

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
 Data File : VN061621.D
 Acq On : 2 Jun 2020 16:02
 Operator : JC/MD
 Sample : VN0602MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 03 00:49:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	351340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	576616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	532677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	255797	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	136577	32.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.26%	
35) Dibromofluoromethane	7.54	113	106811	36.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.04%	
50) Toluene-d8	10.06	98	453642	33.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.94%	
62) 4-Bromofluorobenzene	12.37	95	166380	33.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.28%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	77626	19.845	ug/l 99
3) Chloromethane	2.03	50	84787	19.786	ug/l 100
4) Vinyl Chloride	2.16	62	113460	19.321	ug/l 97
5) Bromomethane	2.54	94	71280	21.154	ug/l 98
6) Chloroethane	2.67	64	72347	19.140	ug/l 99
7) Trichlorofluoromethane	2.98	101	156104	20.614	ug/l 100
8) Diethyl Ether	3.37	74	42723	18.451	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	3.71	101	64939	19.325	ug/l 100
10) Methyl Iodide	3.91	142	92385	19.805	ug/l 99
11) Tert butyl alcohol	4.73	59	59257	106.427	ug/l 99
12) 1,1-Dichloroethene	3.69	96	66570	18.543	ug/l 96
13) Acrolein	3.56	56	12529	53.604	ug/l 100
14) Allyl chloride	4.27	41	84683	18.043	ug/l 97
15) Acrylonitrile	4.92	53	141525	91.065	ug/l 99
16) Acetone	3.77	43	130118	109.298	ug/l 98
17) Carbon Disulfide	4.00	76	153002	19.371	ug/l 100
18) Methyl Acetate	4.27	43	70373	18.571	ug/l 99
19) Methyl tert-butyl Ether	4.99	73	233100	19.051	ug/l 98
20) Methylene Chloride	4.50	84	76156	18.935	ug/l 93
21) trans-1,2-Dichloroethene	4.98	96	74834	18.484	ug/l 95
22) Diisopropyl ether	5.90	45	192838	18.641	ug/l 98
23) Vinyl Acetate	5.84	43	741692	89.958	ug/l 99
24) 1,1-Dichloroethane	5.79	63	124748	19.017	ug/l 99
25) 2-Butanone	6.78	43	186148	93.831	ug/l 100
26) 2,2-Dichloropropane	6.77	77	119456	19.896	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	90901	19.828	ug/l 98
28) Bromochloromethane	7.14	49	39776	15.180	ug/l 95
29) Tetrahydrofuran	7.16	42	117365	89.715	ug/l 98
30) Chloroform	7.32	83	139255	19.189	ug/l 99
31) Cyclohexane	7.61	56	108162	18.334	ug/l 96
32) 1,1,1-Trichloroethane	7.52	97	128761	19.472	ug/l 100
36) 1,1-Dichloropropene	7.75	75	99725	19.536	ug/l 99
37) Ethyl Acetate	6.88	43	77361	18.816	ug/l 95
38) Carbon Tetrachloride	7.73	117	98680	20.042	ug/l 99

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Instrument :
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 ClientSampleId :

Quant Time: Jun 03 00:49:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	116316	18.487	ug/l	97
40) Benzene	8.00	78	303588	19.276	ug/l	99
41) Methacrylonitrile	7.16	41	109131	57.935	ug/l #	18
42) 1,2-Dichloroethane	8.08	62	104608	19.839	ug/l	99
43) Isopropyl Acetate	8.12	43	136725	18.484	ug/l	93
44) Trichloroethene	8.80	130	97015	20.043	ug/l	94
45) 1,2-Dichloropropane	9.08	63	71761	19.188	ug/l	97
46) Dibromomethane	9.17	93	55307	19.282	ug/l	99
47) Bromodichloromethane	9.37	83	111760	19.667	ug/l	98
48) Methyl methacrylate	9.17	41	58979	17.722	ug/l	98
49) 1,4-Dioxane	9.16	88	26438	512.806	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	392913	94.262	ug/l	100
52) Toluene	10.12	92	207569	20.192	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	119319	19.491	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	128553	19.530	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	80275	19.601	ug/l	99
56) Ethyl methacrylate	10.40	69	111839	19.549	ug/l	97
57) 1,3-Dichloropropane	10.68	76	128265	19.582	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	195098	79.799	ug/l	98
59) 2-Hexanone	10.72	43	287919	96.179	ug/l	100
60) Dibromochloromethane	10.87	129	91259	19.600	ug/l	99
61) 1,2-Dibromoethane	10.98	107	86643	20.284	ug/l	97
64) Tetrachloroethene	10.60	164	102466	20.435	ug/l	99
65) Chlorobenzene	11.40	112	225002	20.321	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	82344	19.973	ug/l	99
67) Ethyl Benzene	11.48	91	387515	20.249	ug/l	98
68) m/p-Xylenes	11.59	106	302605	39.879	ug/l	100
69) o-Xylene	11.92	106	148477	20.601	ug/l	97
70) Styrene	11.94	104	239174	20.039	ug/l	99
71) Bromoform	12.10	173	59299	18.666	ug/l #	100
73) Isopropylbenzene	12.22	105	383583	20.546	ug/l	100
74) N-amyl acetate	12.04	43	110536	18.800	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	102094	19.514	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	132912	28.575	ug/l #	100
77) Bromobenzene	12.50	156	95246	19.986	ug/l	98
78) n-propylbenzene	12.56	91	414295	19.877	ug/l	100
79) 2-Chlorotoluene	12.65	91	250431	20.150	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	310415	19.893	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	34103	18.749	ug/l	97
82) 4-Chlorotoluene	12.75	91	262151	20.051	ug/l	100
83) tert-Butylbenzene	12.97	119	271515	19.693	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	318028	20.515	ug/l	99
85) sec-Butylbenzene	13.15	105	344634	19.398	ug/l	98
86) p-Isopropyltoluene	13.26	119	321011	19.620	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	169654	20.104	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	168041	19.546	ug/l	98
89) n-Butylbenzene	13.59	91	256533	18.720	ug/l	99
90) Hexachloroethane	13.85	117	35242	19.477	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	162828	20.190	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19940	18.688	ug/l	95

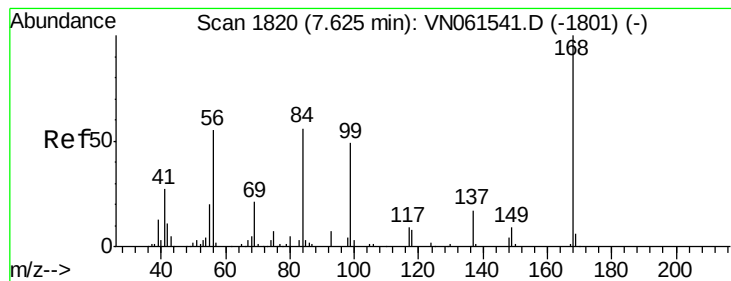
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060220\
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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	88438	18.750	ug/l	99
94) Hexachlorobutadiene	14.98	225	37703	18.743	ug/l	99
95) Naphthalene	15.10	128	282096	19.650	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	88489	19.082	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Instrument :

MSVOA_N

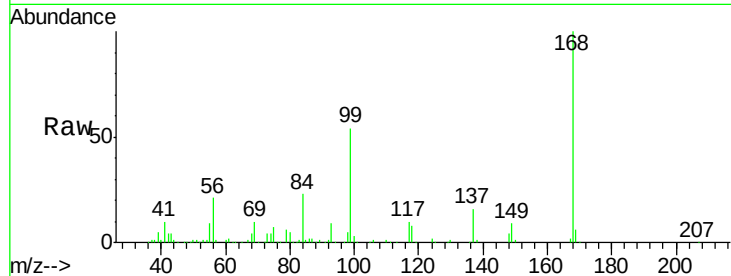
ClientSampleId :

Tot Ion:168 Resp: 351340

Ion Ratio Lower Upper

168 100

99 54.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

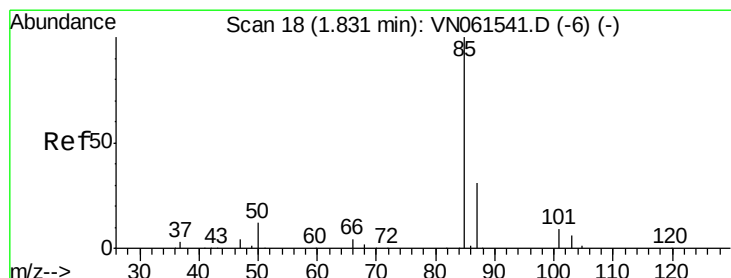
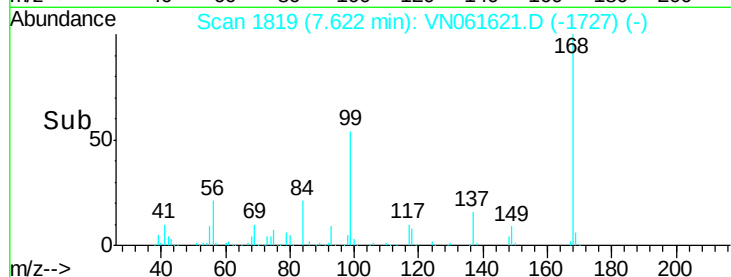
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.845 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061621.D

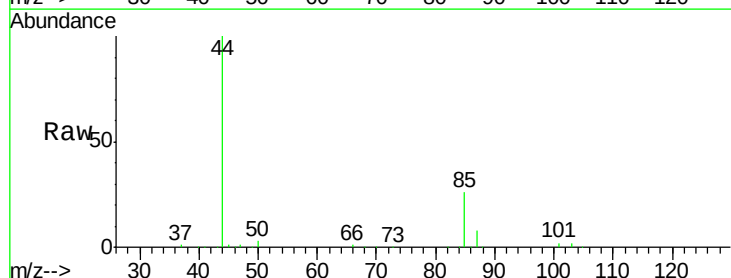
Acq: 2 Jun 2020 16:02

Tgt Ion: 85 Resp: 77626

Ion Ratio Lower Upper

85 100

87 32.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

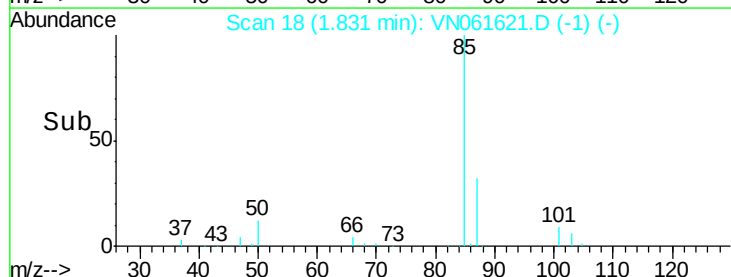
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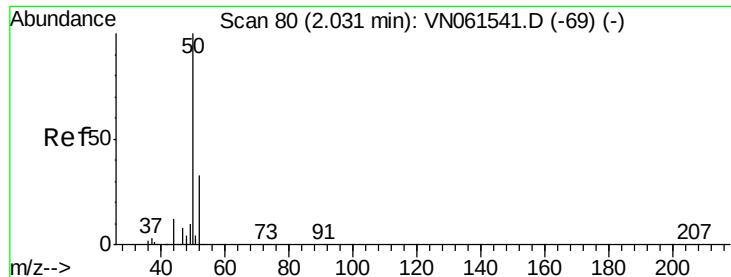
40000

20000

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Time-->





#3

Chloromethane

Concen: 19.786 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Instrument :

MSVOA_N

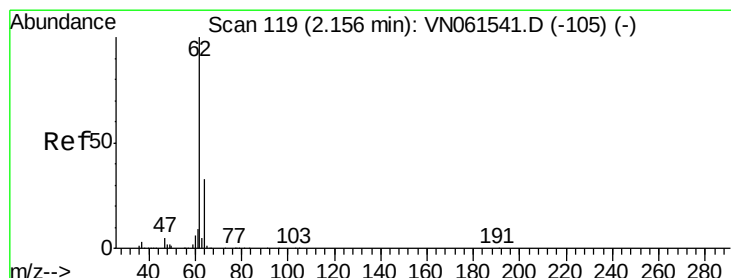
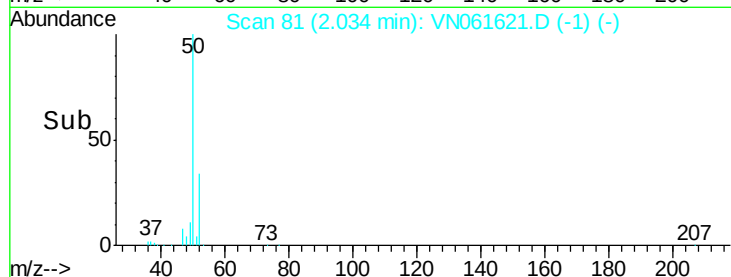
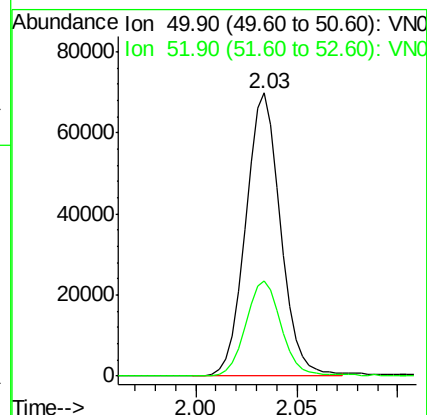
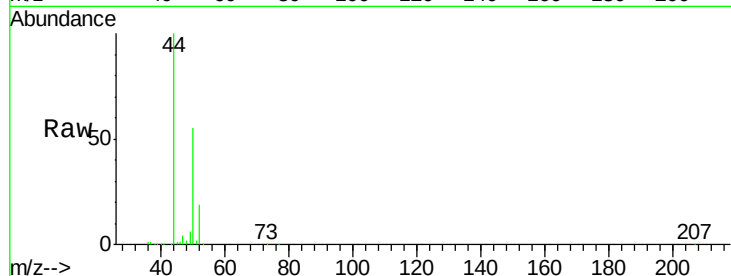
ClientSampleId :

Tot Ion: 50 Resp: 84787

Ion Ratio Lower Upper

50 100

52 33.7 26.7 40.1



#4

Vinyl Chloride

Concen: 19.321 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061621.D

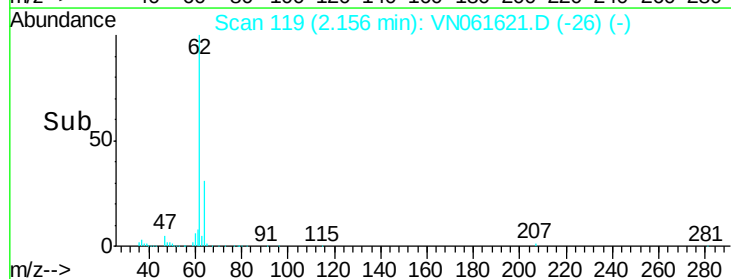
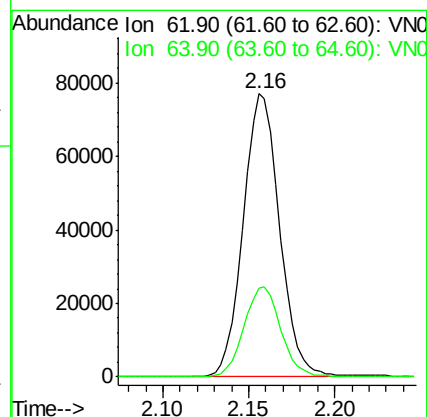
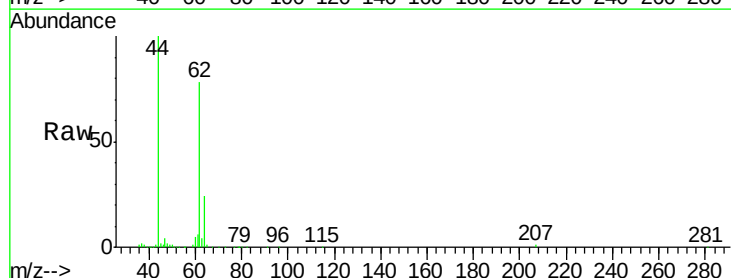
Acq: 2 Jun 2020 16:02

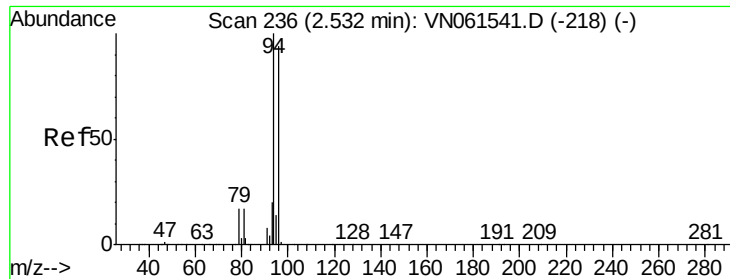
Tgt Ion: 62 Resp: 113460

Ion Ratio Lower Upper

62 100

64 31.2 26.2 39.2





#5

Bromomethane

Concen: 21.154 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Instrument :

MSVOA_N

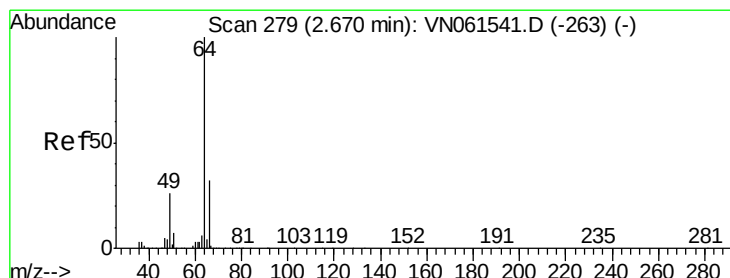
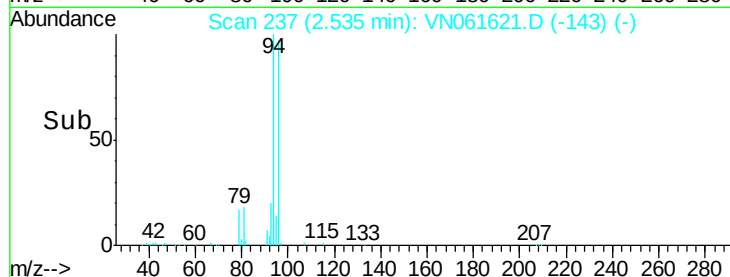
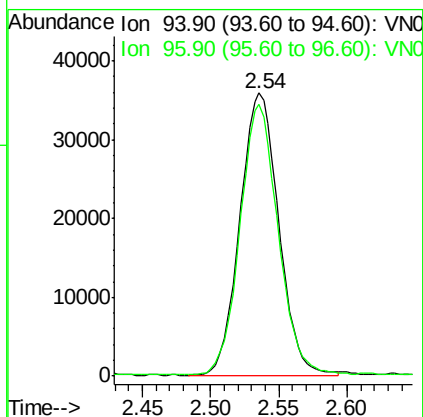
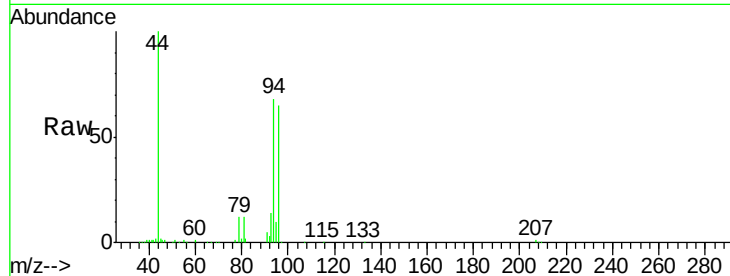
ClientSampleId :

Tot Ion: 94 Resp: 71280

Ion Ratio Lower Upper

94 100

96 95.7 74.8 112.2



#6

Chloroethane

Concen: 19.140 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061621.D

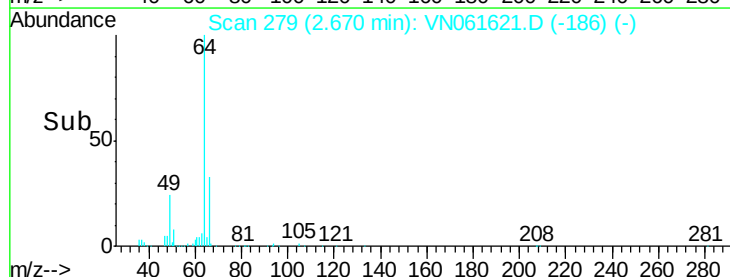
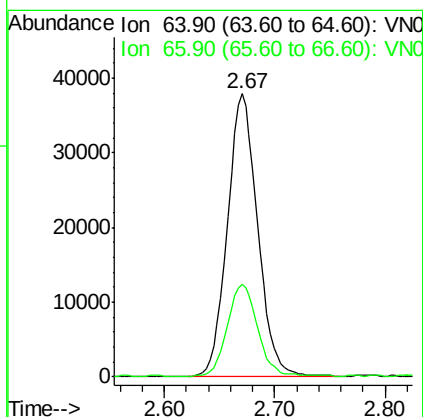
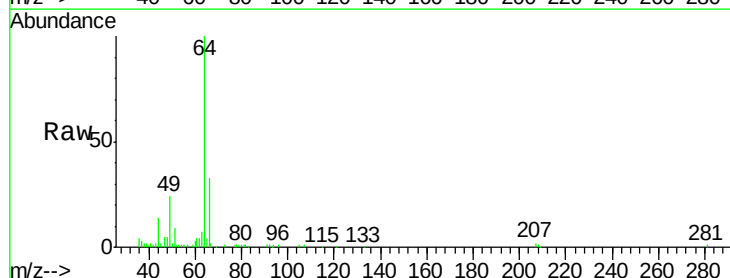
Acq: 2 Jun 2020 16:02

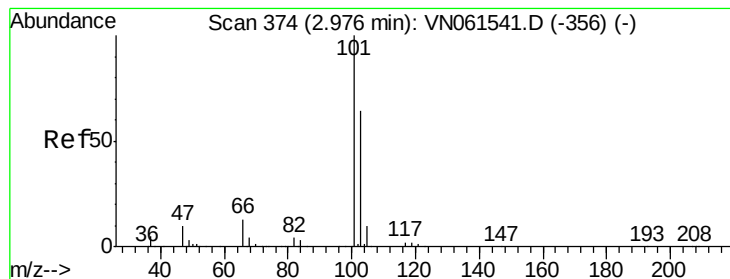
Tgt Ion: 64 Resp: 72347

Ion Ratio Lower Upper

64 100

66 32.6 25.6 38.4



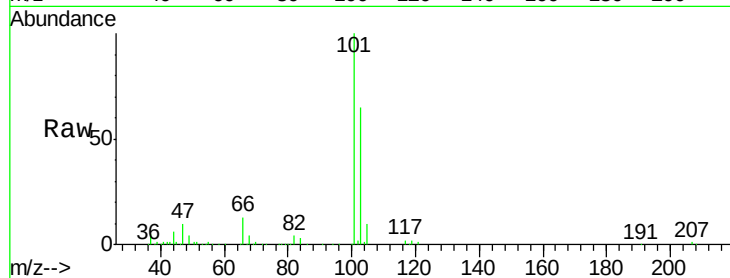


#7

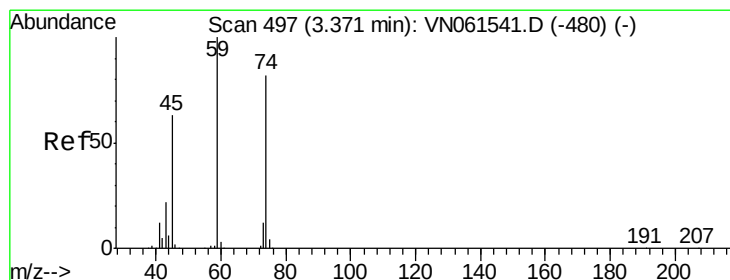
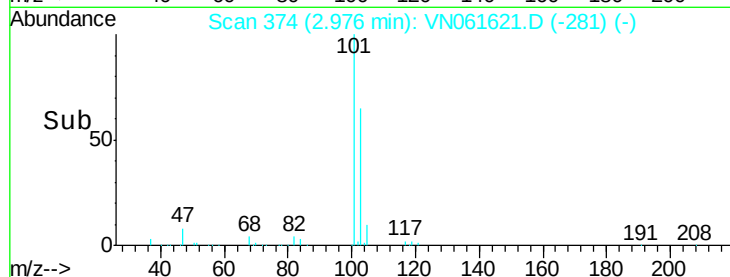
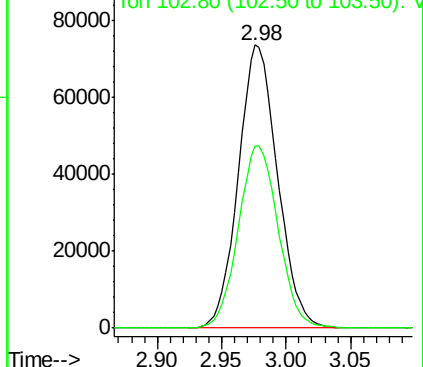
Trichlorofluoromethane
Concen: 20.614 ug/l
RT: 2.98 min Scan# 374
Delta R.T. 0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:101 Resp: 156104
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2



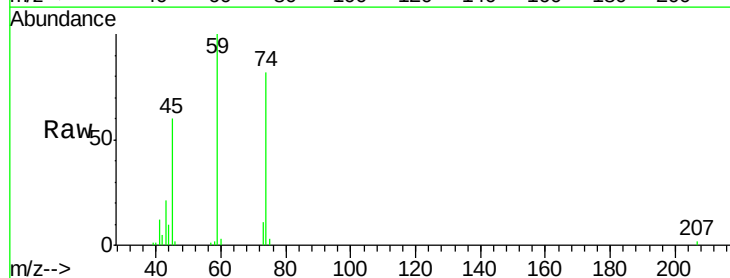
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



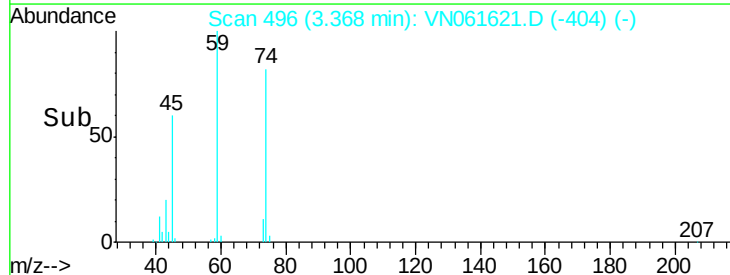
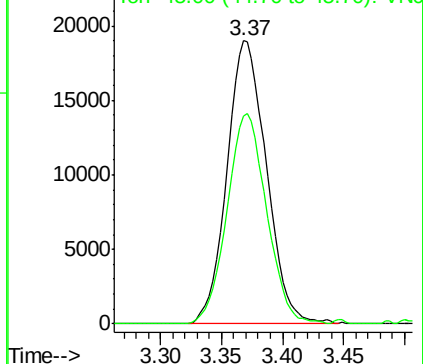
#8

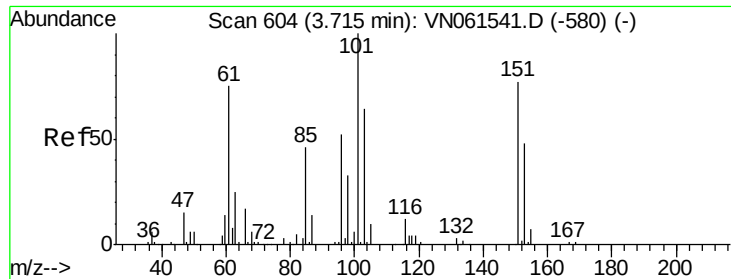
Diethyl Ether
Concen: 18.451 ug/l
RT: 3.37 min Scan# 496
Delta R.T. -0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

Tgt Ion: 74 Resp: 42723
Ion Ratio Lower Upper
74 100
45 74.4 39.9 119.7



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.325 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Instrument :

MSVOA_N

ClientSampled :

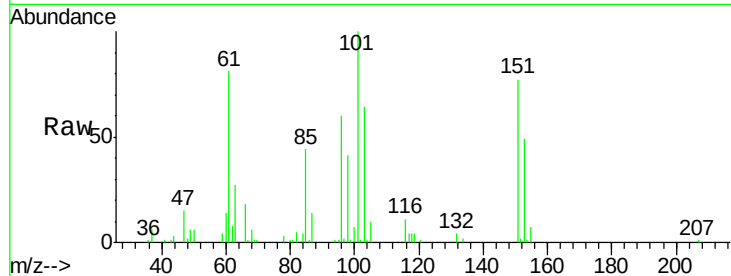
Tot Ion:101 Resp: 64939

Ion Ratio Lower Upper

101 100

85 43.9 35.2 52.8

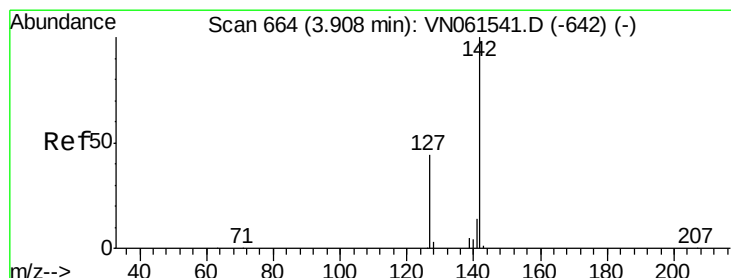
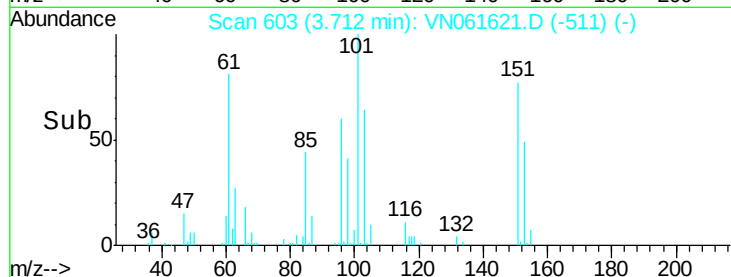
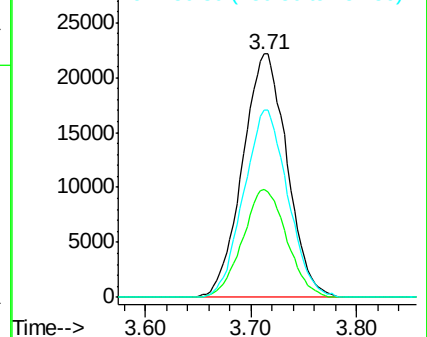
151 76.3 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.805 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

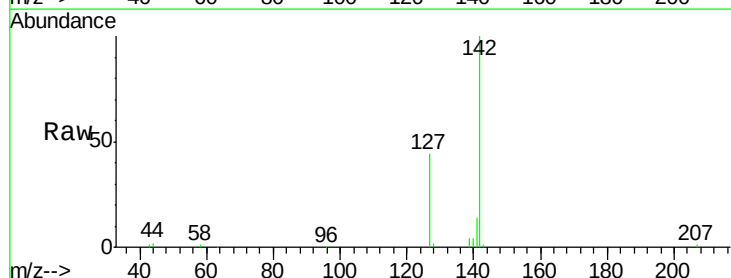
Tgt Ion:142 Resp: 92385

Ion Ratio Lower Upper

142 100

127 43.6 35.5 53.3

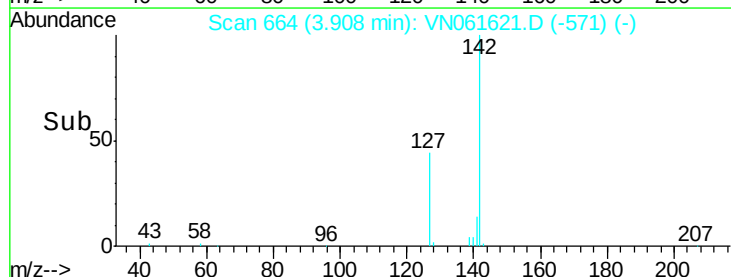
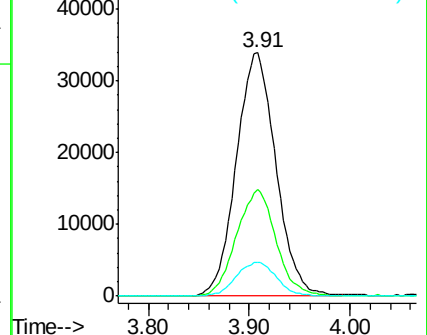
141 14.0 11.5 17.3

