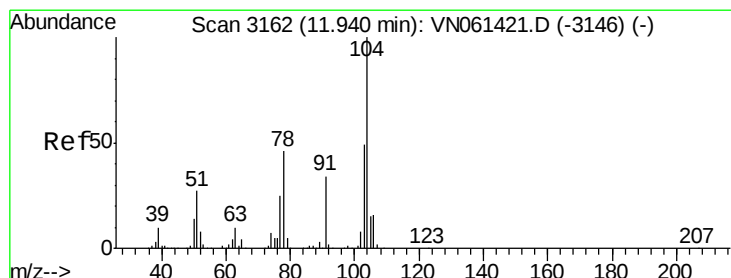
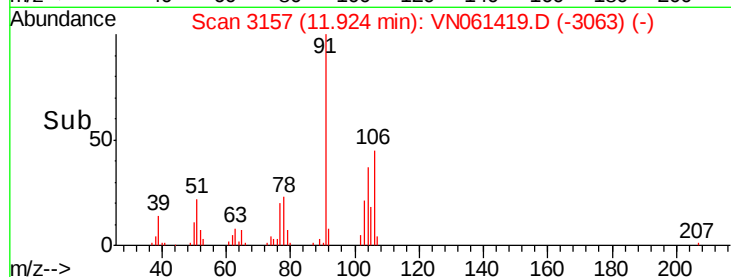
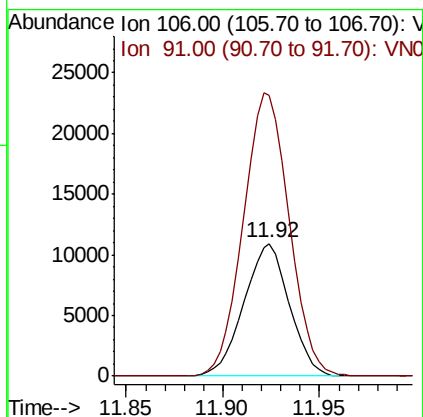
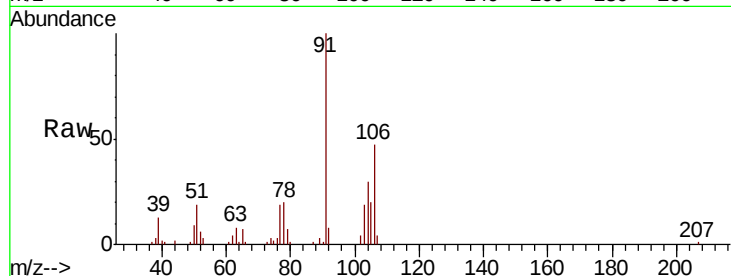




#69
o-Xylene
Concen: 5.393 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

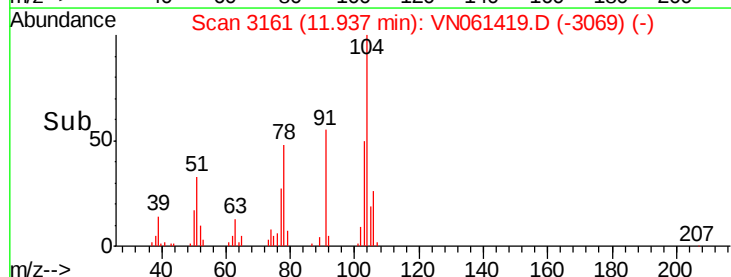
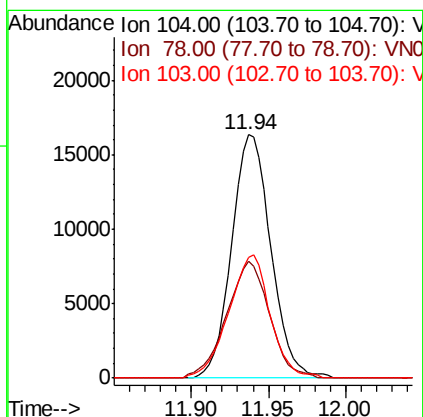
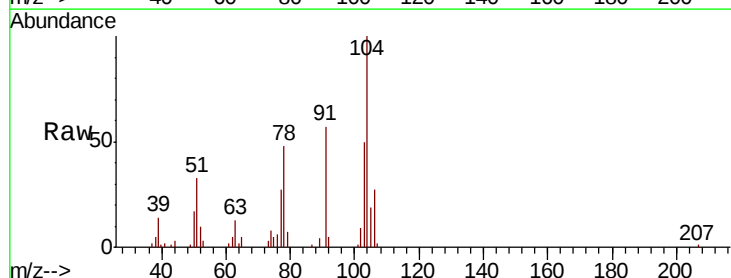
Instrument :
MSVOA_N
ClientSampled :

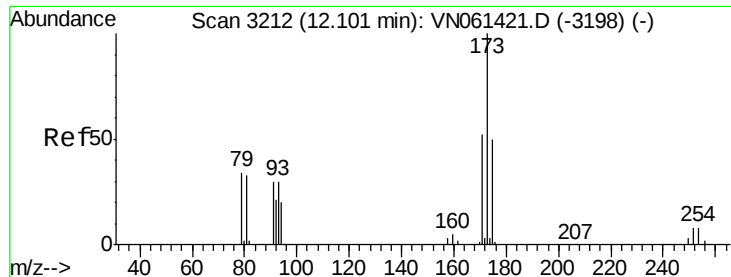
Tot Ion:106 Resp: 17831
Ion Ratio Lower Upper
106 100
91 215.8 109.7 329.2



#70
Styrene
Concen: 5.182 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

Tgt Ion:104 Resp: 28784
Ion Ratio Lower Upper
104 100
78 52.6 41.8 62.8
103 53.3 42.9 64.3





#71

Bromoform

Concen: 4.599 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

Instrument :

MSVOA_N

ClientSampleId :

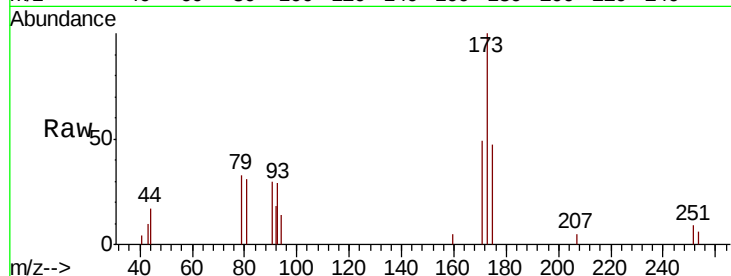
Tot Ion:173 Resp: 5989

Ion Ratio Lower Upper

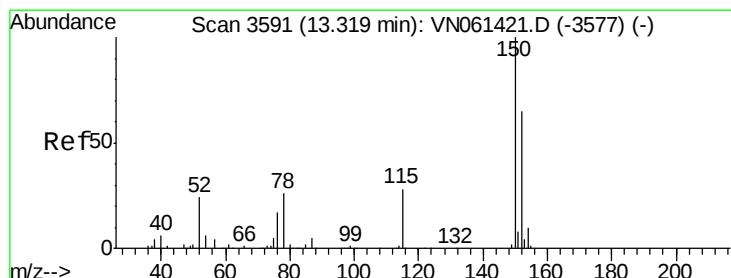
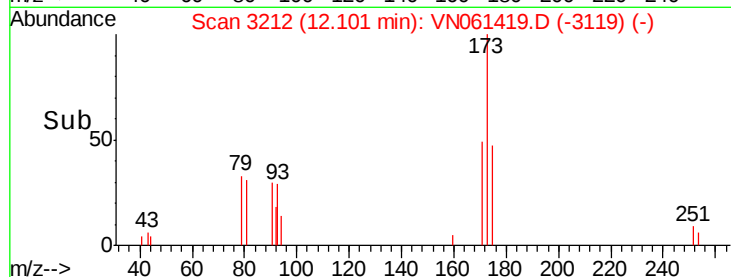
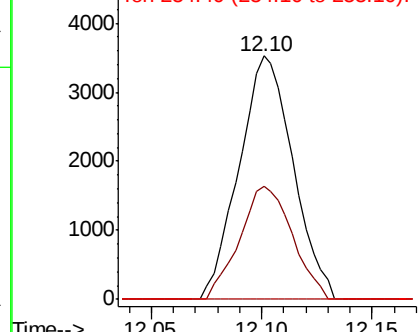
173 100

