

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
 Data File : VN061559.D
 Acq On : 29 May 2020 12:05
 Operator : JC/MD
 Sample : VN0529WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 30 04:41:41 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	325113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	551767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	521532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	251234	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	205818	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
35) Dibromofluoromethane	7.54	113	153667	54.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.80%	
50) Toluene-d8	10.06	98	654101	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.37	95	234816	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	71915	19.867	ug/l	98
3) Chloromethane	2.03	50	78602	19.822	ug/l	99
4) Vinyl Chloride	2.16	62	105001	19.323	ug/l	97
5) Bromomethane	2.54	94	64504	20.687	ug/l	99
6) Chloroethane	2.67	64	68393	19.554	ug/l	99
7) Trichlorofluoromethane	2.98	101	140860	20.102	ug/l	99
8) Diethyl Ether	3.37	74	41670	19.448	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	61401	19.746	ug/l	99
10) Methyl Iodide	3.91	142	81486	18.877	ug/l	99
11) Tert butyl alcohol	4.73	59	61608	119.576	ug/l	98
12) 1,1-Dichloroethene	3.69	96	60922	18.338	ug/l	96
13) Acrolein	3.56	56	15034	79.874	ug/l	95
14) Allyl chloride	4.27	41	82086	18.900	ug/l	98
15) Acrylonitrile	4.93	53	140786	97.898	ug/l	99
16) Acetone	3.77	43	118710	107.670	ug/l	98
17) Carbon Disulfide	4.00	76	146860	20.093	ug/l	99
18) Methyl Acetate	4.27	43	67377	19.215	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	223222	19.716	ug/l	99
20) Methylene Chloride	4.50	84	70666	18.993	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	69286	18.494	ug/l	97
22) Diisopropyl ether	5.90	45	187693	19.608	ug/l	98
23) Vinyl Acetate	5.84	43	752056	98.573	ug/l	99
24) 1,1-Dichloroethane	5.79	63	115848	19.085	ug/l	99
25) 2-Butanone	6.78	43	179856	97.973	ug/l	100
26) 2,2-Dichloropropane	6.77	77	109976	19.795	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	81824	19.288	ug/l	97
28) Bromochloromethane	7.14	49	51336	21.739	ug/l	99
29) Tetrahydrofuran	7.16	42	119881	99.031	ug/l	100
30) Chloroform	7.33	83	130727	19.467	ug/l	99
31) Cyclohexane	7.61	56	107823	19.751	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	116961	19.114	ug/l	99
36) 1,1-Dichloropropene	7.75	75	92302	18.897	ug/l	99
37) Ethyl Acetate	6.88	43	72794	18.503	ug/l	97
38) Carbon Tetrachloride	7.73	117	89164	18.925	ug/l	98

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Quant Time: May 30 04:41:41 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	9.05	83	116882	19.414	ug/l	98
40) Benzene	8.00	78	288667	19.154	ug/l	100
41) Methacrylonitrile	7.12	41	31515	17.484	ug/l	96
42) 1,2-Dichloroethane	8.08	62	99570	19.734	ug/l	97
43) Isopropyl Acetate	8.12	43	138128	19.515	ug/l	99
44) Trichloroethene	8.80	130	86315	18.636	ug/l	98
45) 1,2-Dichloropropane	9.08	63	70102	19.589	ug/l	99
46) Dibromomethane	9.17	93	53443	19.471	ug/l	95
47) Bromodichloromethane	9.37	83	105073	19.323	ug/l	98
48) Methyl methacrylate	9.17	41	57882	18.176	ug/l	98
49) 1,4-Dioxane	9.16	88	26860	544.454	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	385334	96.607	ug/l	99
52) Toluene	10.12	92	189821	19.297	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	112746	19.247	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	120677	19.159	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	77057	19.662	ug/l	96
56) Ethyl methacrylate	10.40	69	104700	19.125	ug/l	99
57) 1,3-Dichloropropane	10.68	76	124408	19.848	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	237006	101.306	ug/l	99
59) 2-Hexanone	10.72	43	271907	94.921	ug/l	100
60) Dibromochloromethane	10.87	129	85384	19.164	ug/l	100
61) 1,2-Dibromoethane	10.98	107	79868	19.540	ug/l	99
64) Tetrachloroethene	10.60	164	88996	18.128	ug/l	96
65) Chlorobenzene	11.41	112	203548	18.776	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	76122	18.858	ug/l	98
67) Ethyl Benzene	11.48	91	359092	19.165	ug/l	99
68) m/p-Xylenes	11.59	106	280903	37.810	ug/l	99
69) o-Xylene	11.92	106	134794	19.102	ug/l	99
70) Styrene	11.94	104	218622	18.709	ug/l	97
71) Bromoform	12.10	173	54304	17.459	ug/l #	100
73) Isopropylbenzene	12.22	105	356707	19.453	ug/l	99
74) N-amyl acetate	12.04	43	109321	18.931	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	98220	19.114	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	128246	28.072	ug/l #	100
77) Bromobenzene	12.50	156	86910	18.568	ug/l	94
78) n-propylbenzene	12.56	91	399813	19.531	ug/l	99
79) 2-Chlorotoluene	12.65	91	234047	19.174	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	297357	19.402	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	32436	18.157	ug/l	98
82) 4-Chlorotoluene	12.75	91	244384	19.031	ug/l	100
83) tert-Butylbenzene	12.97	119	260200	19.215	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	301970	19.833	ug/l	99
85) sec-Butylbenzene	13.15	105	337780	19.358	ug/l	98
86) p-Isopropyltoluene	13.26	119	315116	19.610	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	156675	18.903	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	158718	18.797	ug/l	98
89) n-Butylbenzene	13.59	91	263532	19.580	ug/l	99
90) Hexachloroethane	13.85	117	37370	21.028	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	151199	19.089	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	19350	18.464	ug/l	93

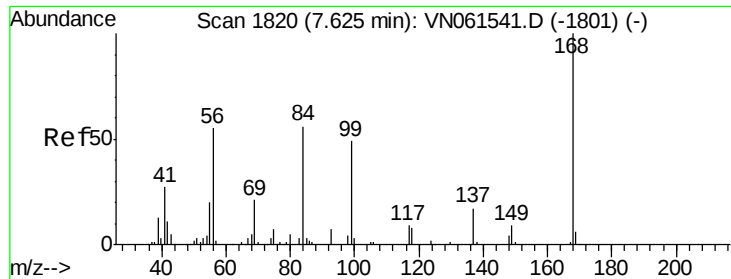
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
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Instrument :
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ClientSampleId :

Quant Time: May 30 04:41:41 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)
93) 1,2,4-Trichlorobenzene	14.88	180	86966	18.773	ug/l	98
94) Hexachlorobutadiene	14.98	225	36634	18.542	ug/l	99
95) Naphthalene	15.10	128	263883	18.715	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	84545	18.562	ug/l	98

(#) = 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: VN061559.D

Acq: 29 May 2020 12:05

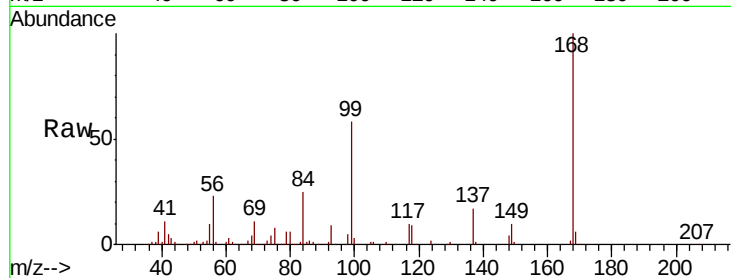
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 325113

Ion Ratio Lower Upper

168 100

99 58.0 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

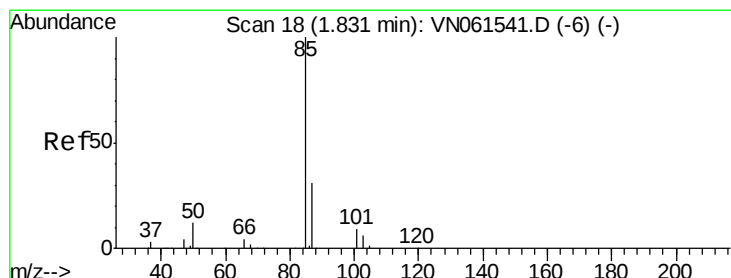
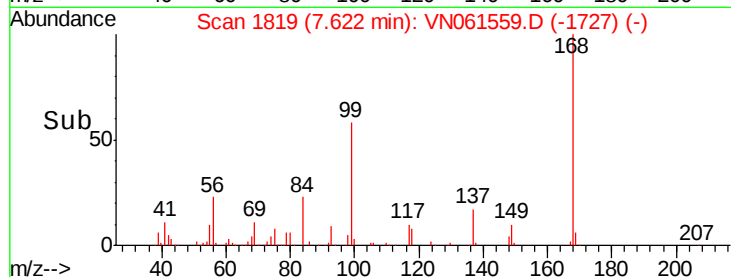
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.867 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061559.D

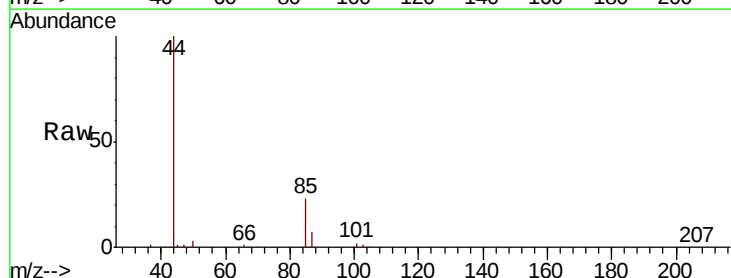
Acq: 29 May 2020 12:05

Tgt Ion: 85 Resp: 71915

Ion Ratio Lower Upper

85 100

87 32.1 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

60000

50000

40000

30000

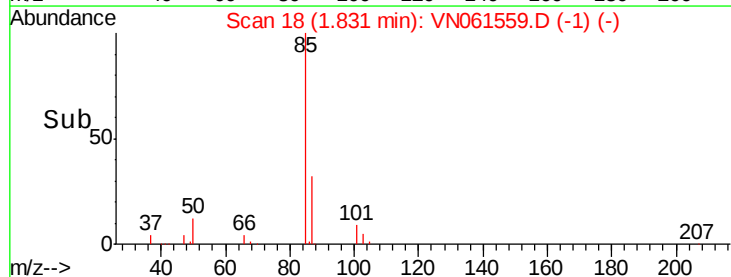
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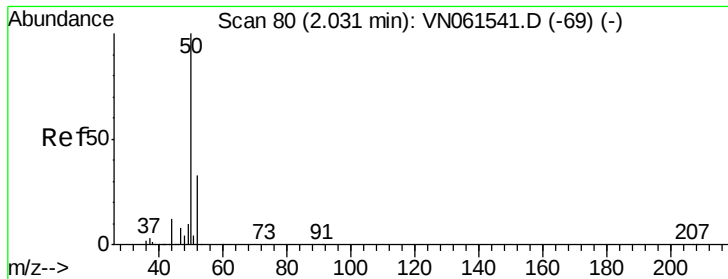
10000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 19.822 ug/l

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

Instrument :

MSVOA_N

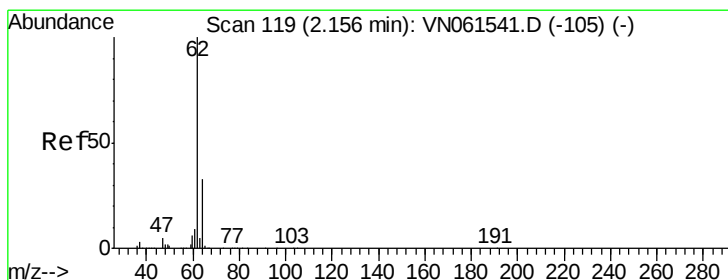
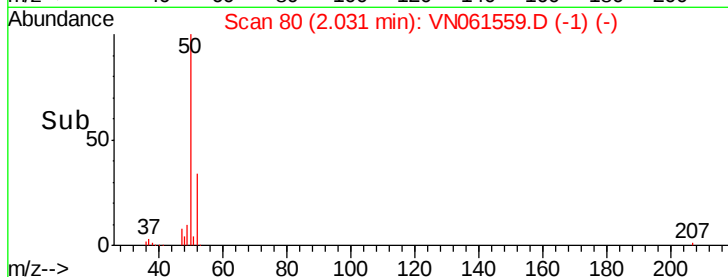
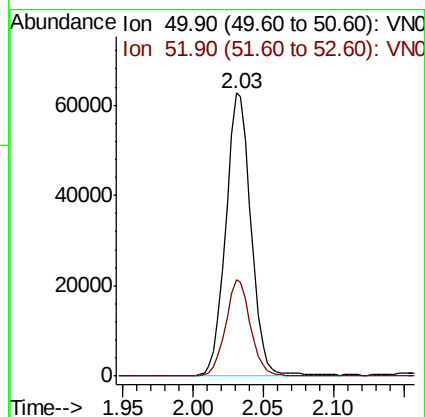
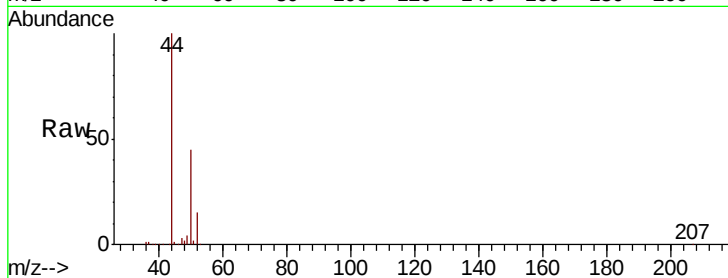
ClientSampleId :

Tot Ion: 50 Resp: 78602

Ion Ratio Lower Upper

50 100

52 34.2 26.7 40.1



#4

Vinyl Chloride

Concen: 19.323 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061559.D

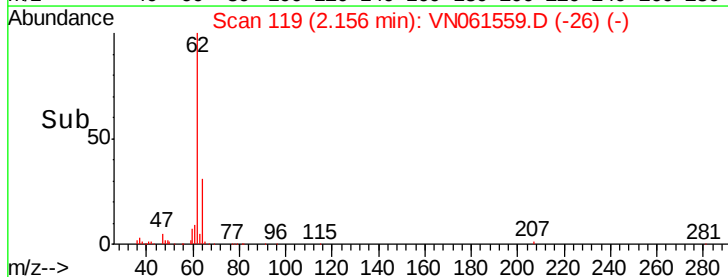
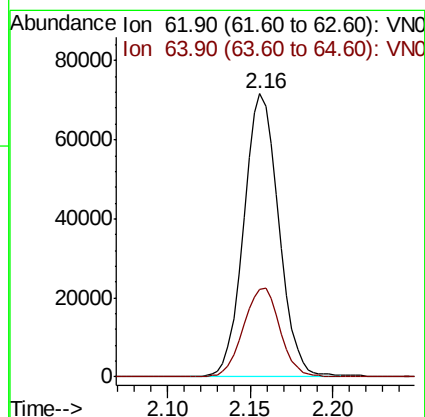
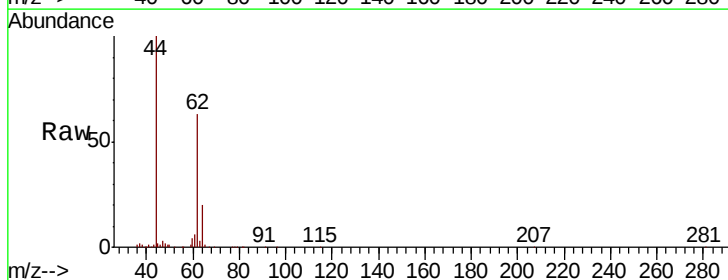
Acq: 29 May 2020 12:05