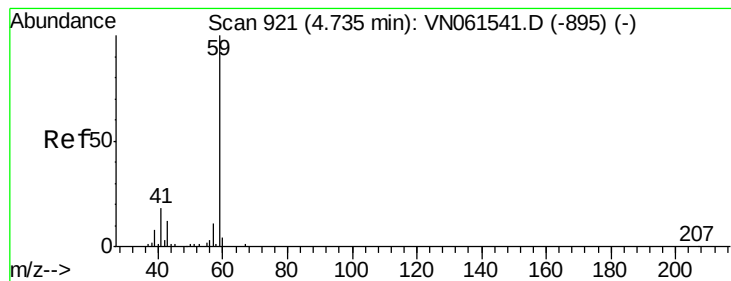


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



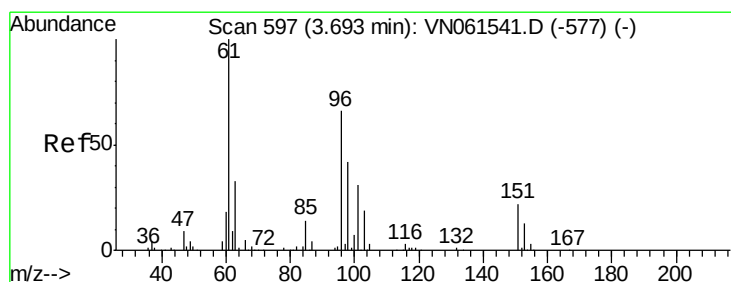
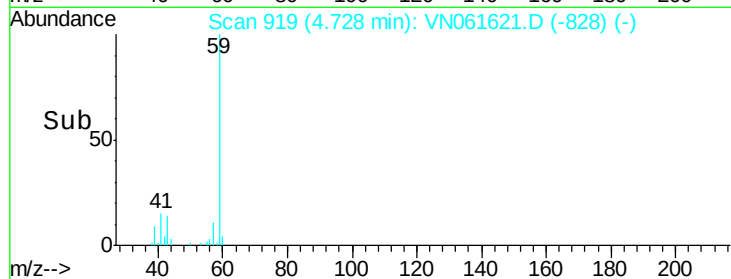
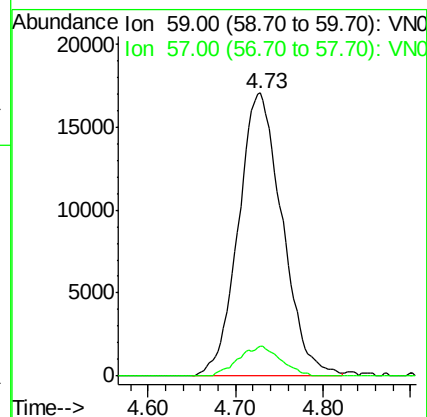
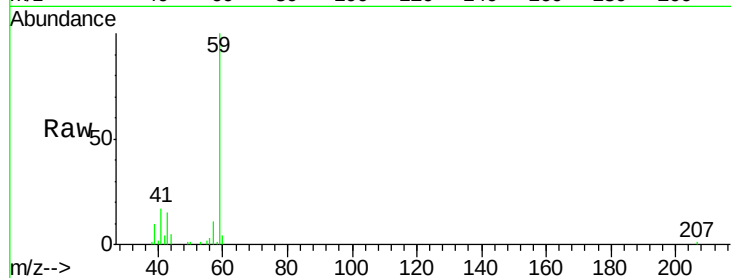


#11

Tert butyl alcohol
Concen: 106.427 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

Instrument :
MSVOA_N
ClientSampleId :

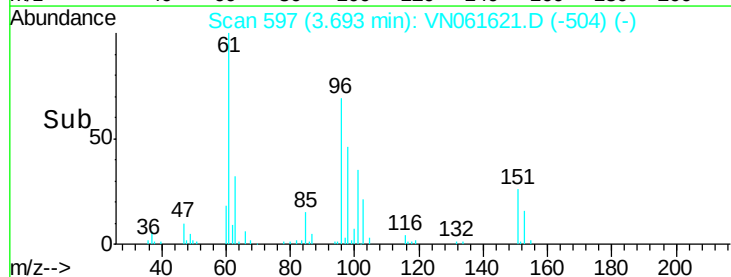
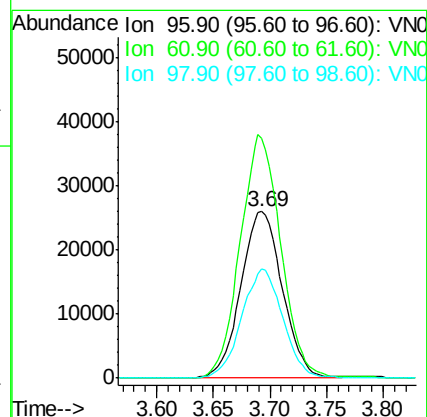
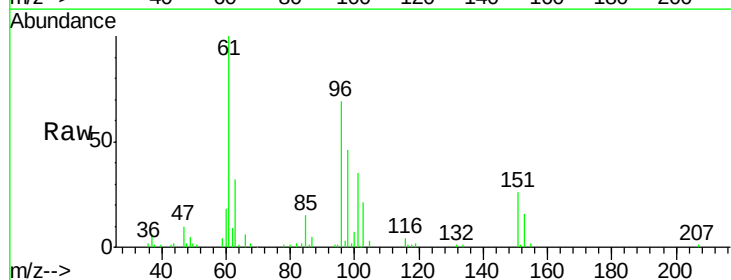
Tot Ion: 59 Resp: 59257
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6

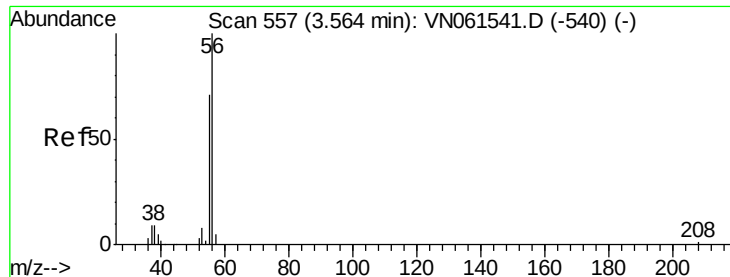


#12

1,1-Dichloroethene
Concen: 18.543 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

Tgt Ion: 96 Resp: 66570
Ion Ratio Lower Upper
96 100
61 144.2 120.5 180.7
98 65.9 50.8 76.2





#13

Acrolein

Concen: 53.604 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Instrument :

MSVOA_N

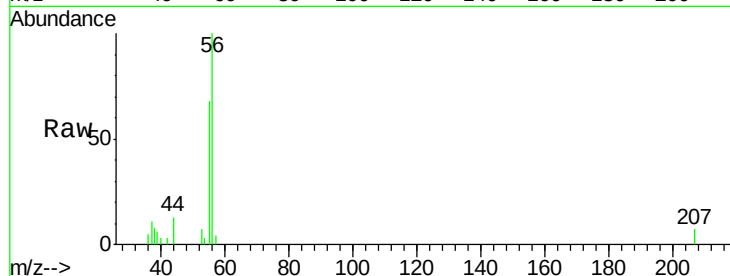
ClientSampled :

Tot Ion: 56 Resp: 12529

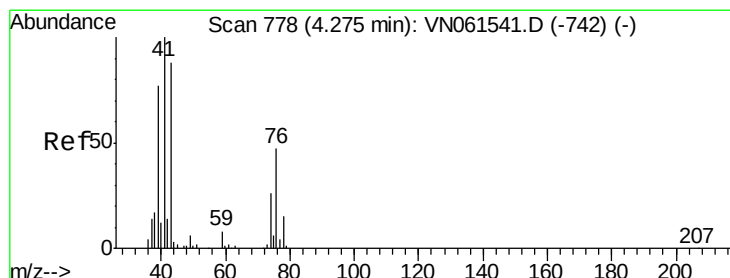
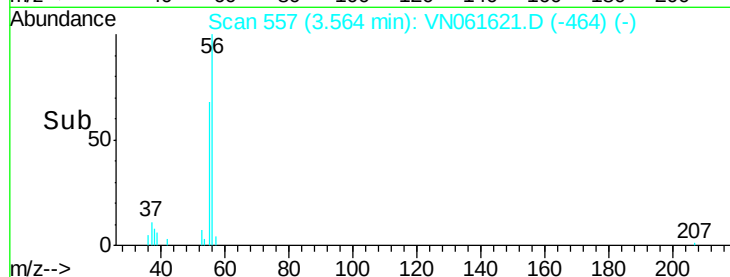
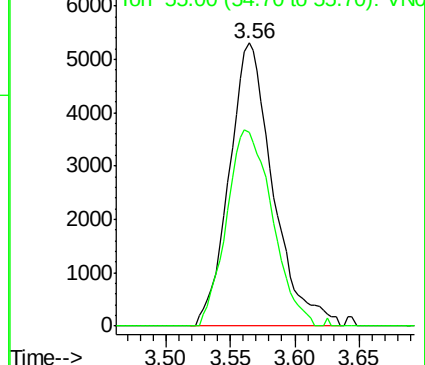
Ion Ratio Lower Upper

56 100

55 72.2 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061621.D (-464) (-)



#14

Allyl chloride

Concen: 18.043 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

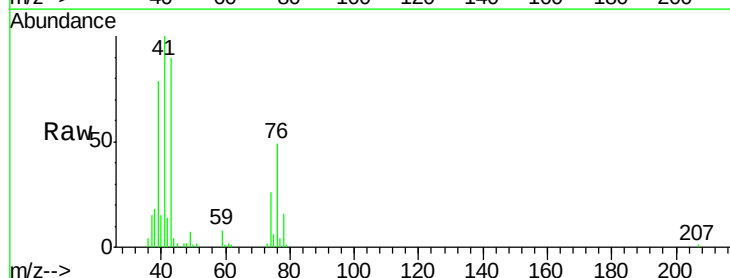
Tgt Ion: 41 Resp: 84683

Ion Ratio Lower Upper

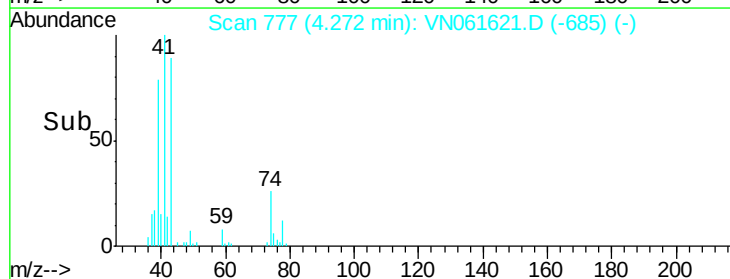
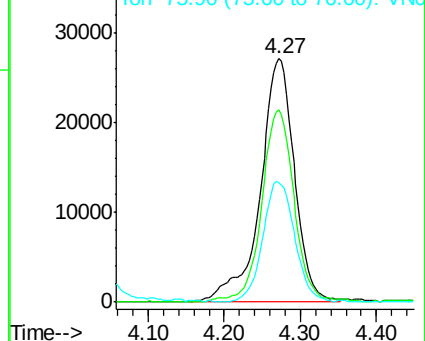
41 100

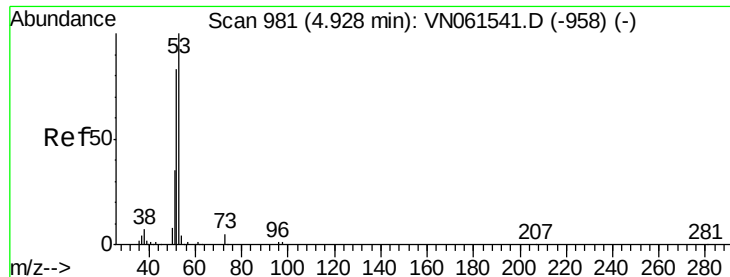
39 74.2 58.6 88.0

76 46.2 34.2 51.4



Abundance Ion 41.00 (40.70 to 41.70): VN061621.D (-685) (-)





#15

Acrylonitrile

Concen: 91.065 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Instrument :

MSVOA_N

ClientSampleId :

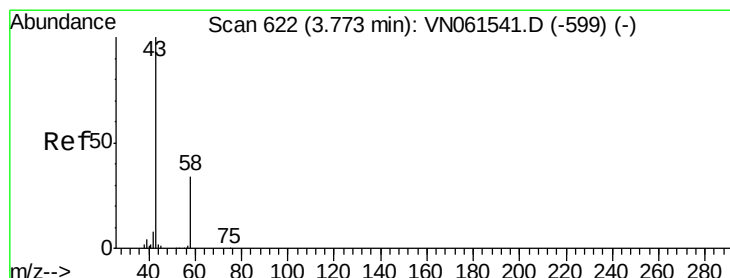
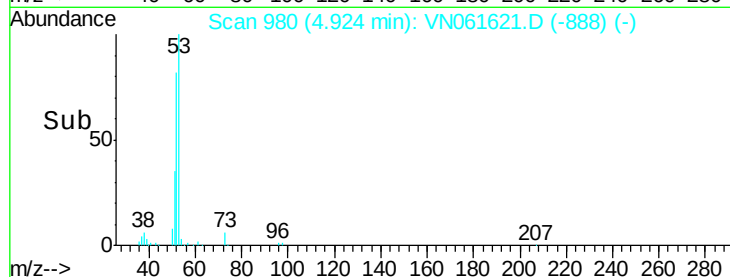
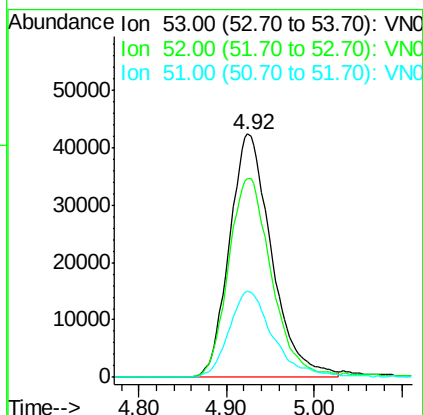
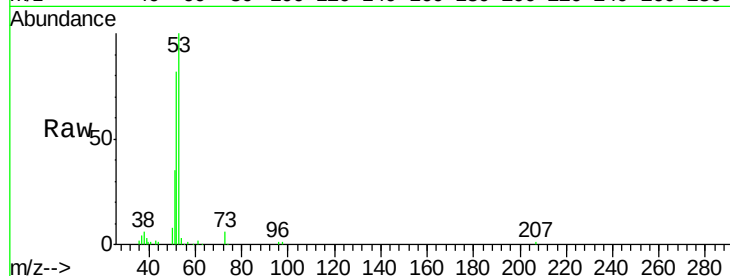
Tot Ion: 53 Resp: 141525

Ion Ratio Lower Upper

53 100

52 83.2 65.4 98.2

51 36.9 29.0 43.6



#16

Acetone

Concen: 109.298 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061621.D

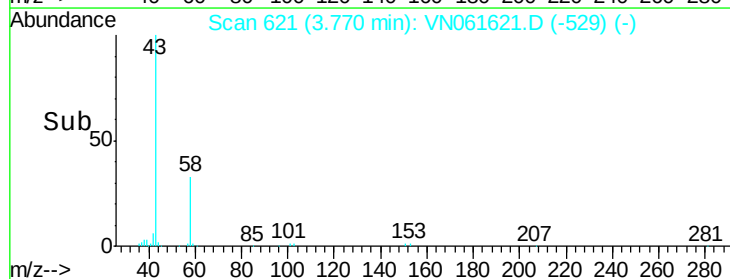
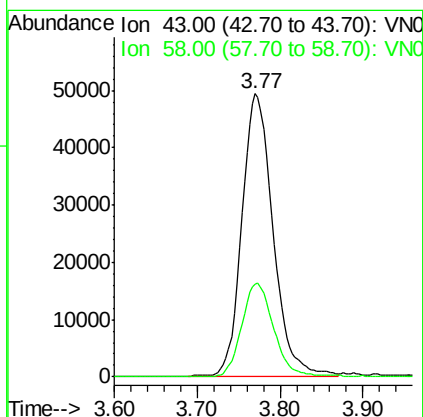
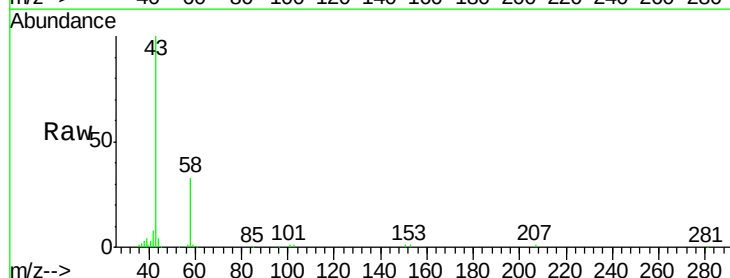
Acq: 2 Jun 2020 16:02

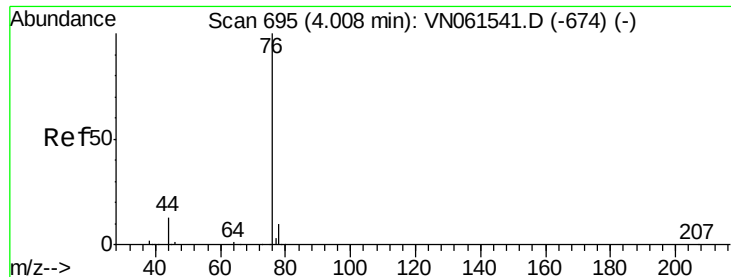
Tgt Ion: 43 Resp: 130118

Ion Ratio Lower Upper

43 100

58 32.8 27.2 40.8





#17

Carbon Disulfide

Concen: 19.371 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Instrument :

MSVOA_N

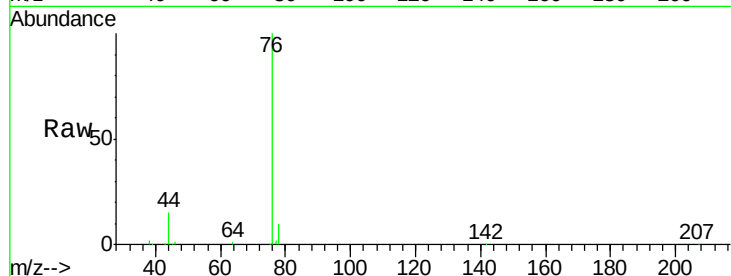
ClientSampled :

Tot Ion: 76 Resp: 153002

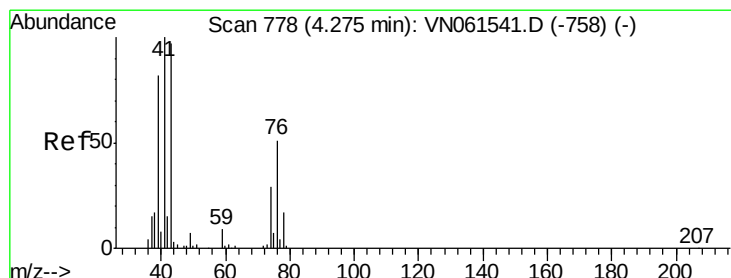
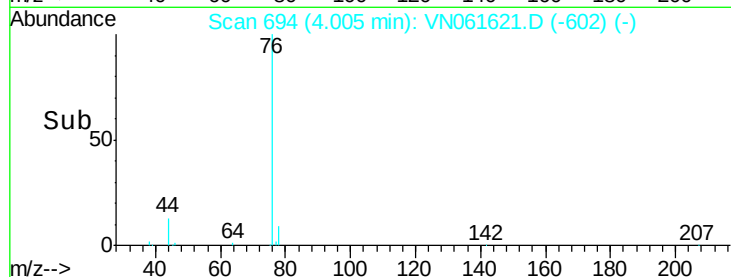
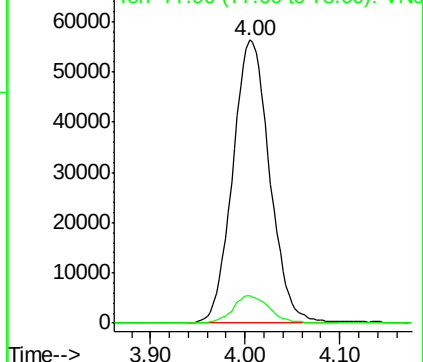
Ion Ratio Lower Upper

76 100

78 9.8 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 18.571 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061621.D

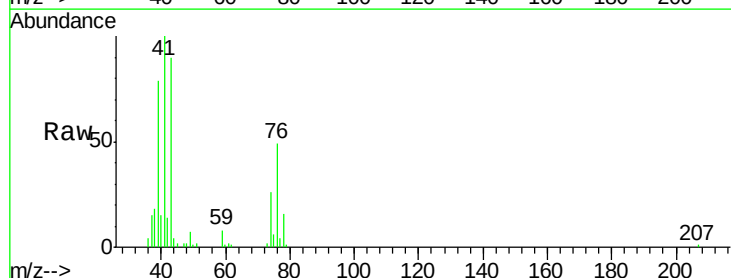
Acq: 2 Jun 2020 16:02

Tgt Ion: 43 Resp: 70373

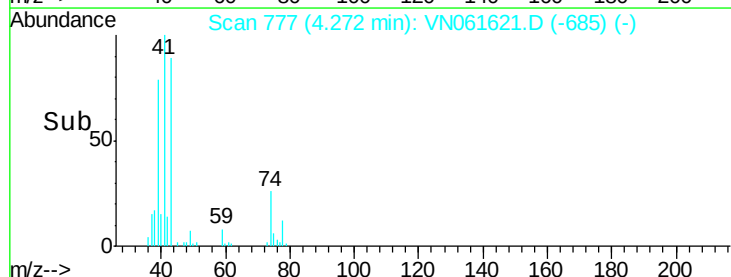
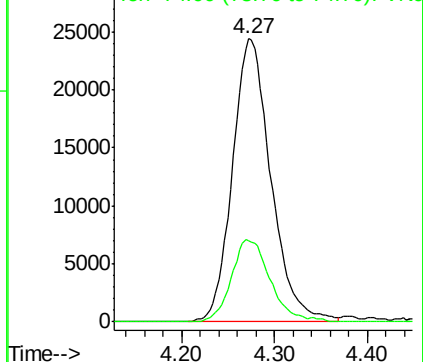
Ion Ratio Lower Upper

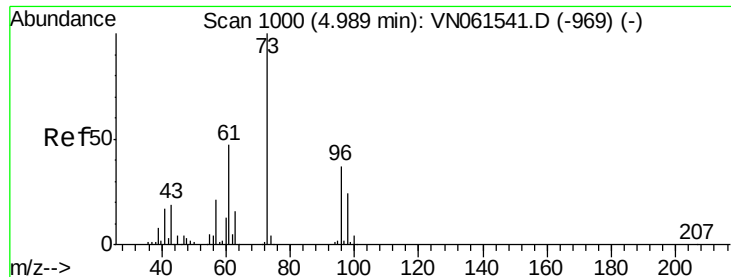
43 100

74 29.3 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

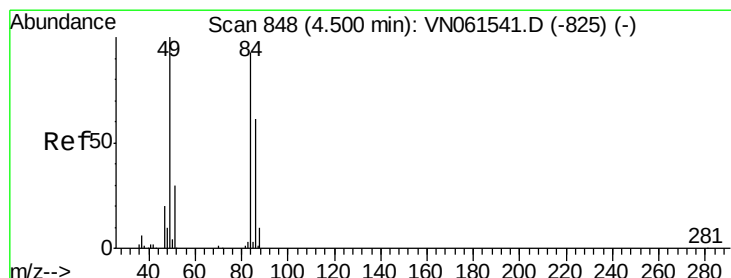
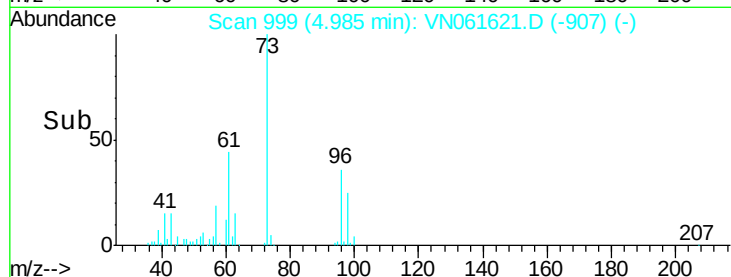
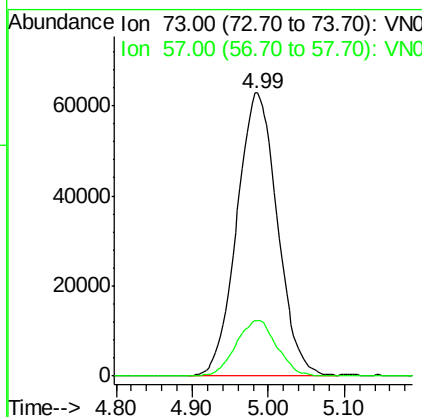
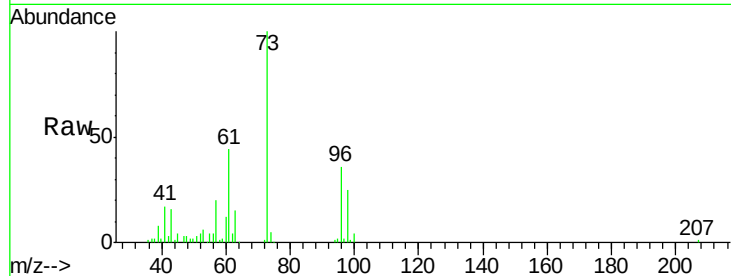




#19
Methyl tert-butyl Ether
Concen: 19.051 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

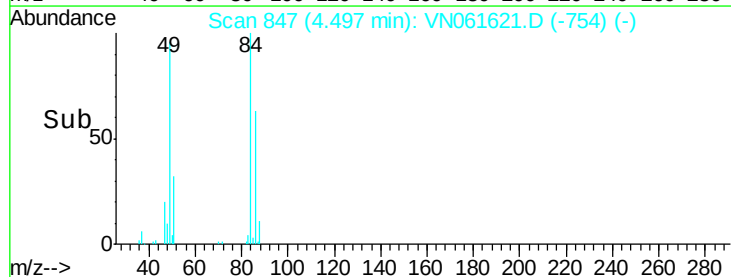
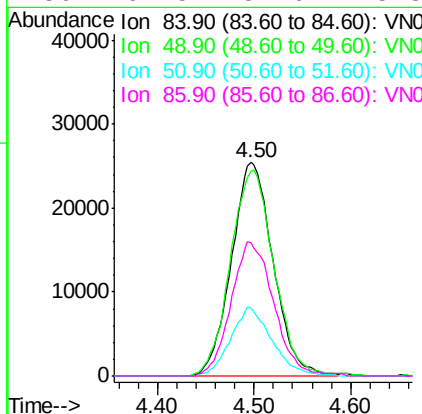
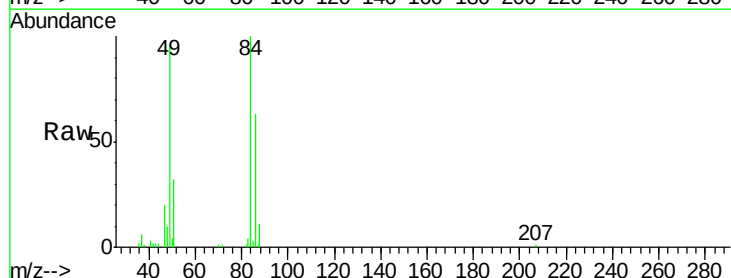
Instrument :
MSVOA_N
ClientSampleId :

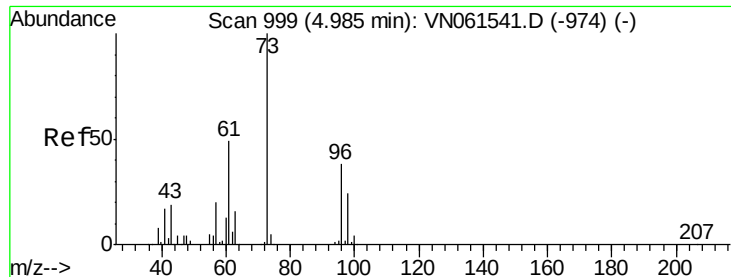
Tot Ion: 73 Resp: 233100
Ion Ratio Lower Upper
73 100
57 19.7 16.4 24.6



#20
Methylene Chloride
Concen: 18.935 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

Tgt Ion: 84 Resp: 76156
Ion Ratio Lower Upper
84 100
49 96.2 85.8 128.8
51 32.1 26.2 39.2
86 62.5 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 18.484 ug/l

RT: 4.98 min Scan# 997

Delta R.T. -0.01 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Instrument :

MSVOA_N

ClientSampleId :

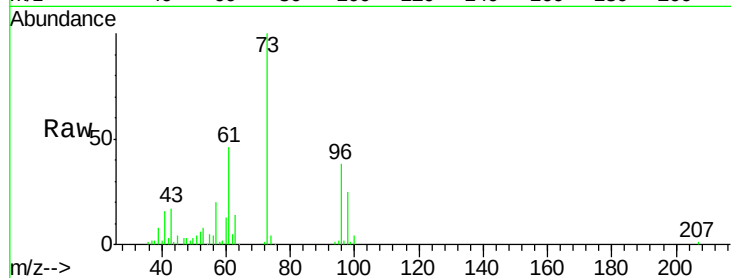
Tot Ion: 96 Resp: 74834

Ion Ratio Lower Upper

96 100

61 120.3 101.4 152.0

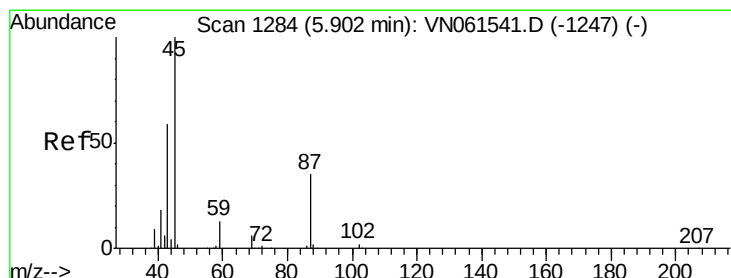
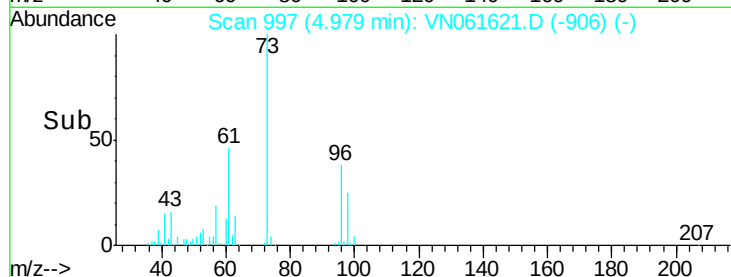
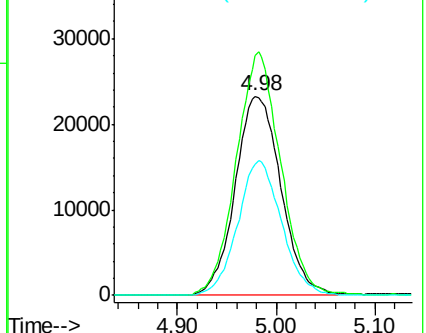
98 65.9 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061621.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN061621.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN061621.D (-906) (-)



#22

Diisopropyl ether

Concen: 18.641 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Tgt Ion: 45 Resp: 192838

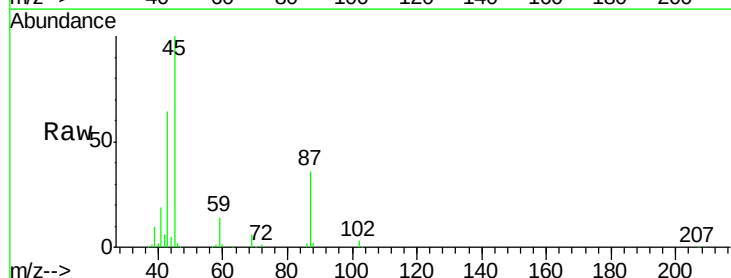
Ion Ratio Lower Upper

45 100

43 61.4 47.9 71.9

87 36.1 28.4 42.6

59 13.5 10.5 15.7

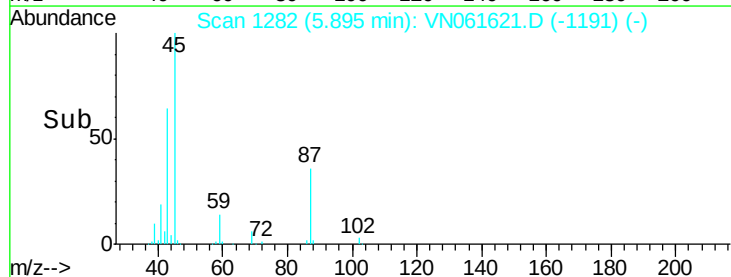
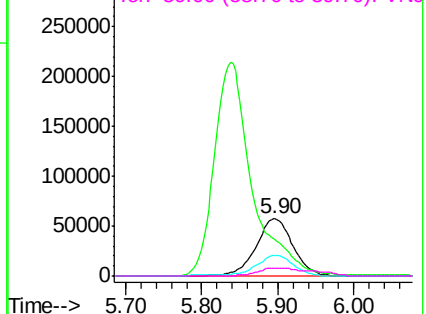


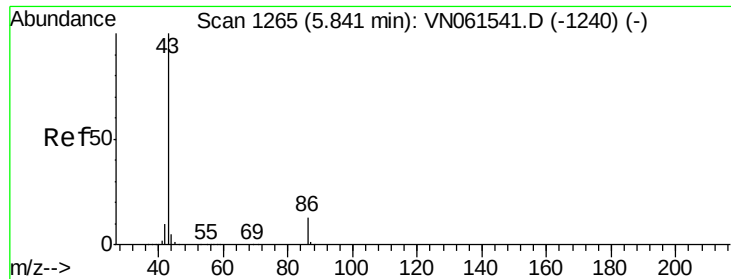
Abundance Ion 45.00 (44.70 to 45.70): VN061621.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061621.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061621.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061621.D (-1191) (-)





#23

Vinyl Acetate

Concen: 89.958 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Instrument :