175 45.2 24.1 72.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

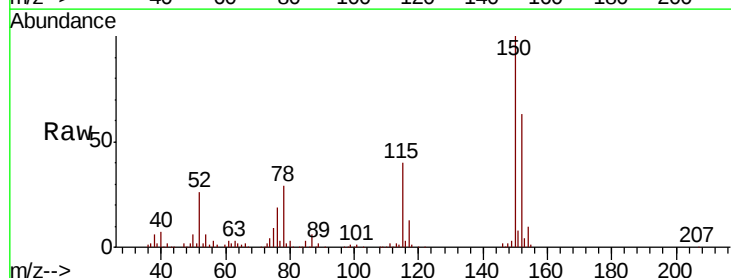
Tgt Ion:152 Resp: 104007

Ion Ratio Lower Upper

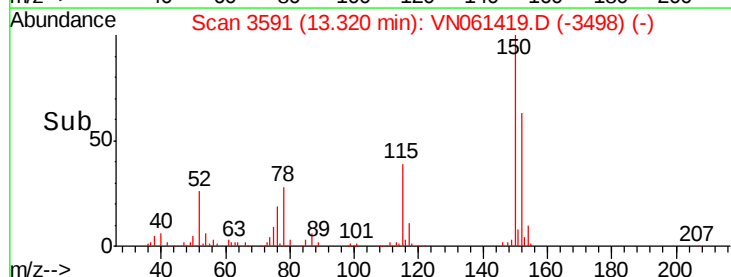
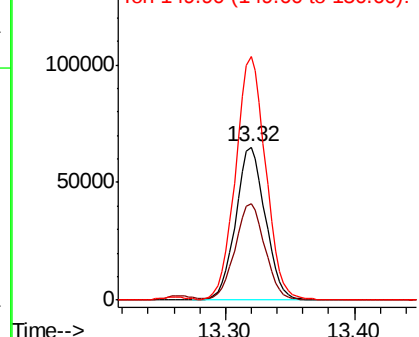
152 100

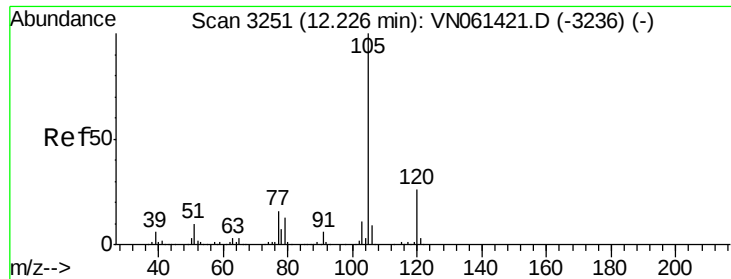
115 63.5 30.9 92.7

150 159.7 0.0 344.4



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





#73

Isopropylbenzene

Concen: 5.925 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

Instrument :

MSVOA_N

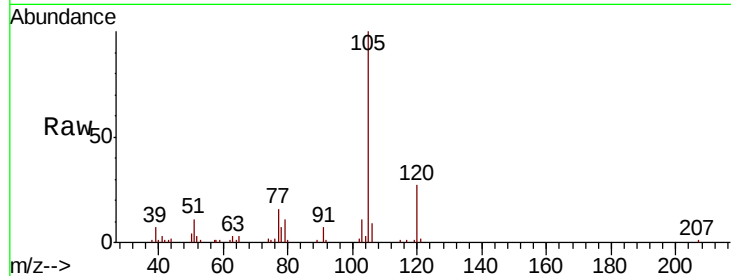
ClientSampleId :

Tot Ion:105 Resp: 45571

Ion Ratio Lower Upper

105 100

120 26.7 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

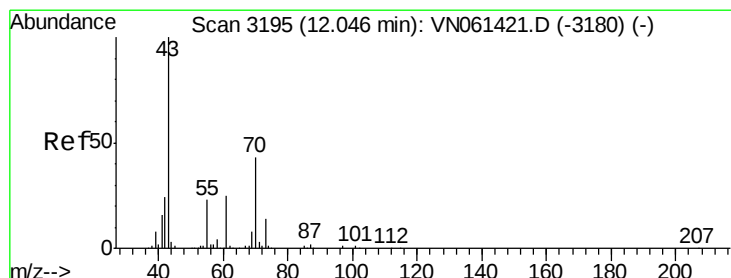
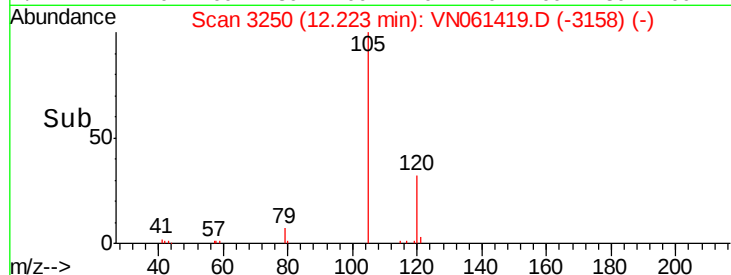
30000

20000

10000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 4.937 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

Tgt Ion: 43 Resp: 18492

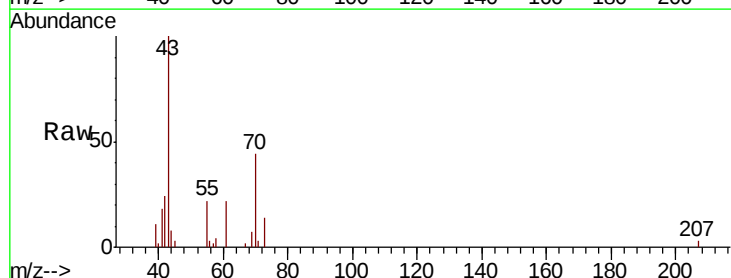
Ion Ratio Lower Upper

43 100

70 41.2 34.8 52.2

55 22.2 19.0 28.6

61 22.7 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.05

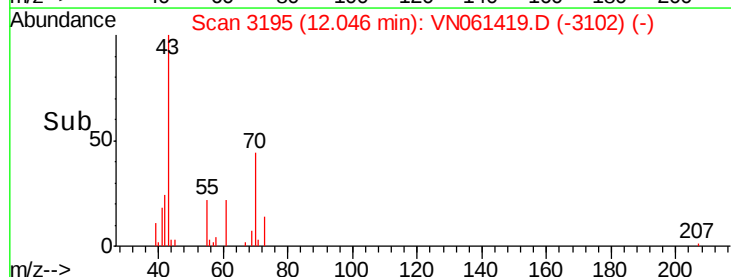
15000

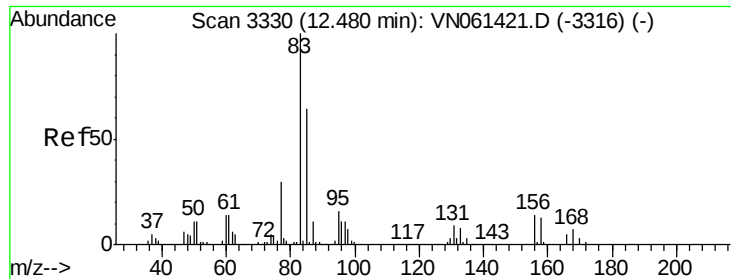
10000

5000

0

Time--> 12.00 12.05 12.10 12.15





#75

1,1,2,2-Tetrachloroethane

Concen: 5.876 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

Instrument :

MSVOA_N

ClientSampled :

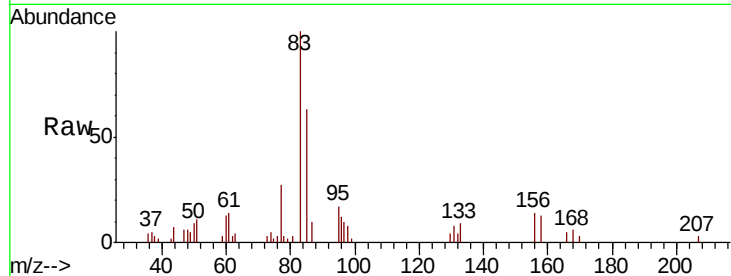
Tot Ion: 83 Resp: 13814

Ion Ratio Lower Upper

83 100

131 8.5 4.8 14.4

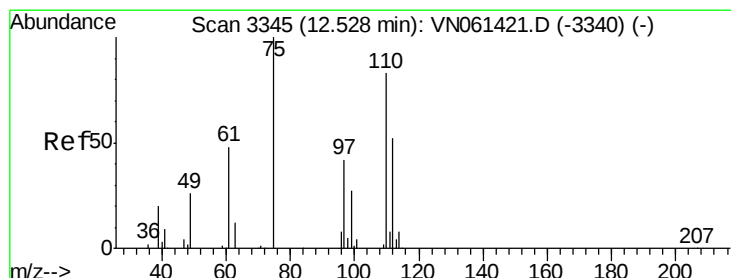
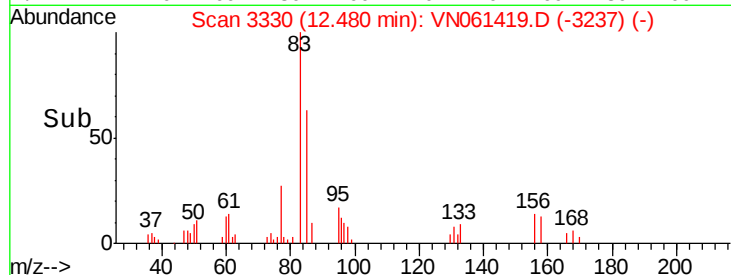
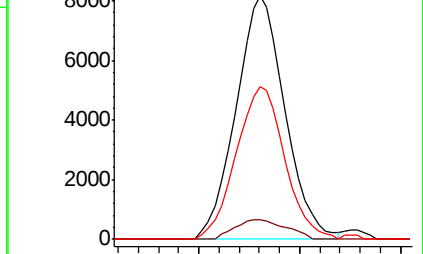
85 62.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN061419.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN061419.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061419.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 8.137 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN061419.D