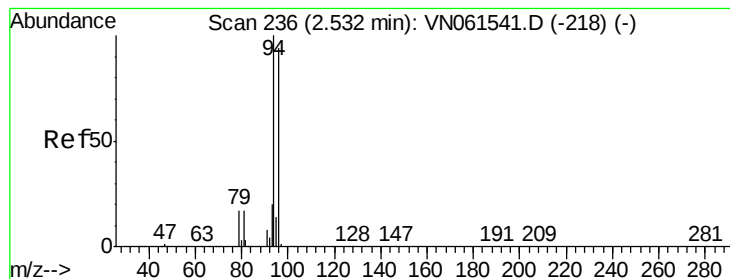
Tgt Ion: 62 Resp: 105001

Ion Ratio Lower Upper

62 100

64 31.2 26.2 39.2





#5

Bromomethane

Concen: 20.687 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

Instrument :

MSVOA_N

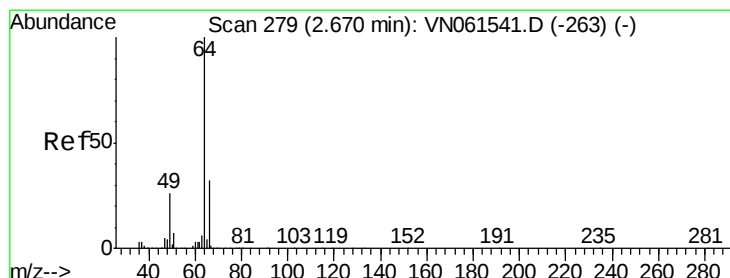
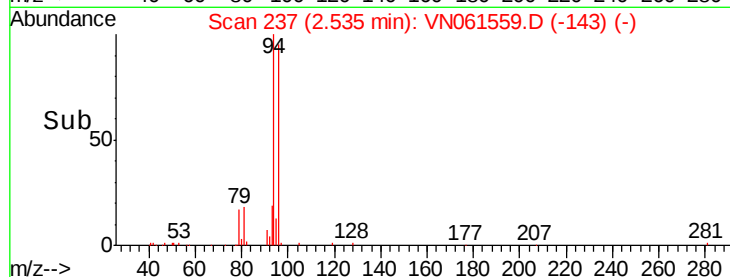
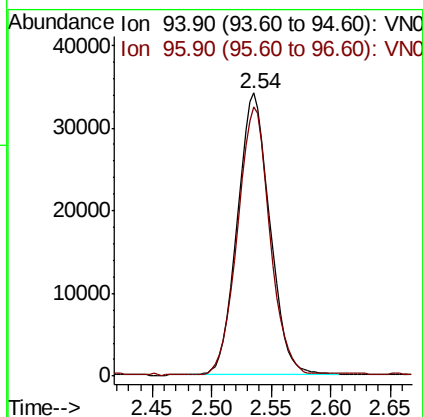
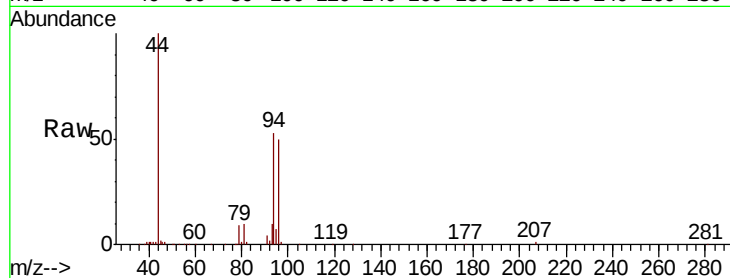
ClientSampleId :

Tot Ion: 94 Resp: 64504

Ion Ratio Lower Upper

94 100

96 94.9 74.8 112.2



#6

Chloroethane

Concen: 19.554 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.00 min

Lab File: VN061559.D

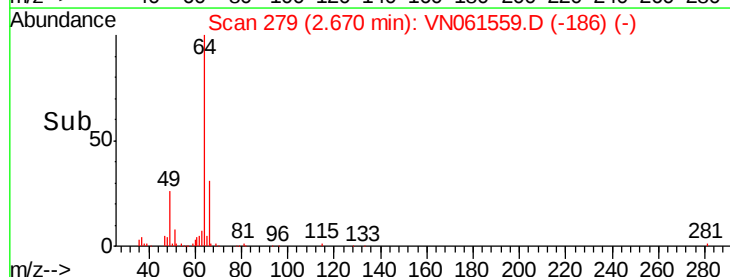
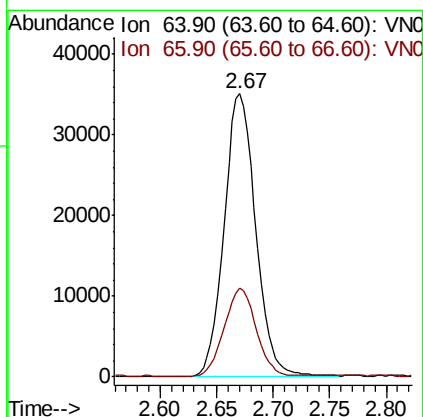
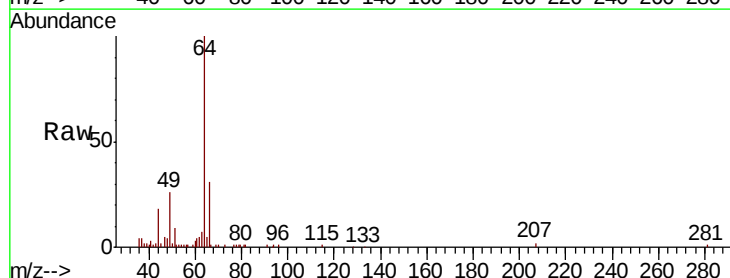
Acq: 29 May 2020 12:05

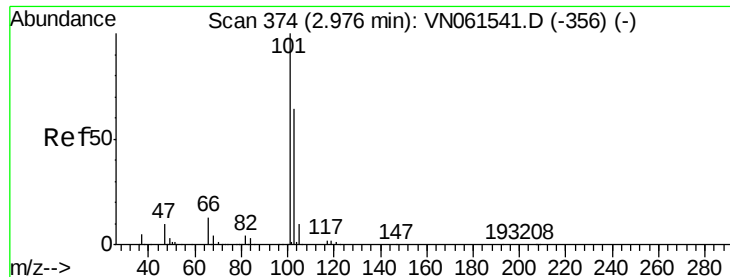
Tgt Ion: 64 Resp: 68393

Ion Ratio Lower Upper

64 100

66 31.2 25.6 38.4



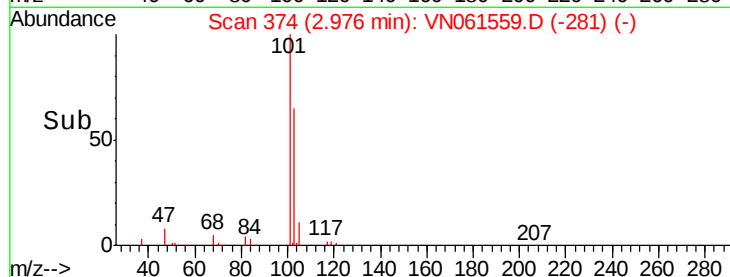
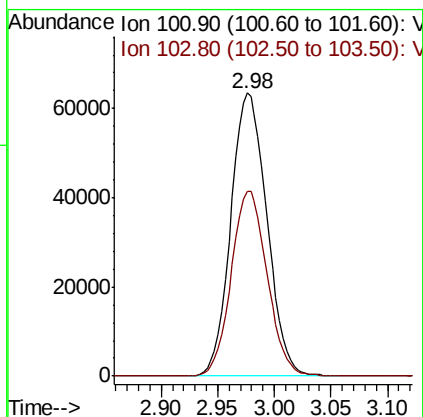
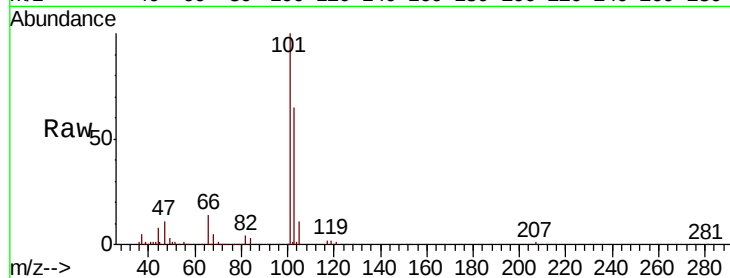


#7

Trichlorofluoromethane
 Concen: 20.102 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN061559.D
 Acq: 29 May 2020 12:05

Instrument :
 MSVOA_N
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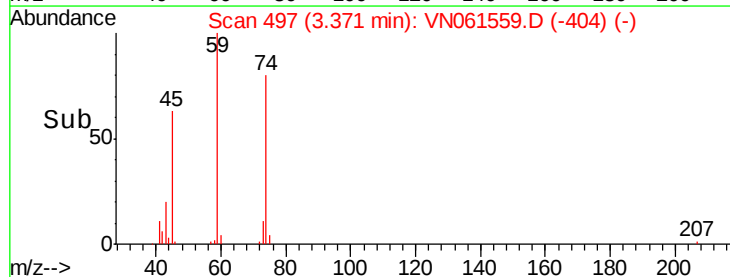
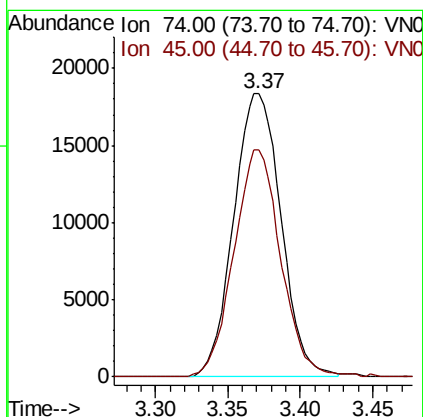
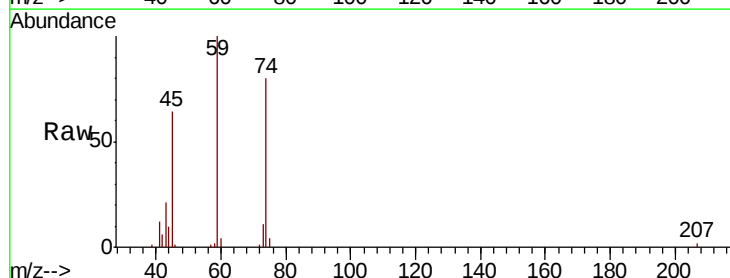
Tot Ion:101 Resp: 140860
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.4 77.2

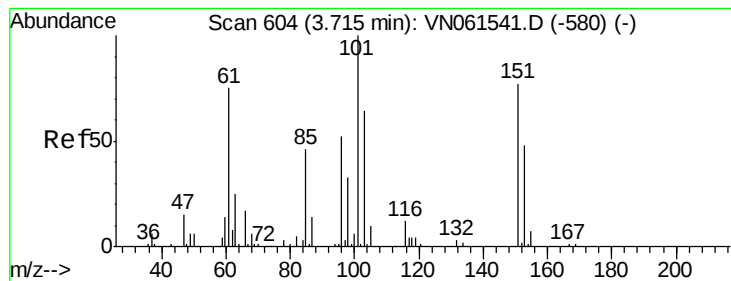


#8

Diethyl Ether
 Concen: 19.448 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN061559.D
 Acq: 29 May 2020 12:05

Tgt Ion: 74 Resp: 41670
 Ion Ratio Lower Upper
 74 100
 45 79.2 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.746 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

Instrument :

MSVOA_N

ClientSampleId :

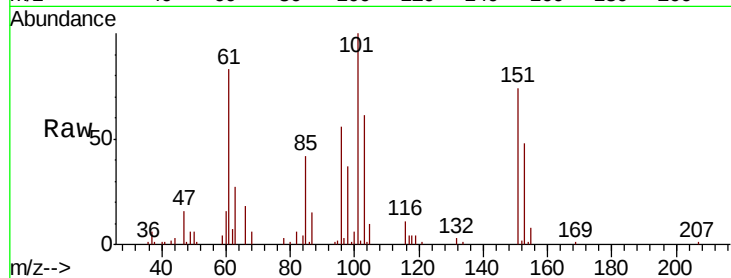
Tot Ion:101 Resp: 61401

Ion Ratio Lower Upper

101 100

85 43.0 35.2 52.8

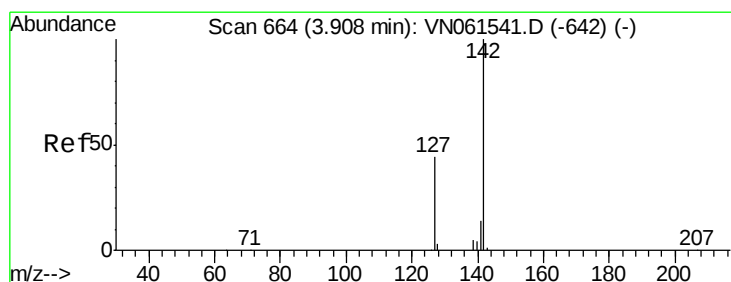
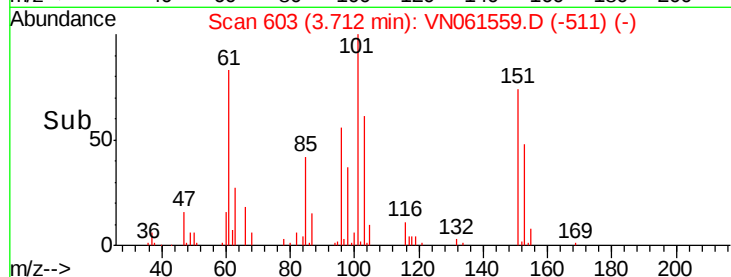
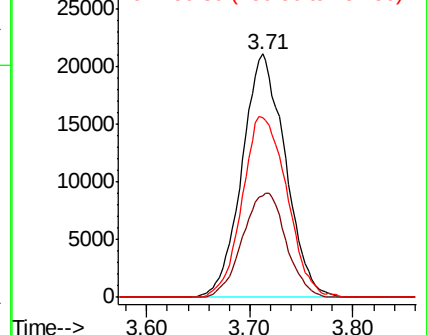
151 76.8 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.877 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

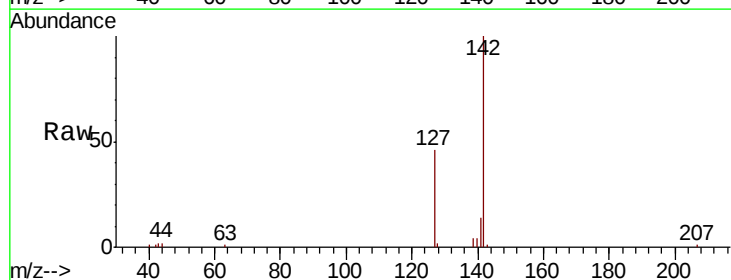
Tgt Ion:142 Resp: 81486

Ion Ratio Lower Upper

142 100

127 45.4 35.5 53.3

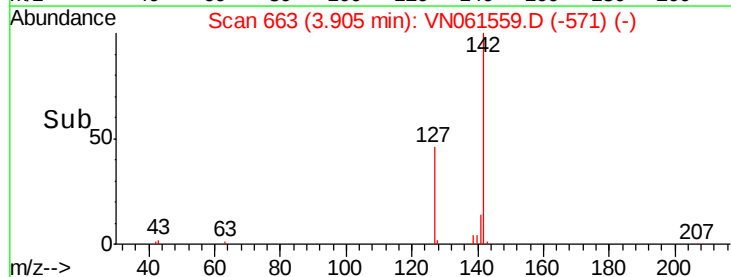
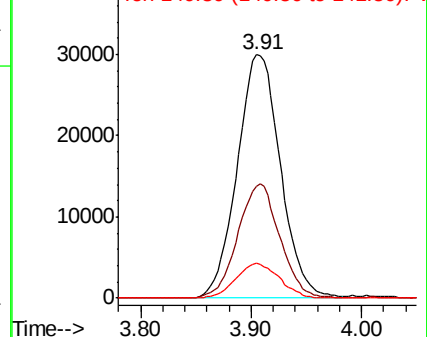
141 14.3 11.5 17.3