MSVOA_N

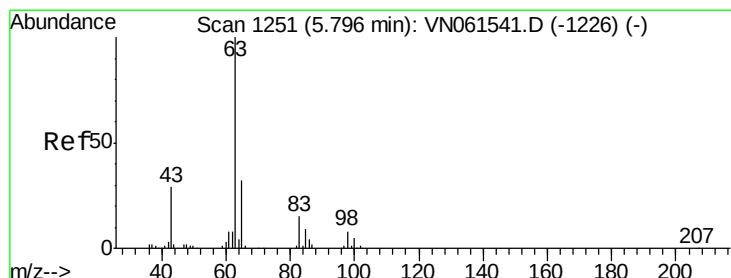
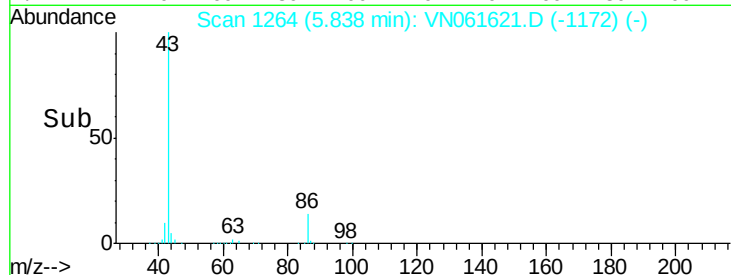
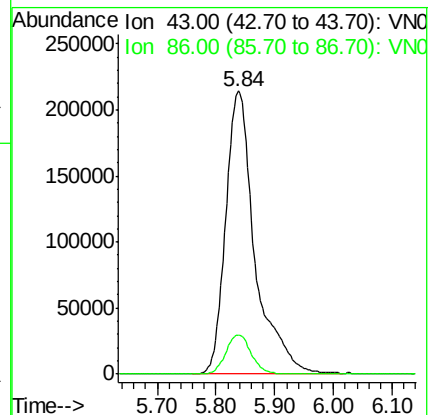
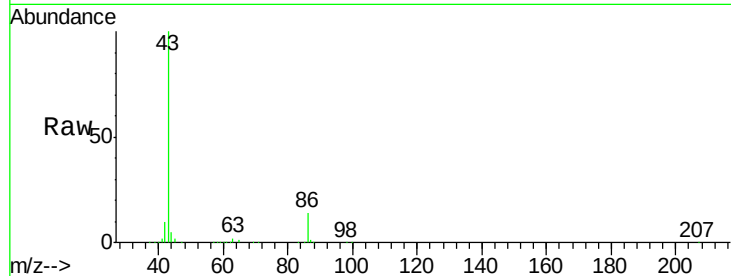
ClientSampleId :

Tot Ion: 43 Resp: 741692

Ion Ratio Lower Upper

43 100

86 13.7 10.6 16.0



#24

1,1-Dichloroethane

Concen: 19.017 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

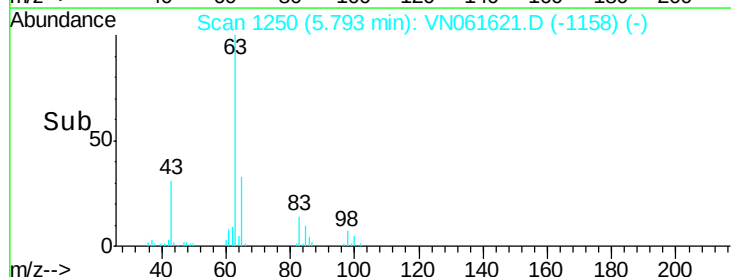
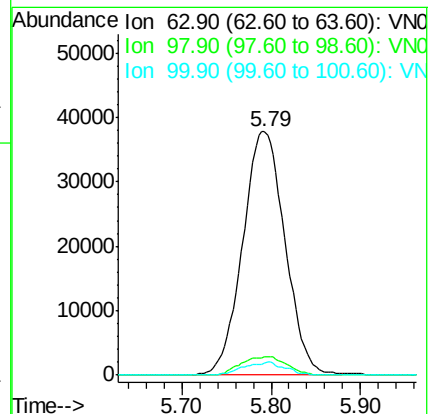
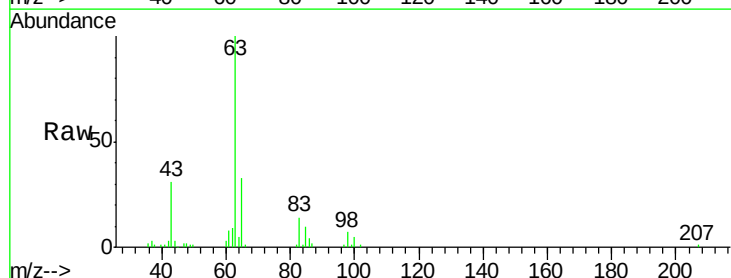
Tgt Ion: 63 Resp: 124748

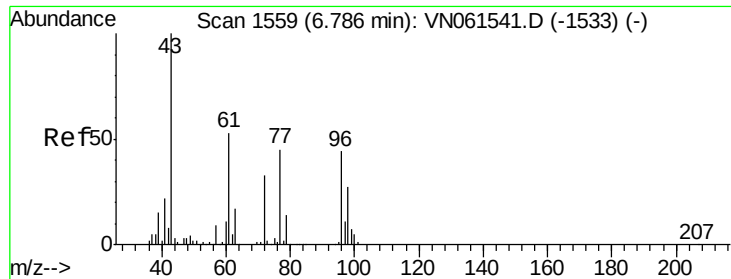
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.8 2.5 7.6

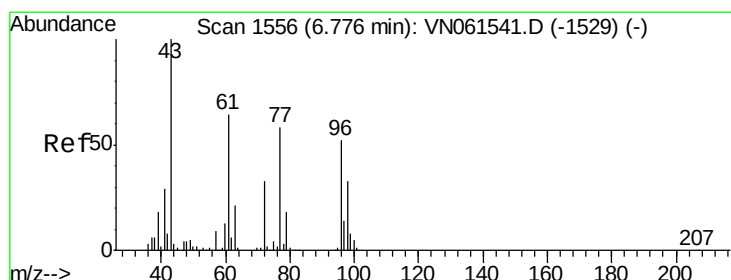
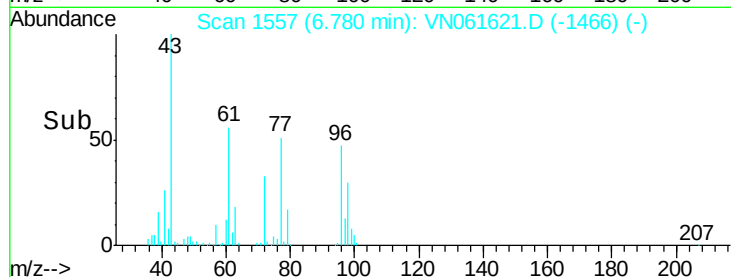
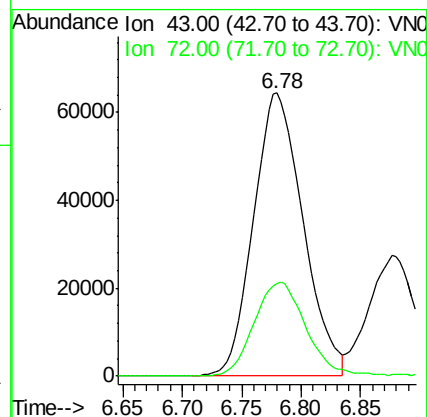
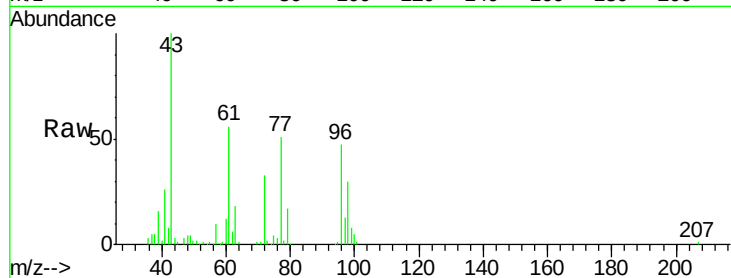




#25
2-Butanone
Concen: 93.831 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

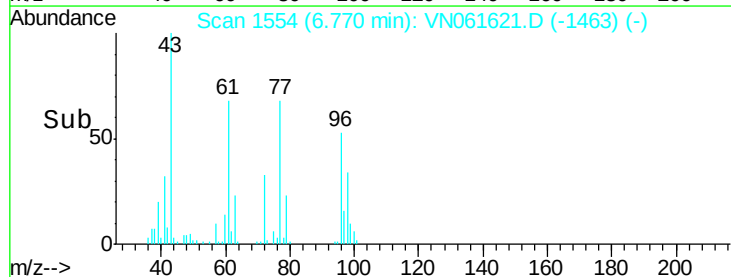
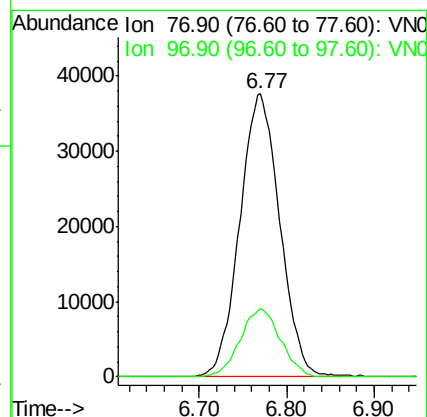
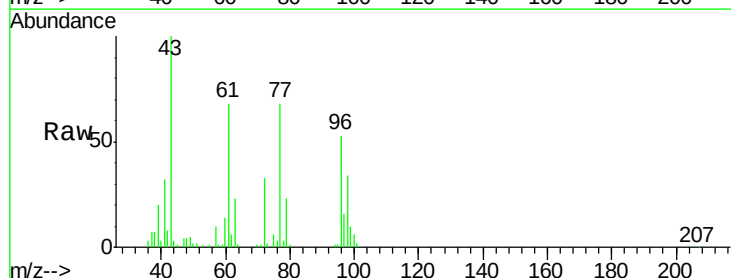
Instrument :
MSVOA_N
ClientSampled :

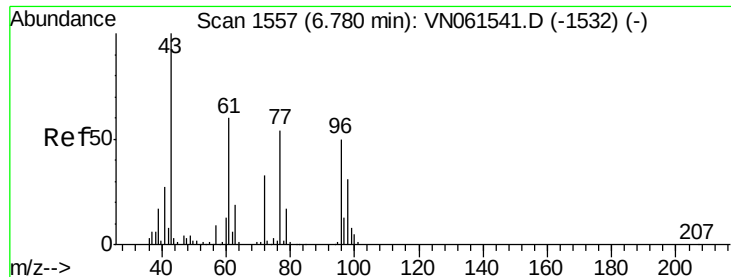
Tot Ion: 43 Resp: 186148
Ion Ratio Lower Upper
43 100
72 32.7 26.0 39.0



#26
2,2-Dichloropropane
Concen: 19.896 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

Tgt Ion: 77 Resp: 119456
Ion Ratio Lower Upper
77 100
97 24.2 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 19.828 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Instrument :
MSVOA_N
ClientSampled :

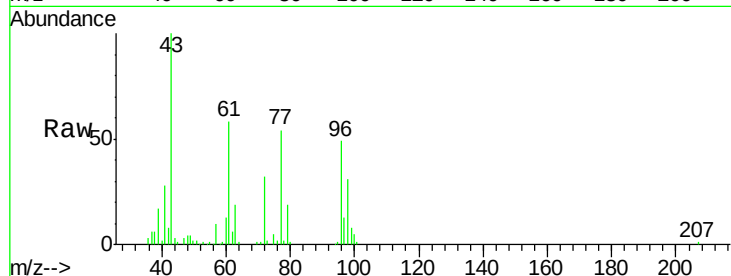
Tot Ion: 96 Resp: 90901

Ion Ratio Lower Upper

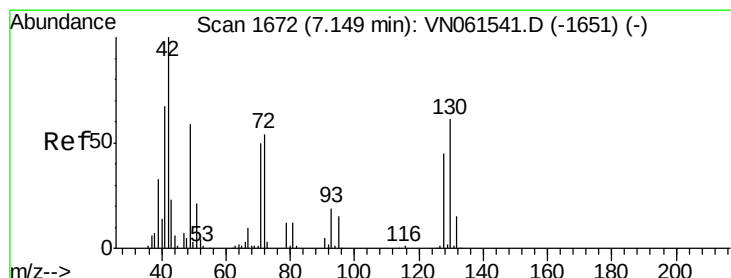
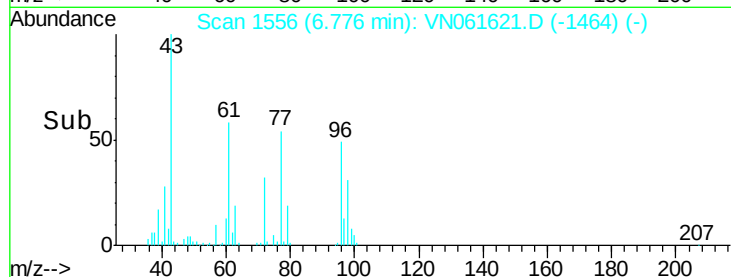
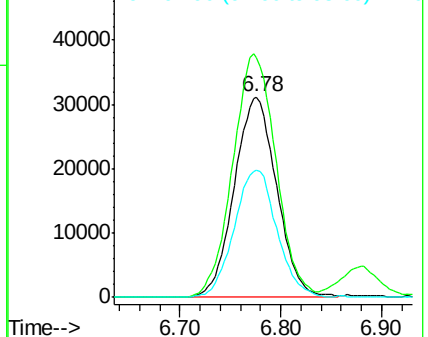
96 100

61 123.2 0.0 252.2

98 63.8 0.0 129.2



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



#28

Bromochloromethane

Concen: 15.180 ug/l

RT: 7.14 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

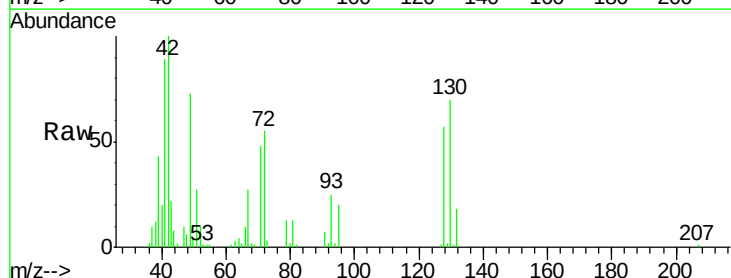
Tgt Ion: 49 Resp: 39776

Ion Ratio Lower Upper

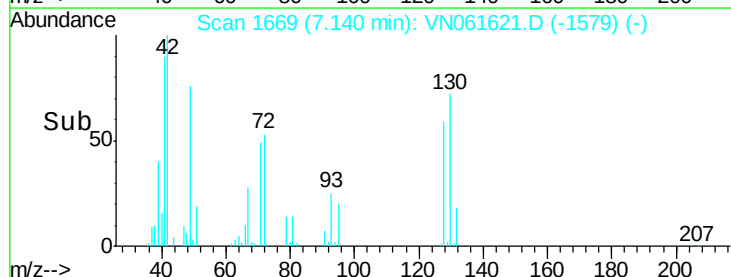
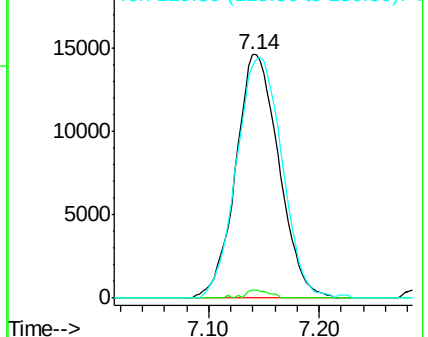
49 100

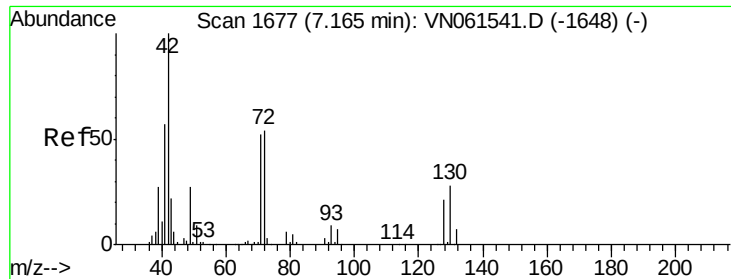
129 1.8 0.0 4.8

130 103.8 78.8 118.2



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

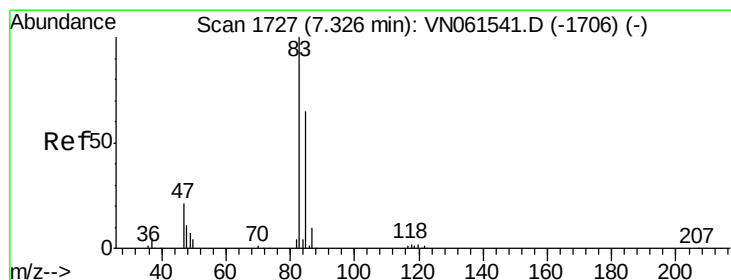
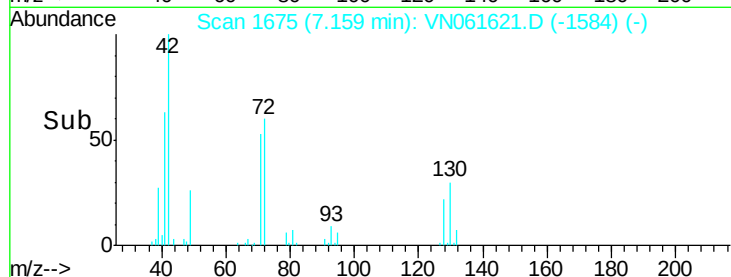
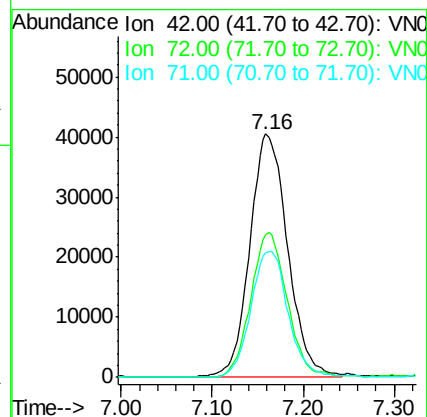
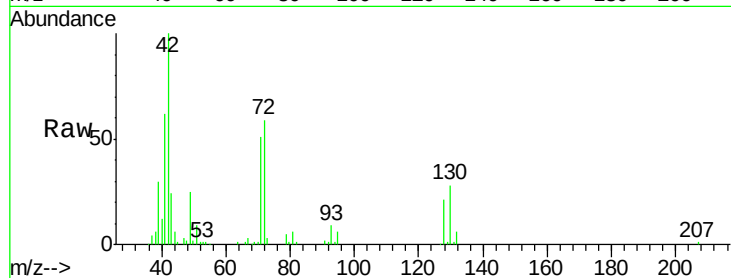




#29
Tetrahydrofuran
Concen: 89.715 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

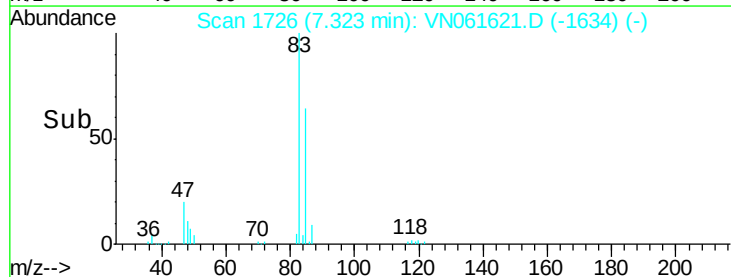
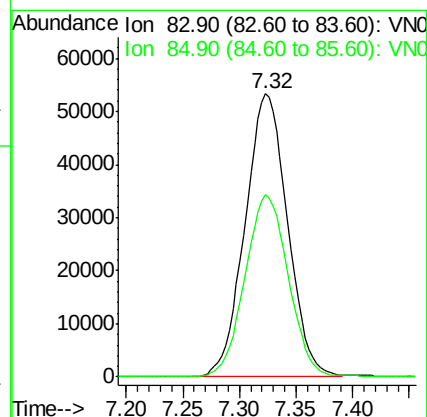
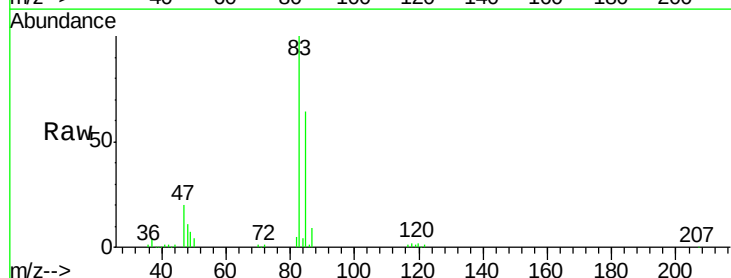
Instrument :
MSVOA_N
ClientSampled :

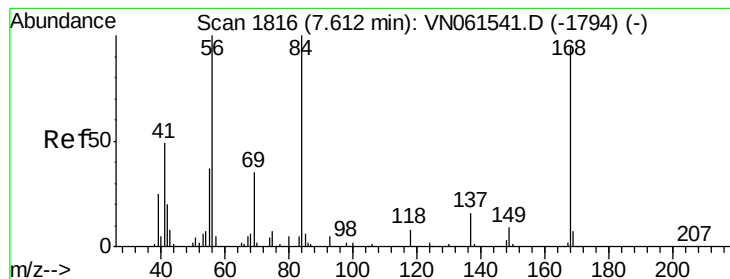
Tot Ion: 42 Resp: 117365
Ion Ratio Lower Upper
42 100
72 57.2 43.6 65.4
71 50.7 41.2 61.8



#30
Chloroform
Concen: 19.189 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

Tgt Ion: 83 Resp: 139255
Ion Ratio Lower Upper
83 100
85 64.2 51.7 77.5





#31

Cyclohexane

Concen: 18.334 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Instrument :
MSVOA_N
ClientSampled :

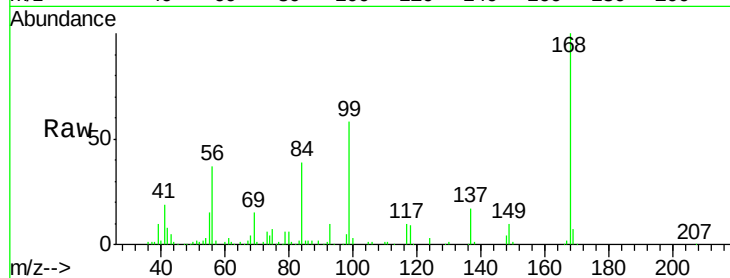
Tot Ion: 56 Resp: 108162

Ion Ratio Lower Upper

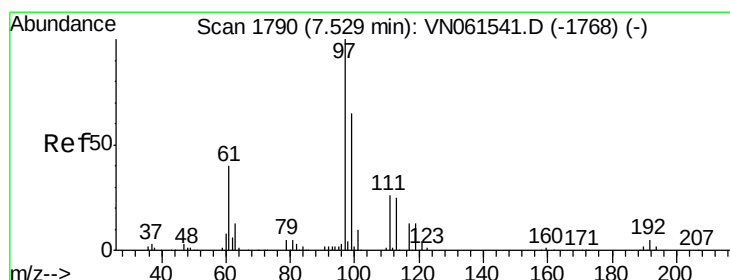
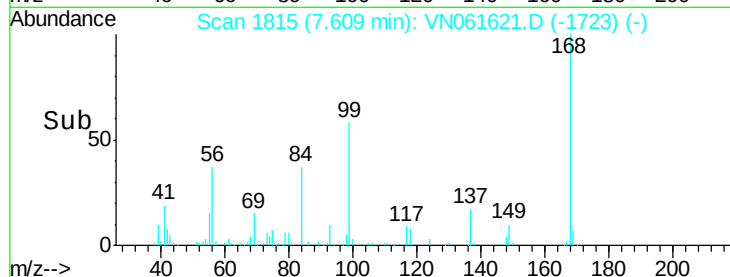
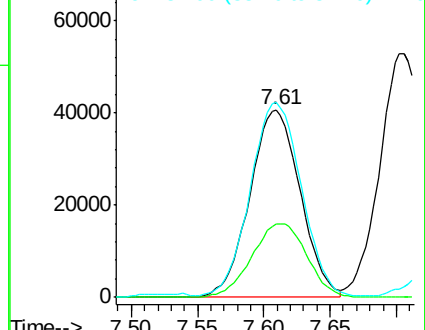
56 100

69 39.0 27.8 41.8

84 102.7 79.9 119.9



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



#32

1,1,1-Trichloroethane

Concen: 19.472 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

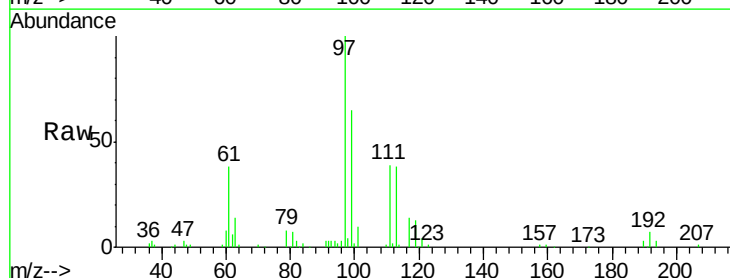
Tgt Ion: 97 Resp: 128761

Ion Ratio Lower Upper

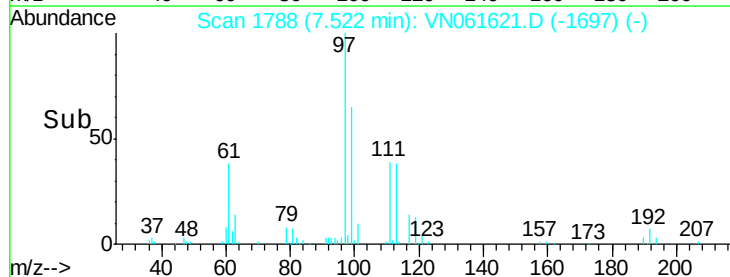
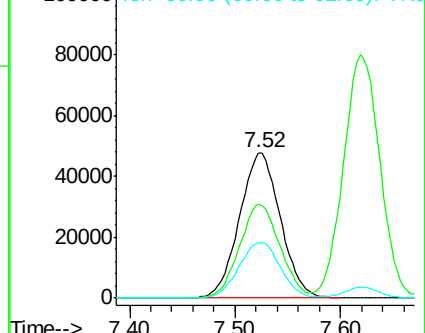
97 100

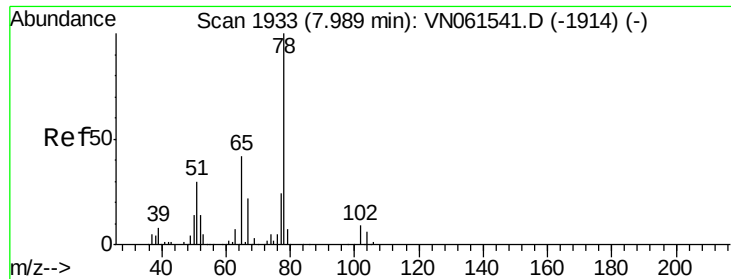
99 63.9 51.4 77.0

61 38.9 31.4 47.0



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

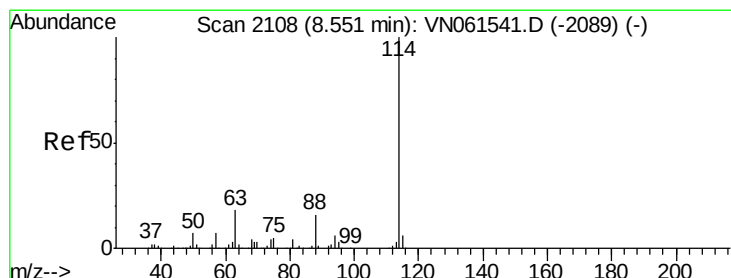
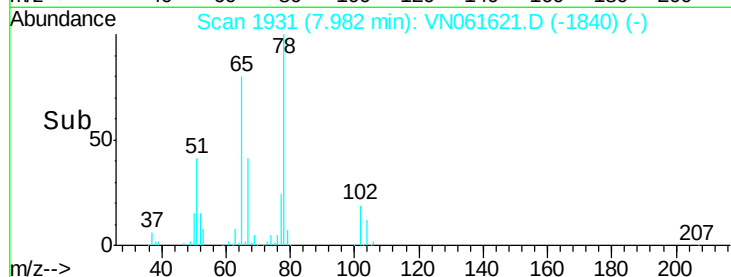
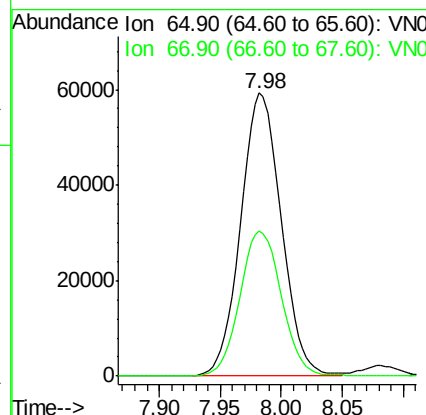
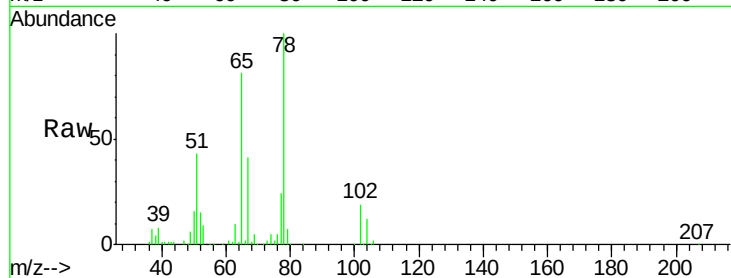




#33
 1,2-Dichloroethane-d4
 Concen: 32.627 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN061621.D
 Acq: 2 Jun 2020 16:02

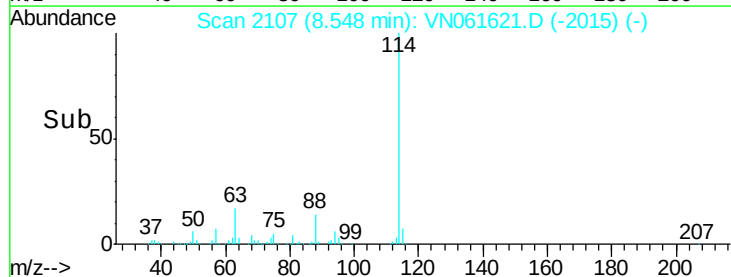
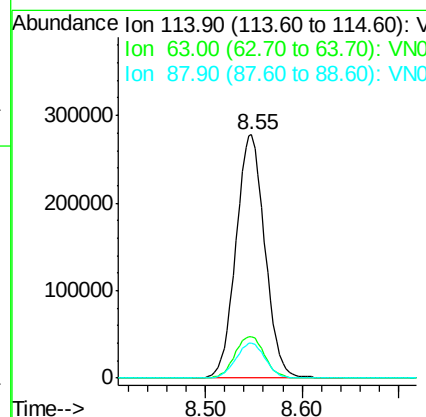
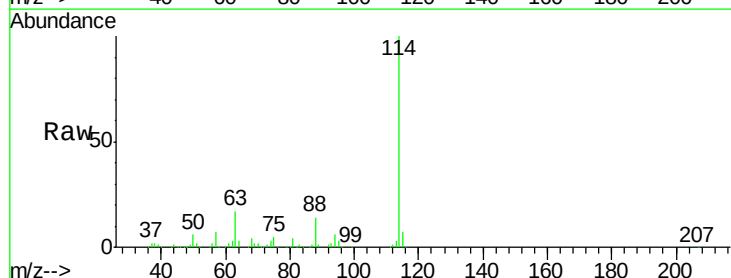
Instrument :
 MSVOA_N
 ClientSampleId :

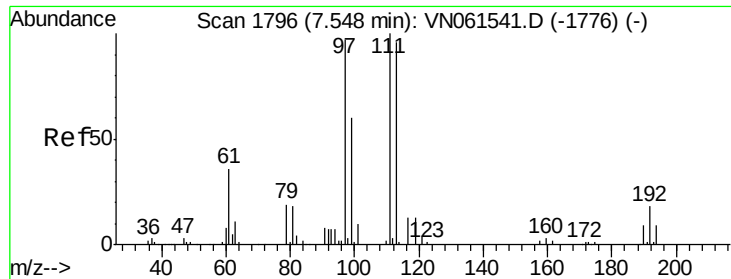
Tot Ion: 65 Resp: 136577
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061621.D
 Acq: 2 Jun 2020 16:02

Tgt Ion: 114 Resp: 576616
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 35.8
 88 14.4 0.0 31.0