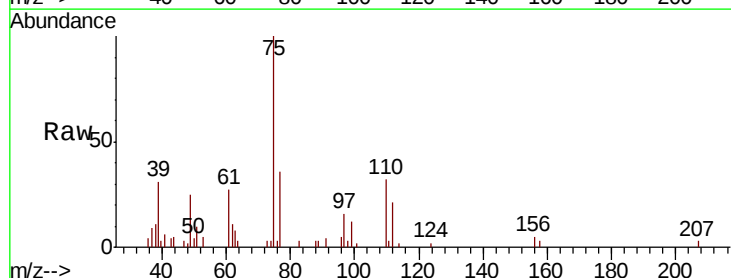
Acq: 15 May 2020 20:59

Tgt Ion: 75 Resp: 17615

Ion Ratio Lower Upper

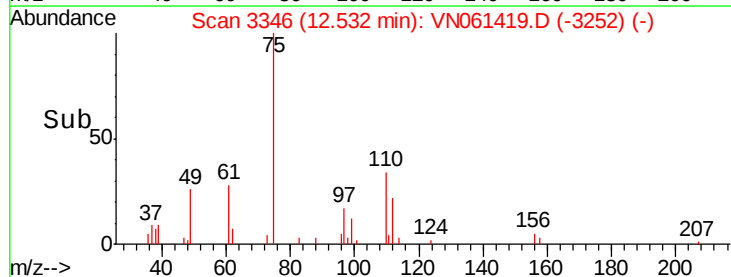
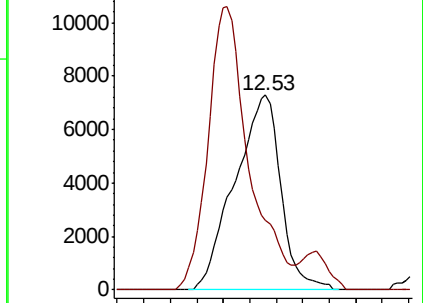
75 100

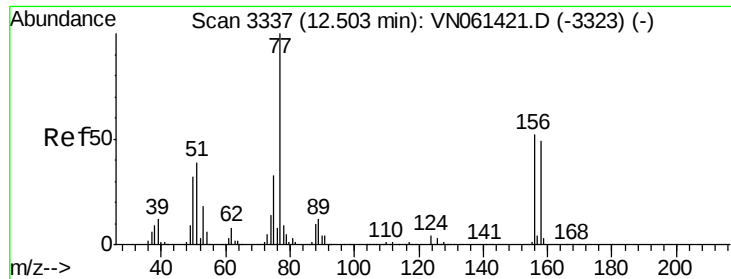
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061419.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061419.D (-3252) (-)

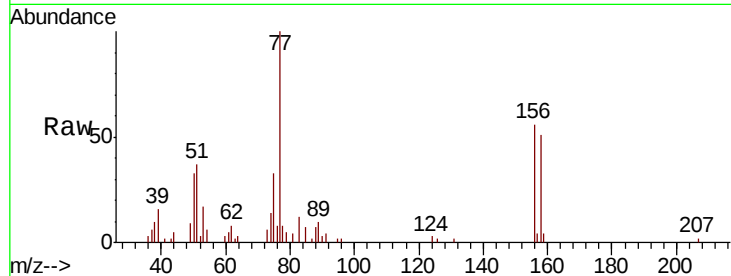




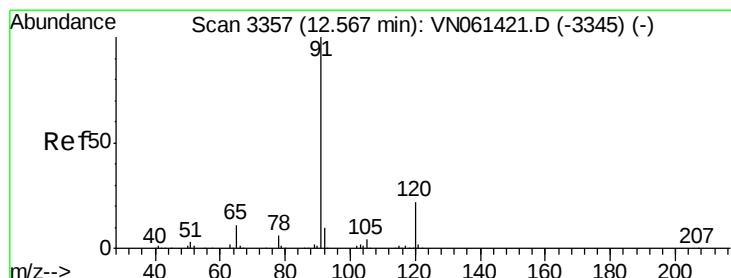
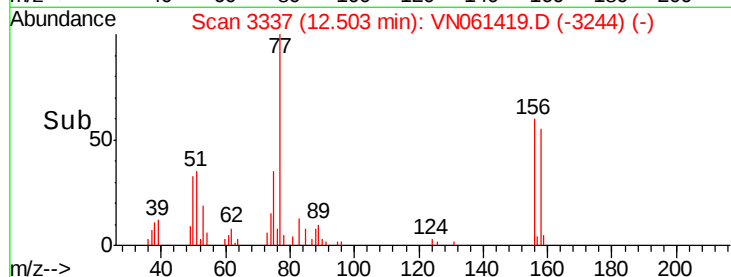
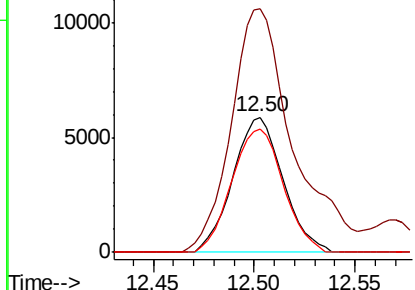
#77
Bromobenzene
Concen: 5.820 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. 0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:156 Resp: 10224
Ion Ratio Lower Upper
156 100
77 221.6 115.8 347.3
158 93.8 47.4 142.3

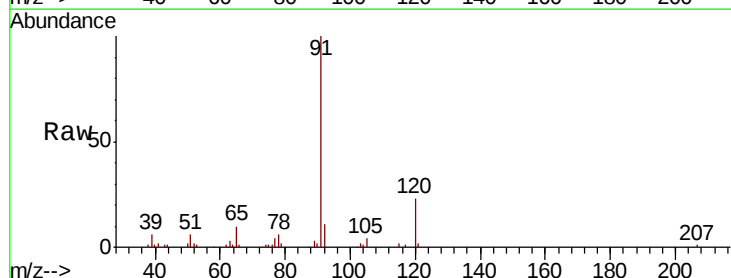


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

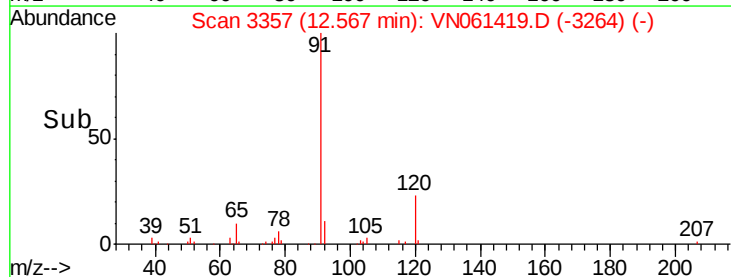
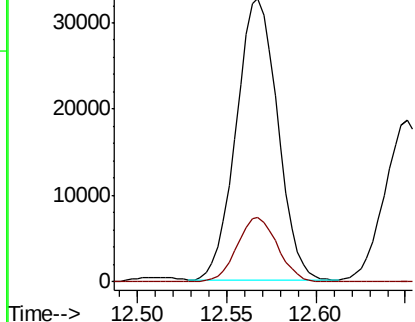


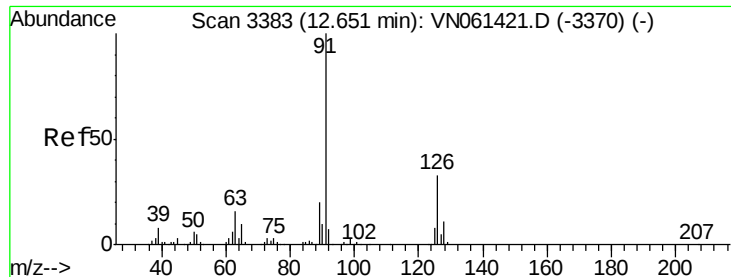
#78
n-propylbenzene
Concen: 5.807 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

Tgt Ion: 91 Resp: 52809
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.749 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

Instrument :

MSVOA_N

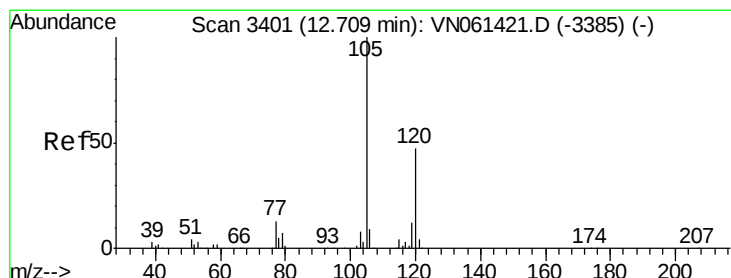
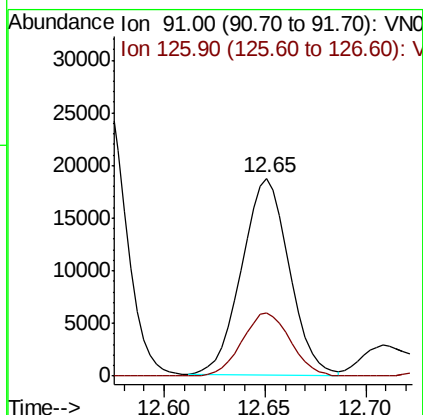
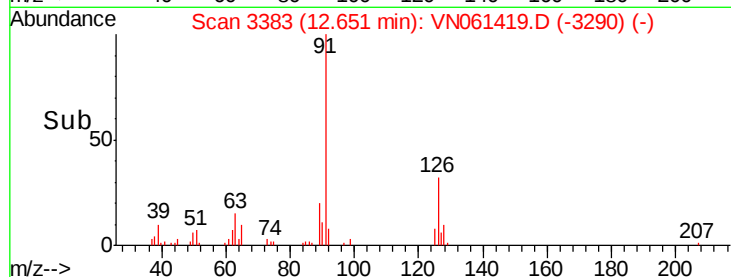
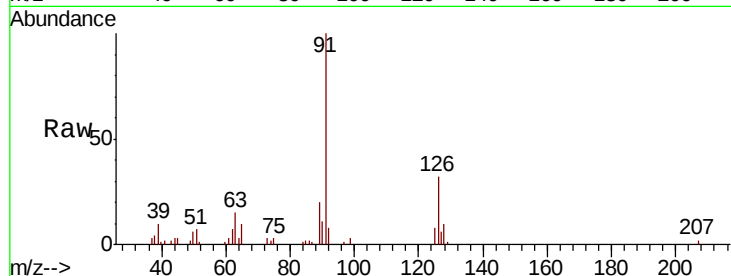
ClientSampled :