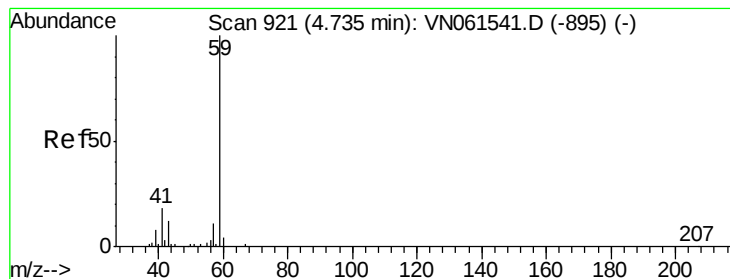


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



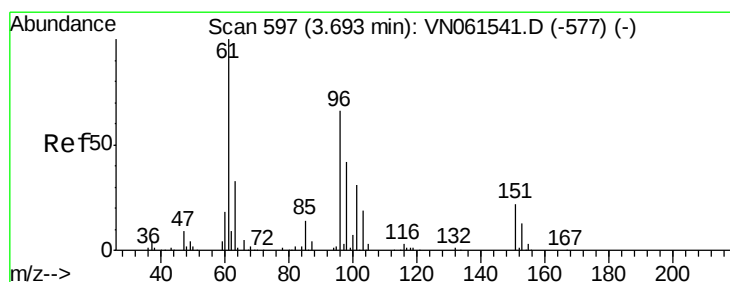
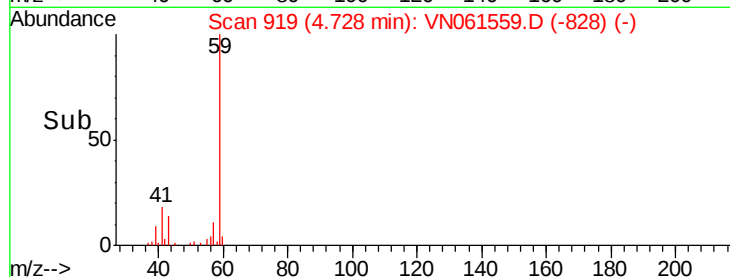
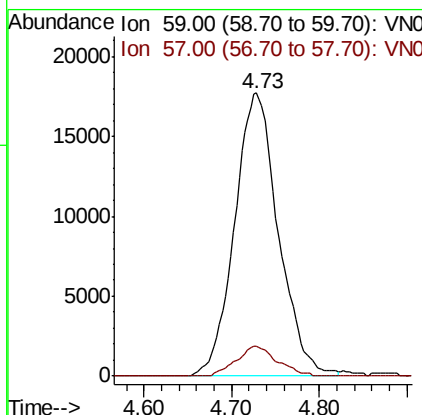
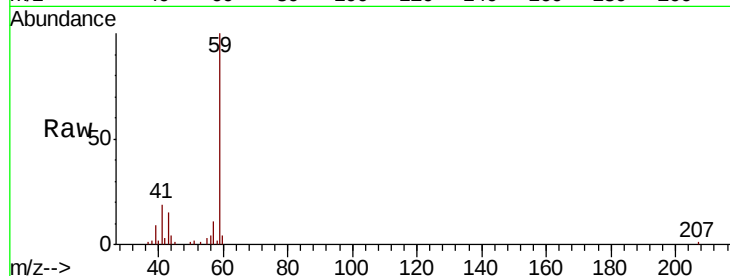


#11

Tert butyl alcohol
 Concen: 119.576 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VN061559.D
 Acq: 29 May 2020 12:05

Instrument :
 MSVOA_N
 ClientSampleId :

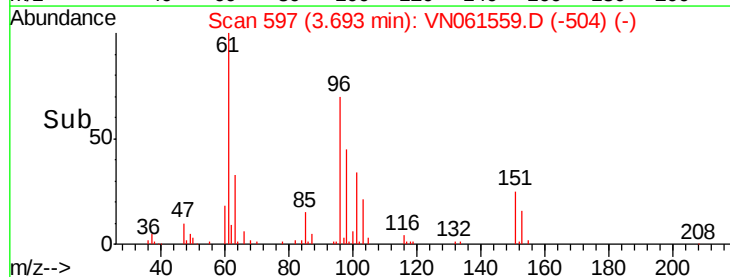
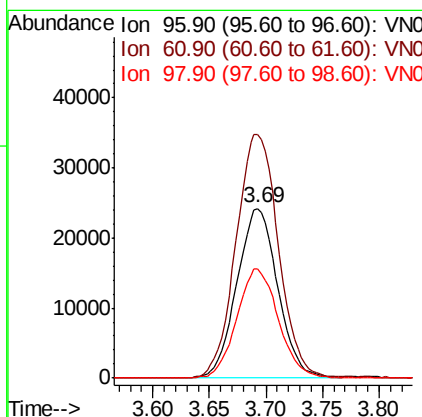
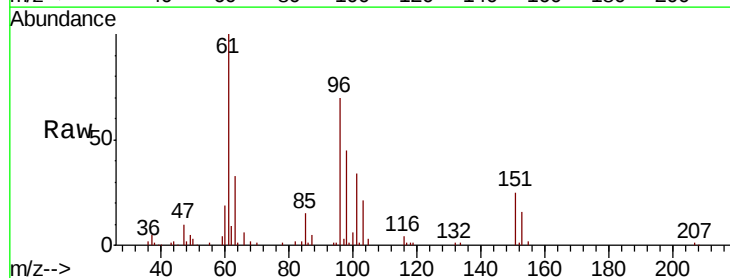
Tot Ion: 59 Resp: 61608
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.4 12.6

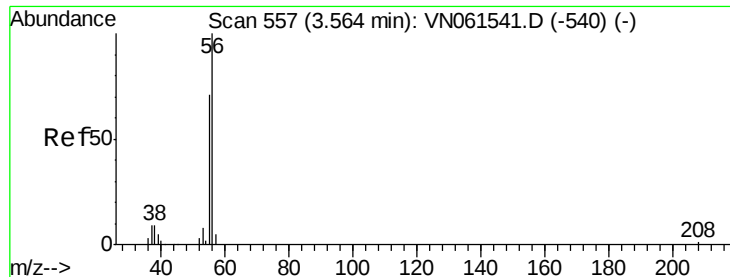


#12

1,1-Dichloroethene
 Concen: 18.338 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN061559.D
 Acq: 29 May 2020 12:05

Tgt Ion: 96 Resp: 60922
 Ion Ratio Lower Upper
 96 100
 61 143.4 120.5 180.7
 98 64.5 50.8 76.2





#13

Acrolein

Concen: 79.874 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

Instrument :

MSVOA_N

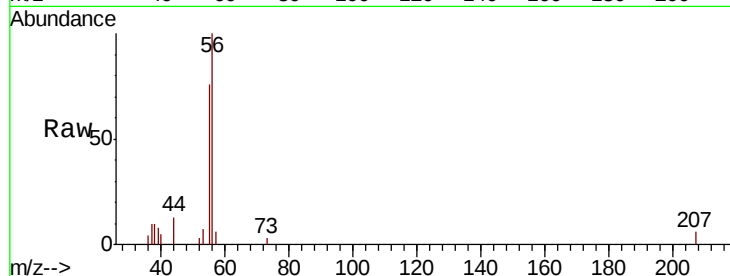
ClientSampleId :

Tot Ion: 56 Resp: 15034

Ion Ratio Lower Upper

56 100

55 68.0 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061541.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN061541.D (-540) (-)

3.56

6000

5000

4000

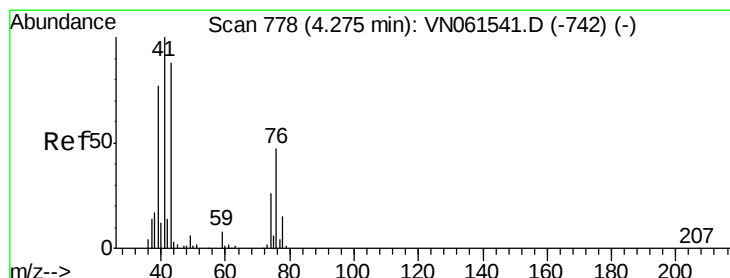
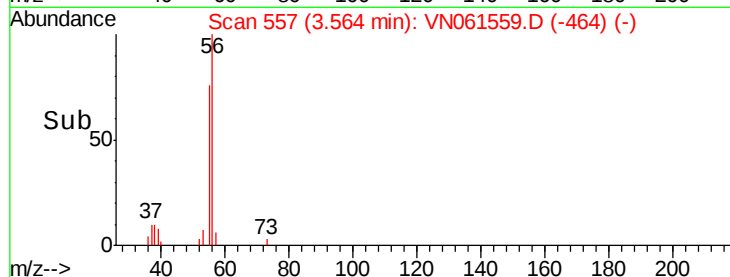
3000

2000

1000

0

Time-->



#14

Allyl chloride

Concen: 18.900 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

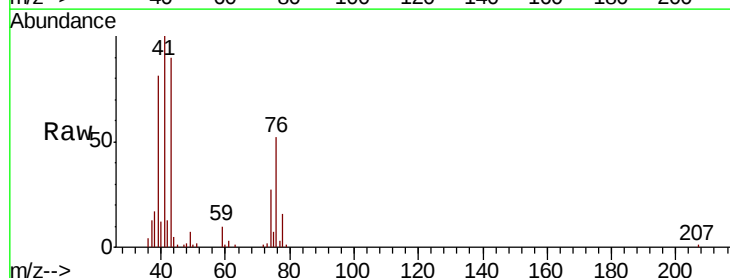
Tgt Ion: 41 Resp: 82086

Ion Ratio Lower Upper

41 100

39 74.9 58.6 88.0

76 44.0 34.2 51.4



Abundance Ion 41.00 (40.70 to 41.70): VN061541.D (-742) (-)

Ion 39.00 (38.70 to 39.70): VN061541.D (-742) (-)

Ion 75.90 (75.60 to 76.60): VN061541.D (-742) (-)

4.27

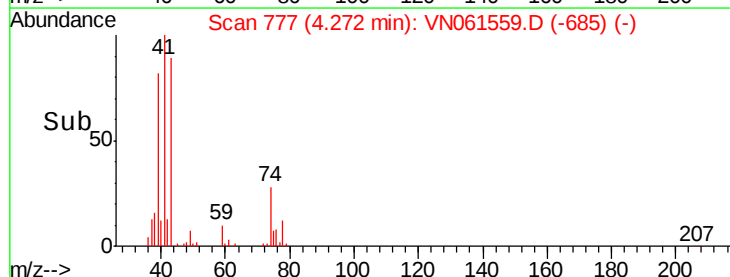
30000

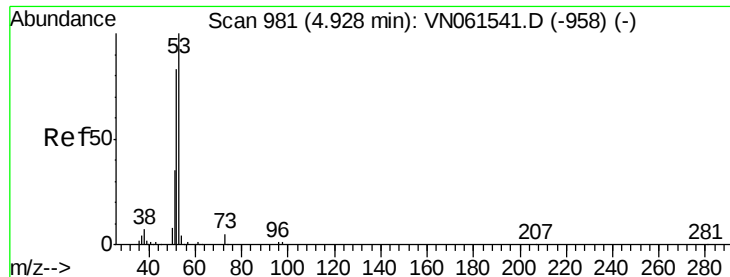
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 97.898 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

Instrument :

MSVOA_N

ClientSampled :

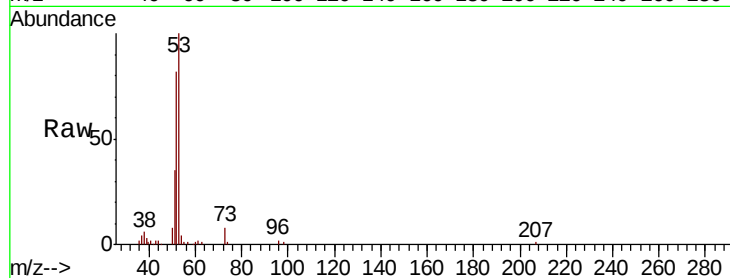
Tot Ion: 53 Resp: 140786

Ion Ratio Lower Upper

53 100

52 83.2 65.4 98.2

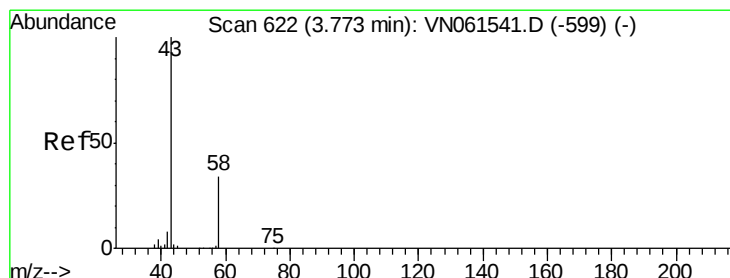
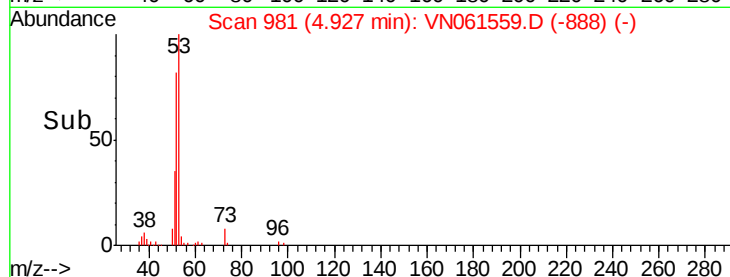
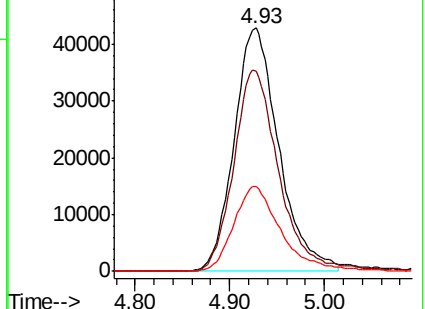
51 36.7 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN061559.D (-888) (-)

Ion 52.00 (51.70 to 52.70): VN061559.D (-888) (-)

Ion 51.00 (50.70 to 51.70): VN061559.D (-888) (-)



#16

Acetone

Concen: 107.670 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061559.D

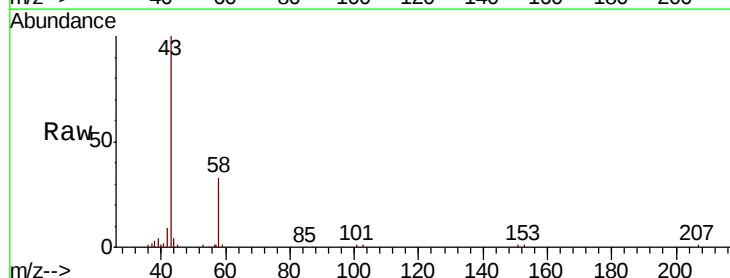
Acq: 29 May 2020 12:05

Tgt Ion: 43 Resp: 118710

Ion Ratio Lower Upper

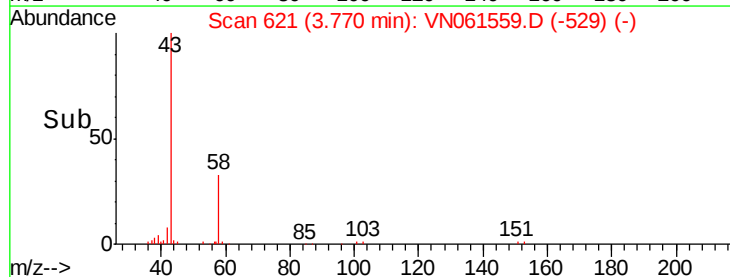
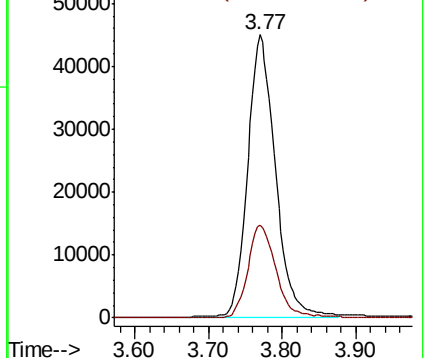
43 100