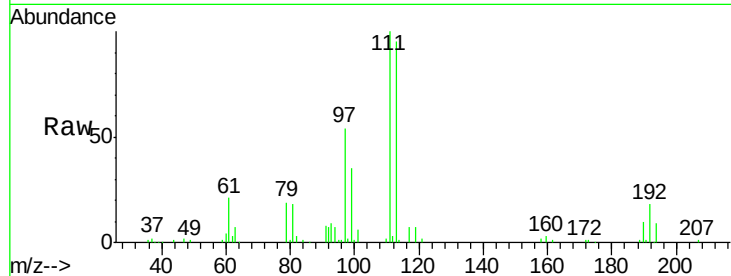




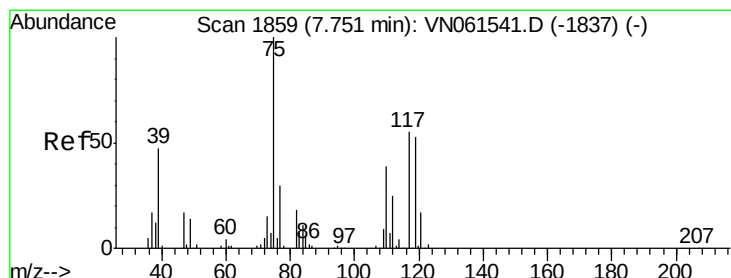
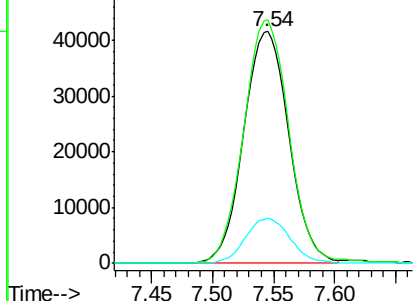
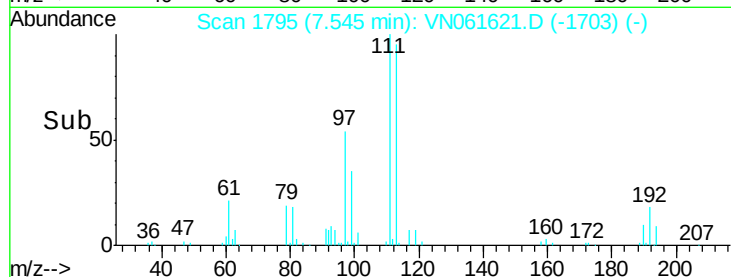
#35
 Dibromofluoromethane
 Concen: 36.516 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061621.D
 Acq: 2 Jun 2020 16:02

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 106811
 Ion Ratio Lower Upper
 113 100
 111 105.1 83.4 125.0
 192 19.2 15.4 23.2

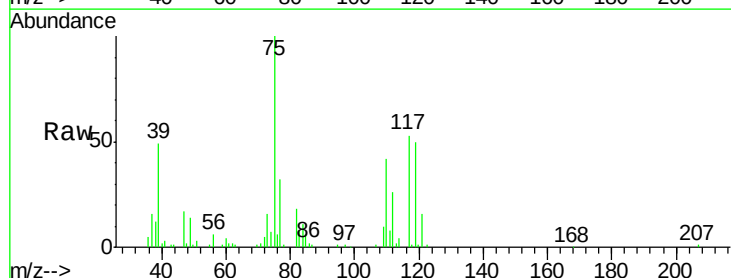


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

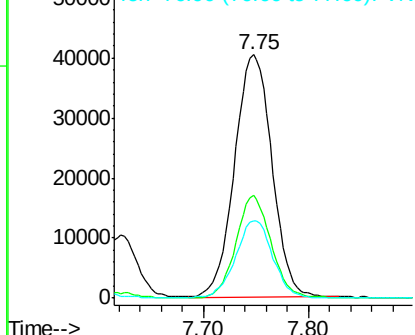
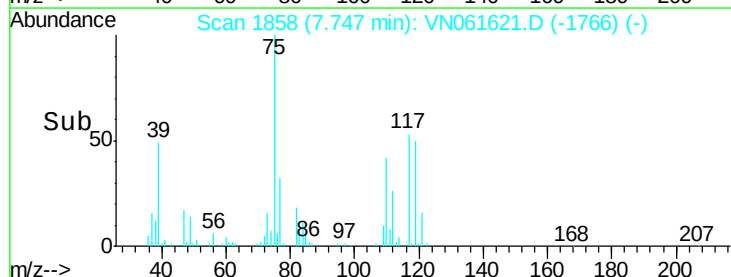


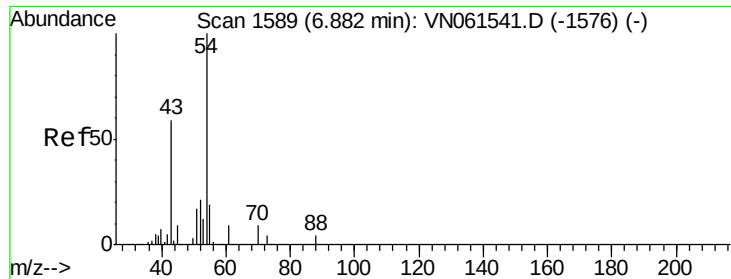
#36
 1,1-Dichloropropene
 Concen: 19.536 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061621.D
 Acq: 2 Jun 2020 16:02

Tgt Ion: 75 Resp: 99725
 Ion Ratio Lower Upper
 75 100
 110 39.5 19.5 58.5
 77 31.7 24.7 37.1



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

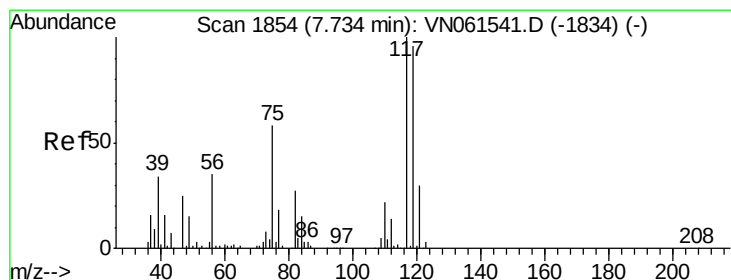
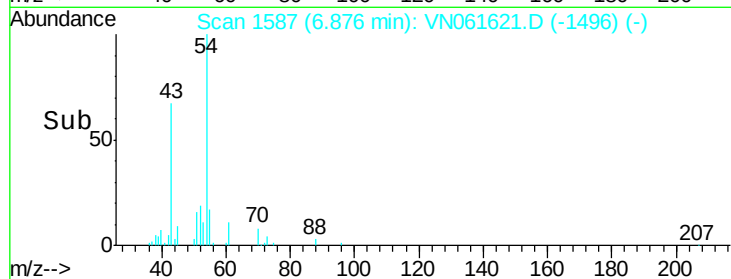
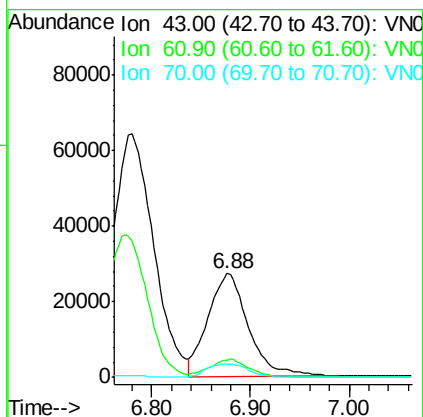
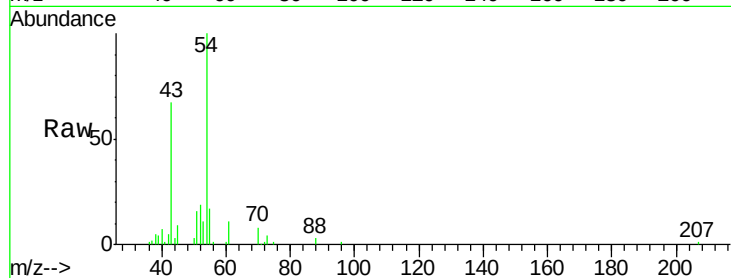




#37
Ethyl Acetate
Concen: 18.816 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

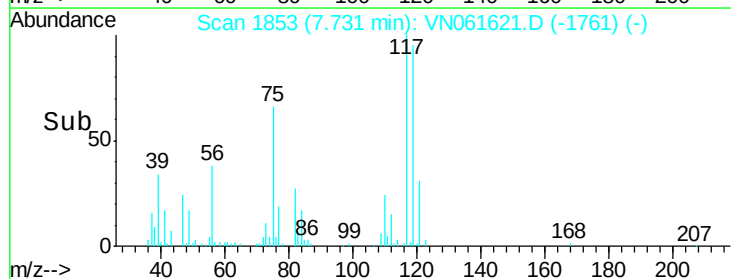
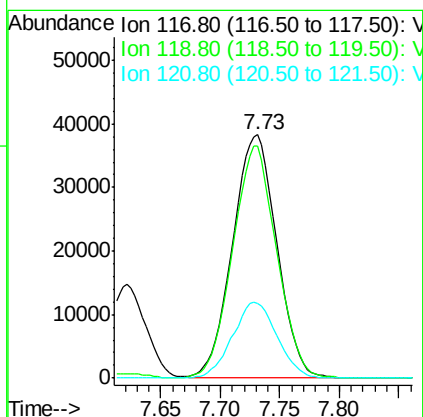
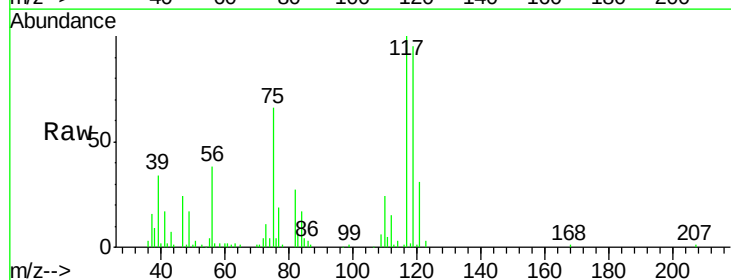
Instrument :
MSVOA_N
ClientSampled :

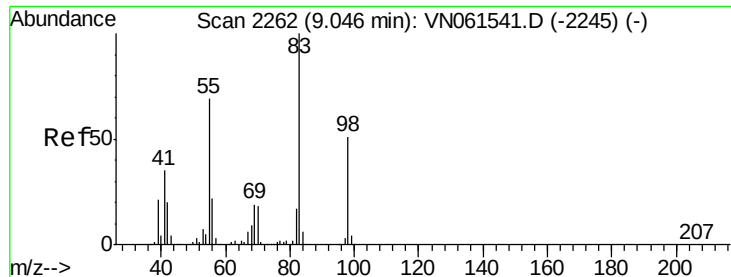
Tot Ion: 43 Resp: 77361
Ion Ratio Lower Upper
43 100
61 17.7 12.2 18.4
70 13.6 9.4 14.2



#38
Carbon Tetrachloride
Concen: 20.042 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

Tgt Ion: 117 Resp: 98680
Ion Ratio Lower Upper
117 100
119 95.3 76.5 114.7
121 30.8 24.1 36.1

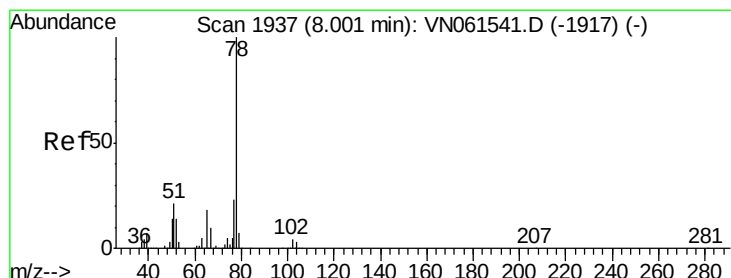
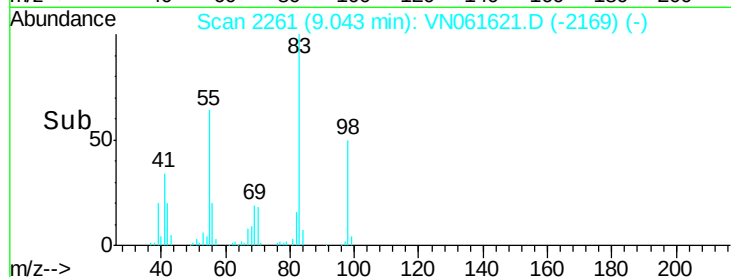
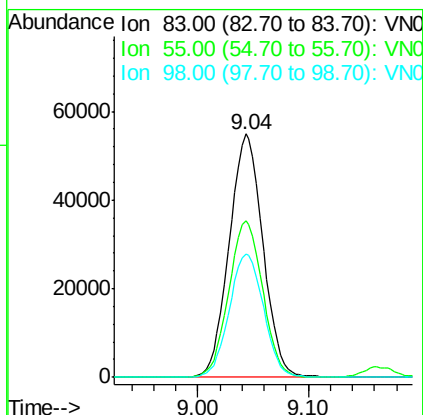
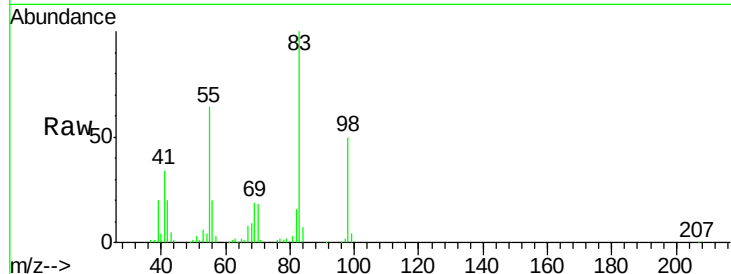




#39
Methylvlcyclohexane
Concen: 18.487 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

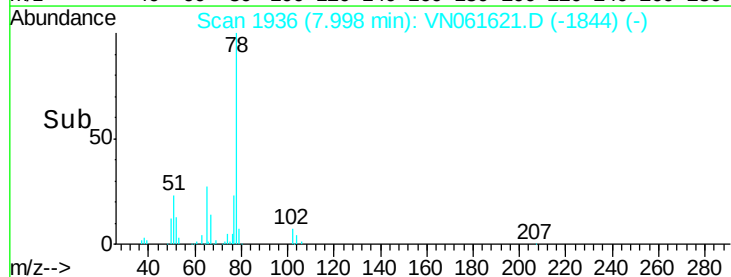
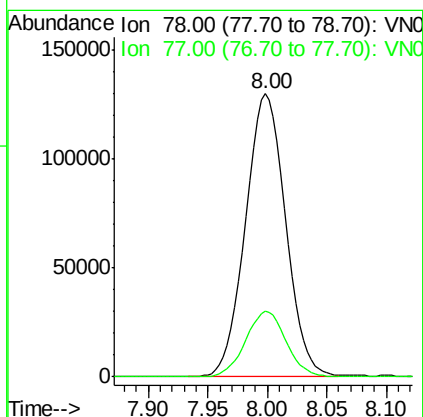
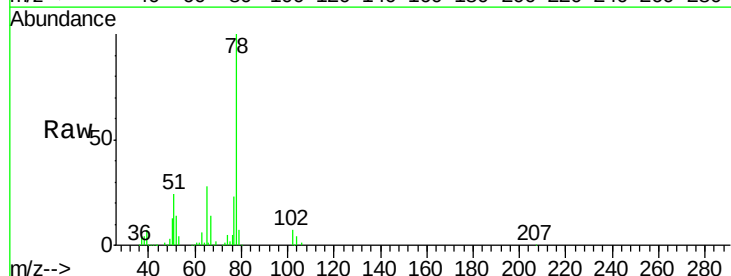
Instrument :
MSVOA_N
ClientSampled :

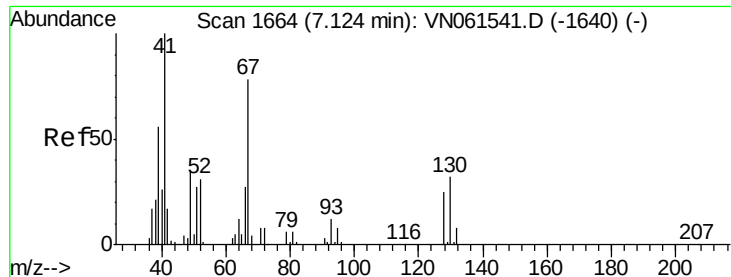
Tot Ion: 83 Resp: 116316
Ion Ratio Lower Upper
83 100
55 64.5 54.9 82.3
98 50.5 41.0 61.4



#40
Benzene
Concen: 19.276 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

Tgt Ion: 78 Resp: 303588
Ion Ratio Lower Upper
78 100
77 23.0 18.6 28.0

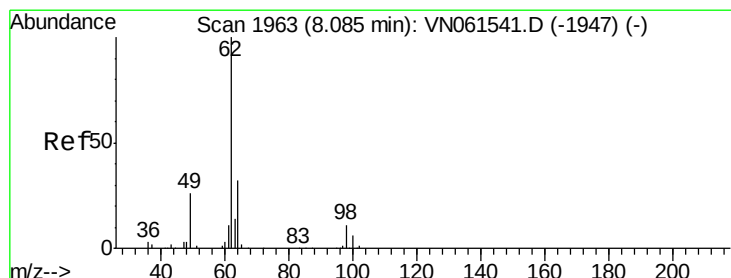
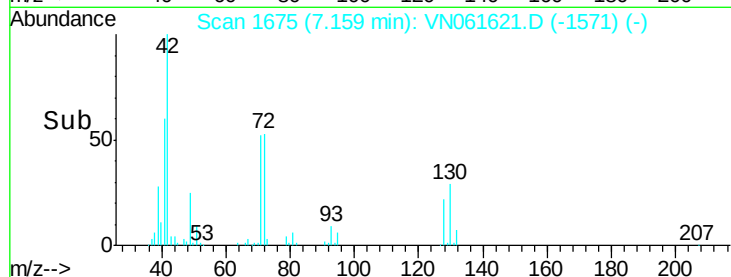
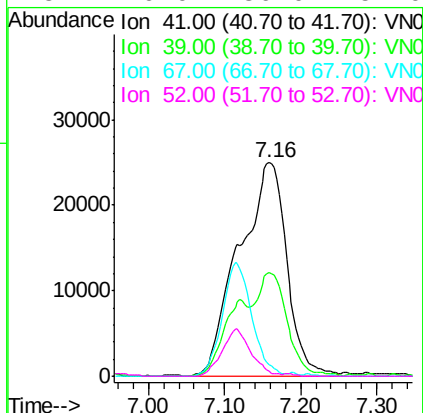
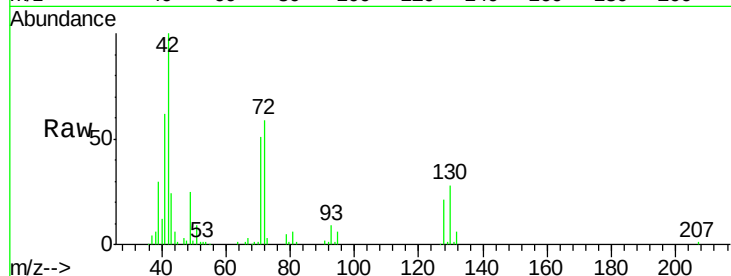




#41
Methacrylonitrile
Concen: 57.935 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. 0.04 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

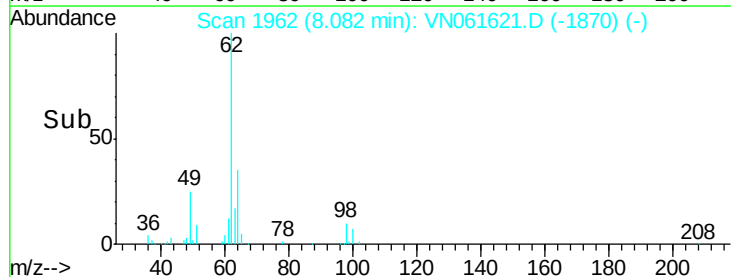
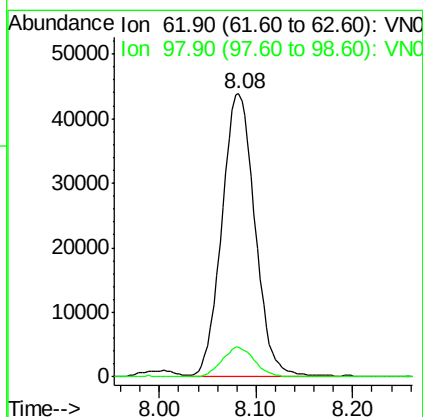
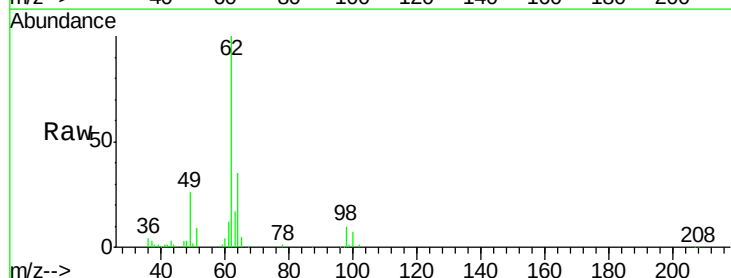
Instrument :
MSVOA_N
ClientSampleId :

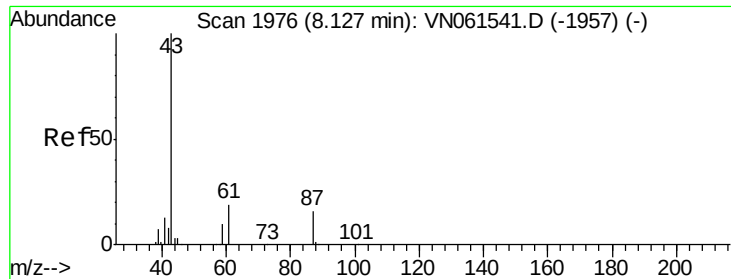
Tot Ion: 41 Resp: 109131
Ion Ratio Lower Upper
41 100
39 27.2 53.8 80.6#
67 0.0 91.1 136.7#
52 0.0 36.0 54.0#



#42
1,2-Dichloroethane
Concen: 19.839 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

Tgt Ion: 62 Resp: 104608
Ion Ratio Lower Upper
62 100
98 10.2 0.0 21.4





#43

Isopropyl Acetate

Concen: 18.484 ug/l

RT: 8.12 min Scan# 1974

Delta R.T. -0.01 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Instrument :

MSVOA_N

ClientSampleId :

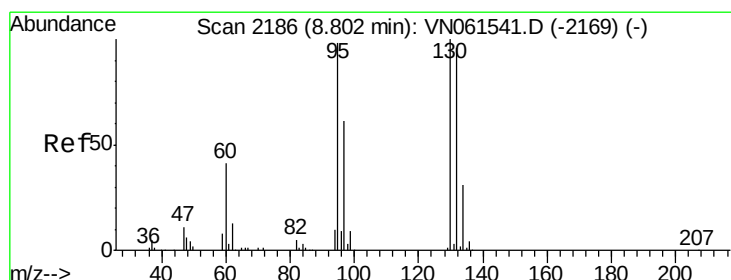
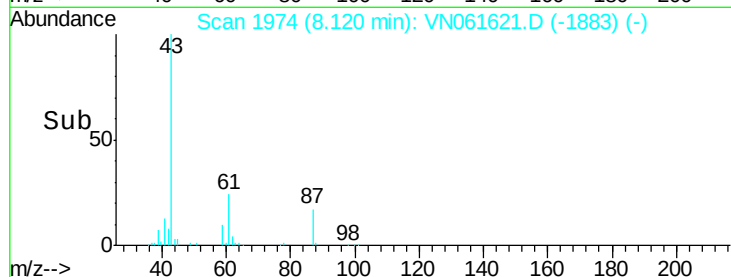
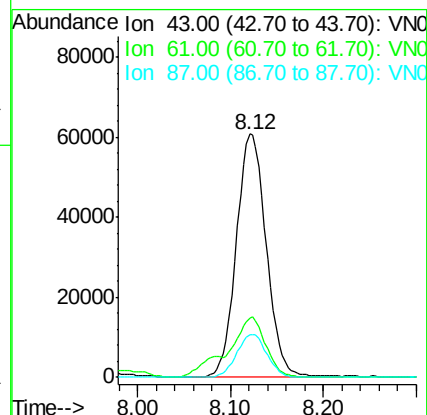
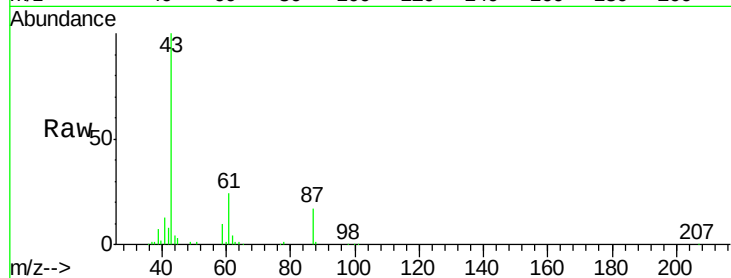
Tot Ion: 43 Resp: 136725

Ion Ratio Lower Upper

43 100

61 24.3 23.6 35.4

87 17.5 13.0 19.6



#44

Trichloroethene

Concen: 20.043 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061621.D

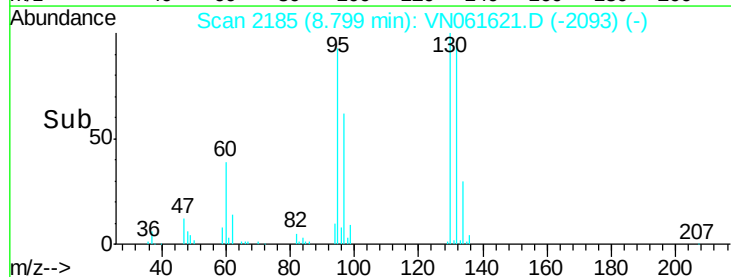
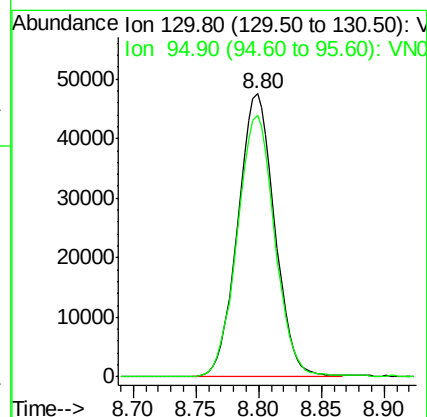
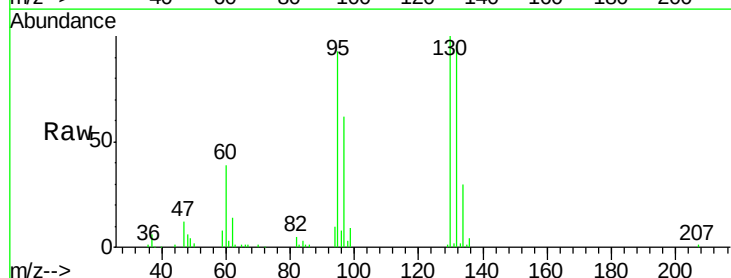
Acq: 2 Jun 2020 16:02

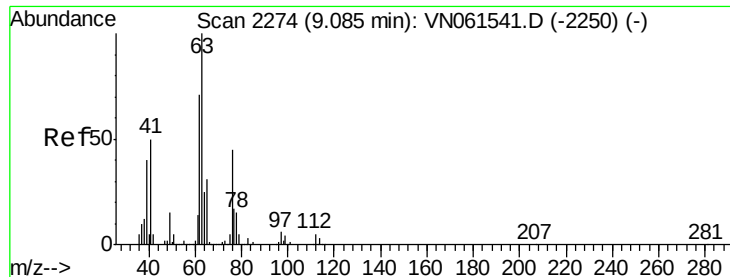
Tgt Ion:130 Resp: 97015

Ion Ratio Lower Upper

130 100

95 92.5 0.0 196.6





#45

1,2-Dichloropropane

Concen: 19.188 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Instrument :

MSVOA_N

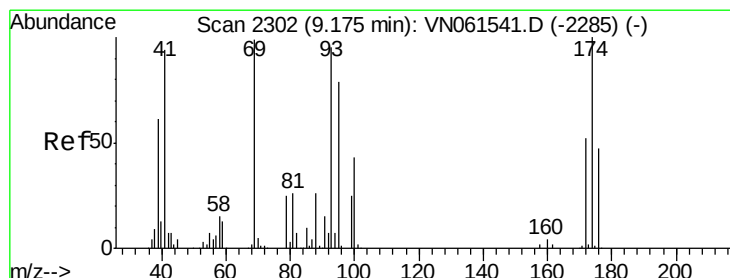
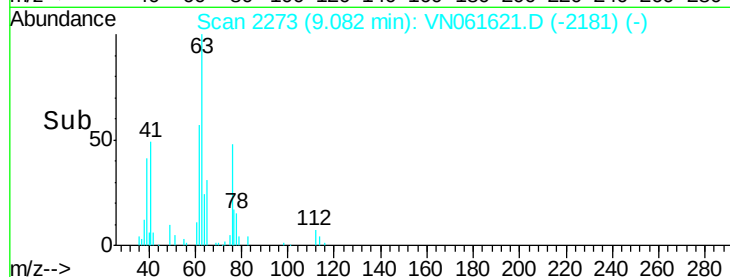
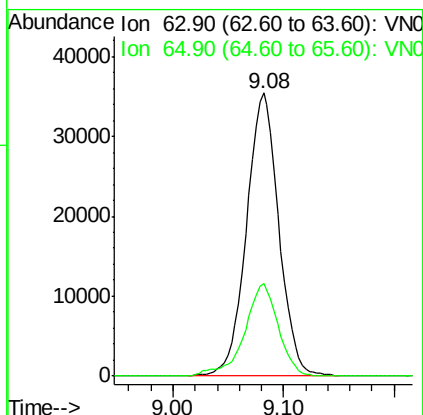
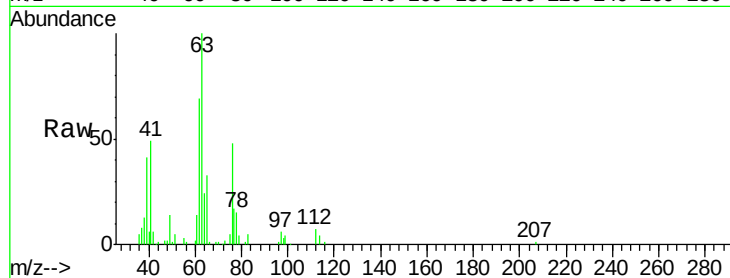
ClientSampleId :

Tot Ion: 63 Resp: 71761

Ion Ratio Lower Upper

63 100

65 32.6 24.7 37.1



#46

Dibromomethane

Concen: 19.282 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

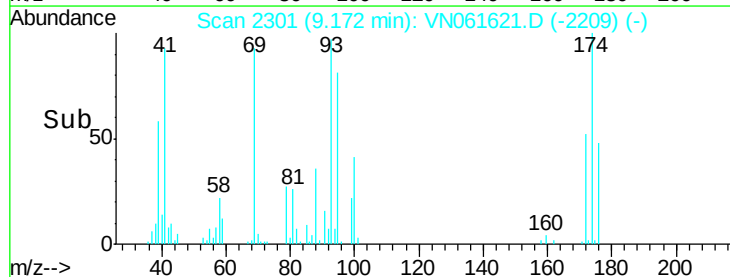
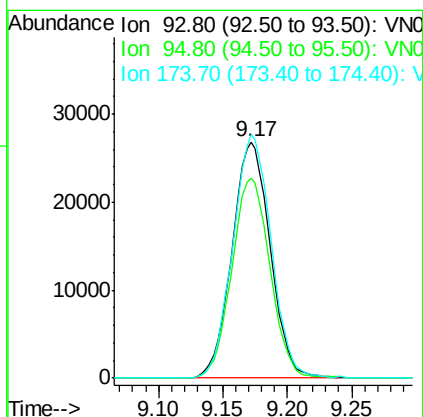
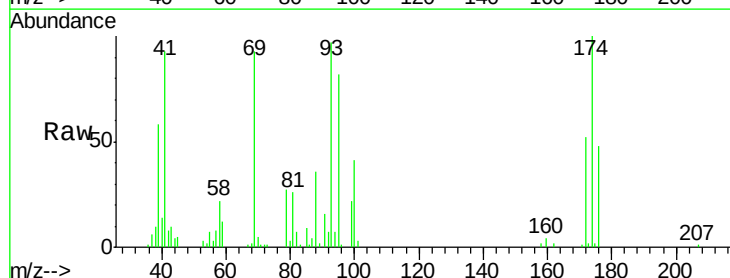
Tgt Ion: 93 Resp: 55307

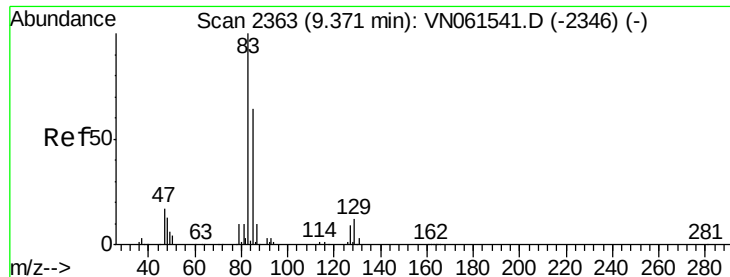
Ion Ratio Lower Upper

93 100

95 84.6 66.0 99.0

174 103.3 82.5 123.7





#47

Bromodichloromethane

Concen: 19.667 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Instrument :

MSVOA_N

ClientSampleId :