Tot Ion: 91 Resp: 30753

Ion Ratio Lower Upper

91 100

126 32.8 16.1 48.2



#80

1,3,5-Trimethylbenzene

Concen: 5.901 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061419.D

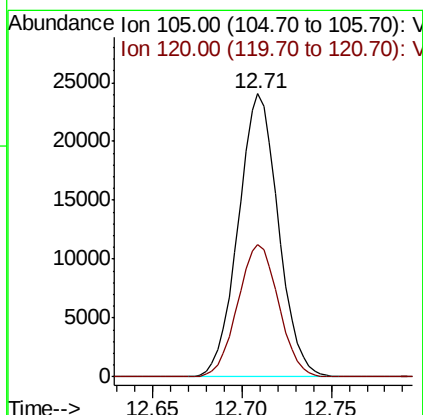
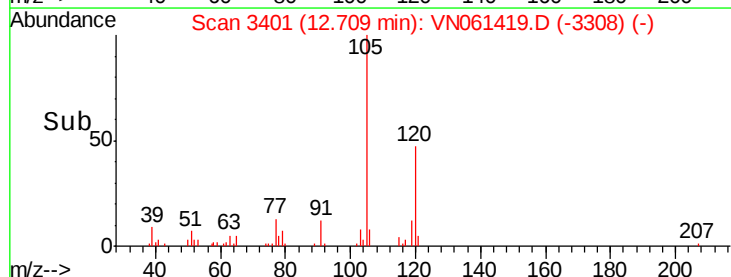
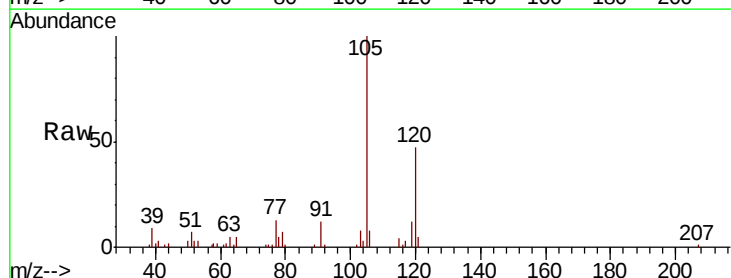
Acq: 15 May 2020 20:59

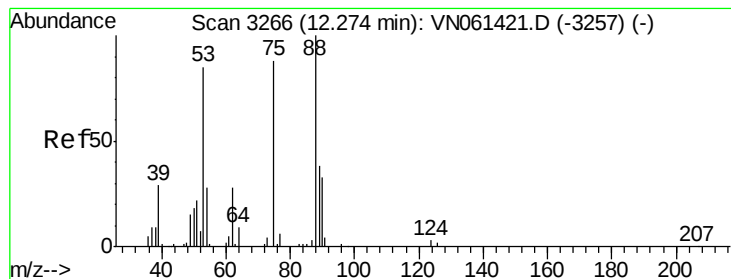
Tgt Ion: 105 Resp: 37676

Ion Ratio Lower Upper

105 100

120 47.5 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 5.050 ug/l

RT: 12.28 min Scan# 3268

Delta R.T. 0.01 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

Instrument :

MSVOA_N

ClientSampled :

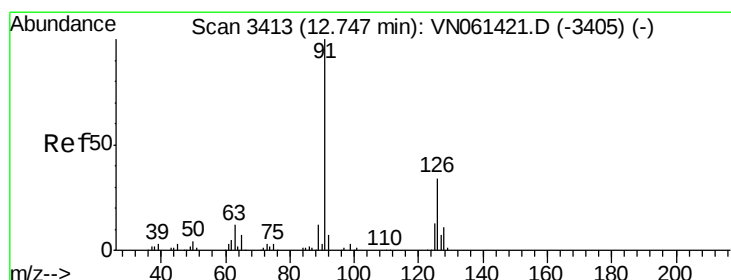
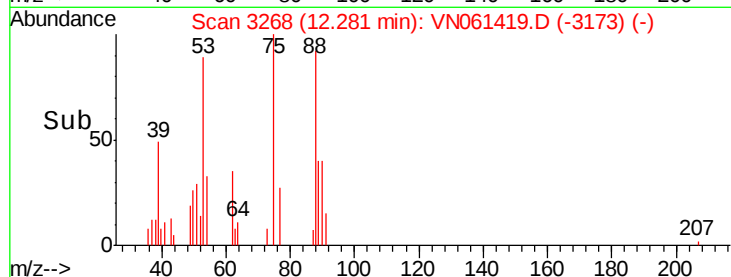
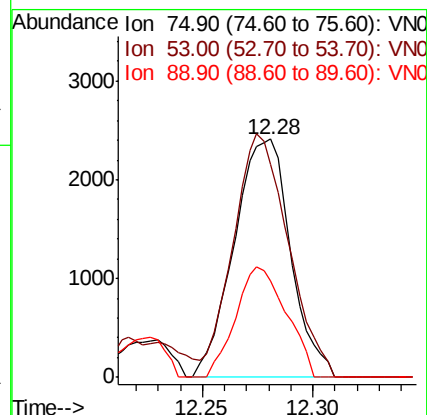
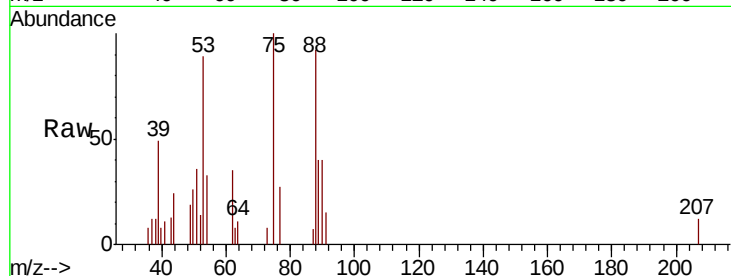
Tot Ion: 75 Resp: 4285

Ion Ratio Lower Upper

75 100

53 99.5 78.1 117.1

89 41.3 36.3 54.5



#82

4-Chlorotoluene

Concen: 5.703 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061419.D

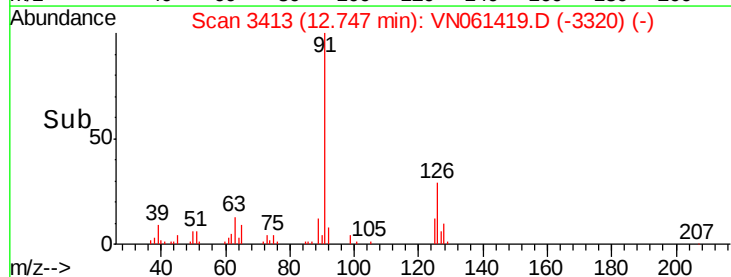
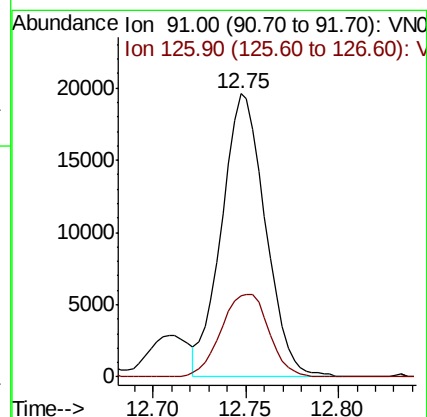
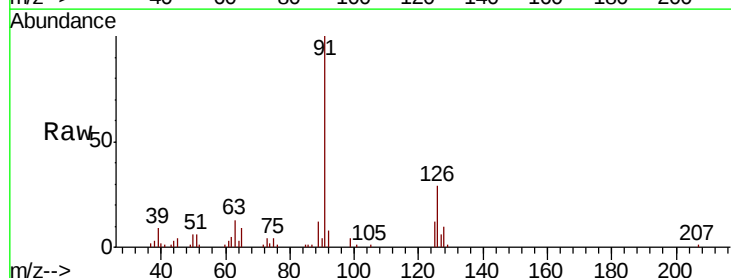
Acq: 15 May 2020 20:59