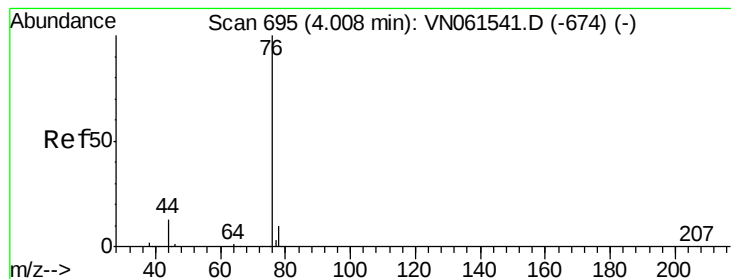
58 32.9 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN061559.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN061559.D (-529) (-)





#17

Carbon Disulfide

Concen: 20.093 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

Instrument :

MSVOA_N

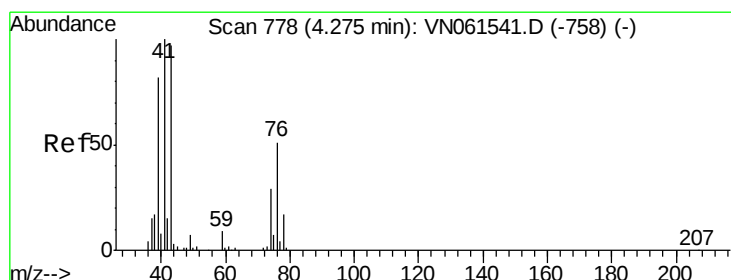
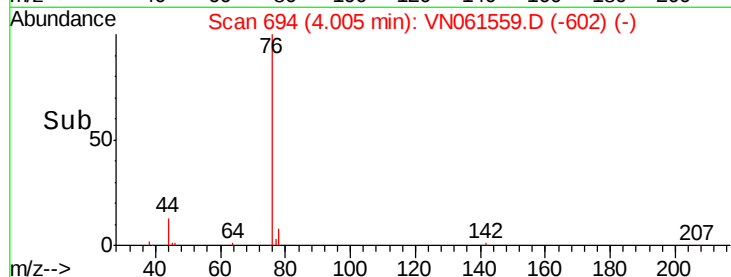
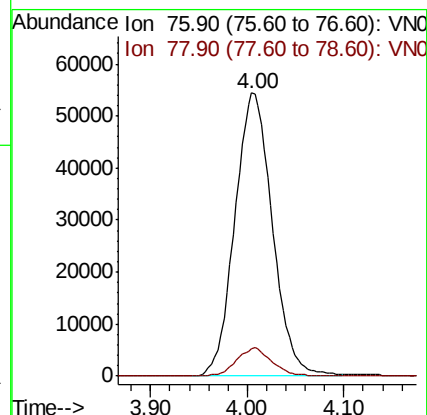
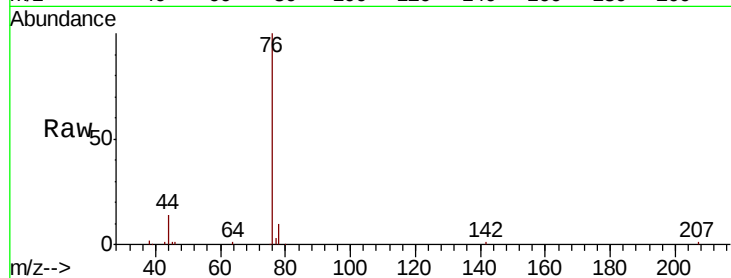
ClientSampled :

Tot Ion: 76 Resp: 146860

Ion Ratio Lower Upper

76 100

78 9.5 7.8 11.6



#18

Methyl Acetate

Concen: 19.215 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061559.D

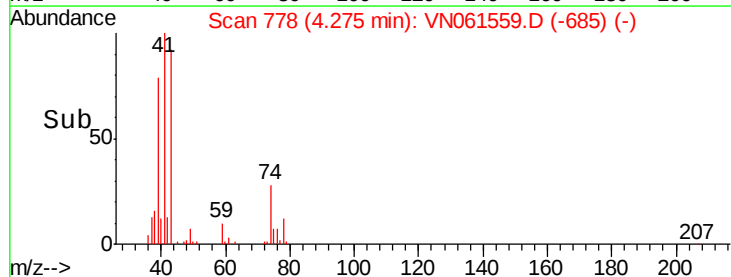
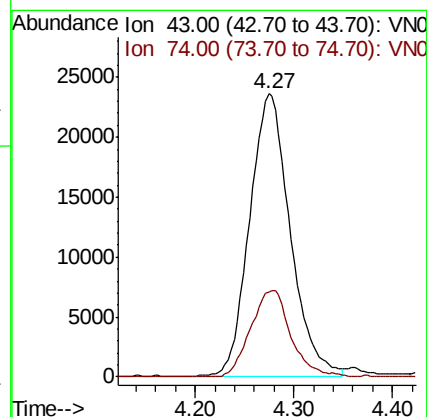
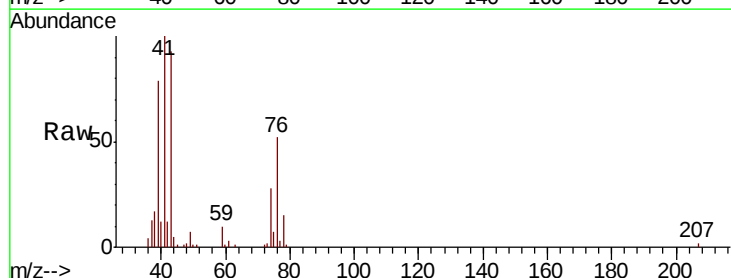
Acq: 29 May 2020 12:05

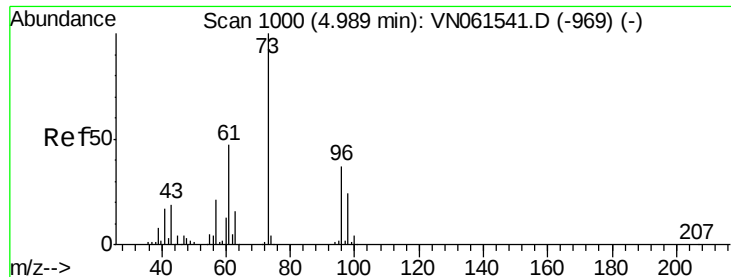
Tgt Ion: 43 Resp: 67377

Ion Ratio Lower Upper

43 100

74 30.2 23.2 34.8

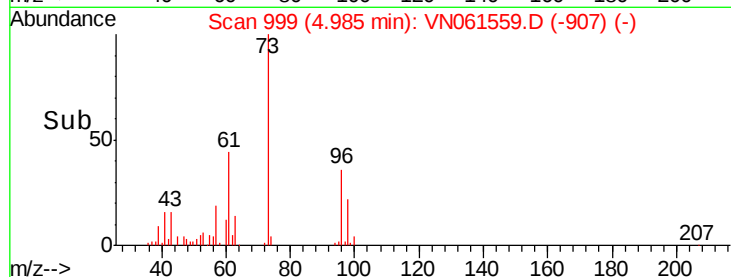
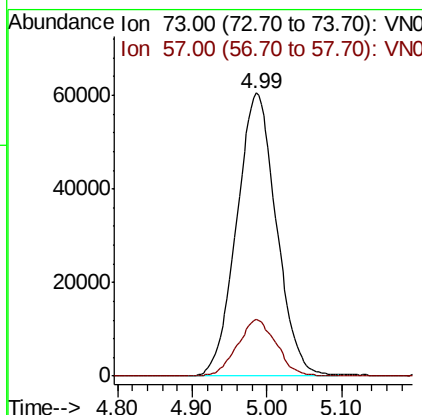
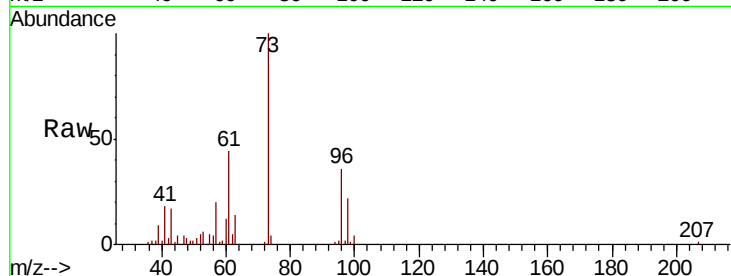




#19
Methvl tert-butvl Ether
Concen: 19.716 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

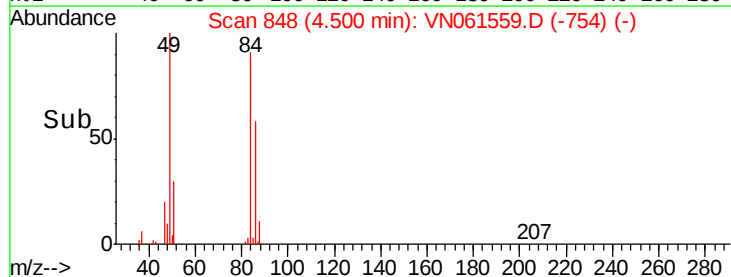
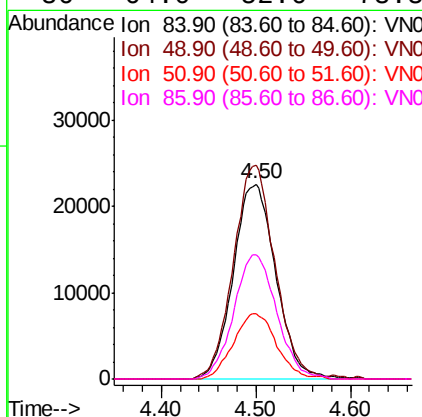
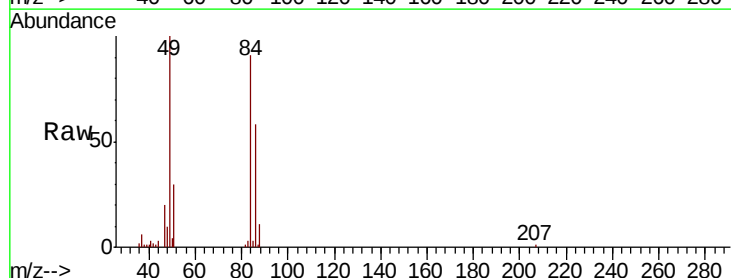
Instrument :
MSVOA_N
ClientSampleId :

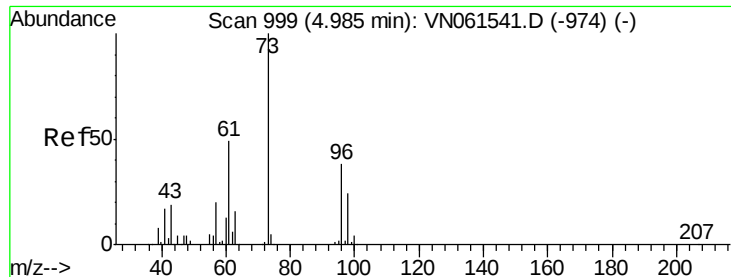
Tot Ion: 73 Resp: 223222
Ion Ratio Lower Upper
73 100
57 19.9 16.4 24.6



#20
Methylene Chloride
Concen: 18.993 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

Tgt Ion: 84 Resp: 70666
Ion Ratio Lower Upper
84 100
49 109.7 85.8 128.8
51 33.3 26.2 39.2
86 64.0 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 18.494 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

Instrument :

MSVOA_N

ClientSampleId :

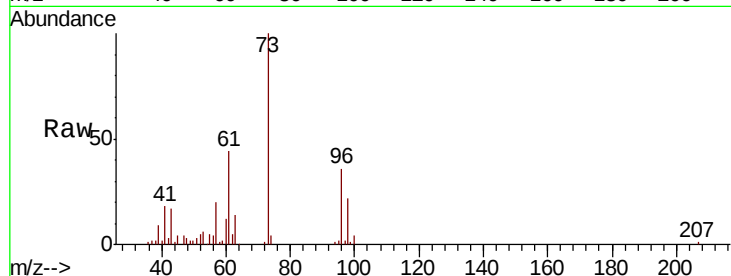
Tot Ion: 96 Resp: 69286

Ion Ratio Lower Upper

96 100

61 122.7 101.4 152.0

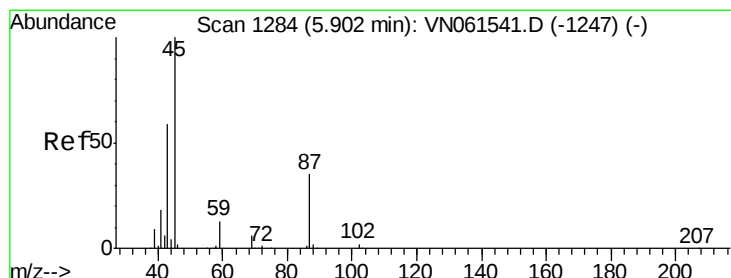
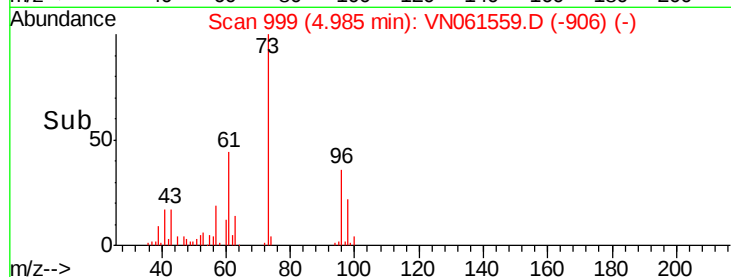
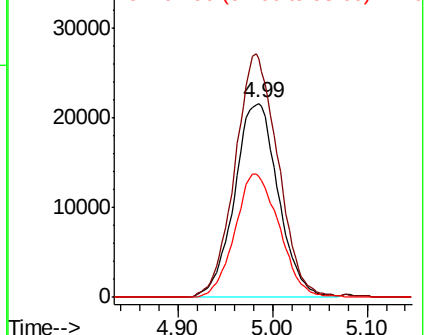
98 62.4 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061559.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN061559.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN061559.D (-906) (-)



#22

Diisopropyl ether

Concen: 19.608 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

Tgt Ion: 45 Resp: 187693

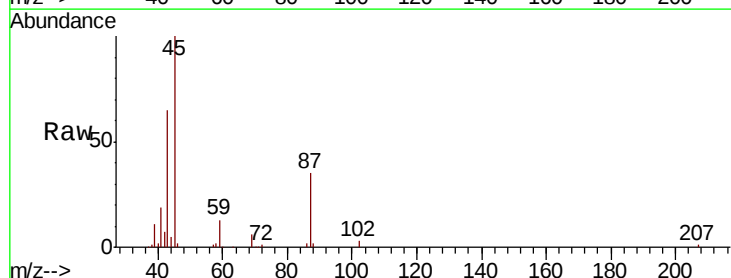
Ion Ratio Lower Upper

45 100

43 62.0 47.9 71.9

87 34.9 28.4 42.6

59 12.7 10.5 15.7

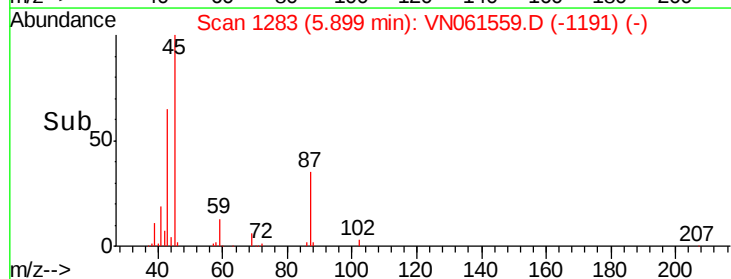
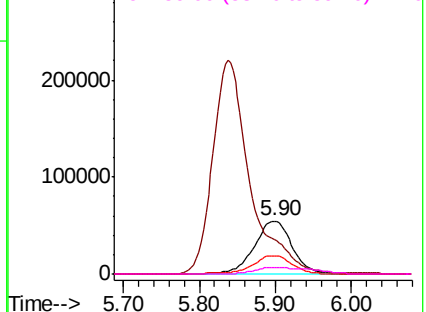