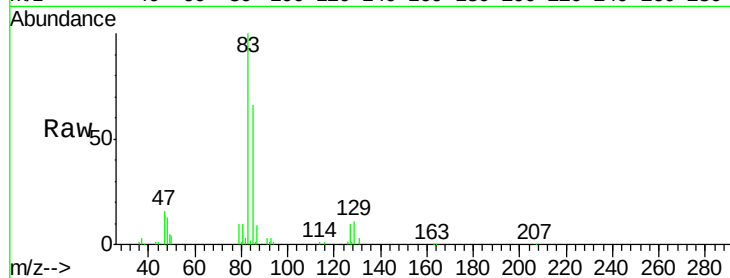
Tot Ion: 83 Resp: 111760

Ion Ratio Lower Upper

83 100

85 65.6 51.1 76.7

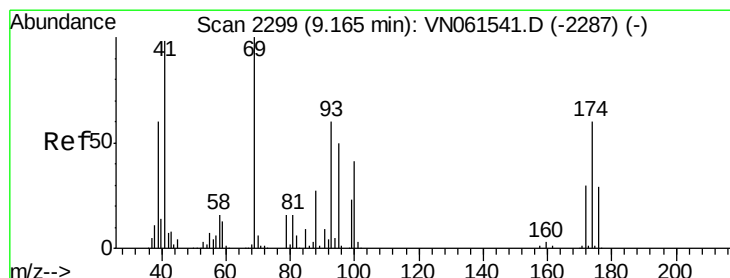
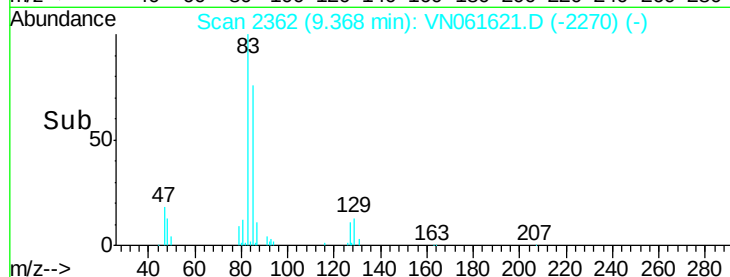
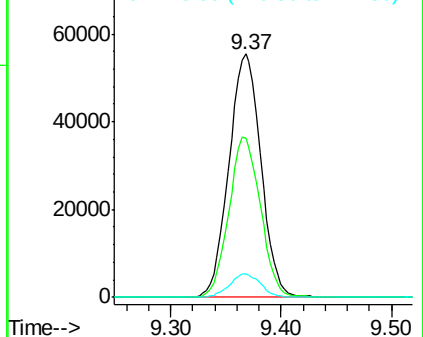
127 9.6 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061621.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061621.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061621.D (-2270) (-)



#48

Methyl methacrylate

Concen: 17.722 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

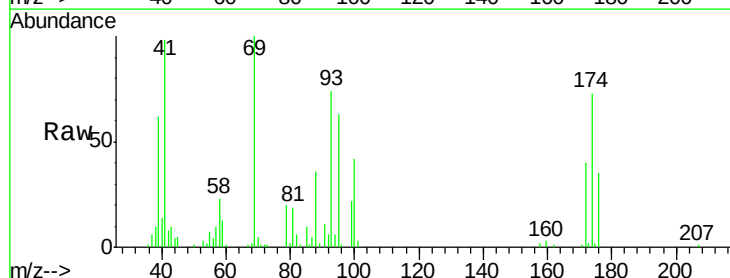
Tgt Ion: 41 Resp: 58979

Ion Ratio Lower Upper

41 100

69 107.1 83.9 125.9

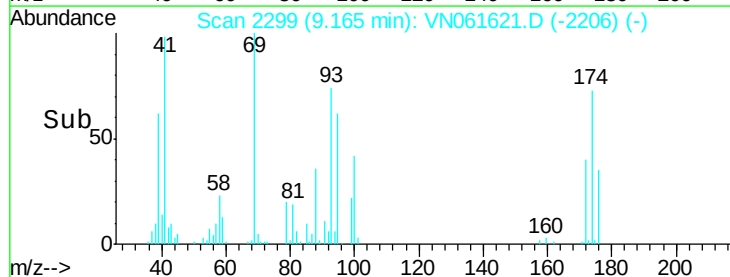
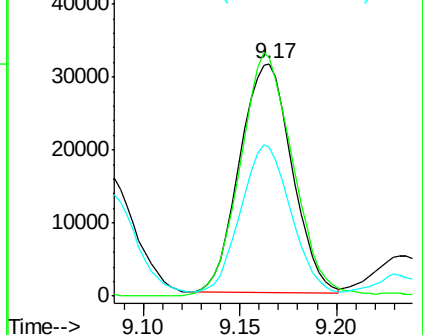
39 64.1 52.1 78.1

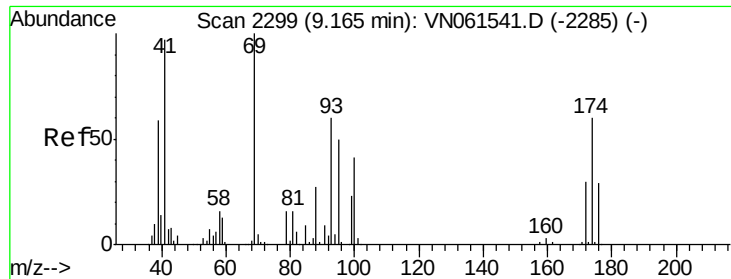


Abundance Ion 41.00 (40.70 to 41.70): VN061621.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061621.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061621.D (-2206) (-)

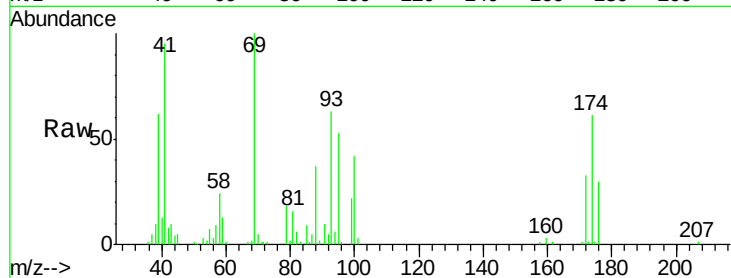




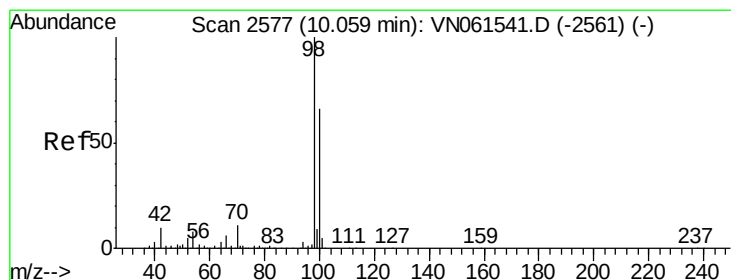
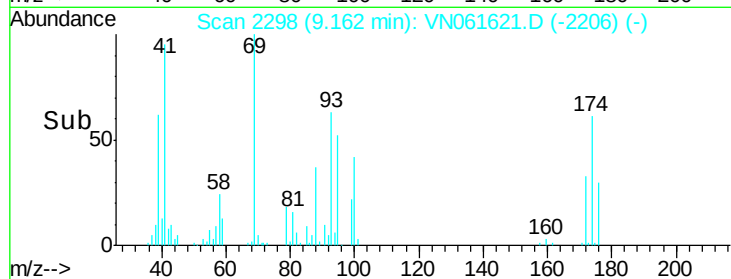
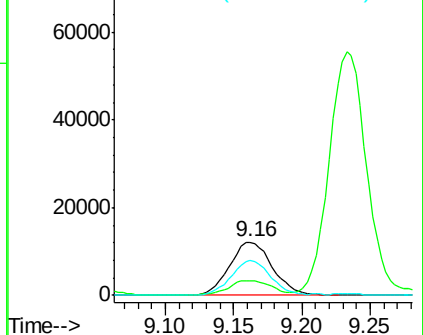
#49
 1,4-Dioxane
 Concen: 512.806 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN061621.D
 Acq: 2 Jun 2020 16:02

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 26438
 Ion Ratio Lower Upper
 88 100
 43 28.0 23.1 34.7
 58 59.9 48.3 72.5

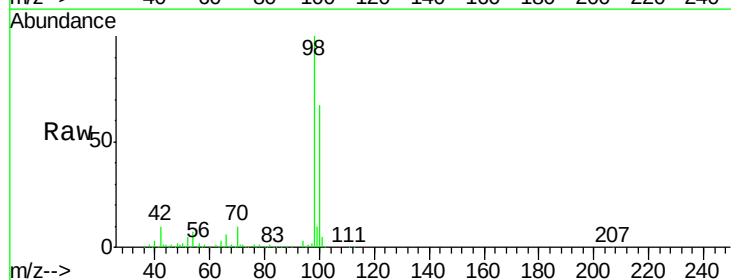


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

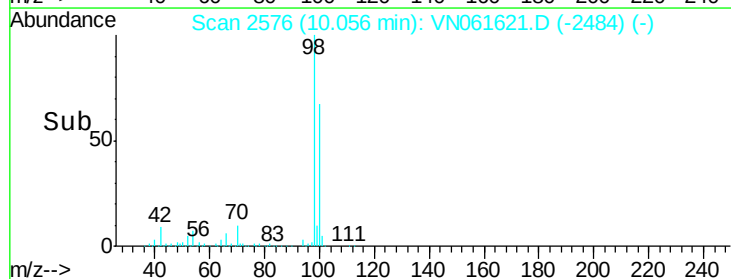
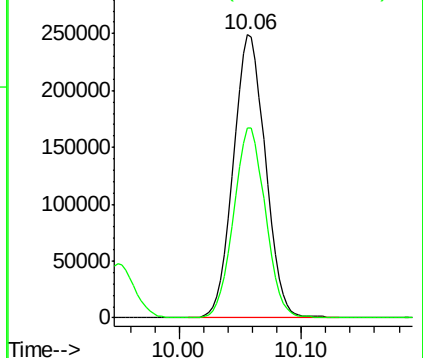


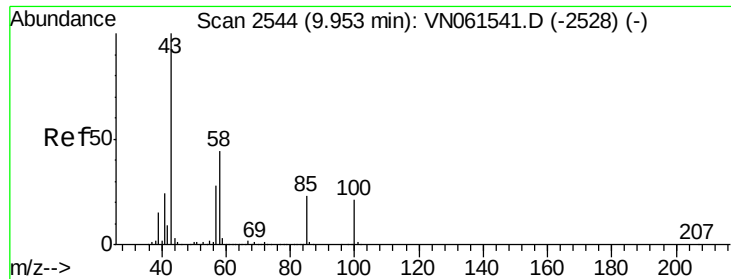
#50
 Toluene-d8
 Concen: 33.466 ug/l
 RT: 10.06 min Scan# 2576
 Delta R.T. -0.00 min
 Lab File: VN061621.D
 Acq: 2 Jun 2020 16:02

Tgt Ion: 98 Resp: 453642
 Ion Ratio Lower Upper
 98 100
 100 66.2 52.8 79.2



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

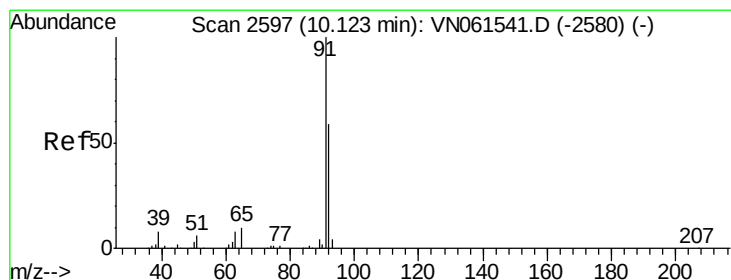
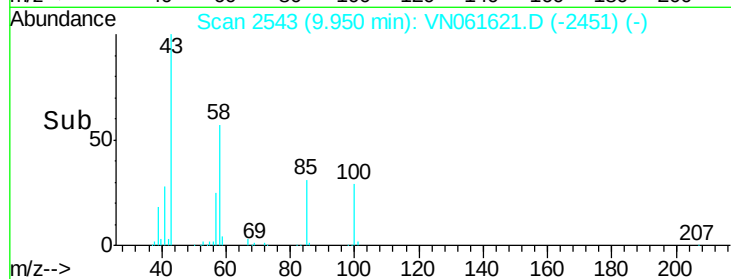
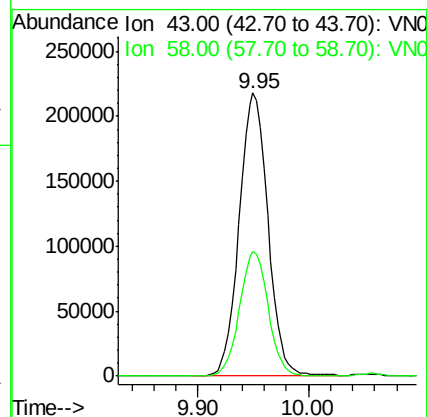
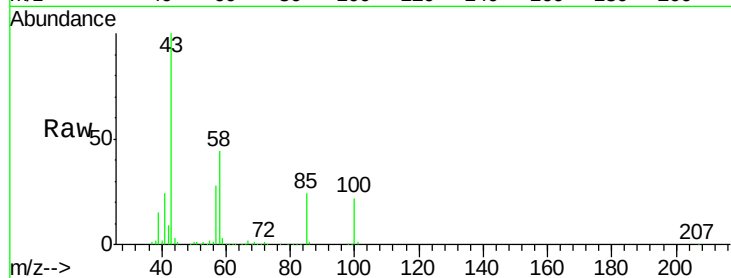




#51
4-Methyl-2-Pentanone
Concen: 94.262 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

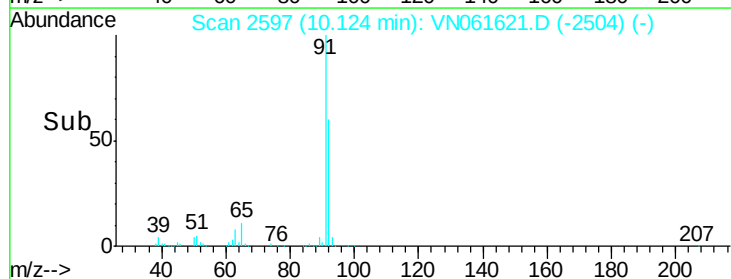
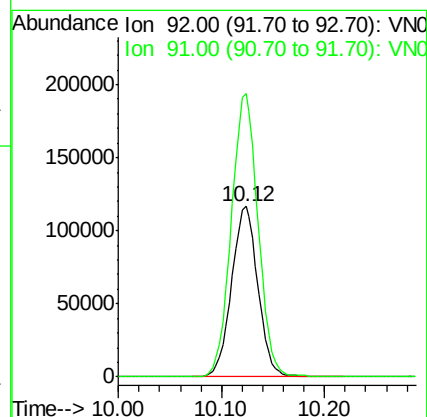
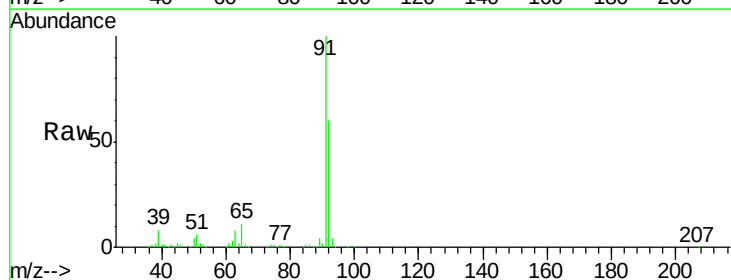
Instrument :
MSVOA_N
ClientSampled :

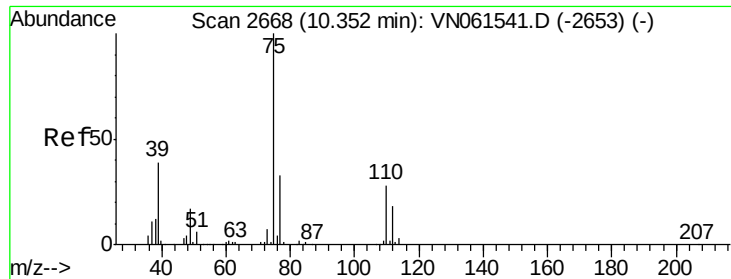
Tot Ion: 43 Resp: 392913
Ion Ratio Lower Upper
43 100
58 44.0 35.0 52.6



#52
Toluene
Concen: 20.192 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

Tgt Ion: 92 Resp: 207569
Ion Ratio Lower Upper
92 100
91 168.9 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 19.491 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Instrument :

MSVOA_N

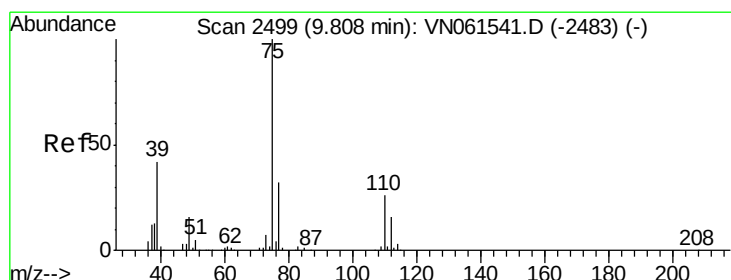
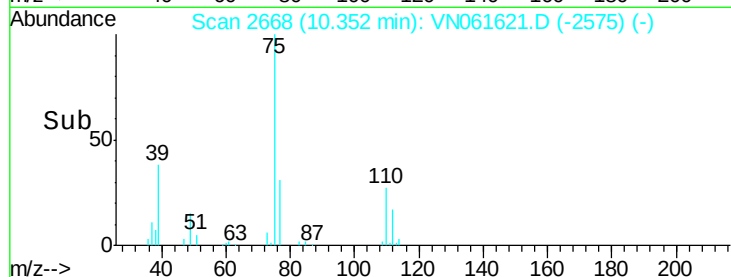
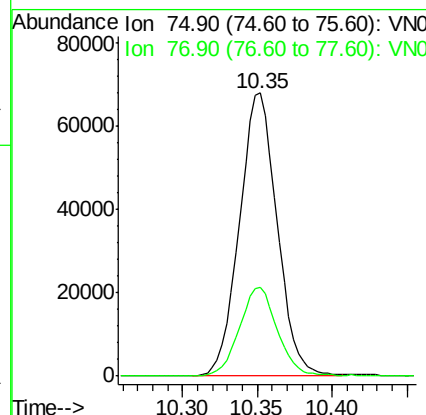
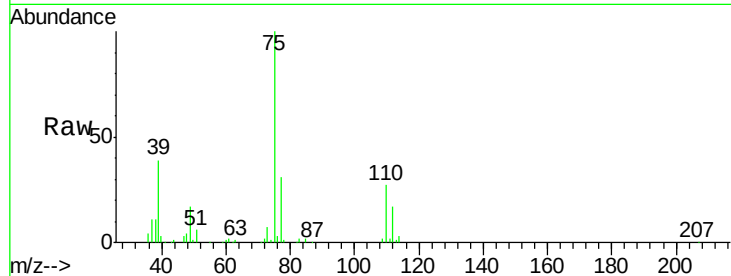
ClientSampled :

Tot Ion: 75 Resp: 119319

Ion Ratio Lower Upper

75 100

77 31.3 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 19.530 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

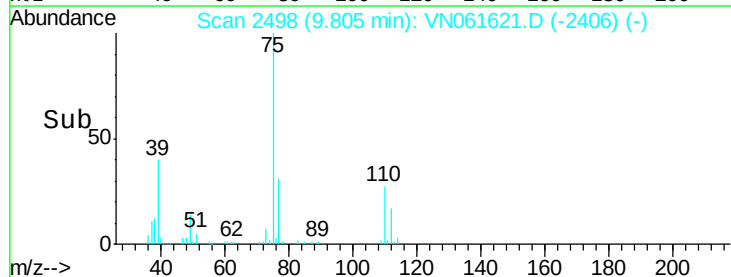
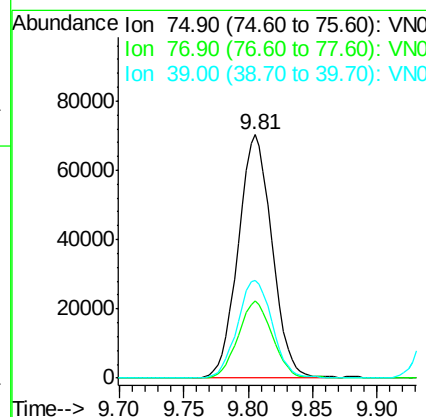
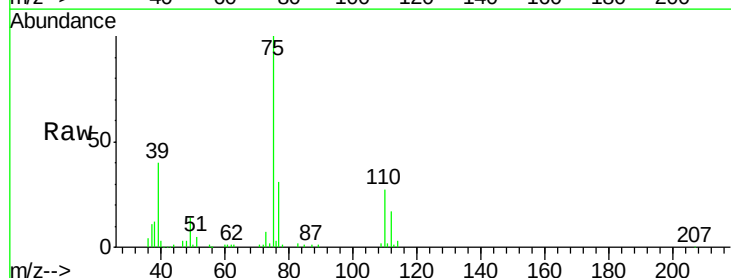
Tgt Ion: 75 Resp: 128553

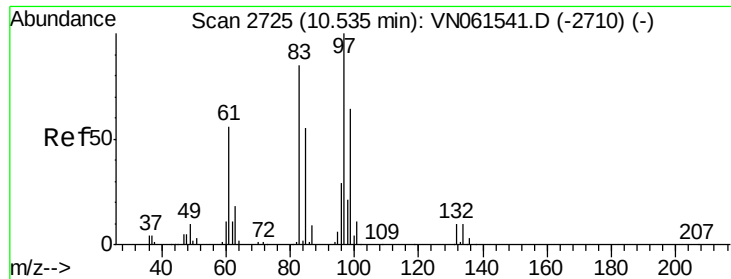
Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2

39 40.3 33.8 50.6

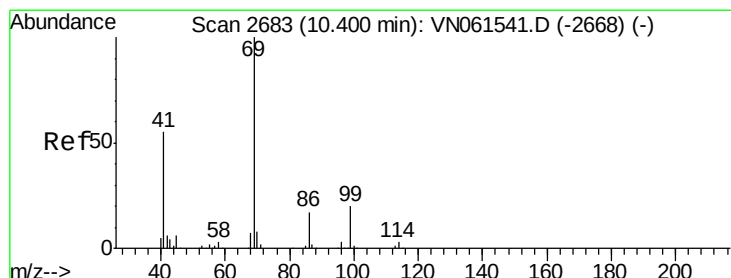
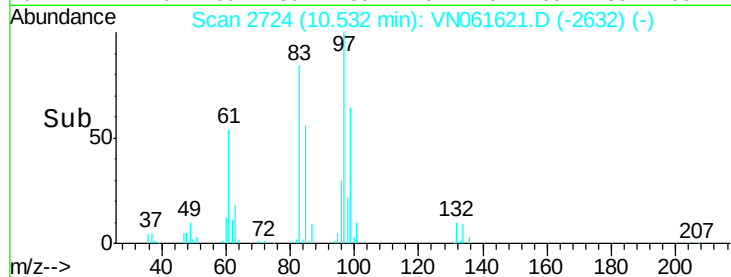
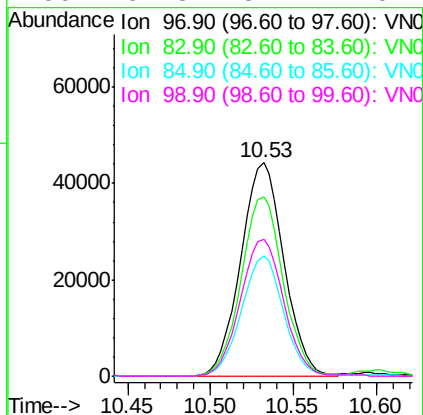
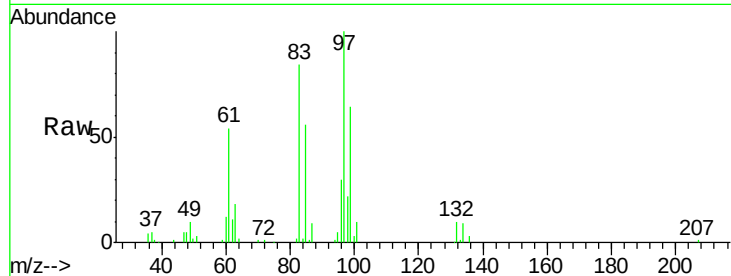




#55
 1,1,2-Trichloroethane
 Concen: 19.601 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061621.D
 Acq: 2 Jun 2020 16:02

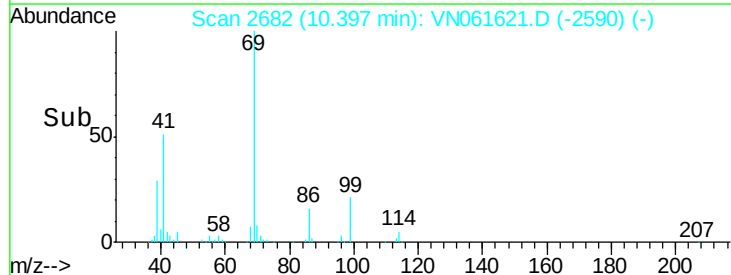
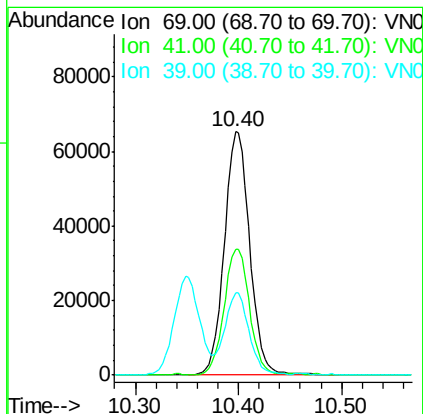
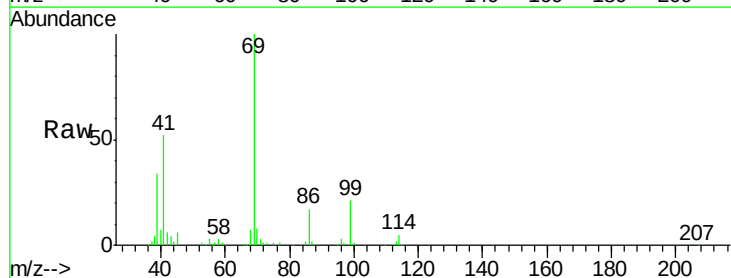
Instrument :
 MSVOA_N
 ClientSampled :

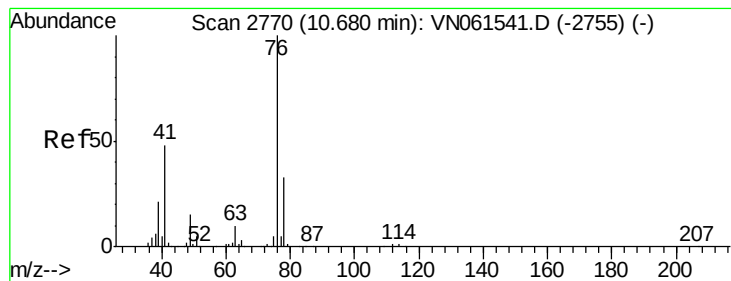
Tot Ion: 97 Resp: 80275
 Ion Ratio Lower Upper
 97 100
 83 84.2 68.1 102.1
 85 56.5 44.1 66.1
 99 64.3 51.1 76.7



#56
 Ethyl methacrylate
 Concen: 19.549 ug/l
 RT: 10.40 min Scan# 2682
 Delta R.T. -0.00 min
 Lab File: VN061621.D
 Acq: 2 Jun 2020 16:02

Tgt Ion: 69 Resp: 111839
 Ion Ratio Lower Upper
 69 100
 41 52.4 43.5 65.3
 39 32.3 27.0 40.6





#57

1,3-Dichloropropane

Concen: 19.582 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Instrument :

MSVOA_N

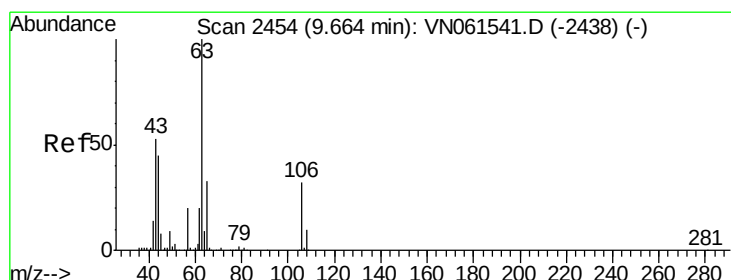
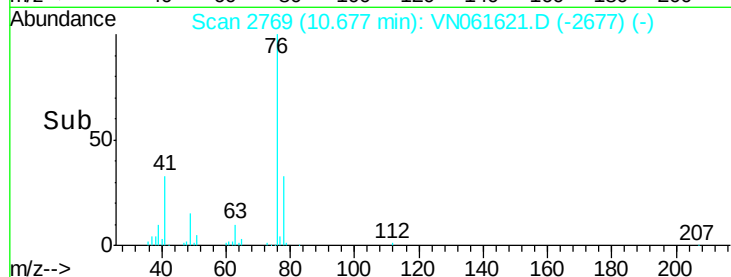
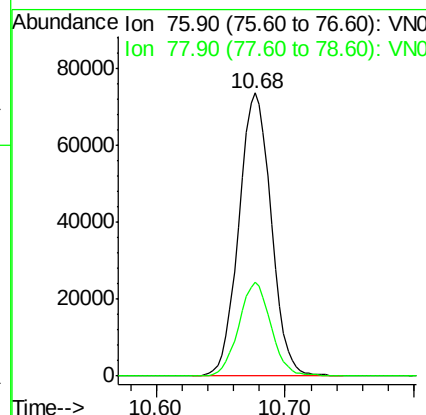
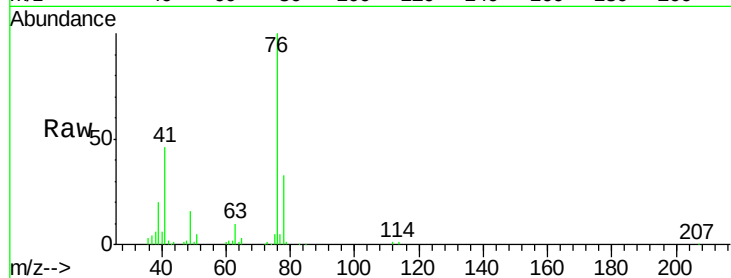
ClientSampleId :

Tot Ion: 76 Resp: 128265

Ion Ratio Lower Upper

76 100

78 33.2 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 79.799 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN061621.D

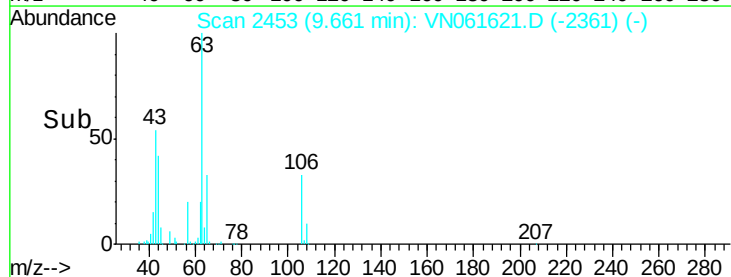
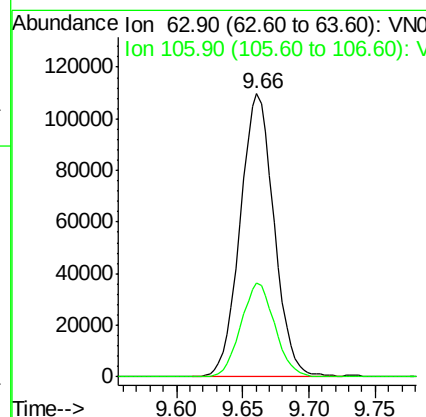
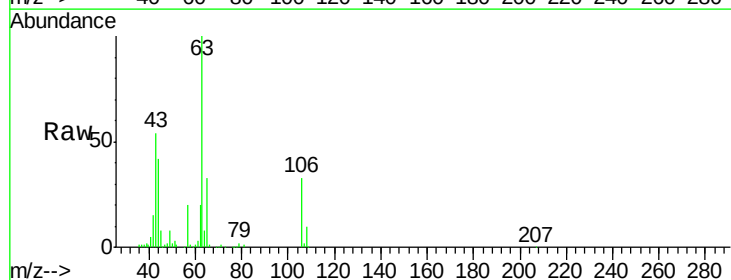
Acq: 2 Jun 2020 16:02