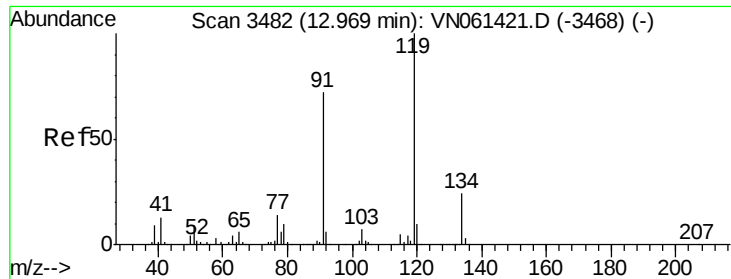
Tgt Ion: 91 Resp: 32139

Ion Ratio Lower Upper

91 100

126 32.1 15.8 47.3





#83

tert-Butylbenzene

Concen: 6.074 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

Instrument :

MSVOA_N

ClientSampled :

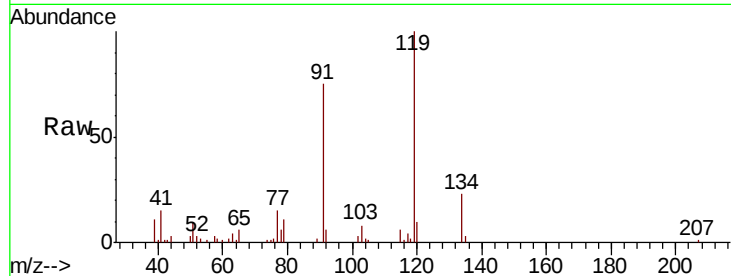
Tot Ion:119 Resp: 32513

Ion Ratio Lower Upper

119 100

91 71.1 35.6 106.9

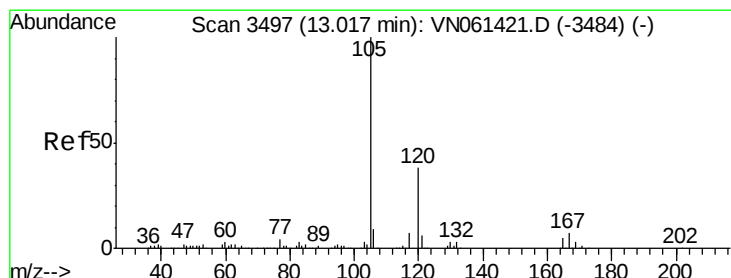
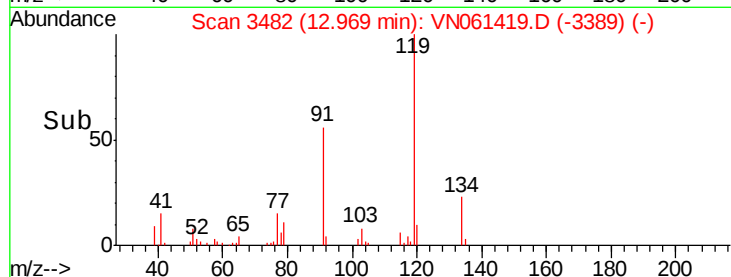
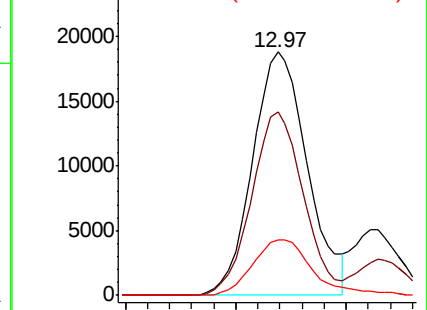
134 24.9 12.9 38.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 5.800 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. -0.00 min

Lab File: VN061419.D

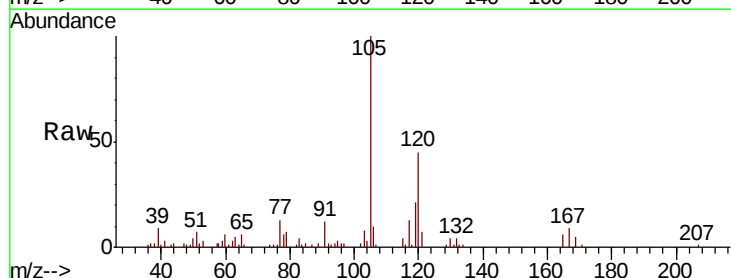
Acq: 15 May 2020 20:59

Tgt Ion:105 Resp: 38035

Ion Ratio Lower Upper

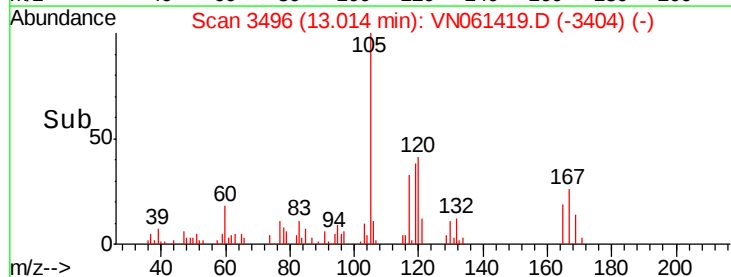
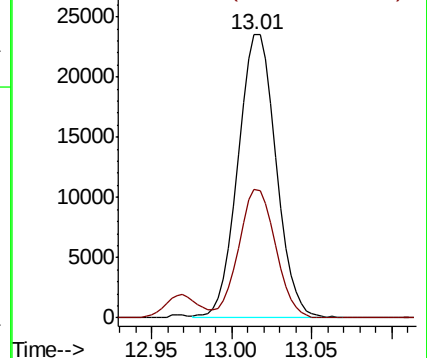
105 100

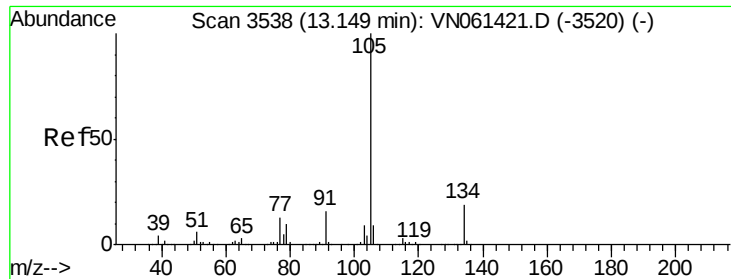
120 43.9 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 5.878 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

Instrument :

MSVOA_N

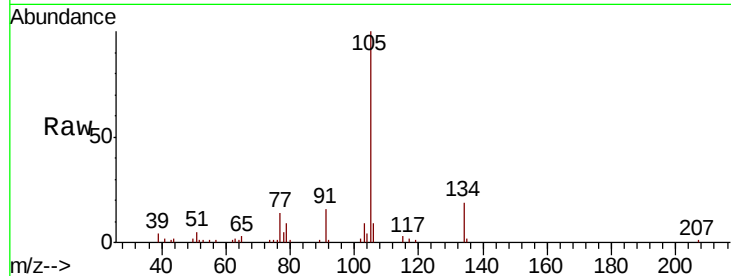
ClientSampleId :

Tot Ion:105 Resp: 43006

Ion Ratio Lower Upper

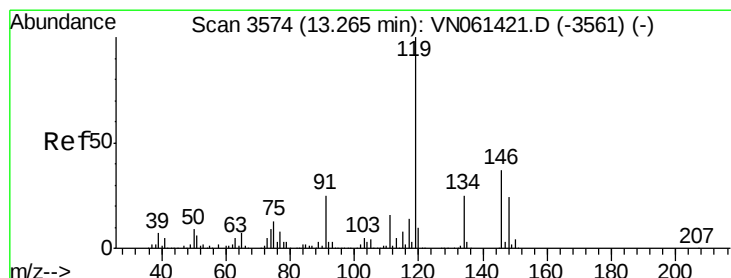
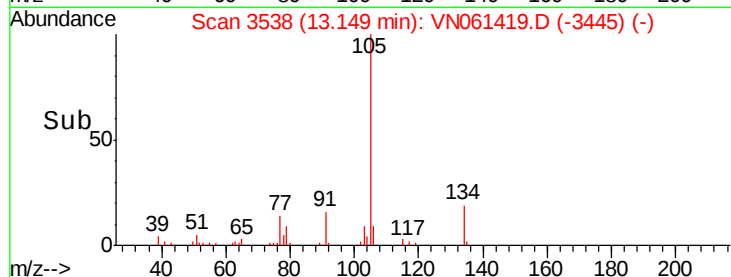
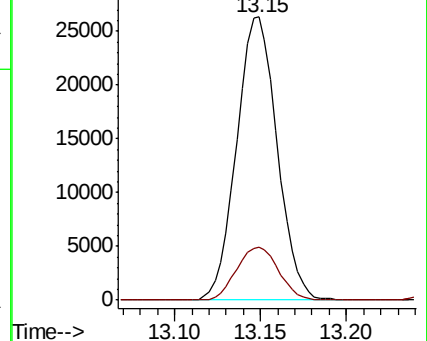
105 100

134 19.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.674 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