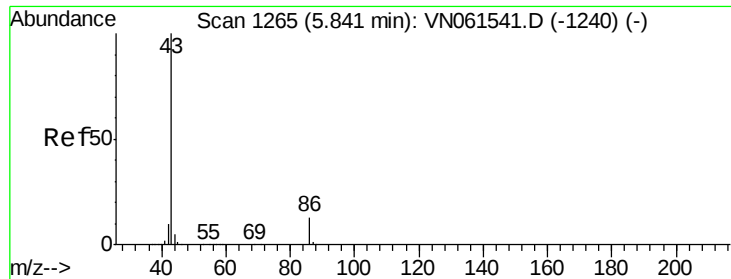
Abundance Ion 45.00 (44.70 to 45.70): VN061559.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061559.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061559.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061559.D (-1191) (-)





#23

Vinyl Acetate

Concen: 98.573 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

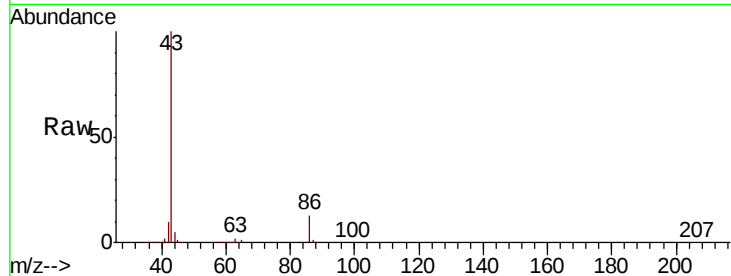
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 752056

Ion Ratio Lower Upper

43 100

86 13.0 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-1240) (-)

Ion 86.00 (85.70 to 86.70): VN061541.D (-1240) (-)

5.84

250000

200000

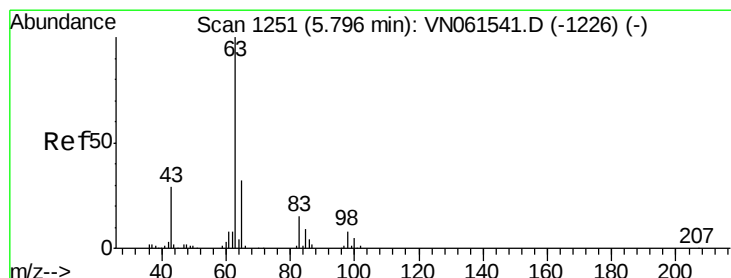
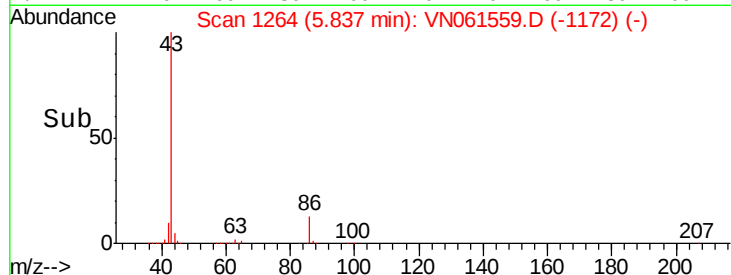
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.085 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

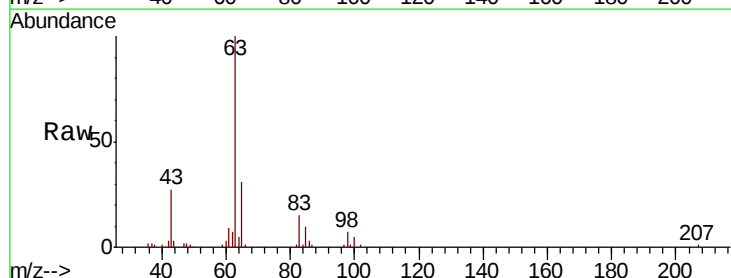
Tgt Ion: 63 Resp: 115848

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.5 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VN061541.D (-1226) (-)

Ion 97.90 (97.60 to 98.60): VN061541.D (-1226) (-)

Ion 99.90 (99.60 to 100.60): VN061541.D (-1226) (-)

5.79

50000

40000

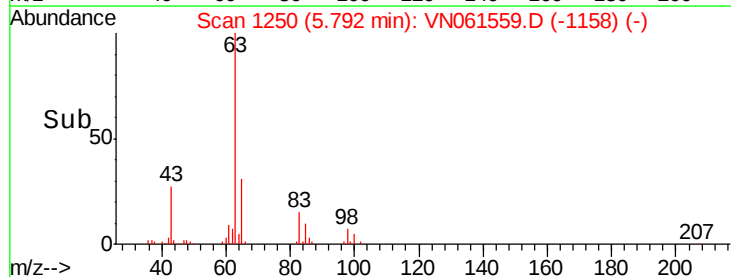
30000

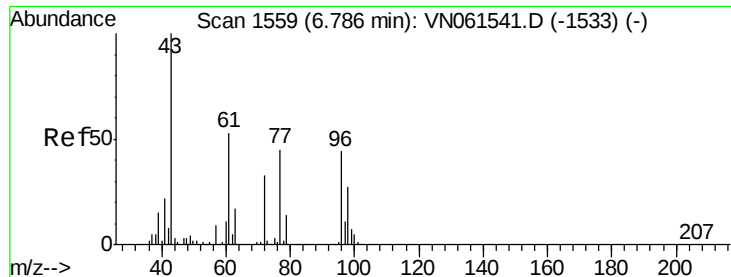
20000

10000

0

Time-->

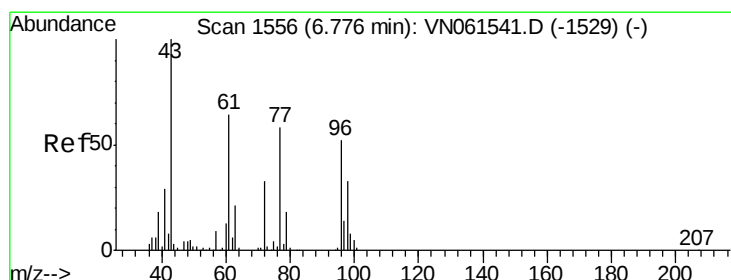
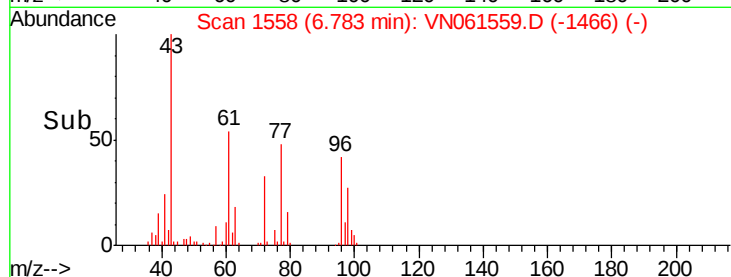
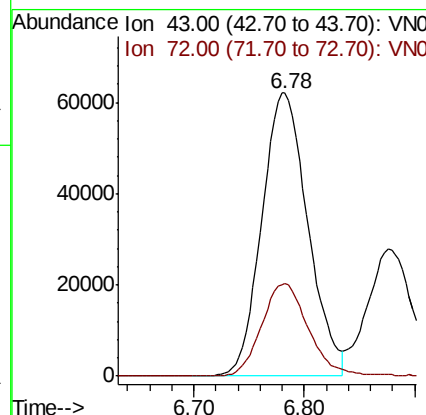
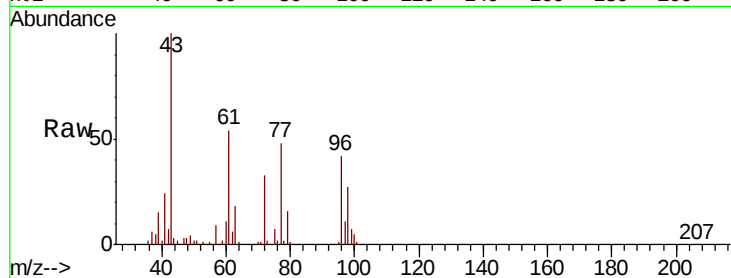




#25
2-Butanone
Concen: 97.973 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

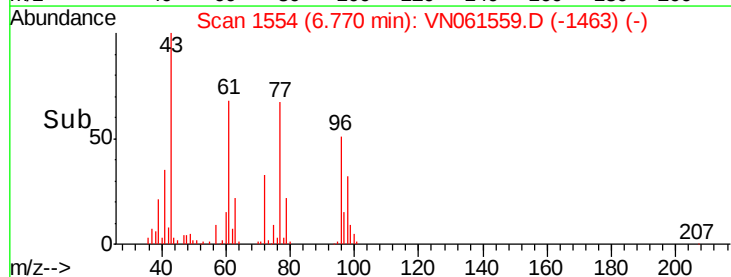
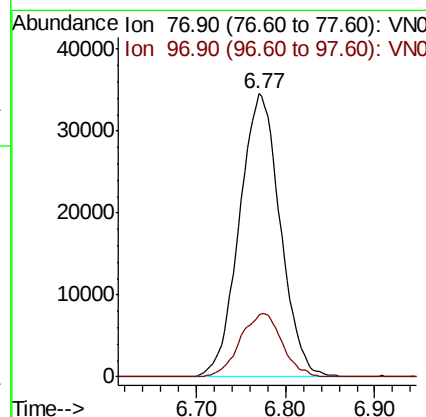
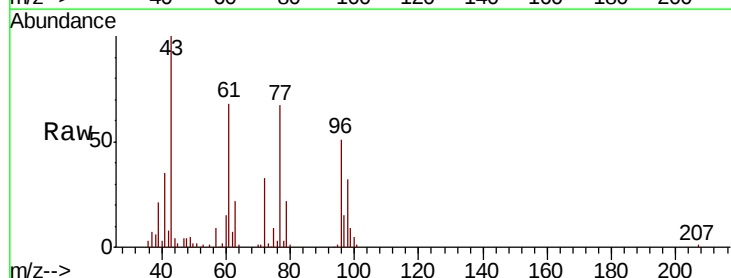
Instrument :
MSVOA_N
ClientSampleId :

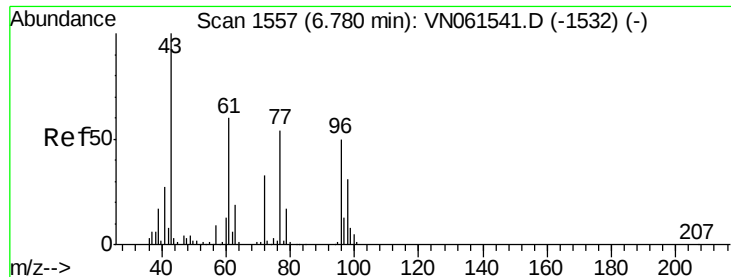
Tot Ion: 43 Resp: 179856
Ion Ratio Lower Upper
43 100
72 32.7 26.0 39.0



#26
2,2-Dichloropropane
Concen: 19.795 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

Tgt Ion: 77 Resp: 109976
Ion Ratio Lower Upper
77 100
97 22.9 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 19.288 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

Instrument :
MSVOA_N
ClientSampleId :

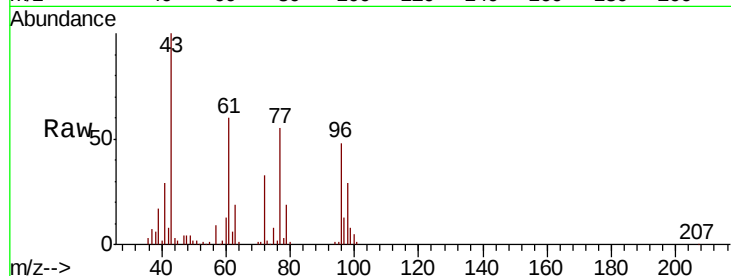
Tot Ion: 96 Resp: 81824

Ion Ratio Lower Upper

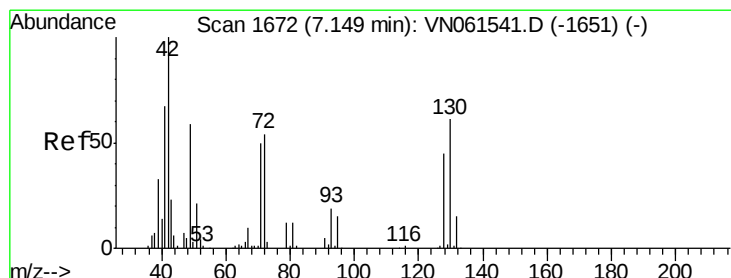
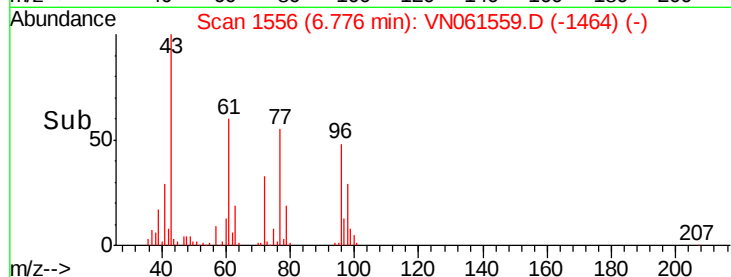
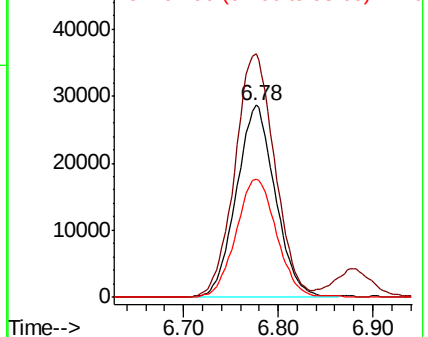
96 100

61 130.4 0.0 252.2

98 64.0 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: 21.739 ug/l

RT: 7.14 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

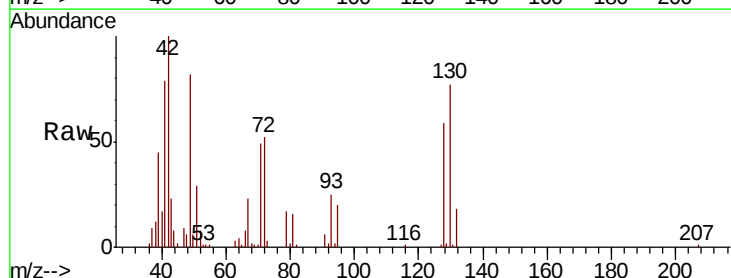
Tgt Ion: 49 Resp: 51336

Ion Ratio Lower Upper

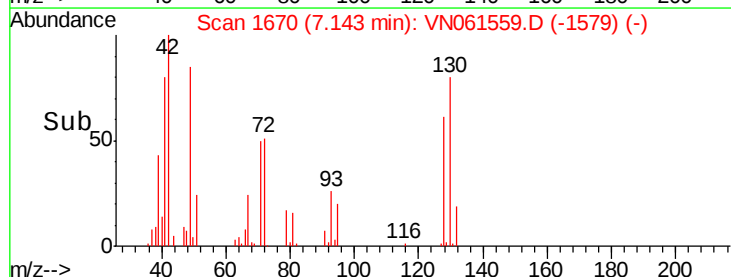
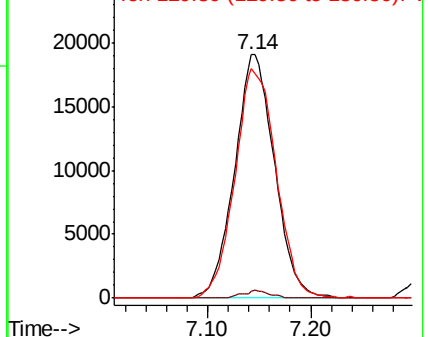
49 100