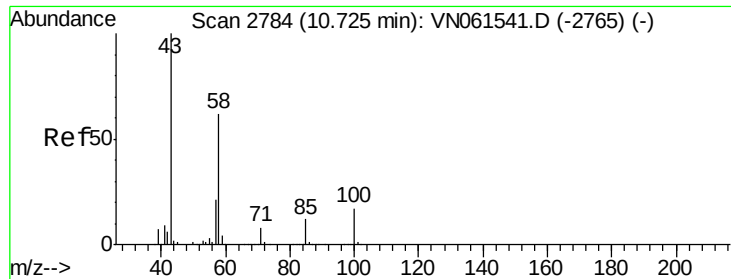
Tgt Ion: 63 Resp: 195098

Ion Ratio Lower Upper

63 100

106 33.3 25.9 38.9

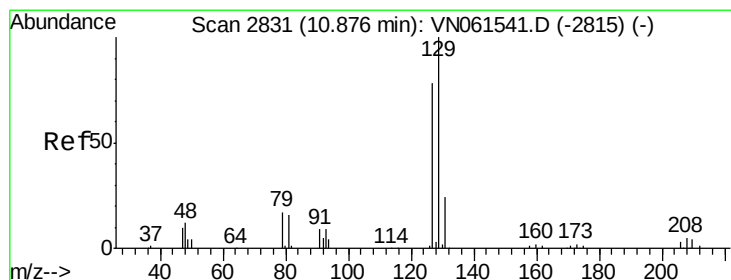
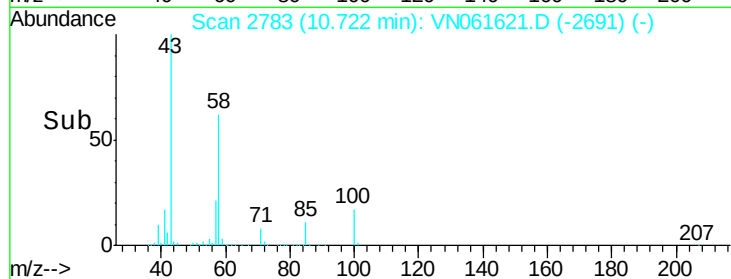
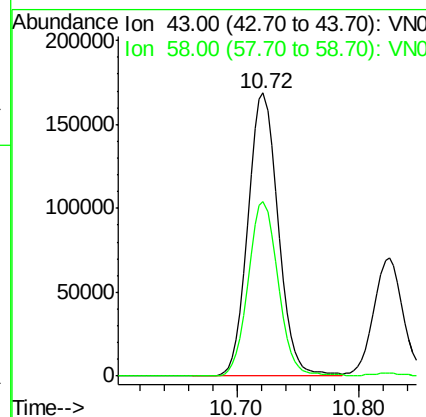
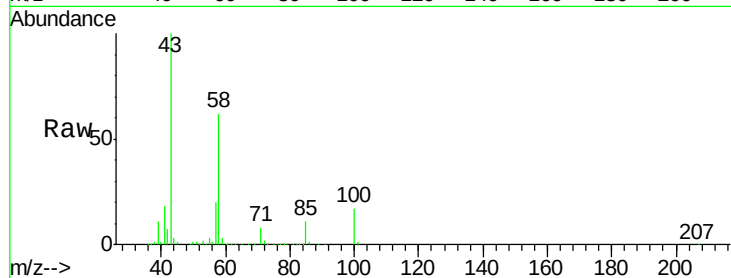




#59
2-Hexanone
Concen: 96.179 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

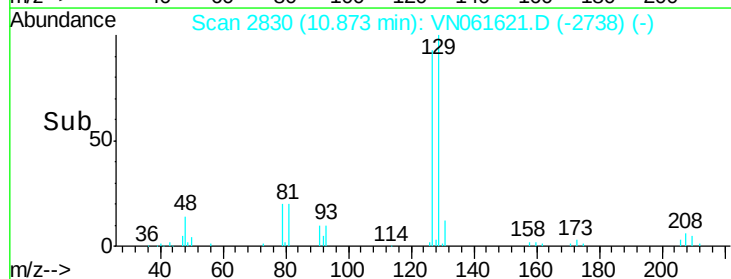
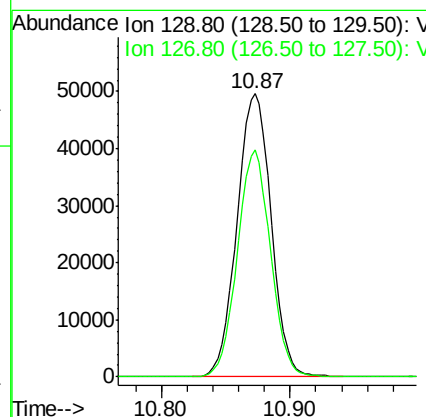
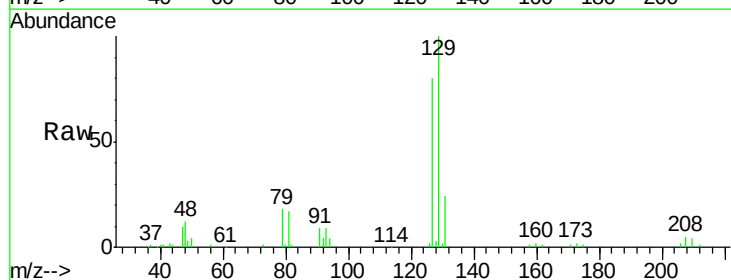
Instrument :
MSVOA_N
ClientSampleId :

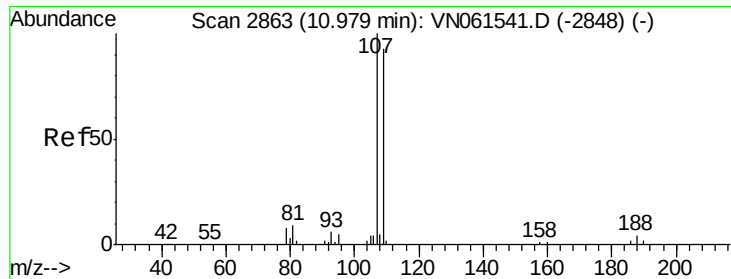
Tot Ion: 43 Resp: 287919
Ion Ratio Lower Upper
43 100
58 61.2 30.7 92.1



#60
Dibromochloromethane
Concen: 19.600 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

Tgt Ion: 129 Resp: 91259
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.284 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Instrument :

MSVOA_N

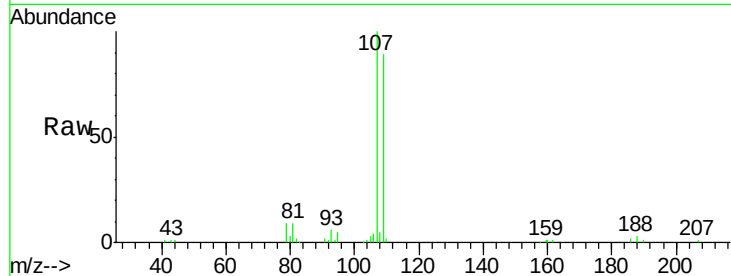
ClientSampled :

Tot Ion:107 Resp: 86643

Ion Ratio Lower Upper

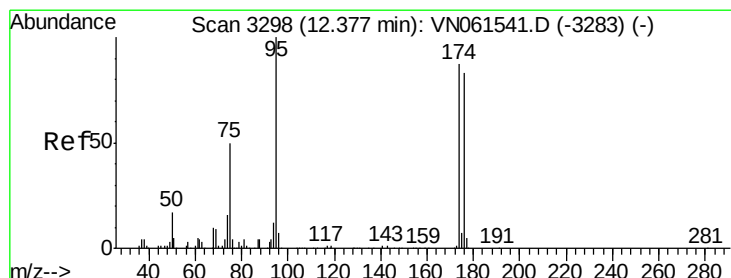
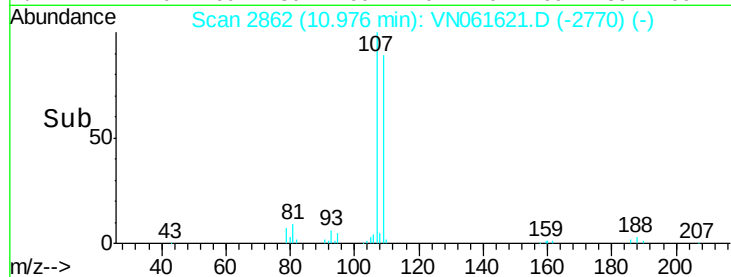
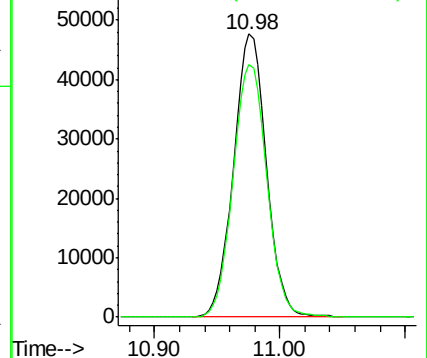
107 100

109 92.3 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 33.643 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

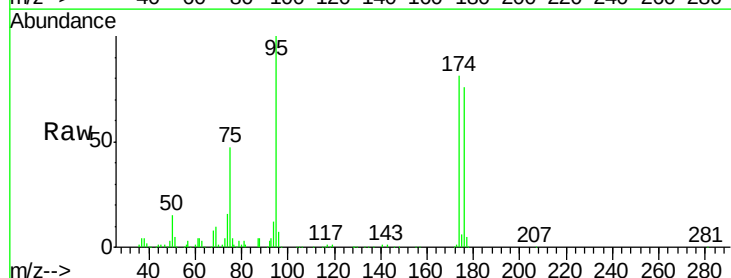
Tgt Ion: 95 Resp: 166380

Ion Ratio Lower Upper

95 100

174 82.5 0.0 172.8

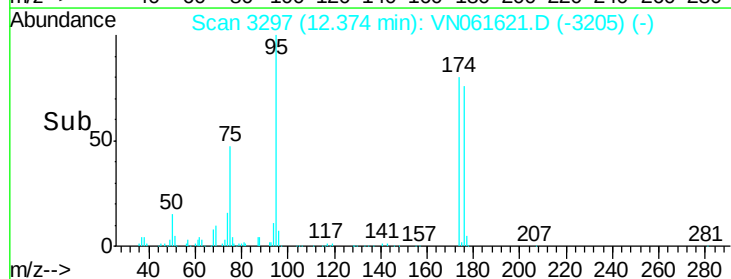
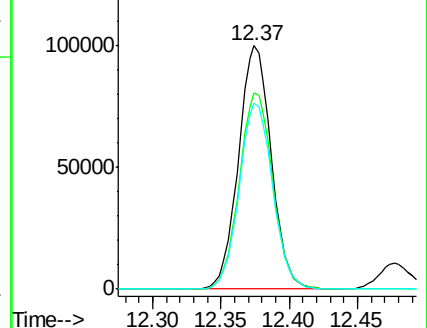
176 78.3 0.0 164.8

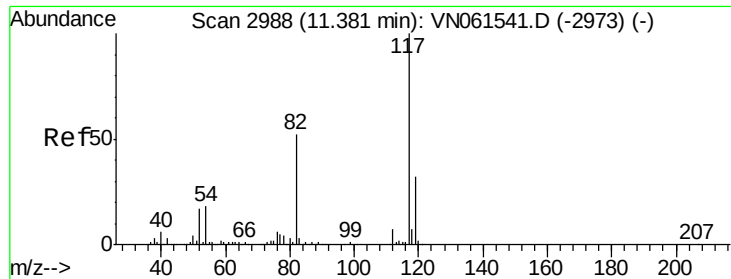


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

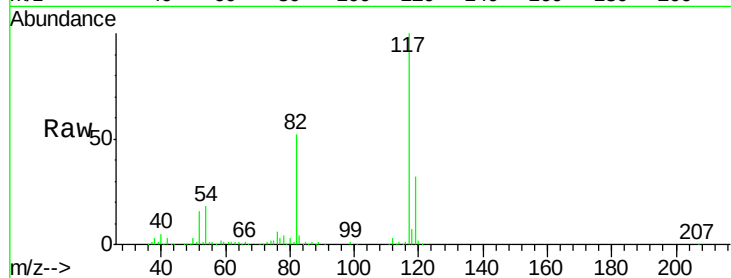




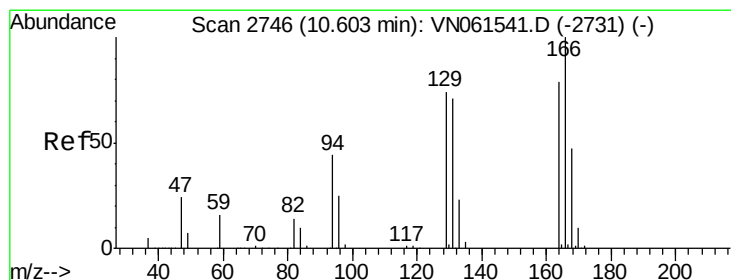
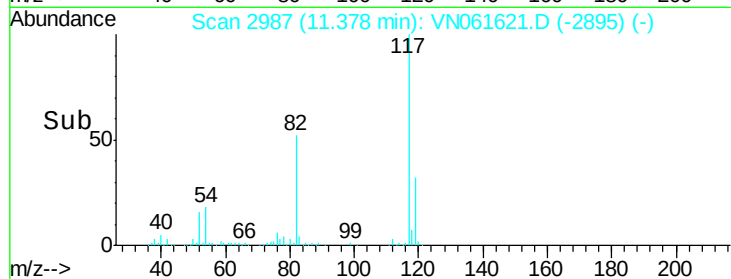
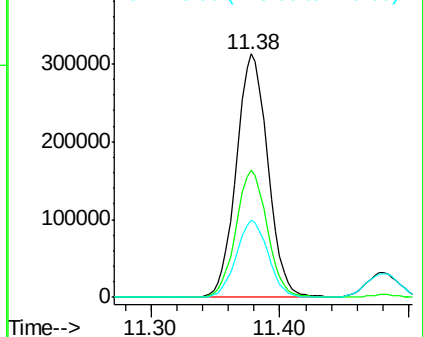
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 532677
Ion Ratio Lower Upper
117 100
82 52.1 41.5 62.3
119 31.6 25.6 38.4

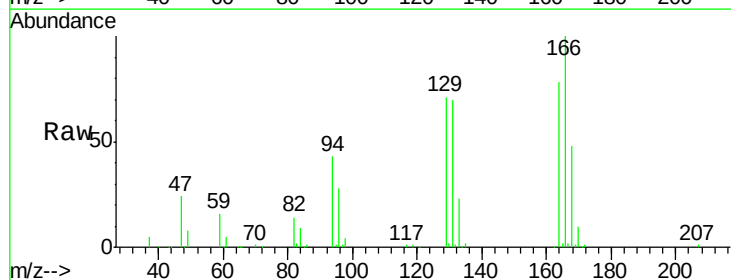


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

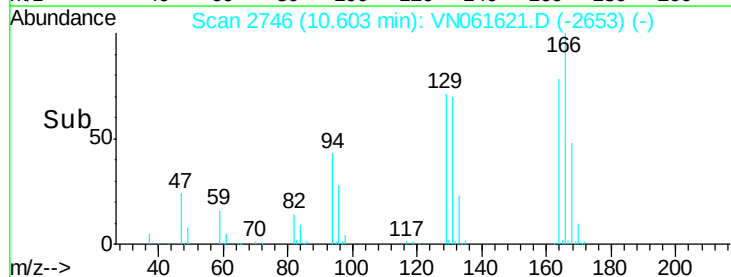
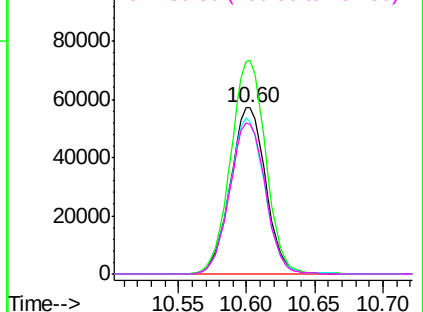


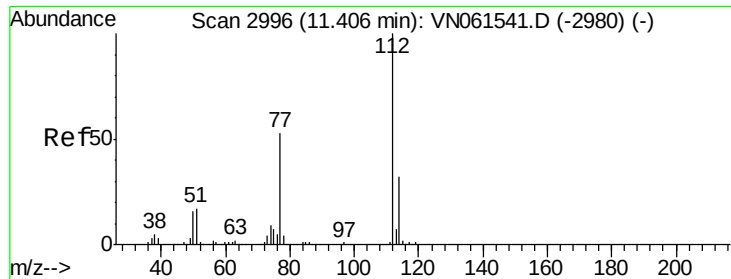
#64
Tetrachloroethene
Concen: 20.435 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

Tgt Ion:164 Resp: 102466
Ion Ratio Lower Upper
164 100
166 128.4 101.5 152.3
129 91.8 74.9 112.3
131 90.0 72.2 108.2



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

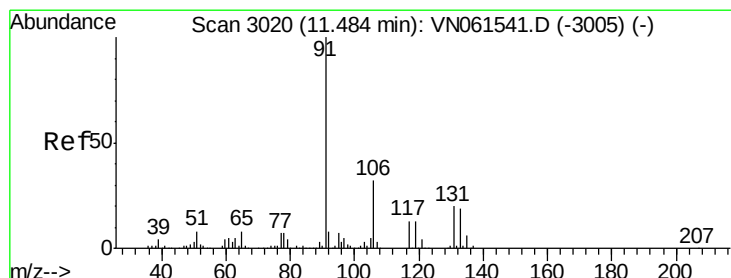
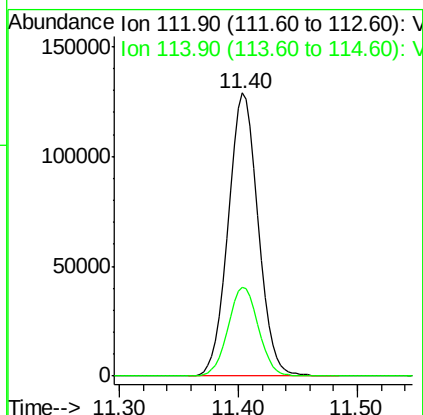
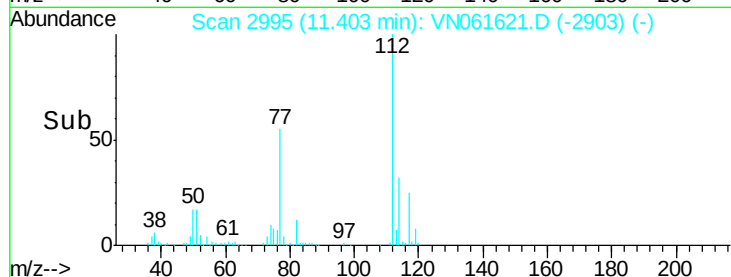
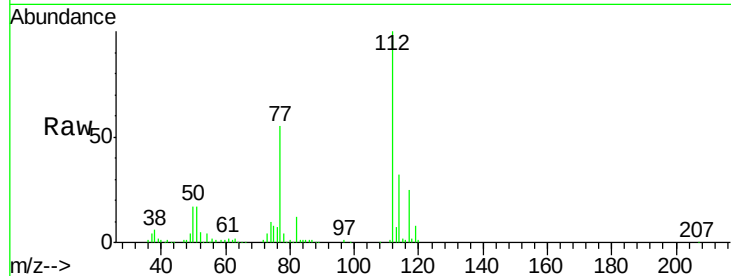




#65
Chlorobenzene
Concen: 20.321 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

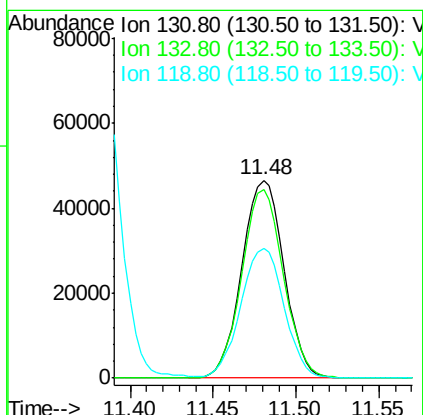
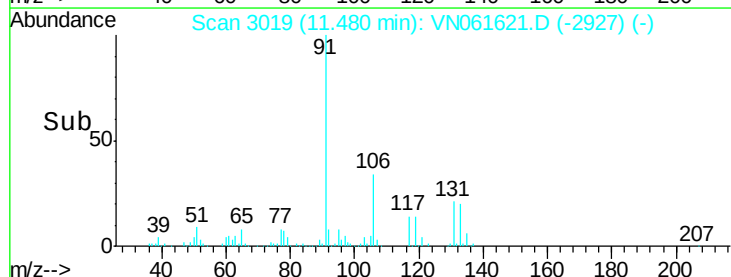
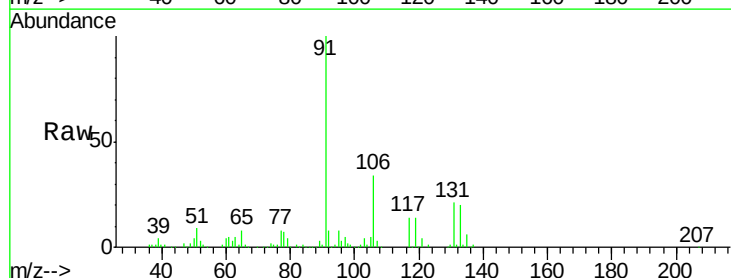
Instrument :
MSVOA_N
ClientSampled :

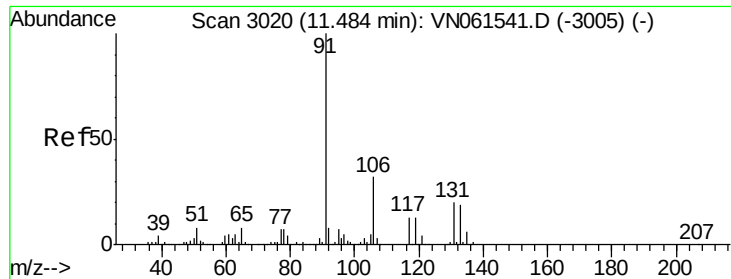
Tot Ion:112 Resp: 225002
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.973 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

Tgt Ion:131 Resp: 82344
Ion Ratio Lower Upper
131 100
133 94.8 47.4 142.2
119 67.6 32.6 97.8

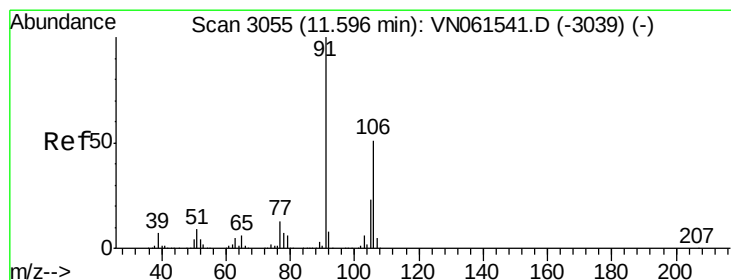
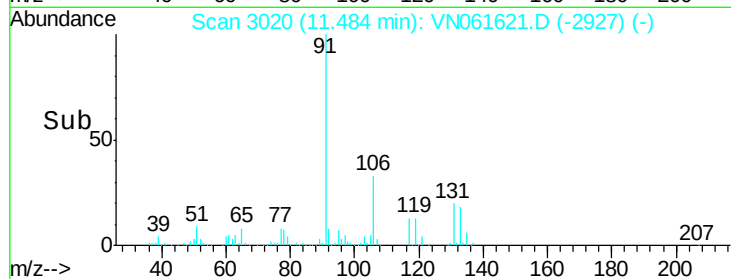
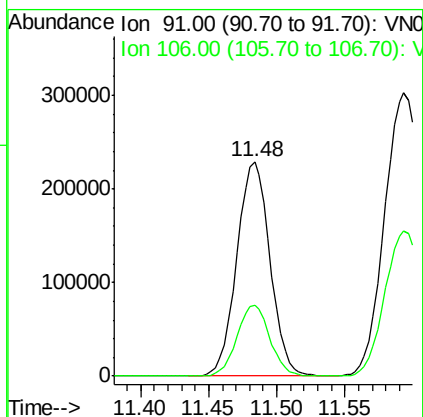
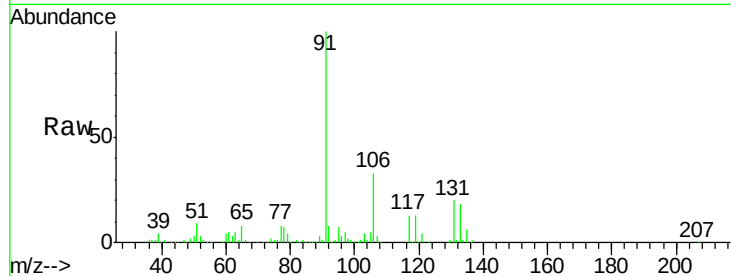




#67
Ethyl Benzene
Concen: 20.249 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

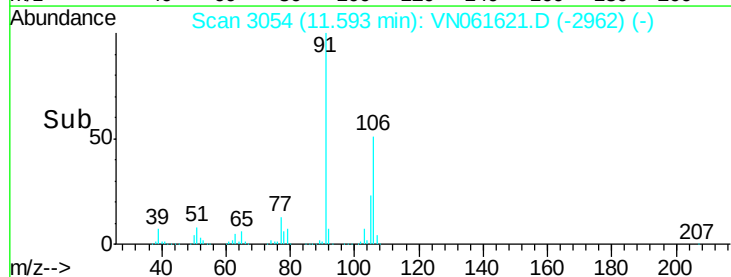
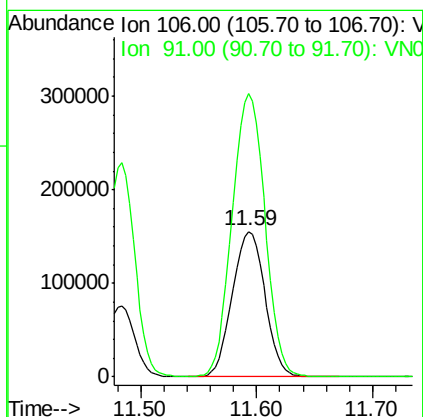
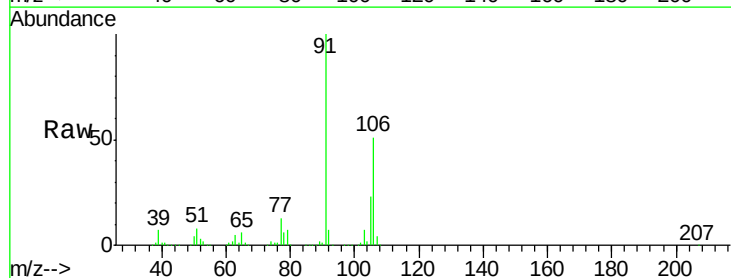
Instrument :
MSVOA_N
ClientSampled :

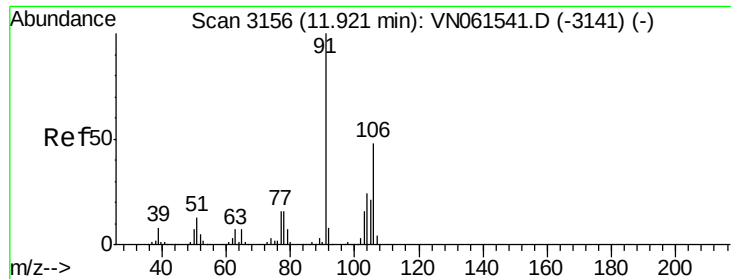
Tot Ion: 91 Resp: 387515
Ion Ratio Lower Upper
91 100
106 33.3 25.6 38.4



#68
m/p-Xylenes
Concen: 39.879 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

Tgt Ion: 106 Resp: 302605
Ion Ratio Lower Upper
106 100
91 195.9 156.2 234.4

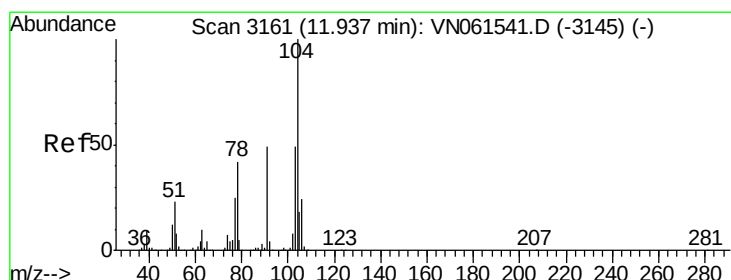
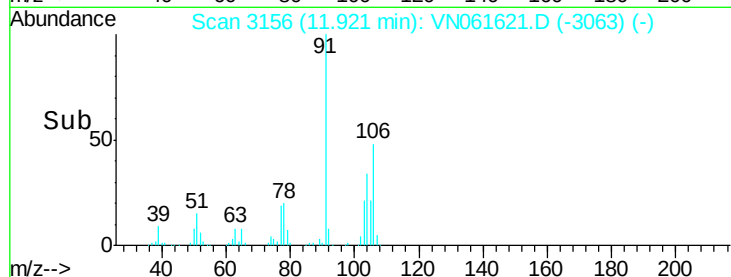
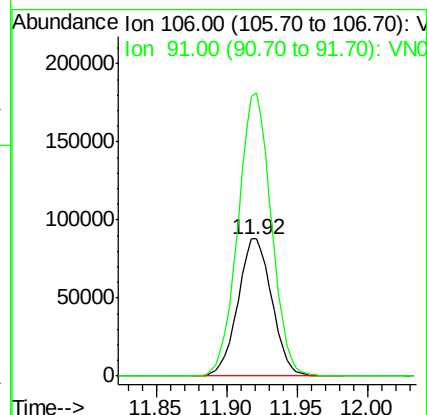
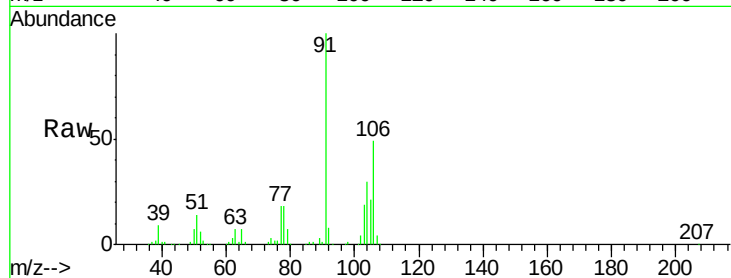




#69
o-Xylene
Concen: 20.601 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

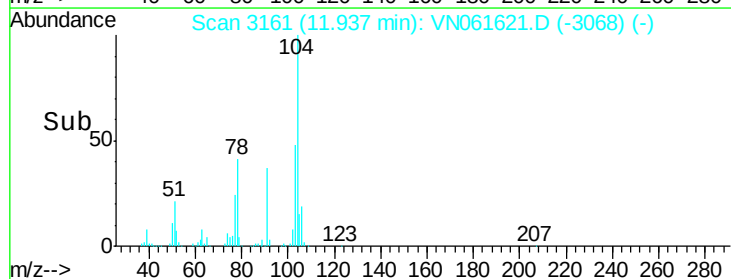
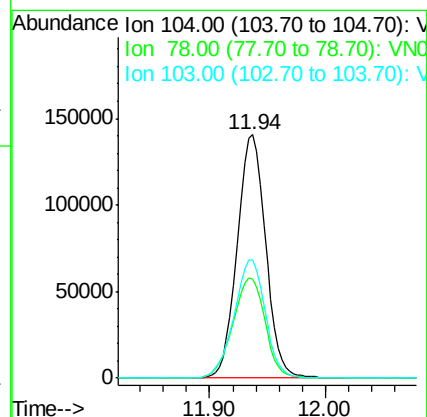
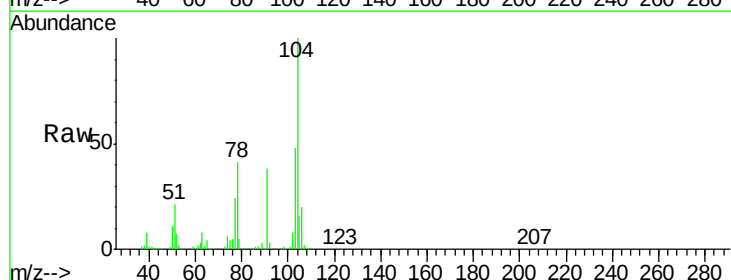
Instrument :
MSVOA_N
ClientSampled :

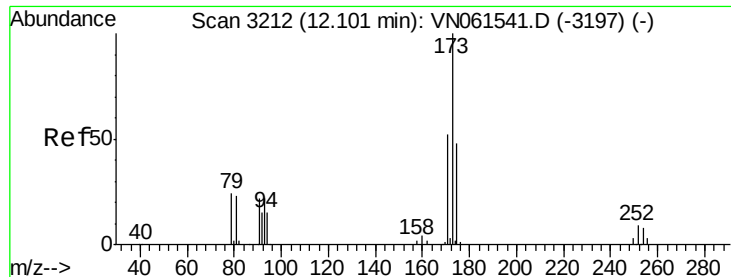
Tot Ion:106 Resp: 148477
Ion Ratio Lower Upper
106 100
91 202.1 103.3 309.8



#70
Styrene
Concen: 20.039 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

Tgt Ion:104 Resp: 239174
Ion Ratio Lower Upper
104 100
78 46.5 37.4 56.0
103 53.5 42.3 63.5