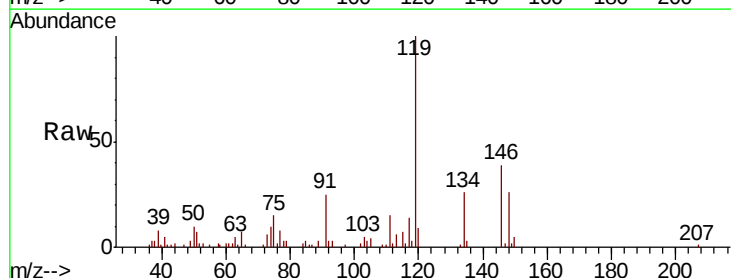
Tgt Ion:119 Resp: 37392

Ion Ratio Lower Upper

119 100

134 26.0 12.8 38.4

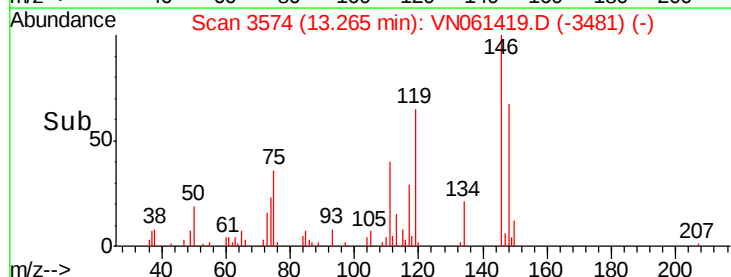
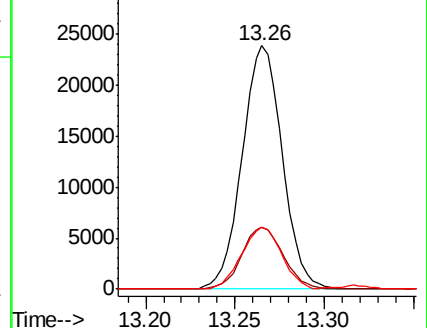
91 25.4 13.0 38.9

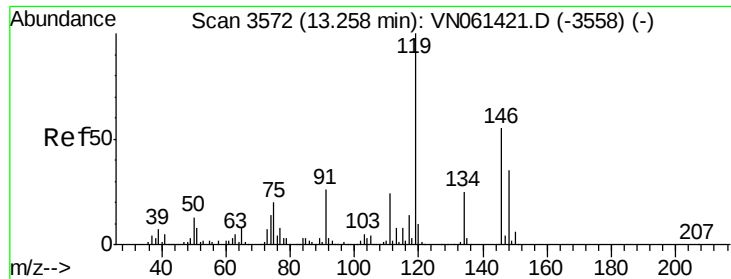


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

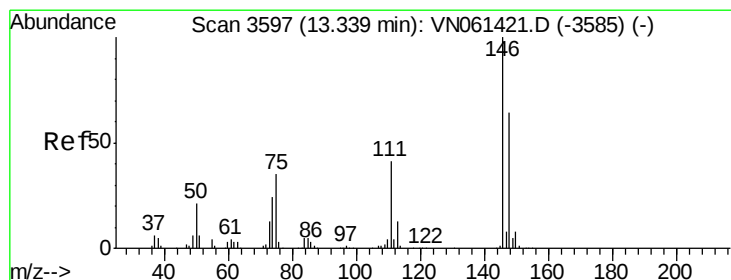
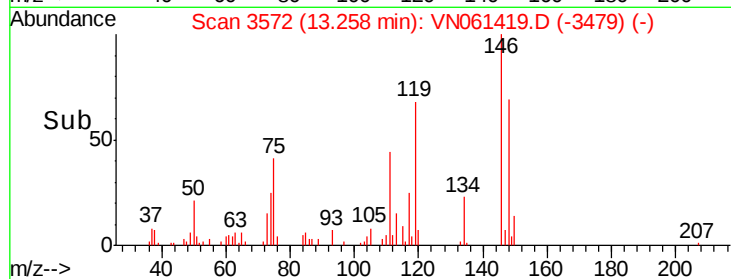
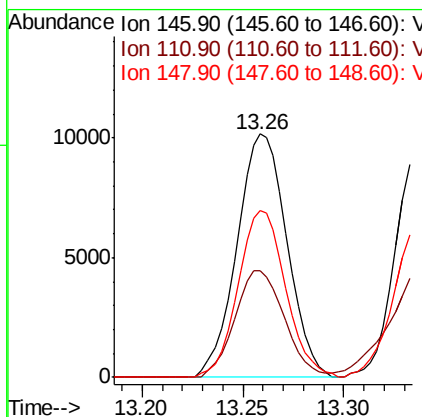
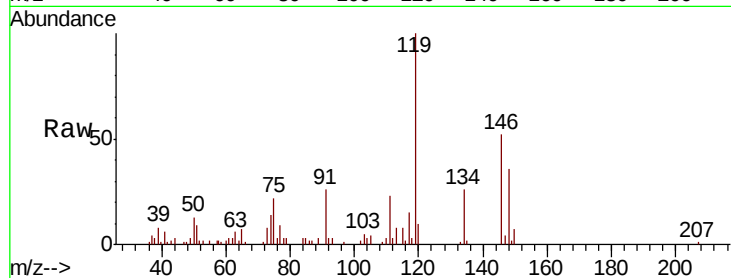




#87
 1,3-Dichlorobenzene
 Concen: 5.425 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061419.D
 Acq: 15 May 2020 20:59

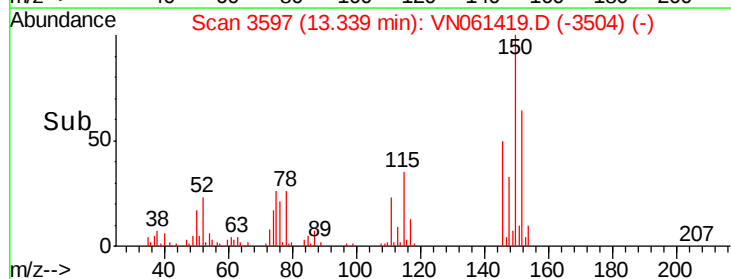
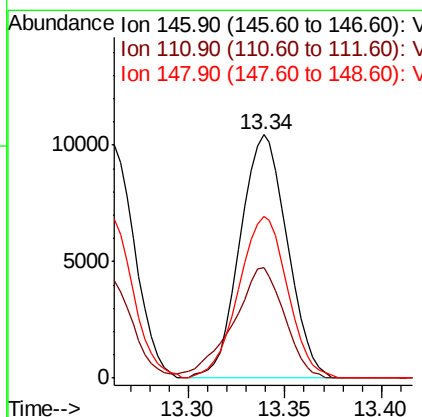
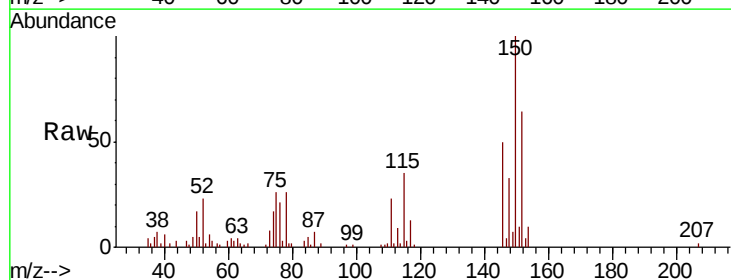
Instrument :
 MSVOA_N
 ClientSampled :

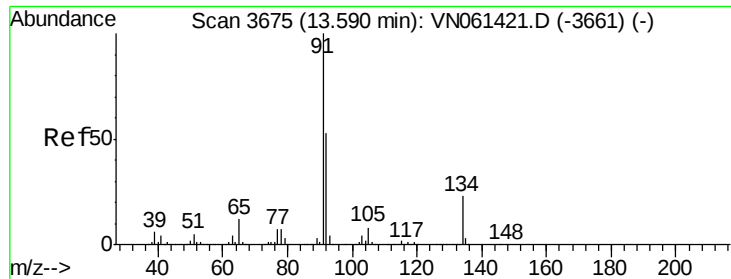
Tot Ion:146 Resp: 17583
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.5 64.5
 148 65.2 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 5.352 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061419.D
 Acq: 15 May 2020 20:59

Tgt Ion:146 Resp: 17758
 Ion Ratio Lower Upper
 146 100
 111 49.4 20.9 62.7
 148 68.7 32.3 96.8

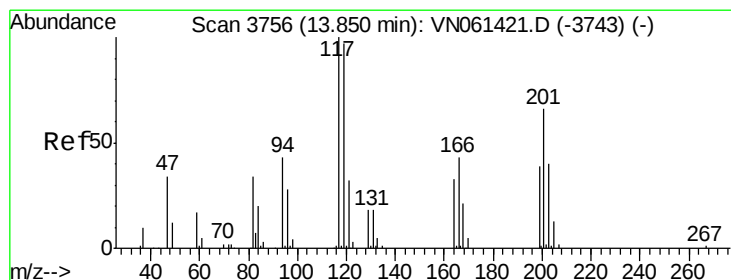
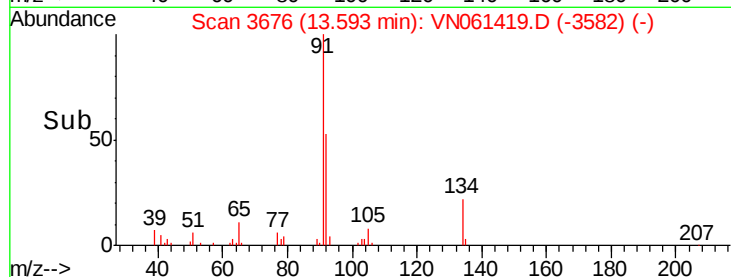
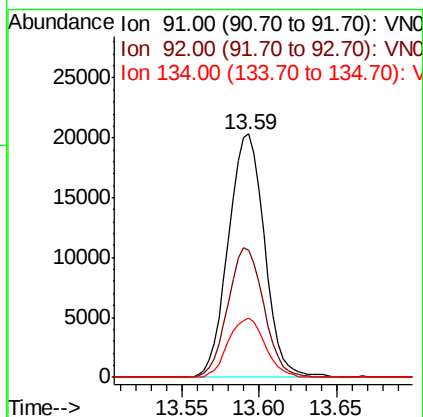
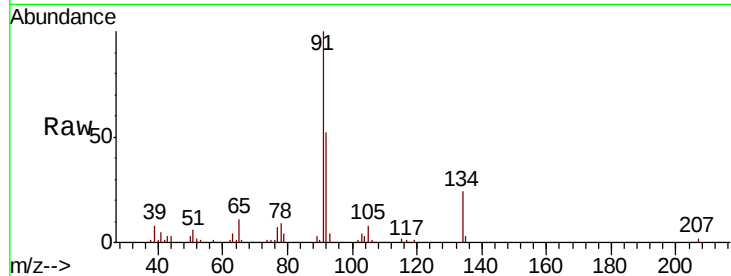