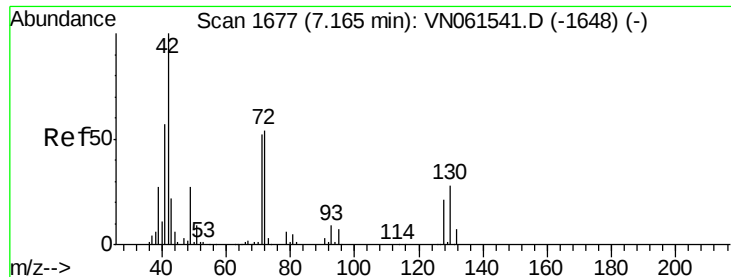
129 2.1 0.0 4.8

130 97.5 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

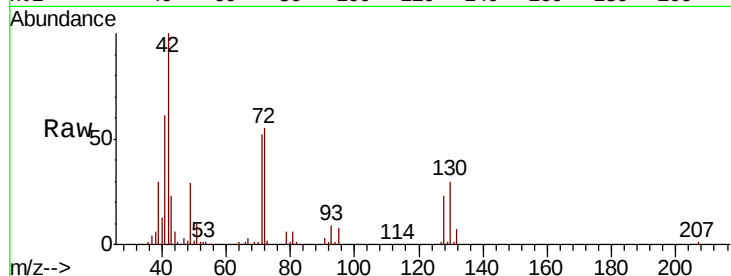




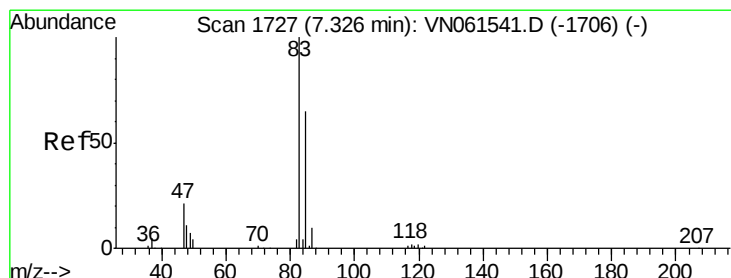
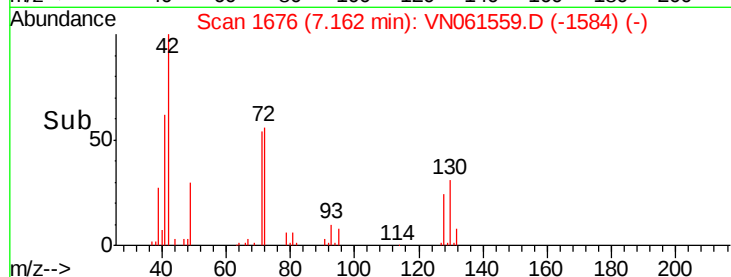
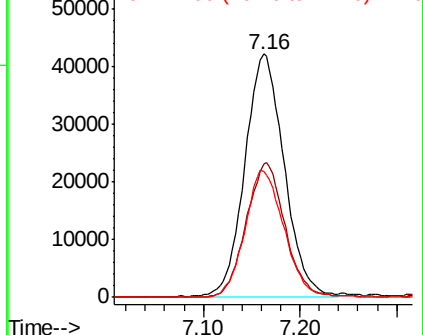
#29
Tetrahydrofuran
Concen: 99.031 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 119881
Ion Ratio Lower Upper
42 100
72 54.2 43.6 65.4
71 51.4 41.2 61.8

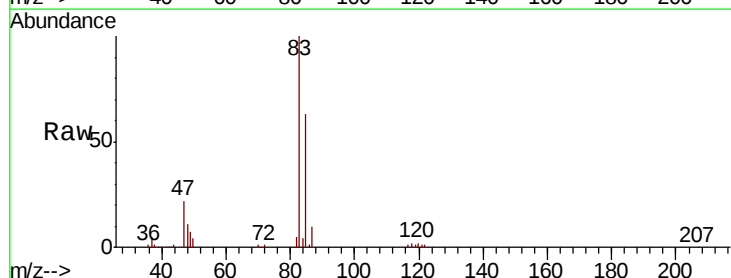


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

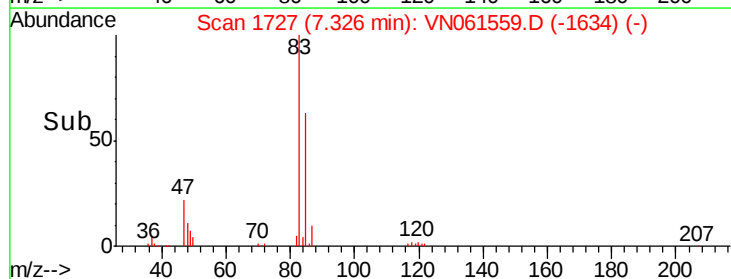
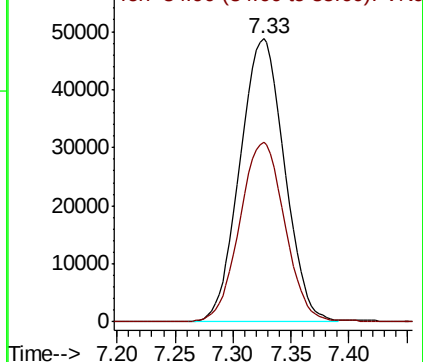


#30
Chloroform
Concen: 19.467 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

Tgt Ion: 83 Resp: 130727
Ion Ratio Lower Upper
83 100
85 63.5 51.7 77.5



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





#31

Cyclohexane

Concen: 19.751 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

Instrument :
MSVOA_N
ClientSampled :

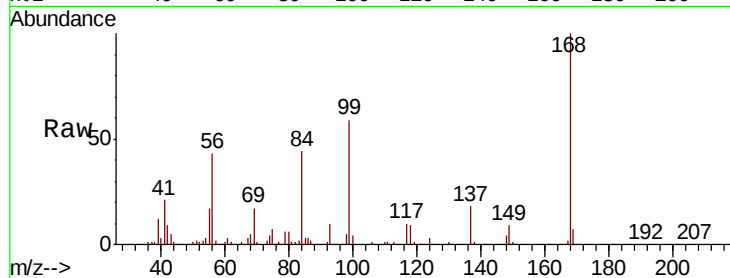
Tot Ion: 56 Resp: 107823

Ion Ratio Lower Upper

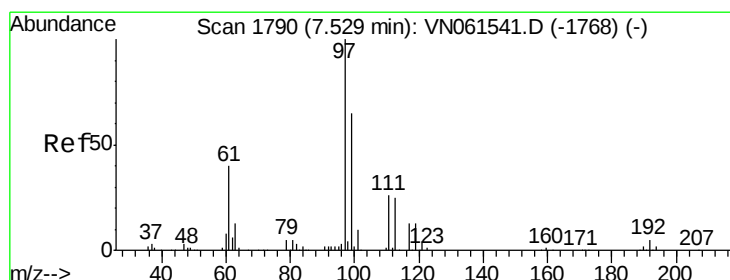
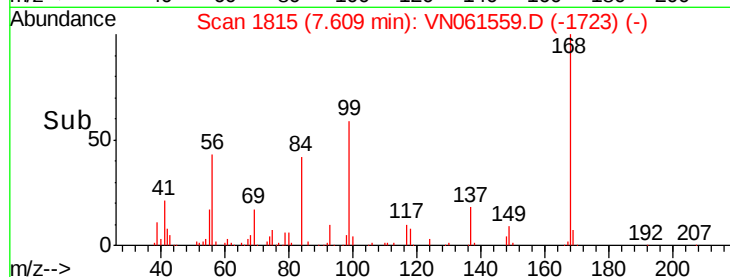
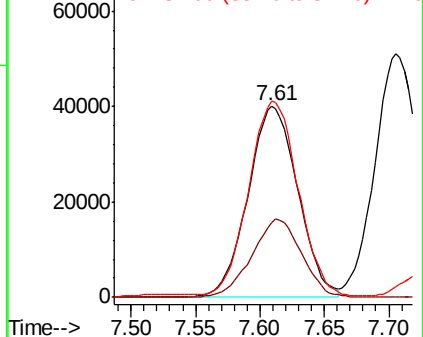
56 100

69 39.4 27.8 41.8

84 101.2 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: 19.114 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

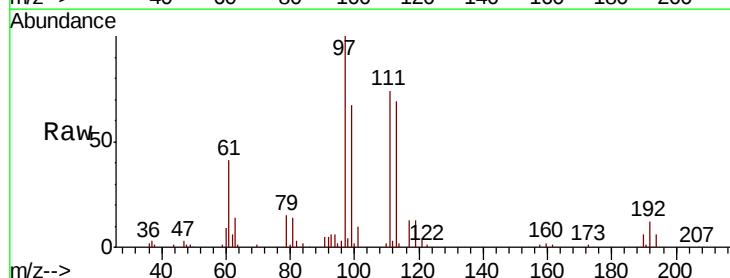
Tgt Ion: 97 Resp: 116961

Ion Ratio Lower Upper

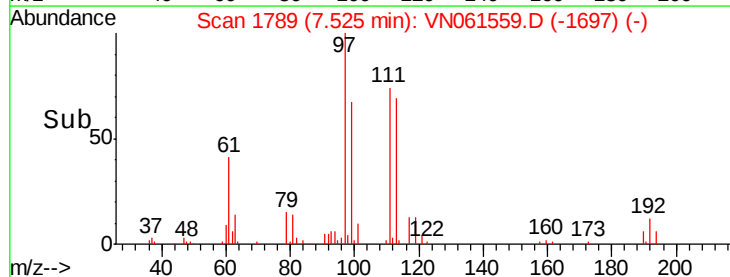
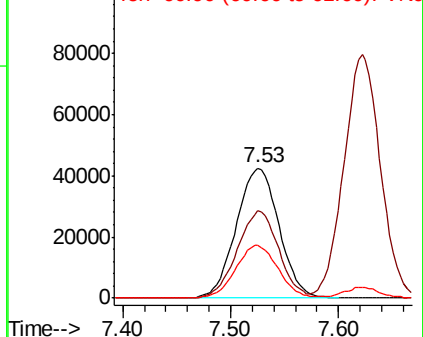
97 100

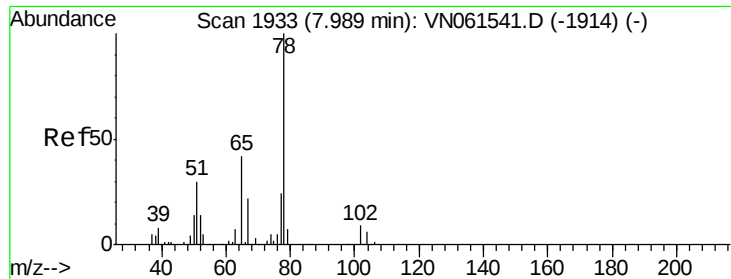
99 65.1 51.4 77.0

61 40.3 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

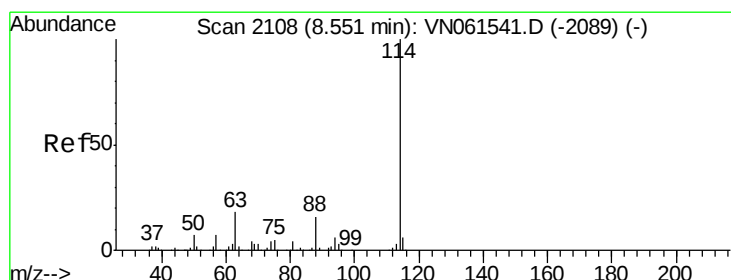
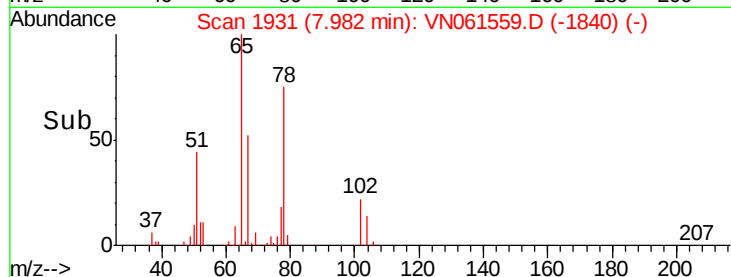
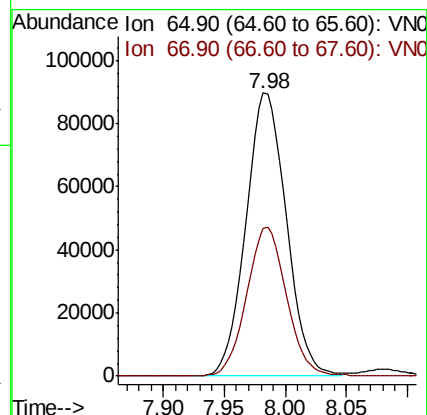
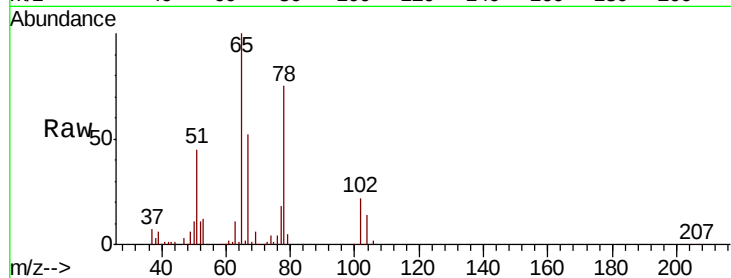




#33
 1,2-Dichloroethane-d4
 Concen: 53.135 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN061559.D
 Acq: 29 May 2020 12:05

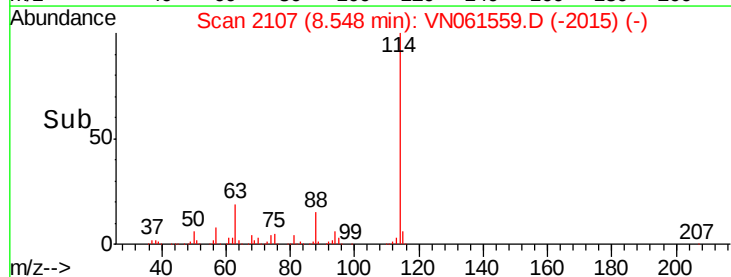
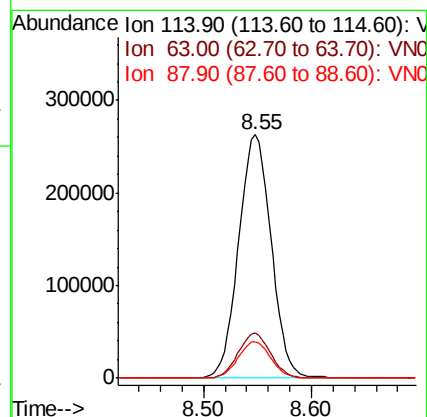
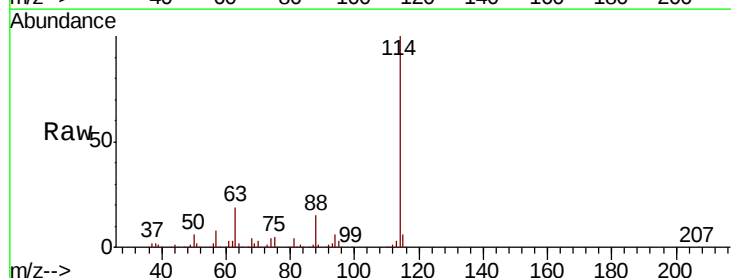
Instrument :
 MSVOA_N
 ClientSampled :