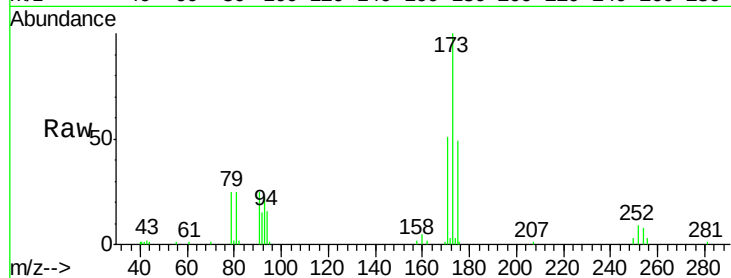




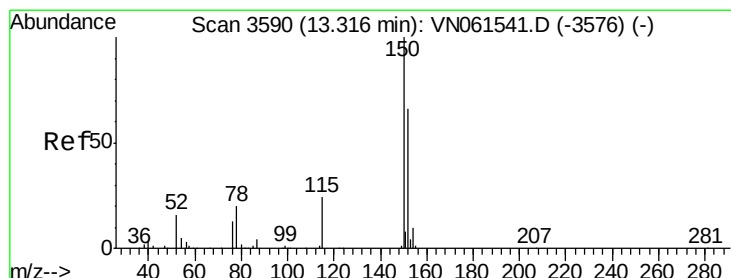
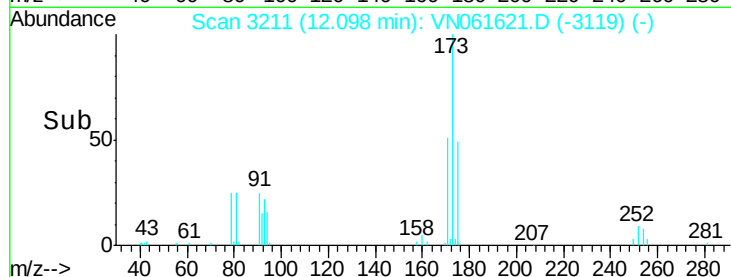
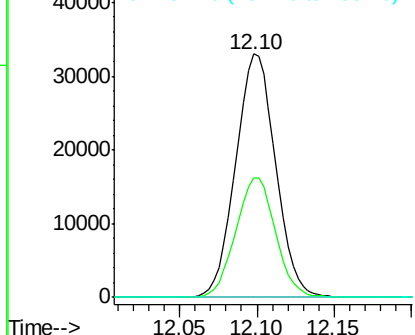
#71
Bromoform
Concen: 18.666 ug/l
RT: 12.10 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 59299
Ion Ratio Lower Upper
173 100
175 48.7 24.4 73.2
254 0.0 0.0 0.0

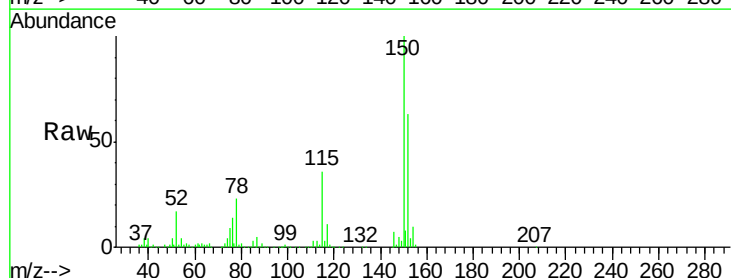


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

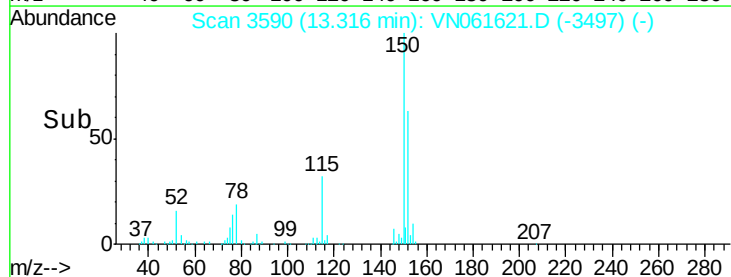
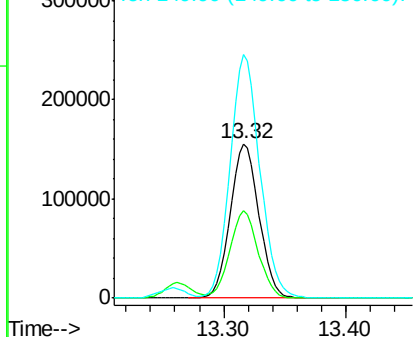


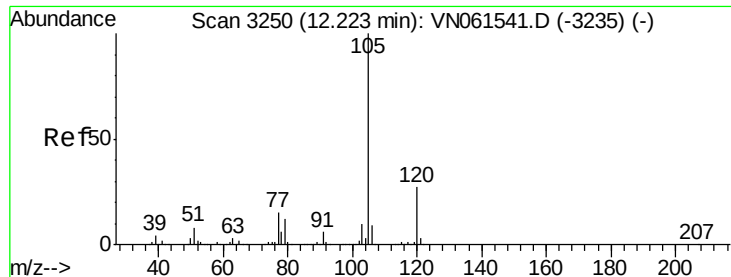
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

Tgt Ion:152 Resp: 255797
Ion Ratio Lower Upper
152 100
115 56.3 28.0 84.0
150 163.1 0.0 344.0



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: 20.546 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Instrument :

MSVOA_N

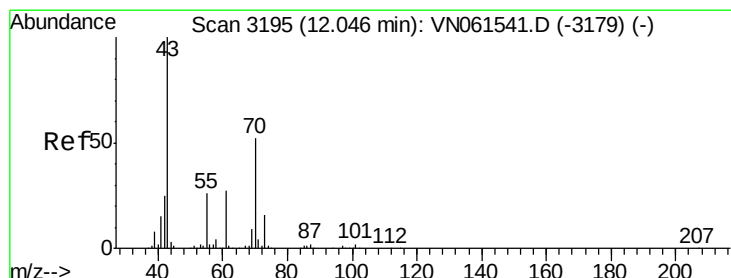
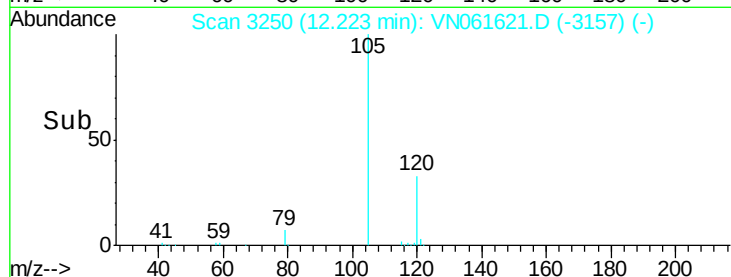
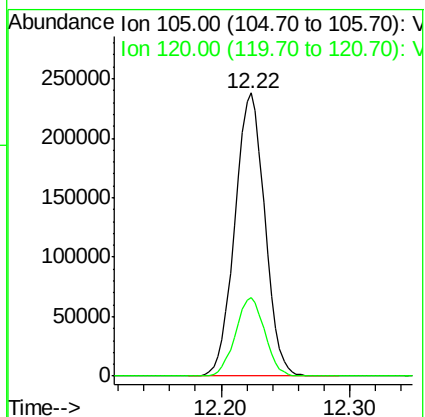
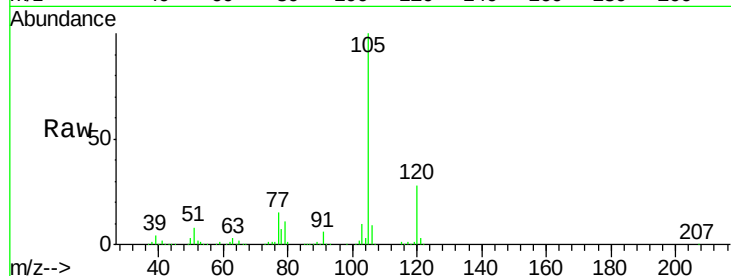
ClientSampled :

Tot Ion:105 Resp: 383583

Ion Ratio Lower Upper

105 100

120 27.3 13.8 41.3



#74

N-ethyl acetate

Concen: 18.800 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Tgt Ion: 43 Resp: 110536

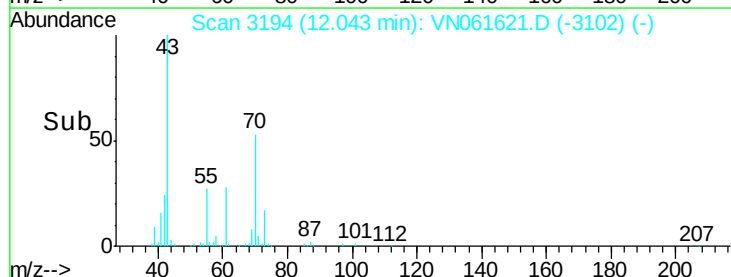
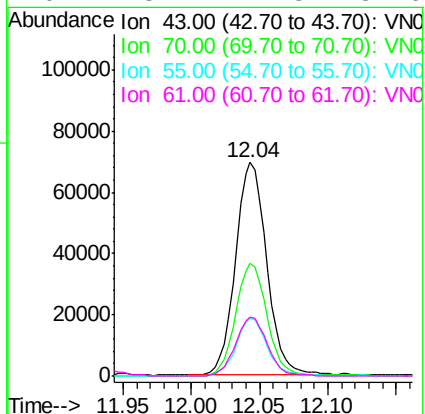
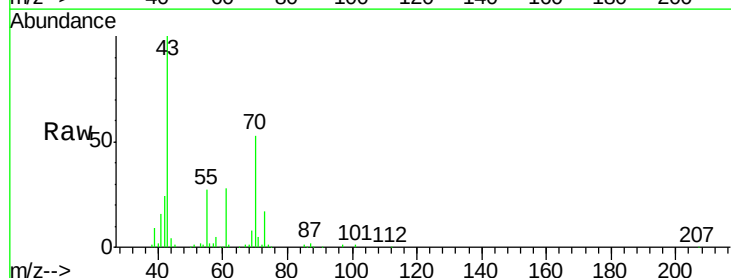
Ion Ratio Lower Upper

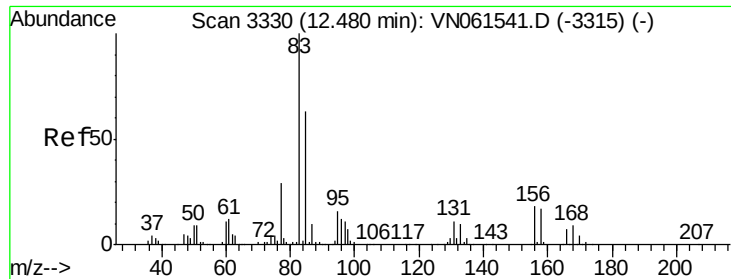
43 100

70 53.5 40.5 60.7

55 27.0 20.6 31.0

61 28.2 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.514 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Instrument :

MSVOA_N

ClientSampleId :

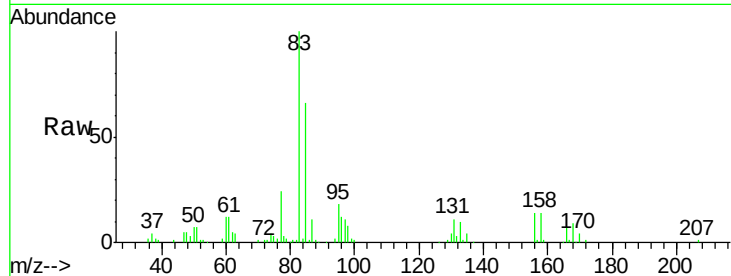
Tot Ion: 83 Resp: 102094

Ion Ratio Lower Upper

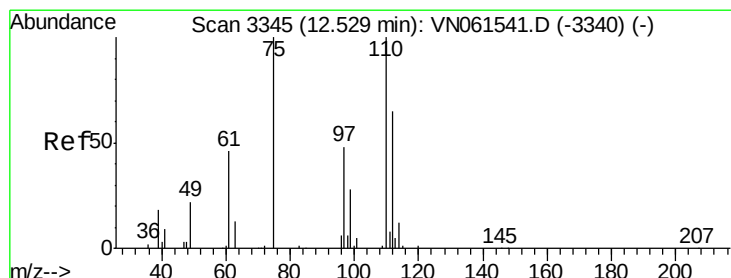
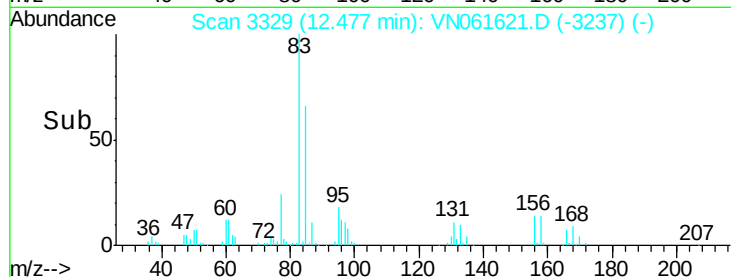
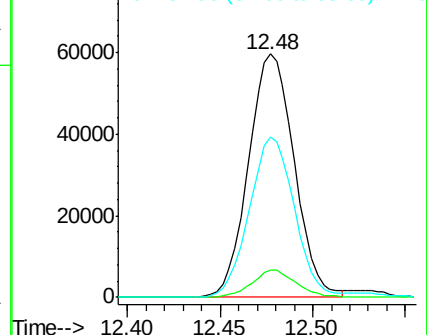
83 100

131 10.8 5.5 16.5

85 64.9 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 28.575 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN061621.D

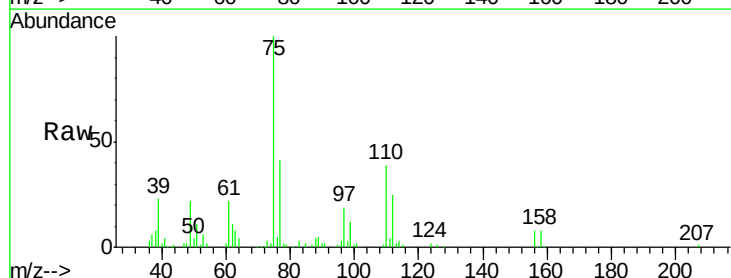
Acq: 2 Jun 2020 16:02

Tgt Ion: 75 Resp: 132912

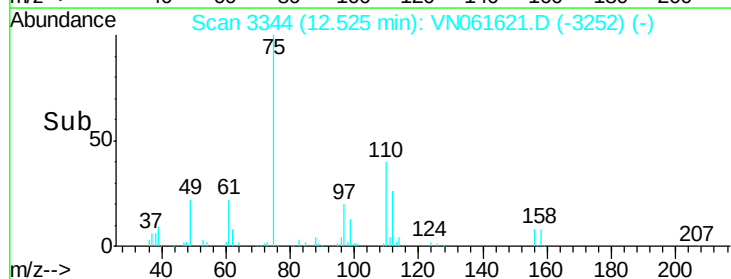
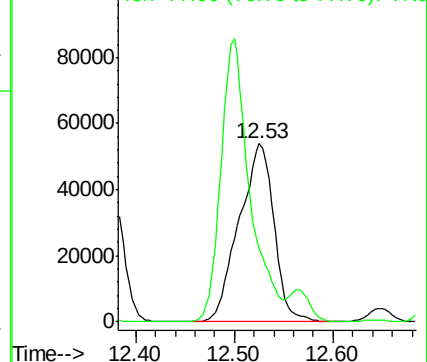
Ion Ratio Lower Upper

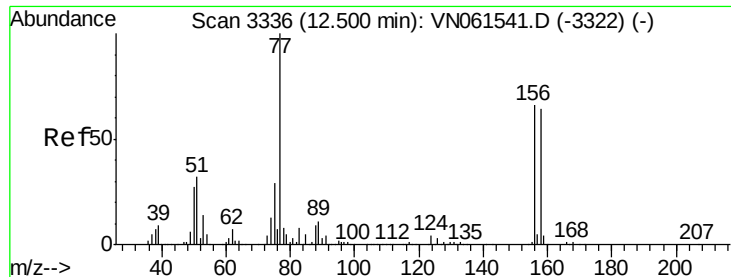
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 19.986 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Instrument :

MSVOA_N

ClientSampleId :

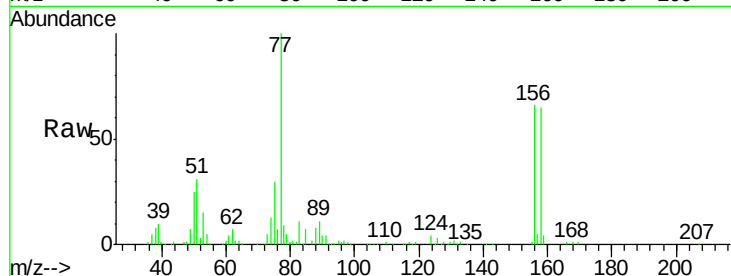
Tot Ion:156 Resp: 95246

Ion Ratio Lower Upper

156 100

77 185.8 90.9 272.7

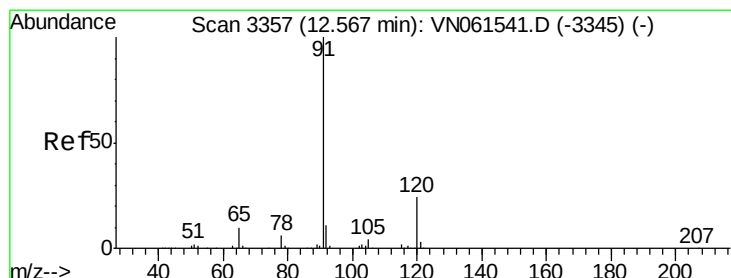
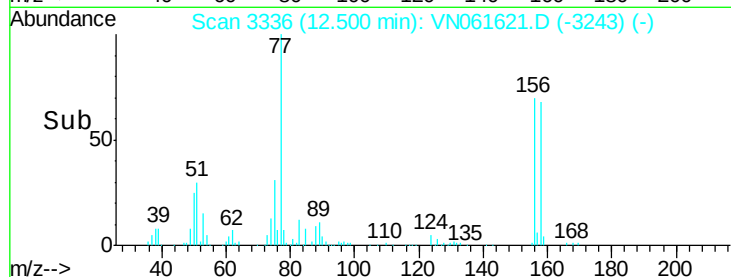
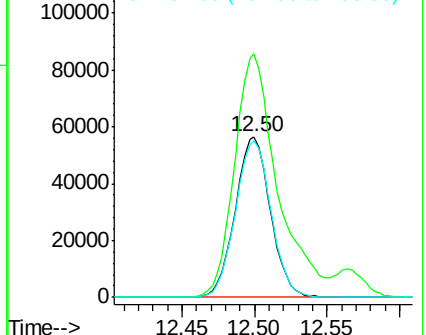
158 98.7 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.877 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061621.D

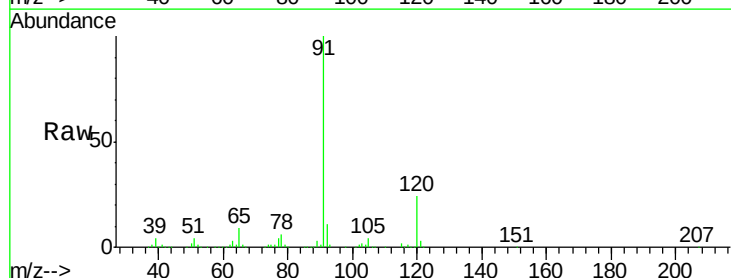
Acq: 2 Jun 2020 16:02

Tgt Ion: 91 Resp: 414295

Ion Ratio Lower Upper

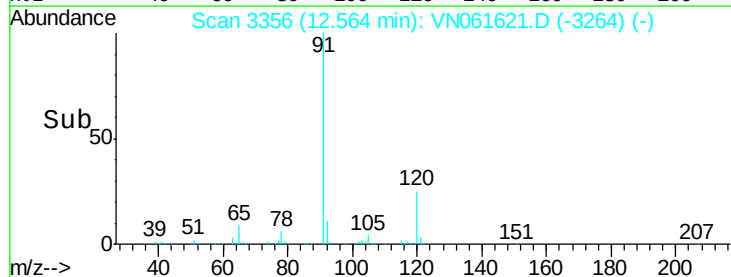
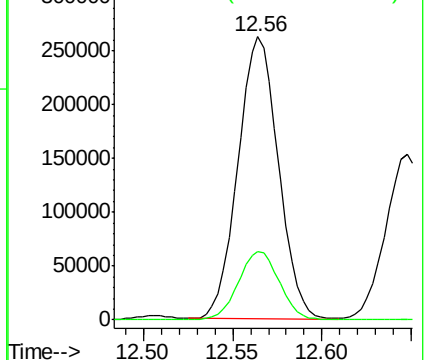
91 100

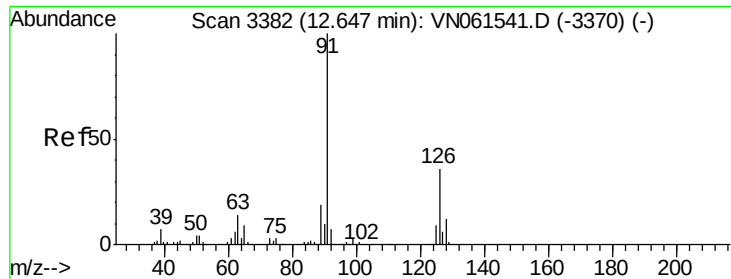
120 24.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

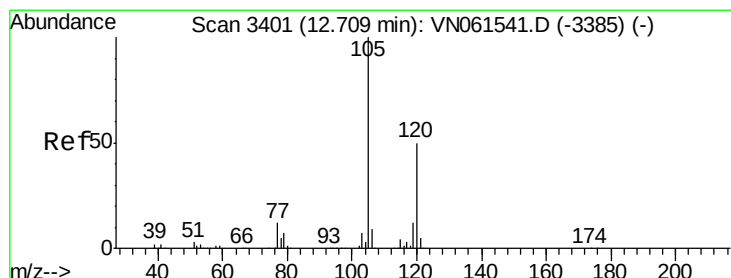
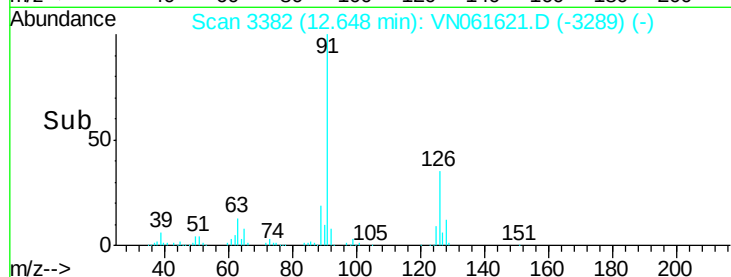
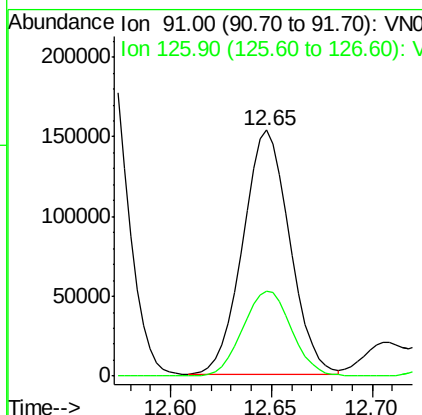
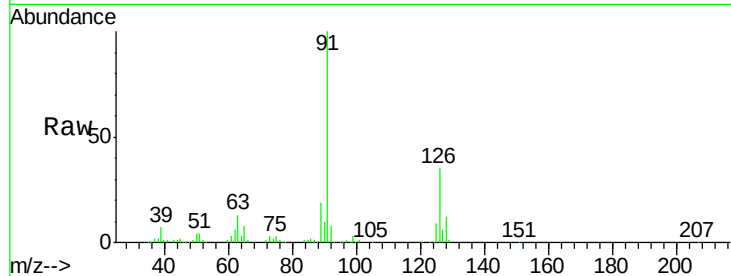




#79
 2-Chlorotoluene
 Concen: 20.150 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN061621.D
 Acq: 2 Jun 2020 16:02

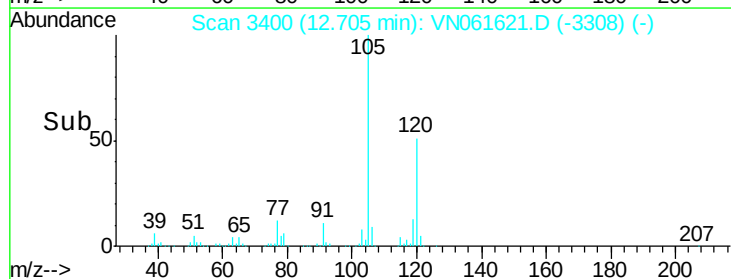
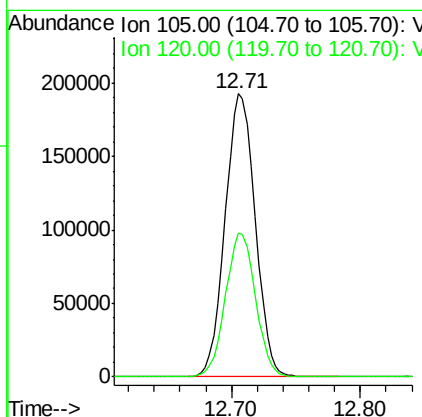
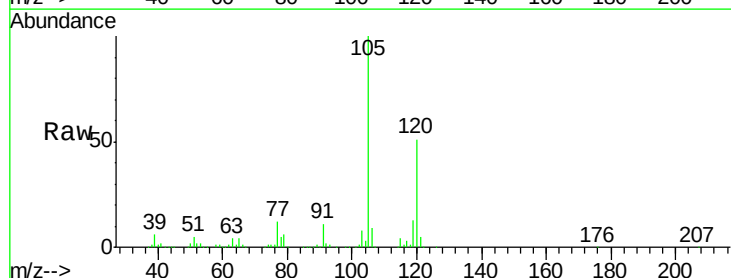
Instrument :
 MSVOA_N
 ClientSampled :

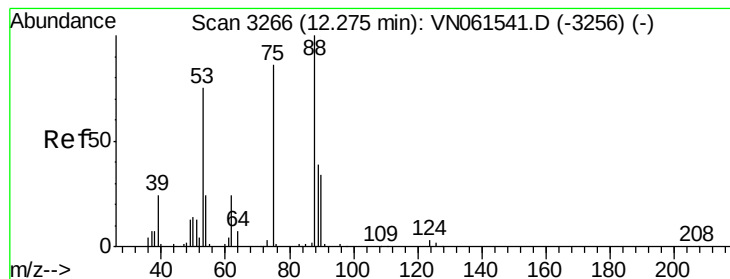
Tot Ion: 91 Resp: 250431
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.893 ug/l
 RT: 12.71 min Scan# 3400
 Delta R.T. -0.00 min
 Lab File: VN061621.D
 Acq: 2 Jun 2020 16:02

Tgt Ion: 105 Resp: 310415
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.749 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

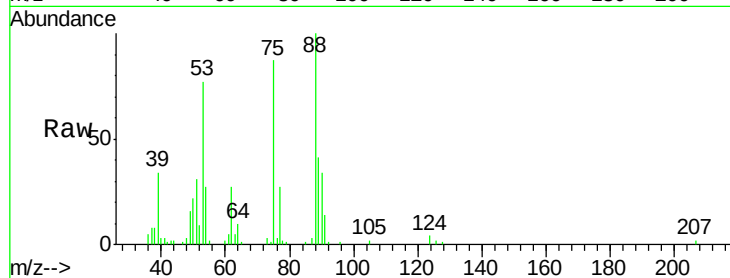
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 75 Resp: 34103

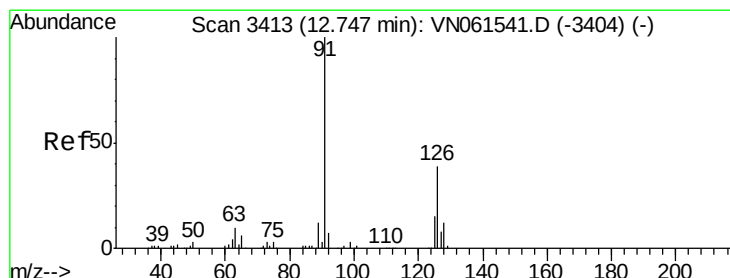
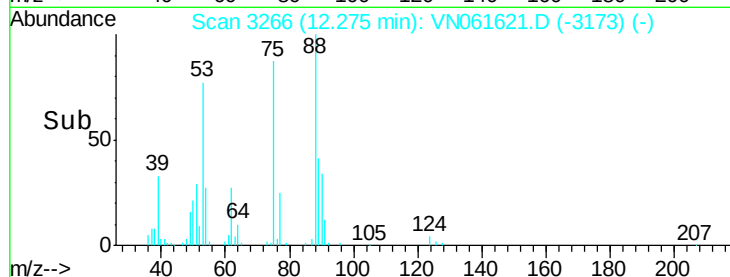
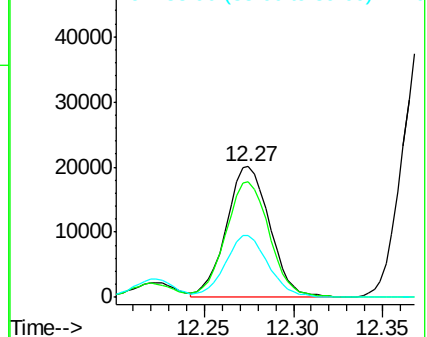
Ion	Ratio	Lower	Upper
75	100		
53	88.5	67.8	101.8
89	46.9	37.1	55.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.051 ug/l

RT: 12.75 min Scan# 3413

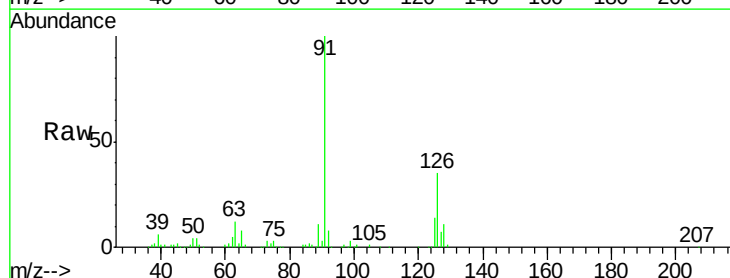
Delta R.T. 0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

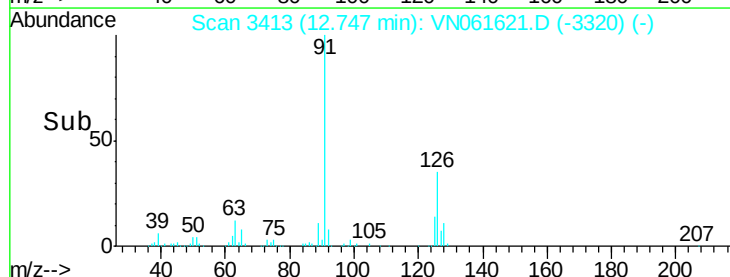
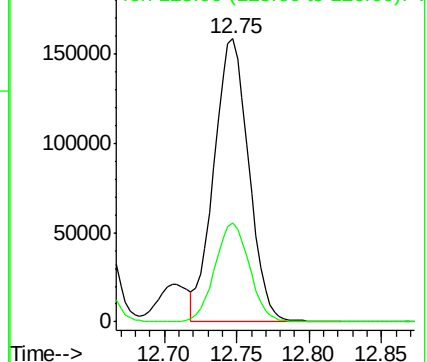
Tgt Ion: 91 Resp: 262151

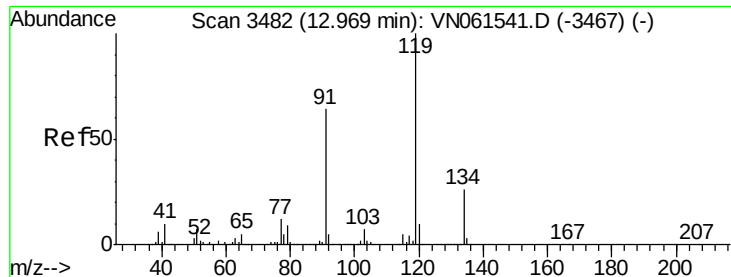
Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.5	52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

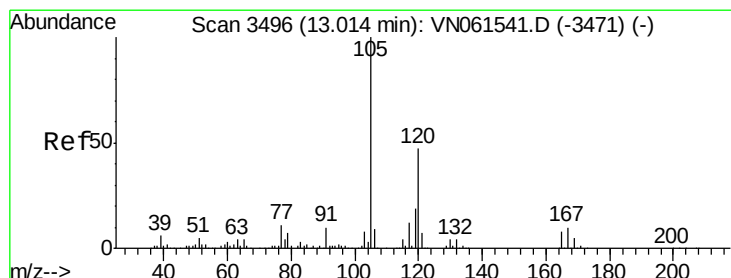
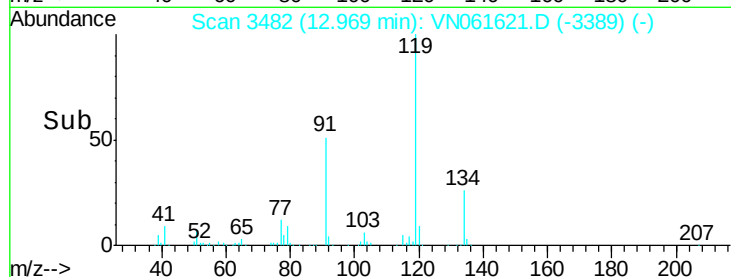
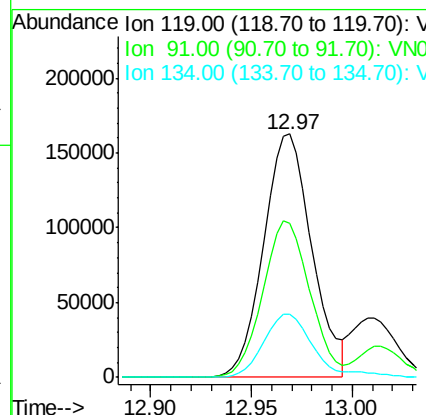
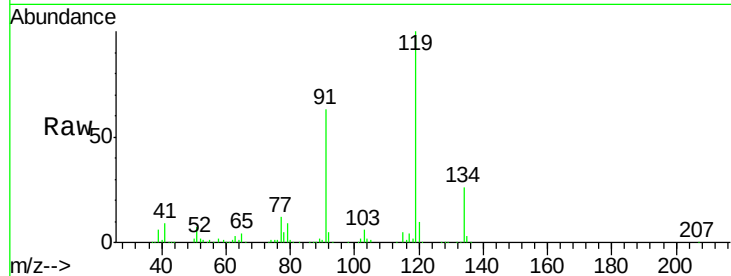