#89
n-Butylbenzene
Concen: 5.457 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

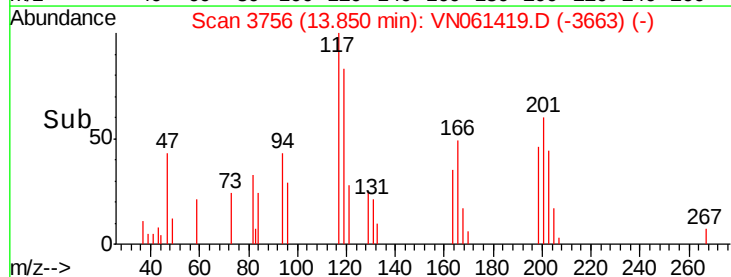
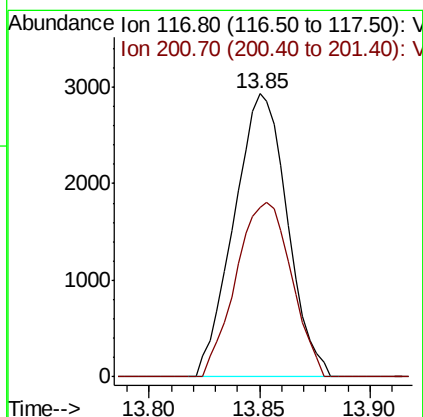
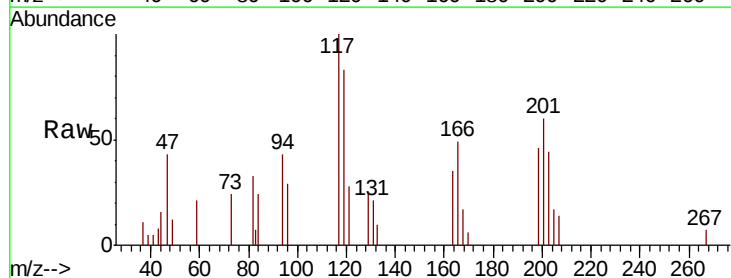
Instrument :
MSVOA_N
ClientSampleId :

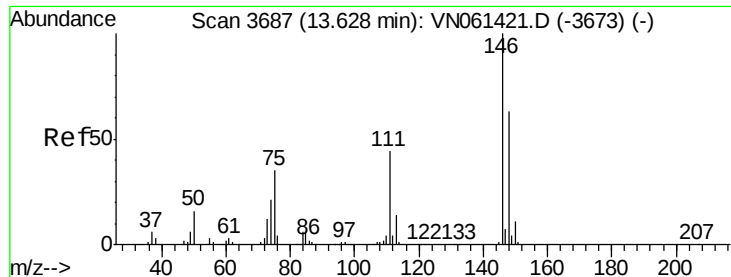
Tot Ion: 91 Resp: 32919
Ion Ratio Lower Upper
91 100
92 53.1 26.8 80.3
134 24.5 11.9 35.5



#90
Hexachloroethane
Concen: 7.574 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

Tgt Ion: 117 Resp: 4914
Ion Ratio Lower Upper
117 100
201 64.0 32.2 96.6





#91

1,2-Dichlorobenzene

Concen: 5.240 ug/l

RT: 13.63 min Scan# 3688

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

Instrument :

MSVOA_N

ClientSampled :

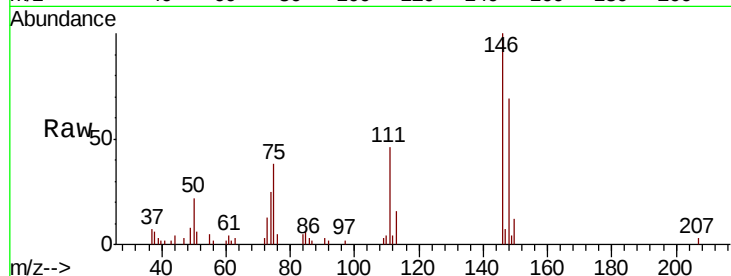
Tot Ion:146 Resp: 16298

Ion Ratio Lower Upper

146 100

111 46.7 22.3 66.8

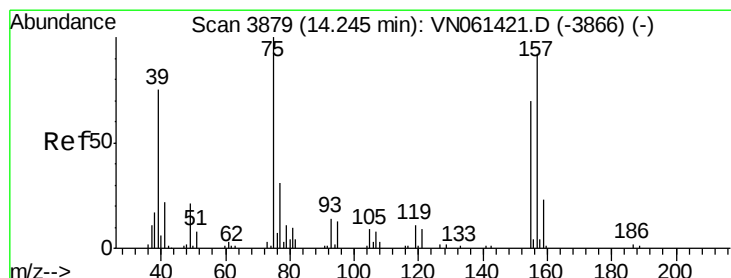
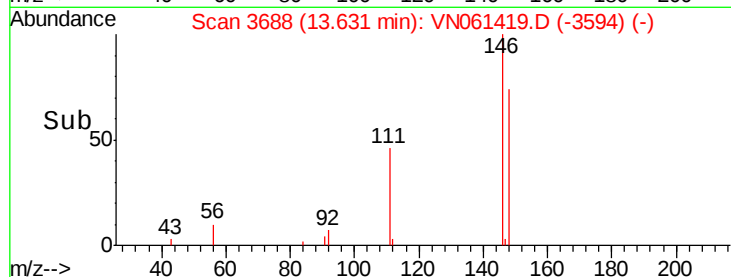
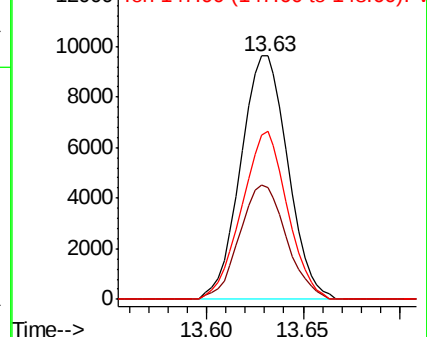
148 67.0 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.658 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. 0.00 min

Lab File: VN061419.D

Acq: 15 May 2020 20:59

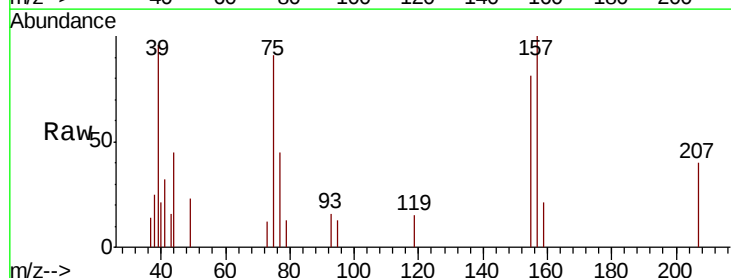
Tgt Ion: 75 Resp: 2287

Ion Ratio Lower Upper

75 100

155 76.3 35.2 105.6

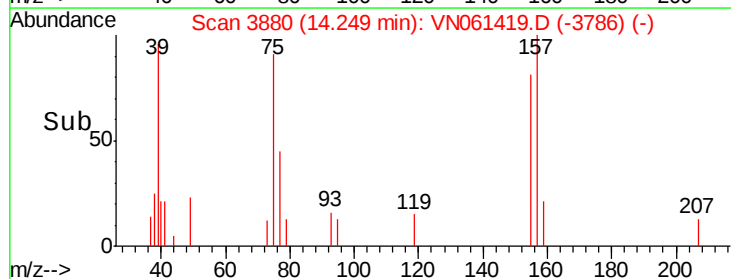
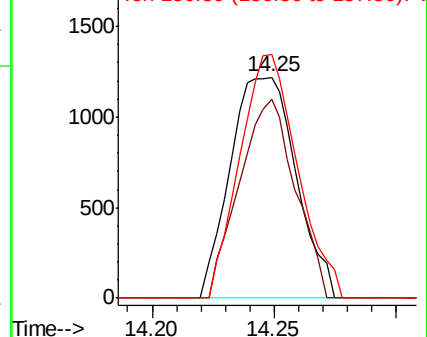
157 96.4 45.8 137.3