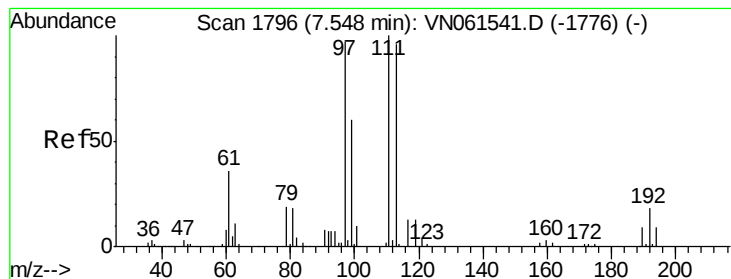
Tot Ion: 65 Resp: 205818
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061559.D
 Acq: 29 May 2020 12:05

Tgt Ion: 114 Resp: 551767
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 35.8
 88 15.1 0.0 31.0





#35

Dibromofluoromethane

Concen: 54.900 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

Instrument :

MSVOA_N

ClientSampleId :

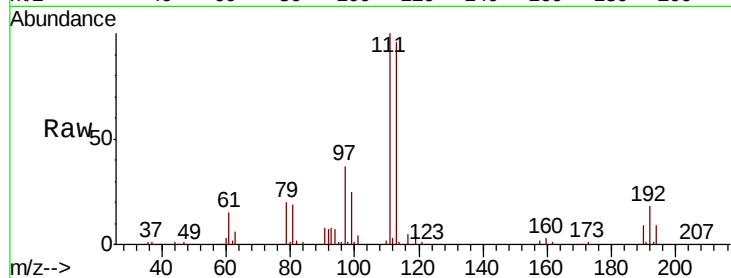
Tot Ion:113 Resp: 153667

Ion Ratio Lower Upper

113 100

111 104.8 83.4 125.0

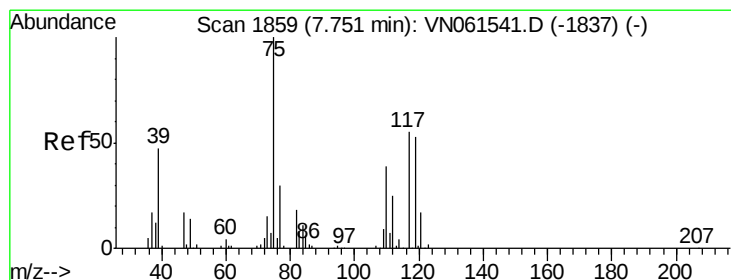
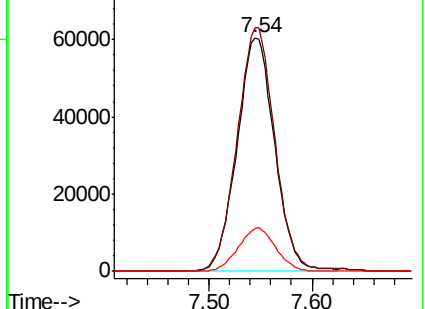
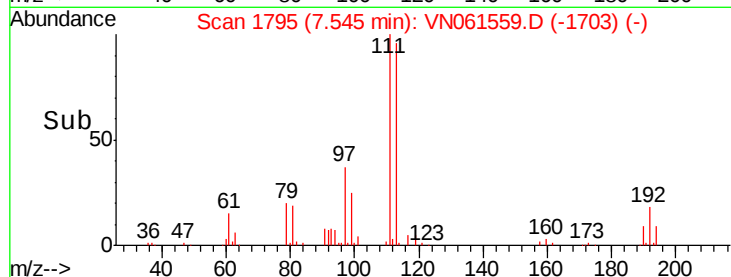
192 18.5 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.897 ug/l

RT: 7.75 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

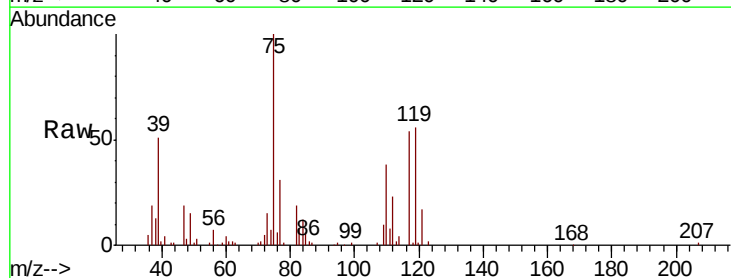
Tgt Ion: 75 Resp: 92302

Ion Ratio Lower Upper

75 100

110 38.7 19.5 58.5

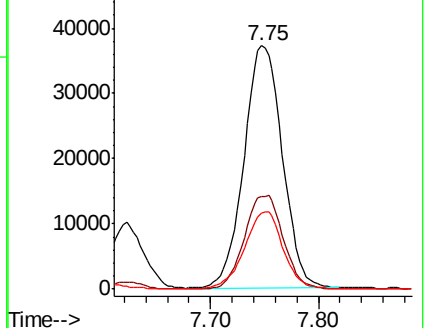
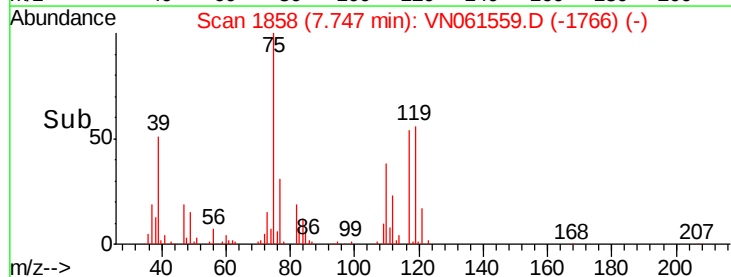
77 32.0 24.7 37.1

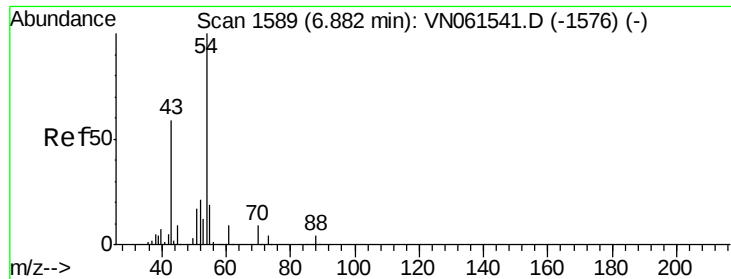


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

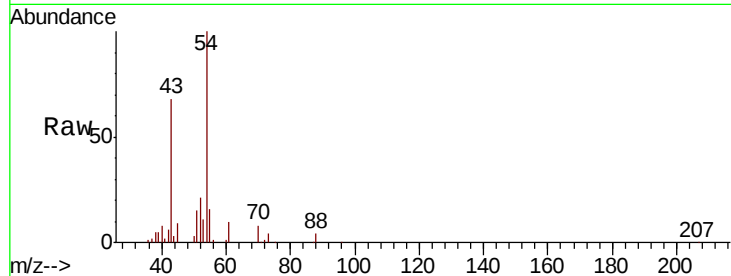




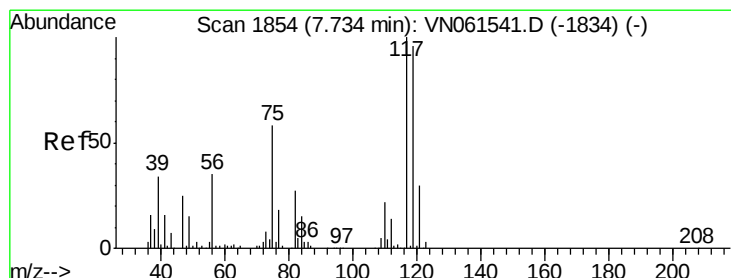
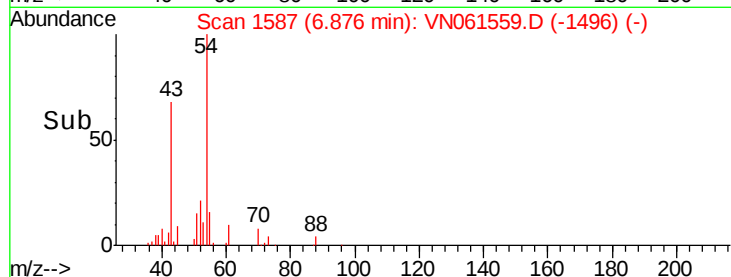
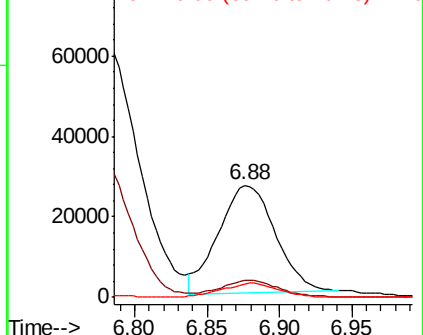
#37
Ethyl Acetate
Concen: 18.503 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 72794
Ion Ratio Lower Upper
43 100
61 16.7 12.2 18.4
70 13.2 9.4 14.2

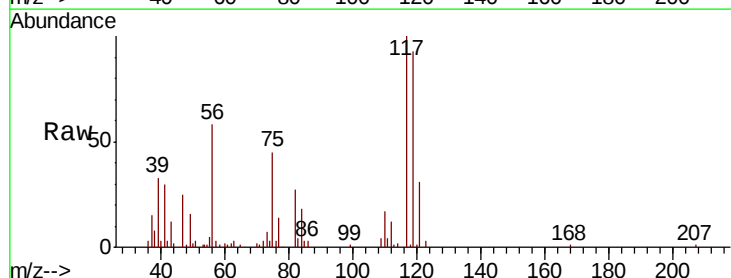


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

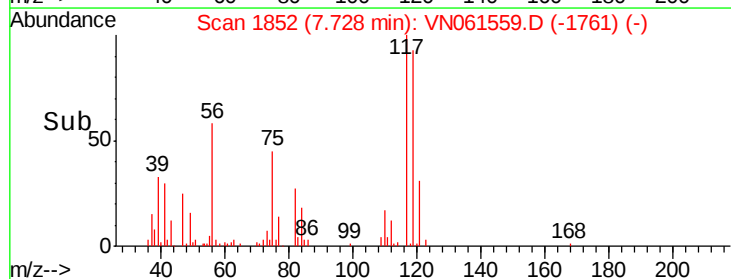
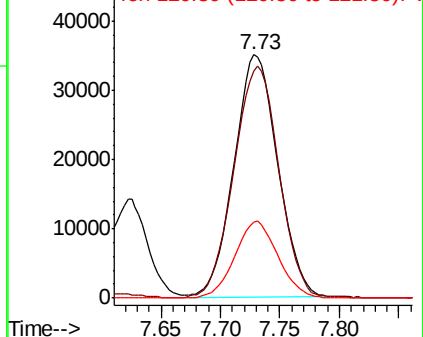


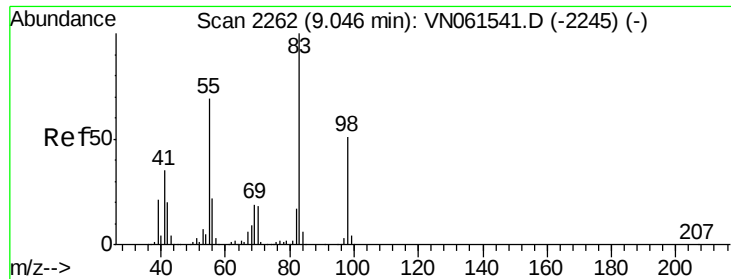
#38
Carbon Tetrachloride
Concen: 18.925 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

Tgt Ion: 117 Resp: 89164
Ion Ratio Lower Upper
117 100
119 93.5 76.5 114.7
121 31.5 24.1 36.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

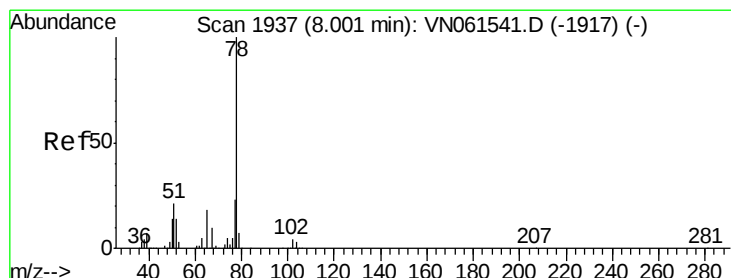
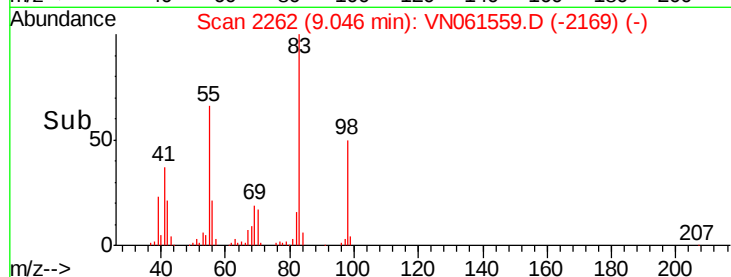
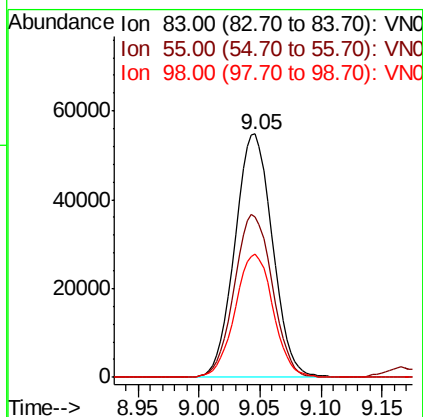
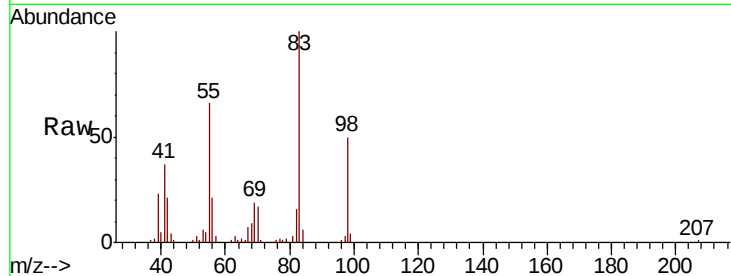




#39
Methvlcvclohexane
Concen: 19.414 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

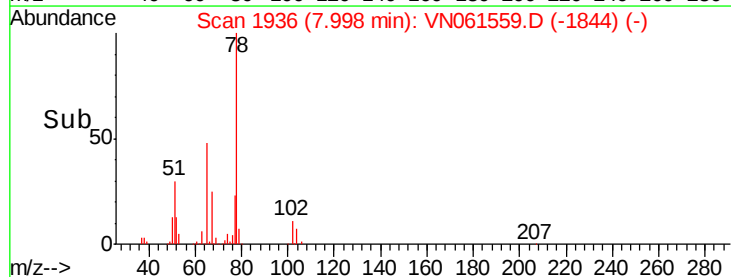
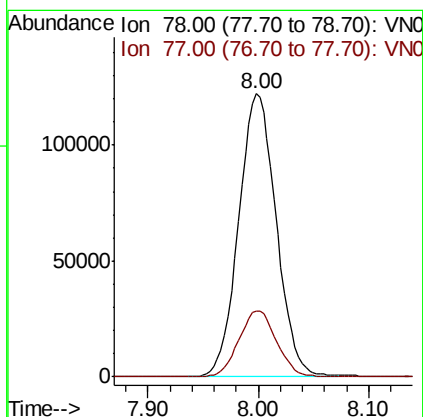
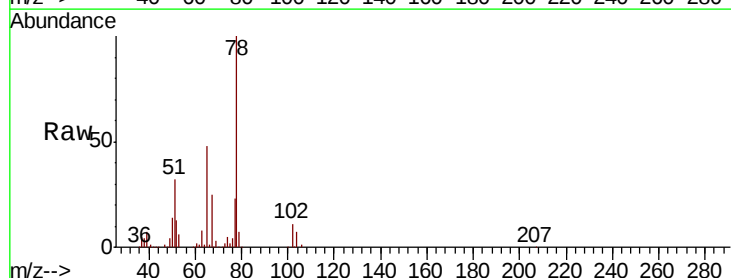
Instrument :
MSVOA_N
ClientSampled :