#83
 tert-Butylbenzene
 Concen: 19.693 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061621.D
 Acq: 2 Jun 2020 16:02

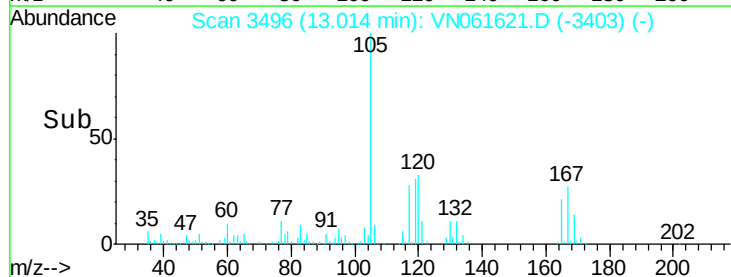
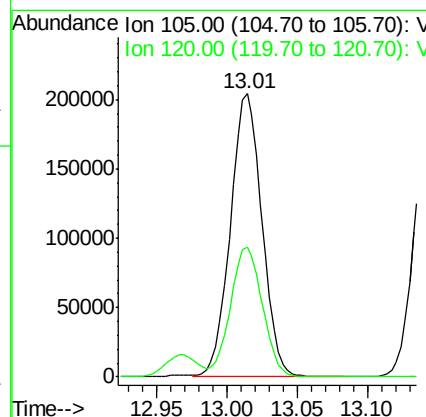
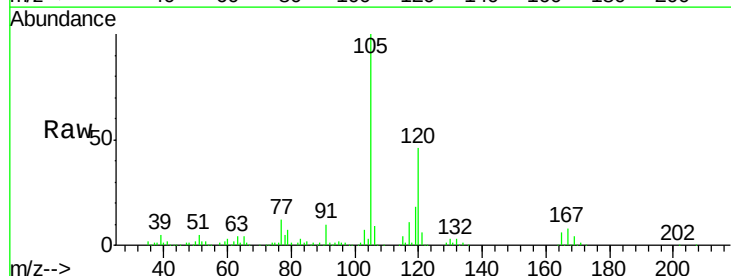
Instrument :
 MSVOA_N
 ClientSampled :

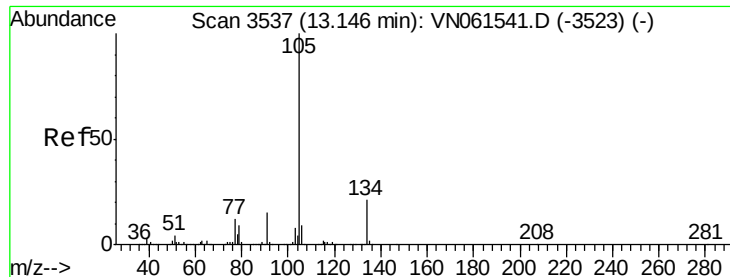
Tot Ion:119 Resp: 271515
 Ion Ratio Lower Upper
 119 100
 91 62.6 31.3 93.8
 134 27.1 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.515 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061621.D
 Acq: 2 Jun 2020 16:02

Tgt Ion:105 Resp: 318028
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.2 69.5





#85

sec-Butylbenzene

Concen: 19.398 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Instrument :

MSVOA_N

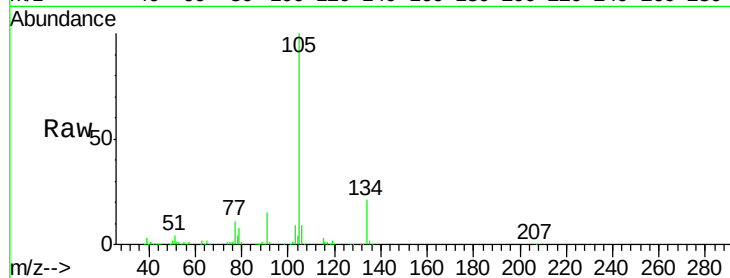
ClientSampled :

Tot Ion:105 Resp: 344634

Ion Ratio Lower Upper

105 100

134 20.5 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

200000

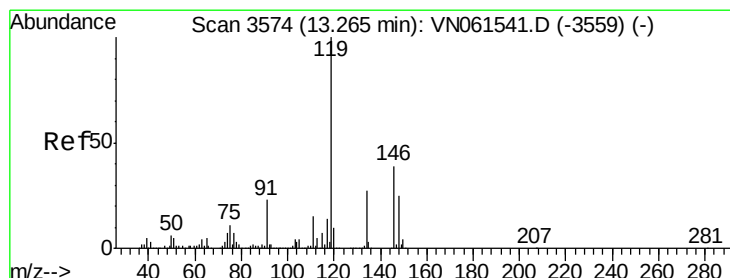
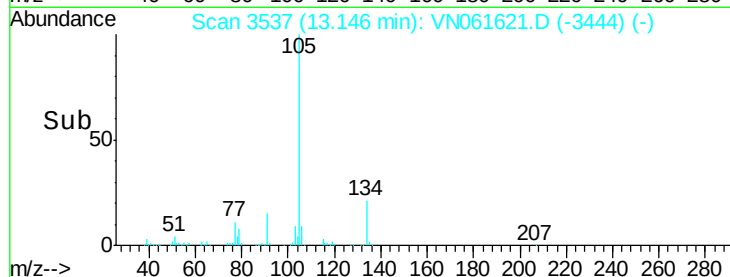
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.620 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

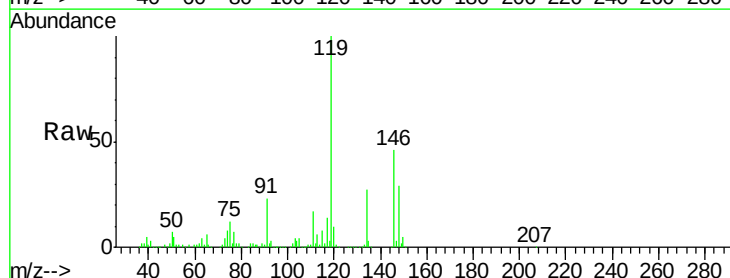
Tgt Ion:119 Resp: 321011

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

91 22.8 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

250000

200000

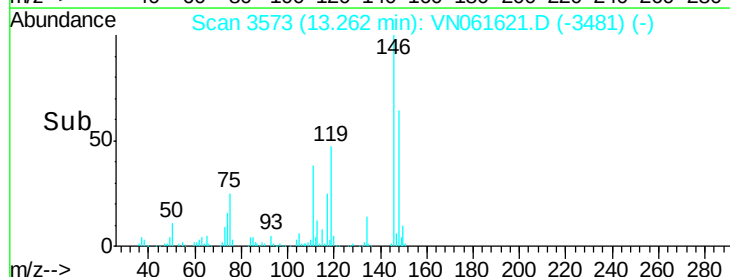
150000

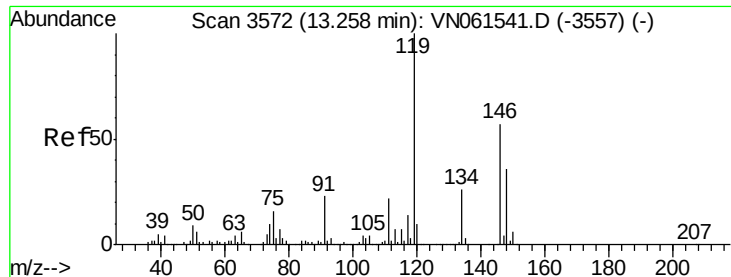
100000

50000

0

Time-->

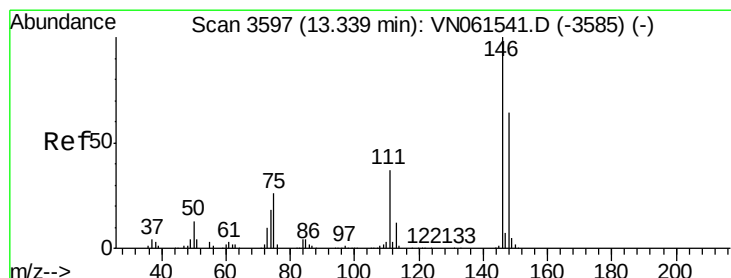
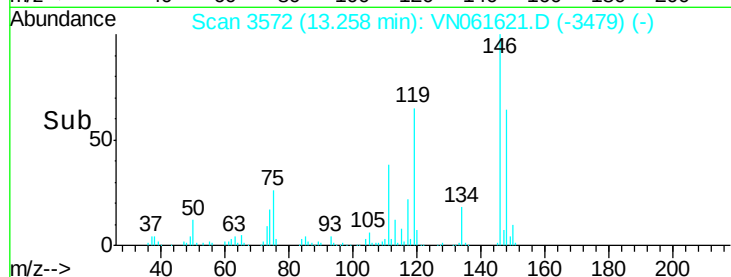
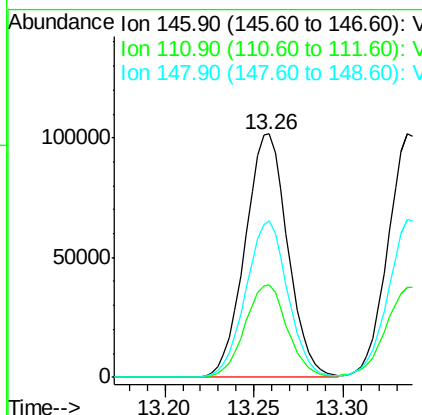
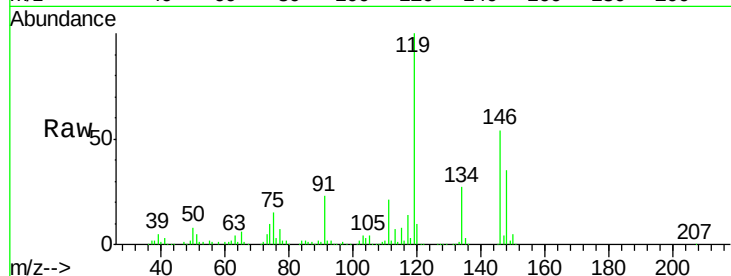




#87
 1,3-Dichlorobenzene
 Concen: 20.104 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061621.D
 Acq: 2 Jun 2020 16:02

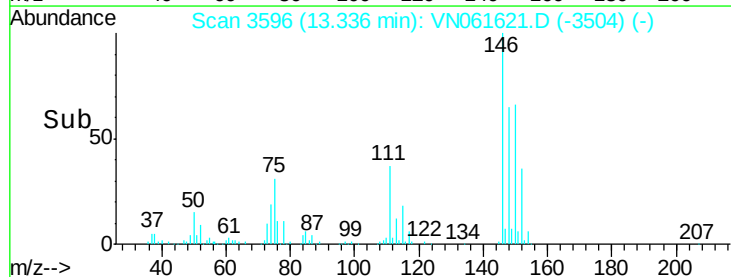
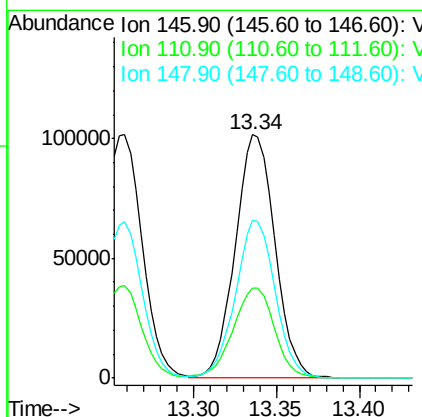
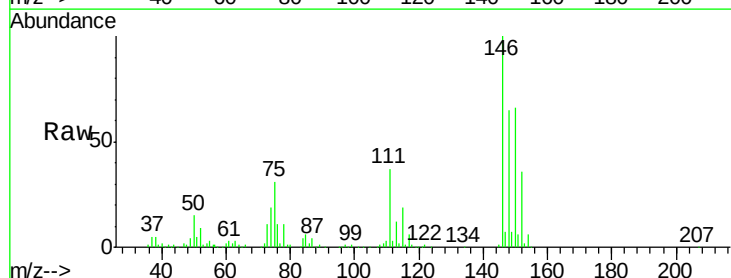
Instrument :
 MSVOA_N
 ClientSampled :

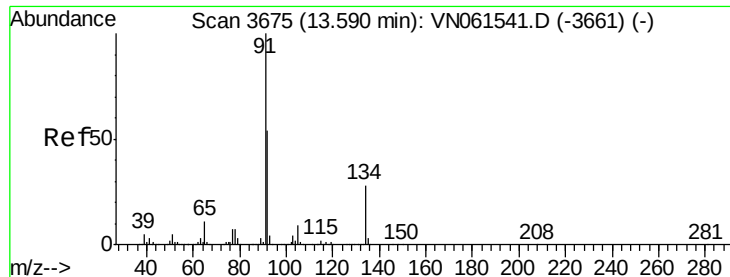
Tot Ion:146 Resp: 169654
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.2 57.6
 148 63.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 19.546 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061621.D
 Acq: 2 Jun 2020 16:02

Tgt Ion:146 Resp: 168041
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.9 56.9
 148 65.6 31.8 95.3

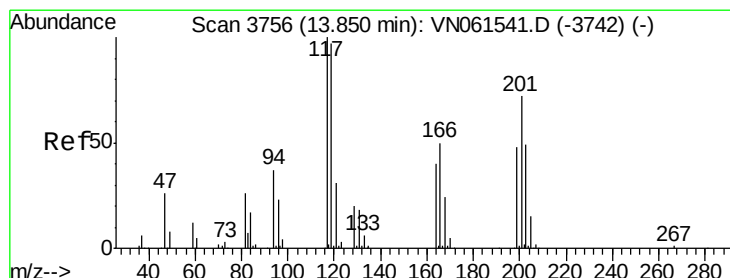
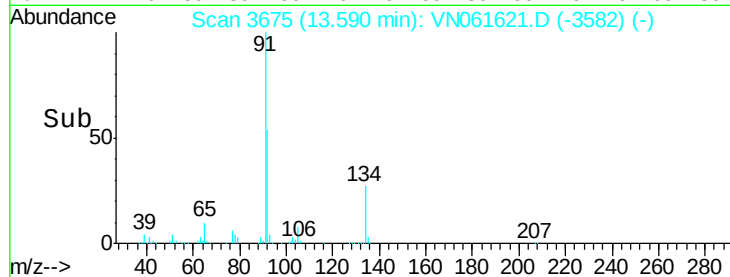
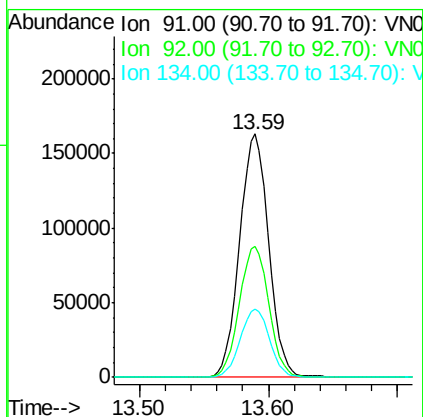
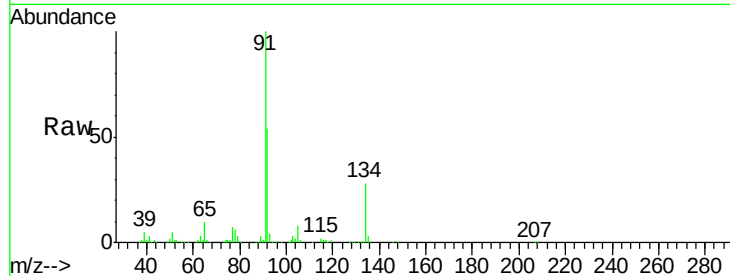




#89
n-Butylbenzene
Concen: 18.720 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

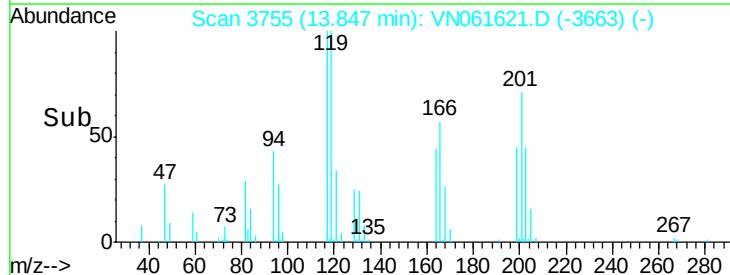
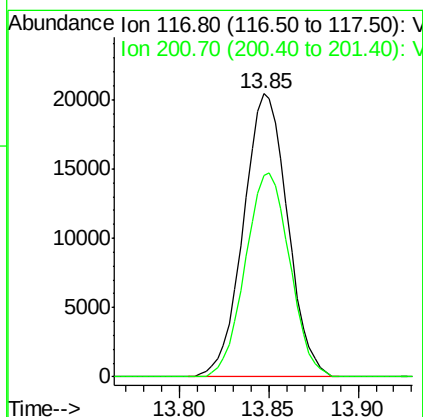
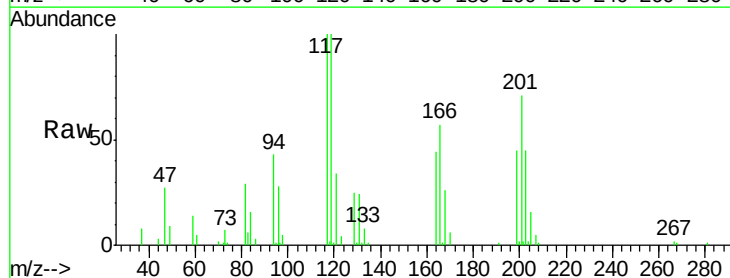
Instrument :
MSVOA_N
ClientSampleId :

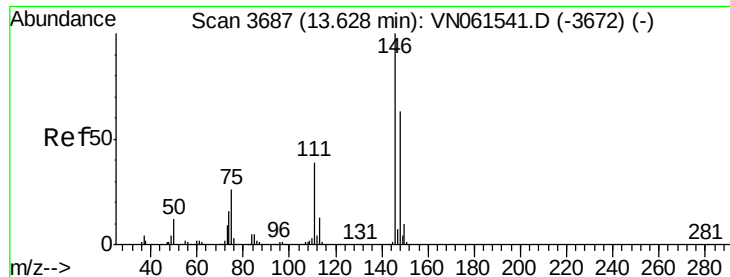
Tot Ion: 91 Resp: 256533
Ion Ratio Lower Upper
91 100
92 54.7 27.2 81.6
134 28.5 14.0 42.0



#90
Hexachloroethane
Concen: 19.477 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061621.D
Acq: 2 Jun 2020 16:02

Tgt Ion: 117 Resp: 35242
Ion Ratio Lower Upper
117 100
201 72.5 36.7 110.1

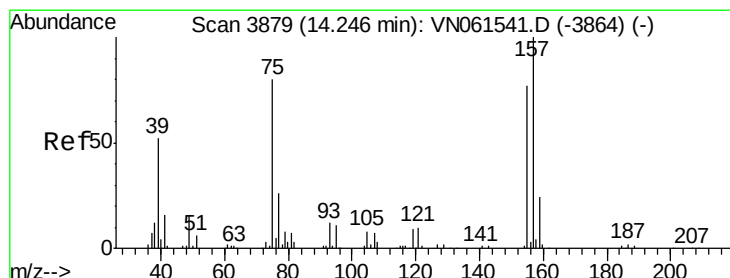
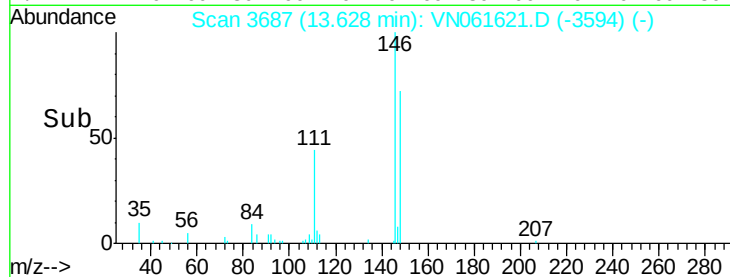
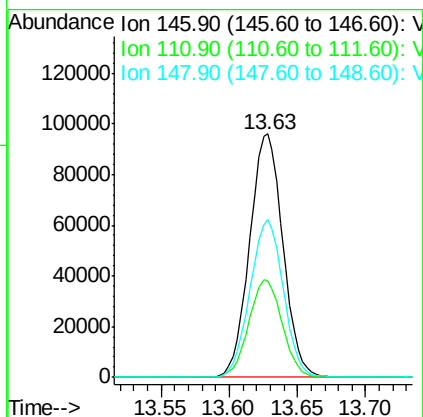
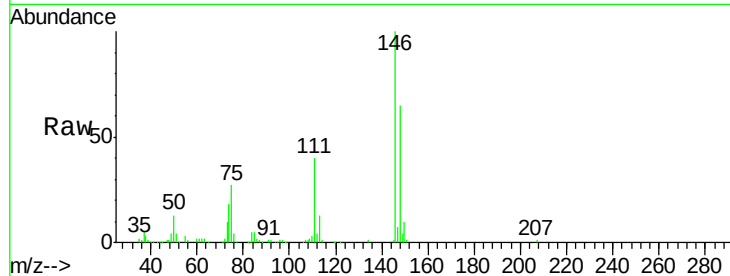




#91
 1,2-Dichlorobenzene
 Concen: 20.190 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061621.D
 Acq: 2 Jun 2020 16:02

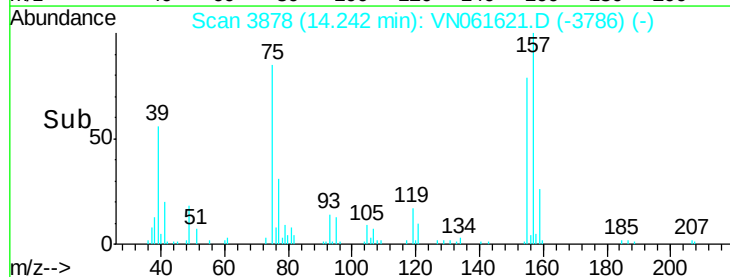
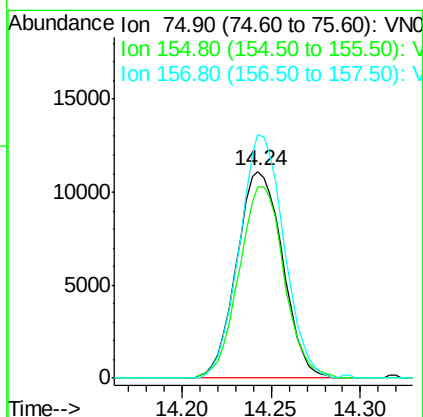
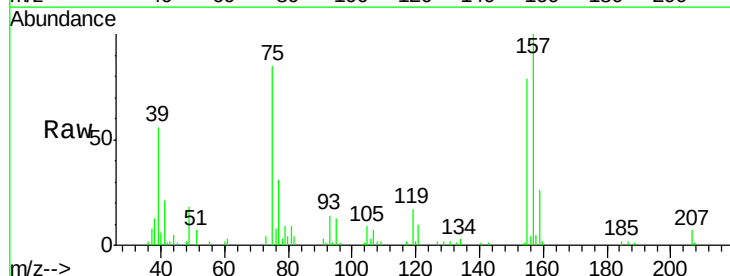
Instrument :
 MSVOA_N
 ClientSampleId :

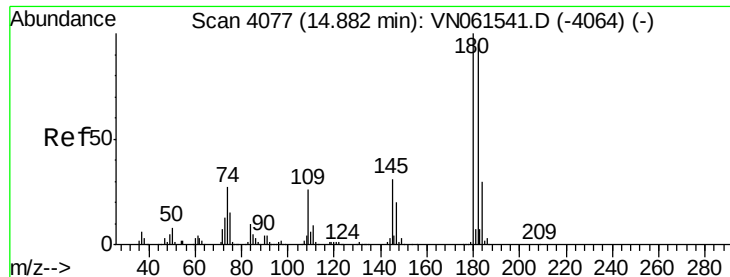
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.1	60.2
148	65.0	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.688 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061621.D
 Acq: 2 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.9	47.1	141.4
157	114.2	60.3	180.8

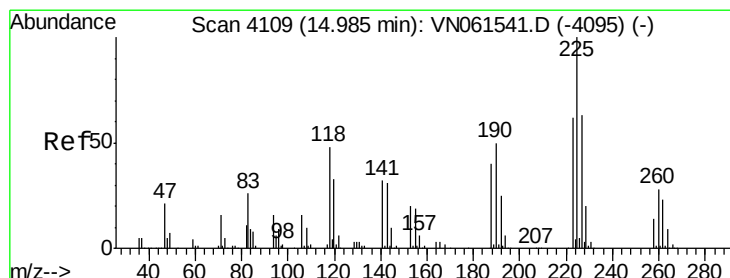
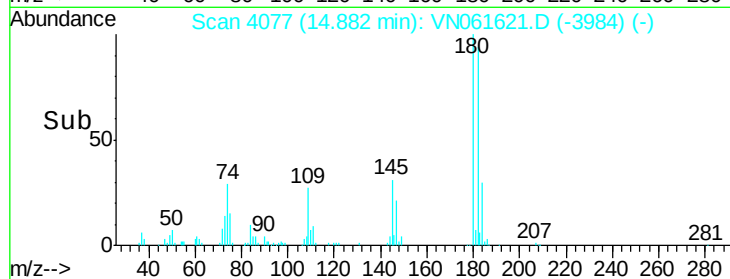
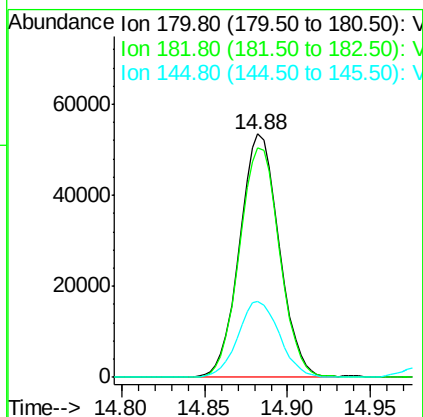
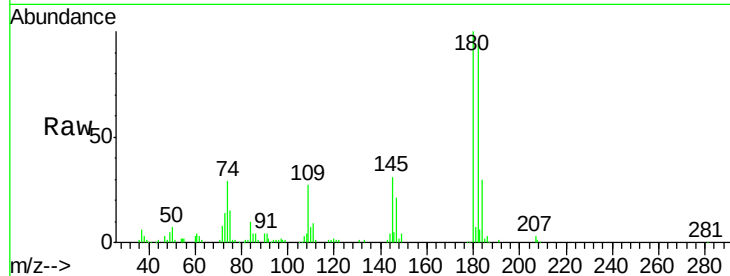




#93
 1,2,4-Trichlorobenzene
 Concen: 18.750 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061621.D
 Acq: 2 Jun 2020 16:02

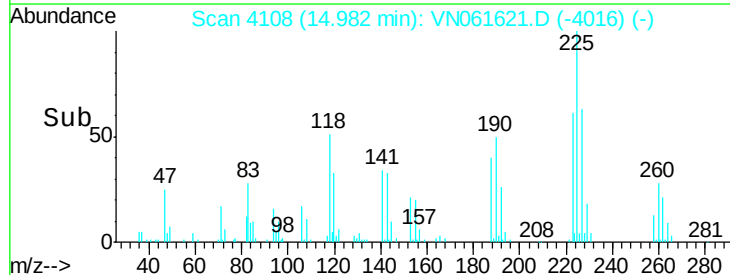
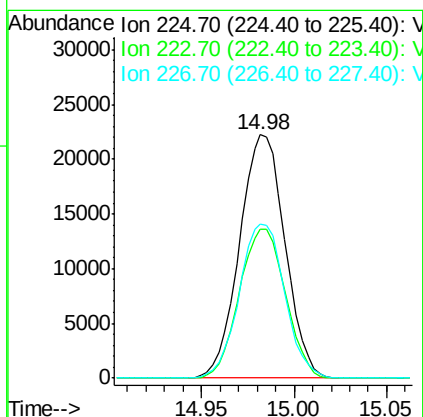
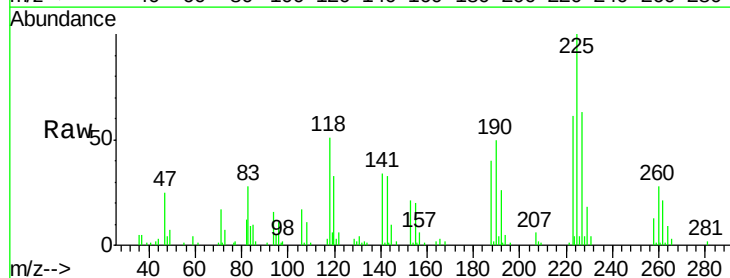
Instrument :
 MSVOA_N
 ClientSampleId :

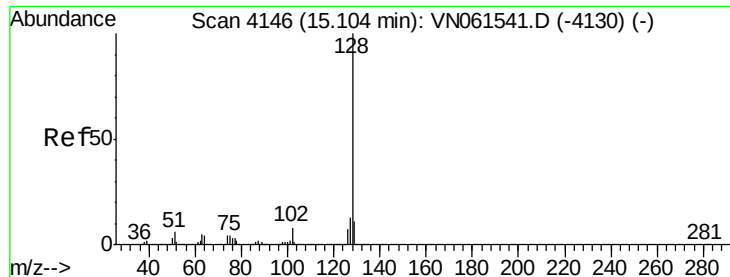
Tot Ion:180 Resp: 88438
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.8 143.3
 145 32.9 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 18.743 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061621.D
 Acq: 2 Jun 2020 16:02

Tgt Ion:225 Resp: 37703
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.9 95.5
 227 63.3 31.9 95.9





#95

Naphthalene

Concen: 19.650 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

Instrument :

MSVOA_N

ClientSampleId :

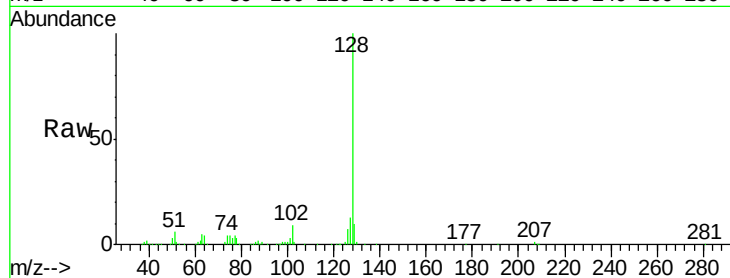
Tot Ion:128 Resp: 282096

Ion Ratio Lower Upper

128 100

127 12.3 10.0 15.0

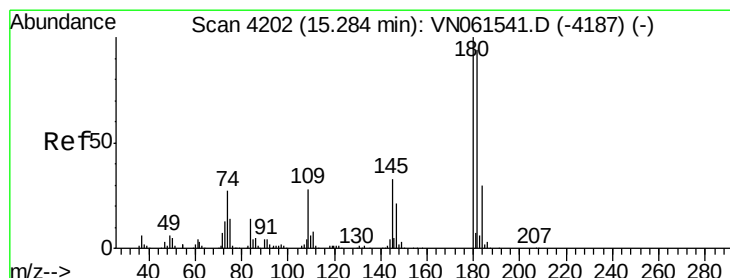
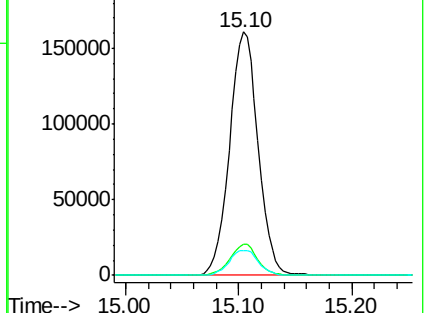
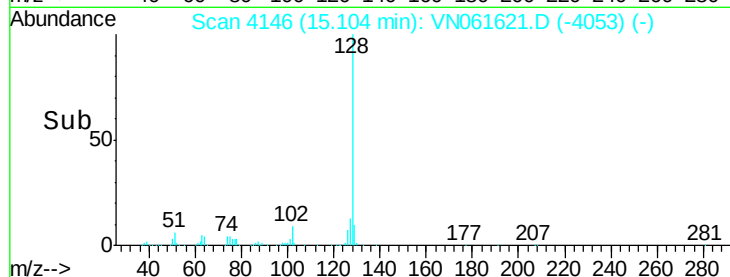
129 10.7 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.082 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061621.D

Acq: 2 Jun 2020 16:02

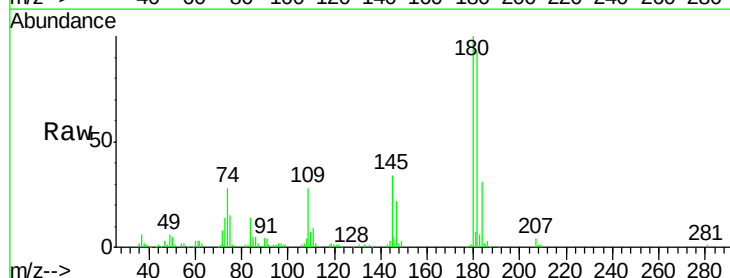
Tgt Ion:180 Resp: 88489

Ion Ratio Lower Upper

180 100

182 93.0 47.1 141.3

145 33.7 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