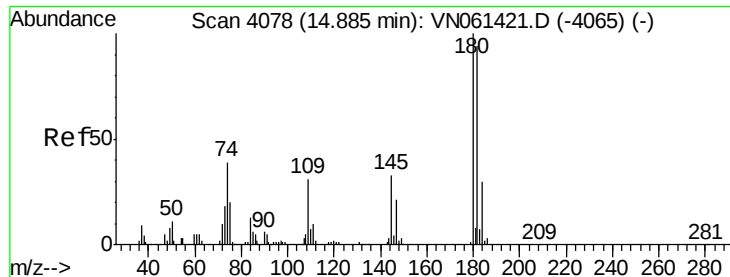


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

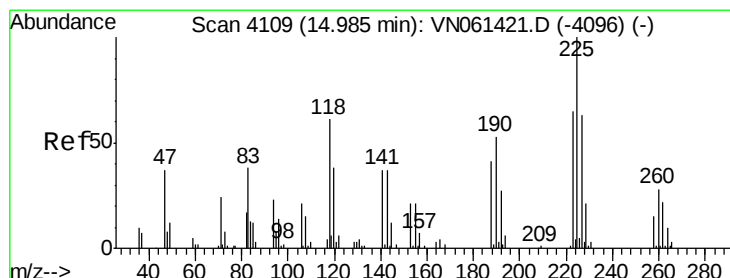
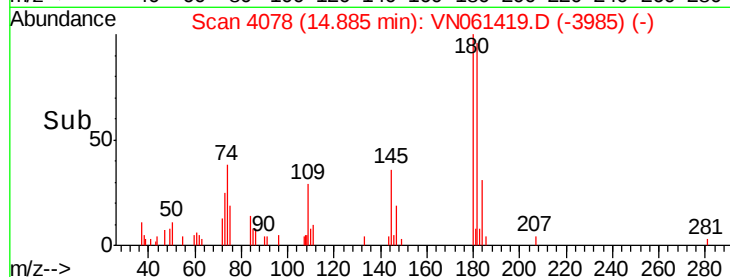
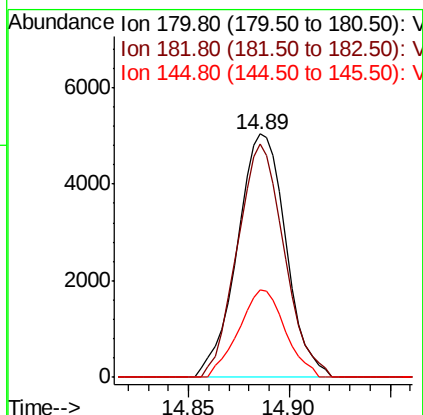
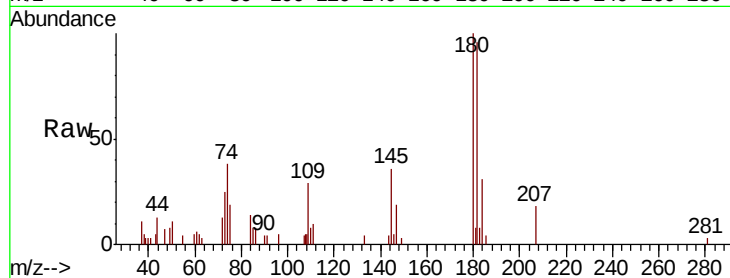




#93
 1,2,4-Trichlorobenzene
 Concen: 4.564 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061419.D
 Acq: 15 May 2020 20:59

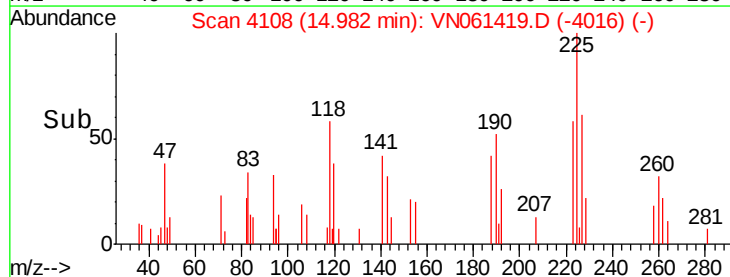
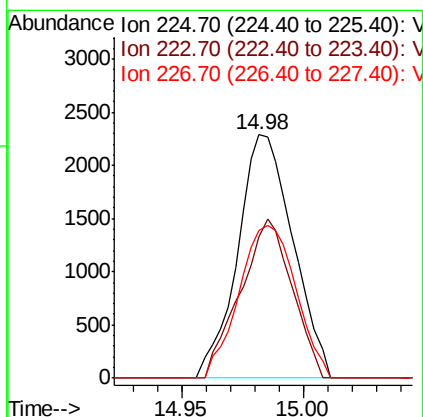
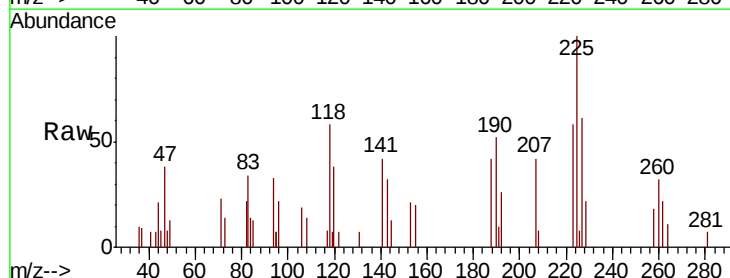
Instrument :
 MSVOA_N
 ClientSampleId :

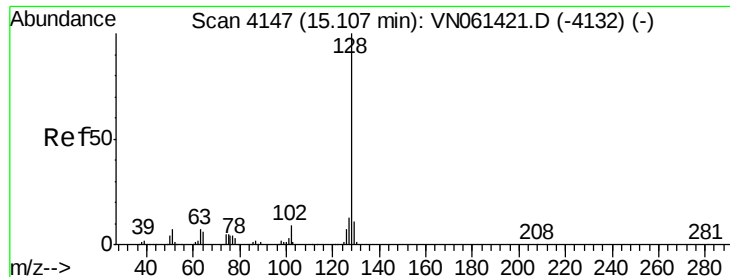
Tot Ion:180 Resp: 8503
 Ion Ratio Lower Upper
 180 100
 182 92.3 47.3 142.0
 145 34.5 16.3 48.9



#94
 Hexachlorobutadiene
 Concen: 4.660 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061419.D
 Acq: 15 May 2020 20:59

Tgt Ion:225 Resp: 3592
 Ion Ratio Lower Upper
 225 100
 223 61.1 32.1 96.3
 227 64.6 31.4 94.2

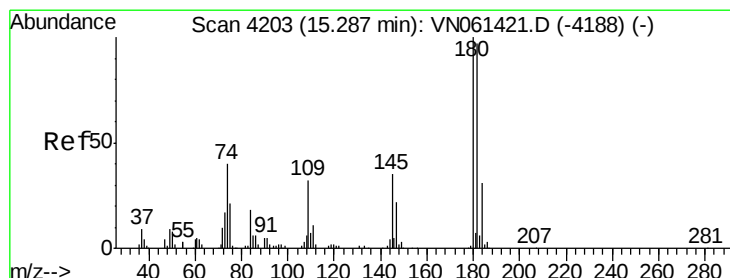
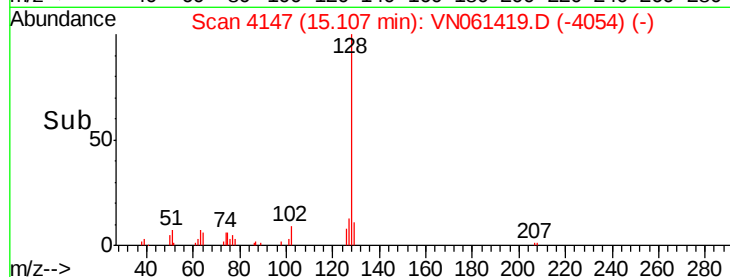
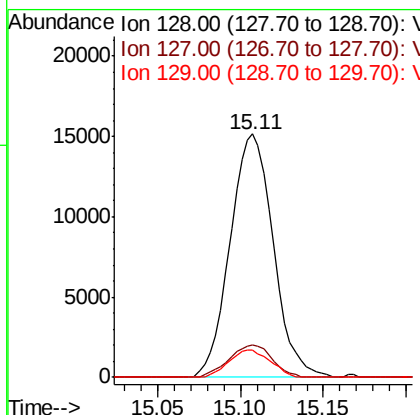
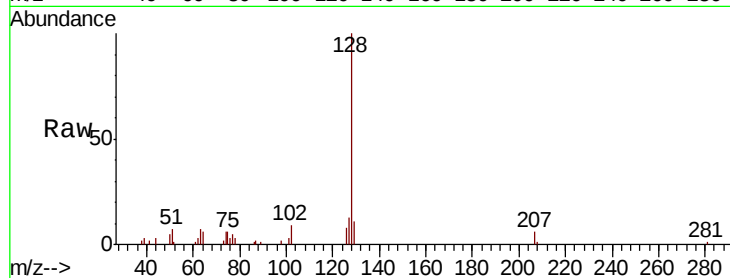




#95
Naphthalene
Concen: 4.517 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 27351
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 4.776 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061419.D
Acq: 15 May 2020 20:59

Tgt Ion:180 Resp: 8776
Ion Ratio Lower Upper
180 100
182 98.0 48.0 144.2
145 32.9 17.6 52.9