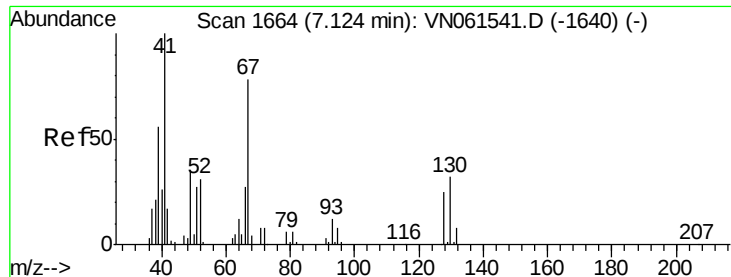
Tot Ion: 83 Resp: 116882
Ion Ratio Lower Upper
83 100
55 66.1 54.9 82.3
98 50.4 41.0 61.4



#40
Benzene
Concen: 19.154 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

Tgt Ion: 78 Resp: 288667
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0

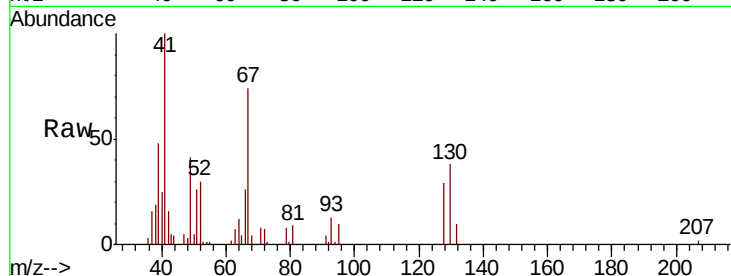




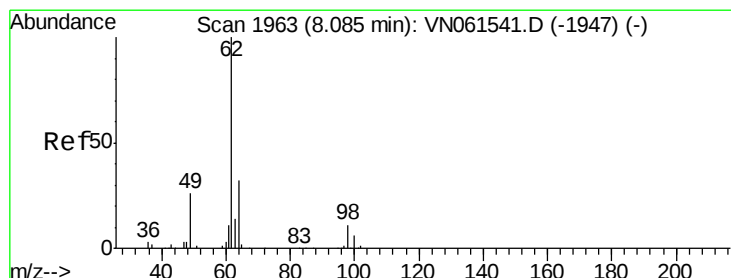
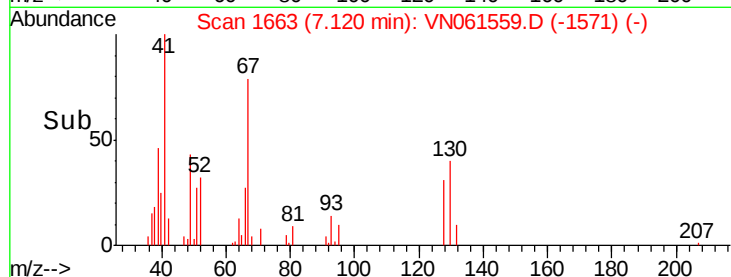
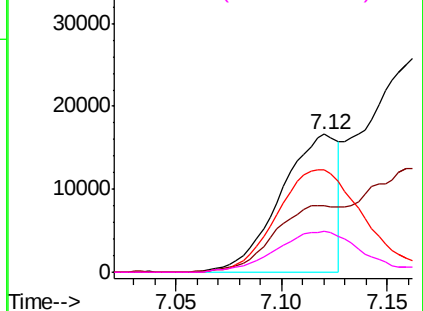
#41
Methacrylonitrile
Concen: 17.484 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 31515
Ion Ratio Lower Upper
41 100
39 57.9 53.8 80.6
67 112.5 91.1 136.7
52 45.4 36.0 54.0

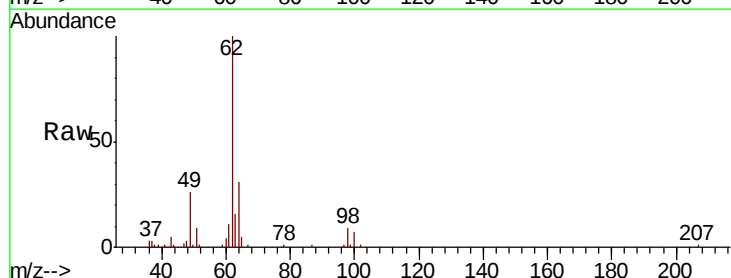


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

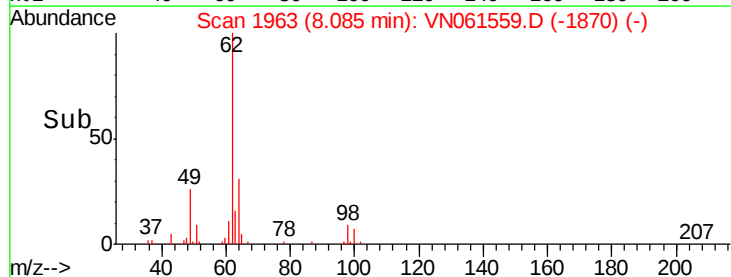
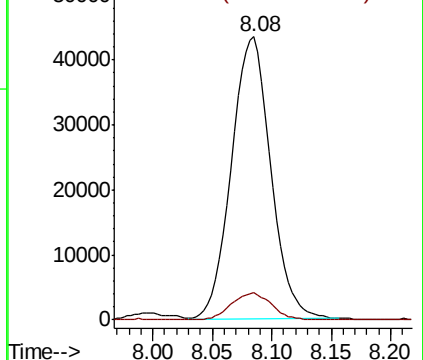


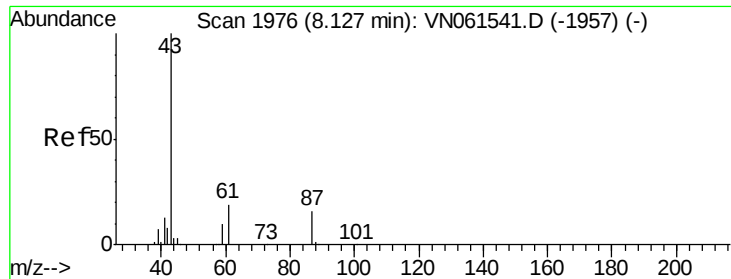
#42
1,2-Dichloroethane
Concen: 19.734 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

Tgt Ion: 62 Resp: 99570
Ion Ratio Lower Upper
62 100
98 9.7 0.0 21.4



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





#43

Isopropyl Acetate

Concen: 19.515 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

Instrument :

MSVOA_N

ClientSampleId :

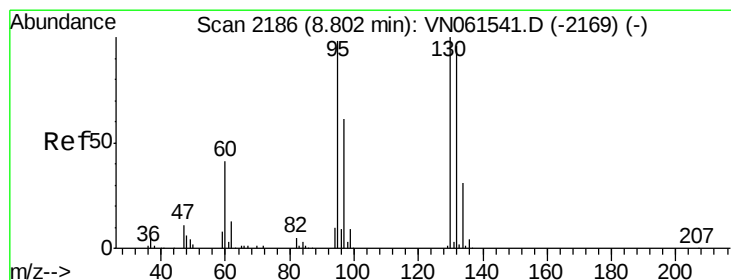
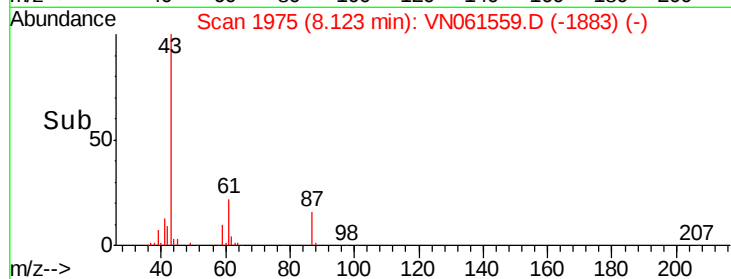
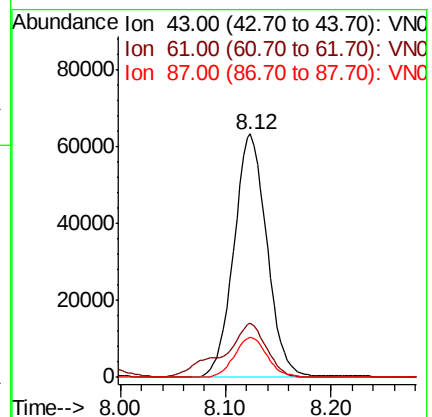
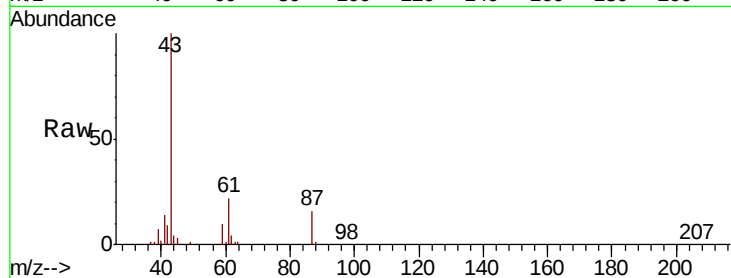
Tot Ion: 43 Resp: 138128

Ion Ratio Lower Upper

43 100

61 29.0 23.6 35.4

87 16.2 13.0 19.6



#44

Trichloroethene

Concen: 18.636 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061559.D

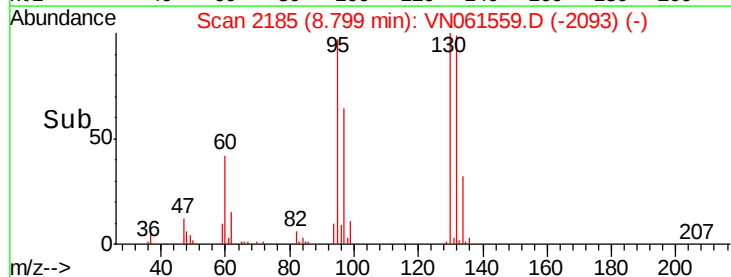
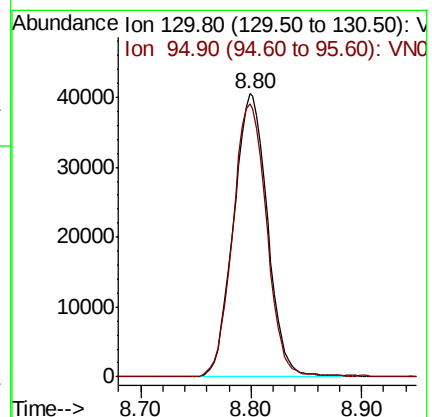
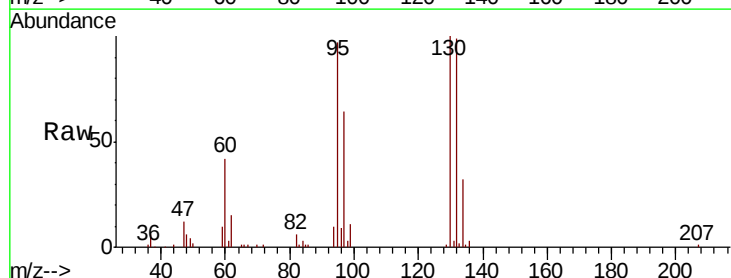
Acq: 29 May 2020 12:05

Tgt Ion:130 Resp: 86315

Ion Ratio Lower Upper

130 100

95 96.7 0.0 196.6

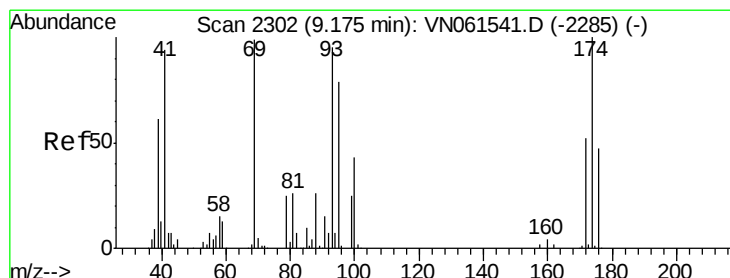
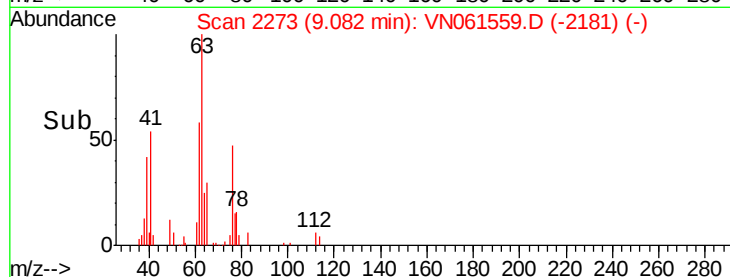
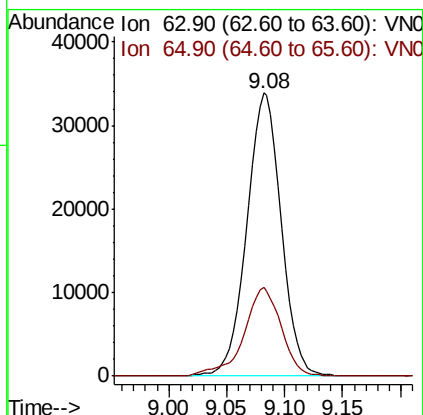
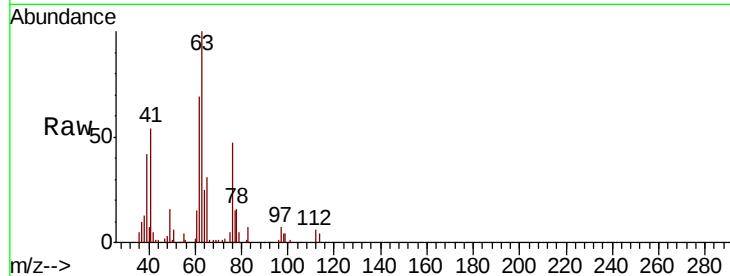




#45
 1,2-Dichloropropane
 Concen: 19.589 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061559.D
 Acq: 29 May 2020 12:05

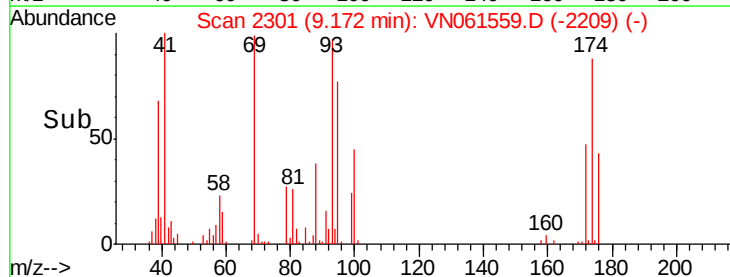
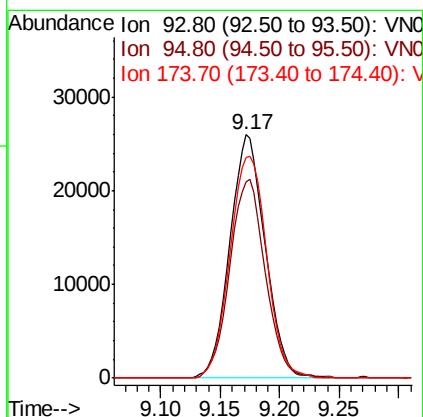
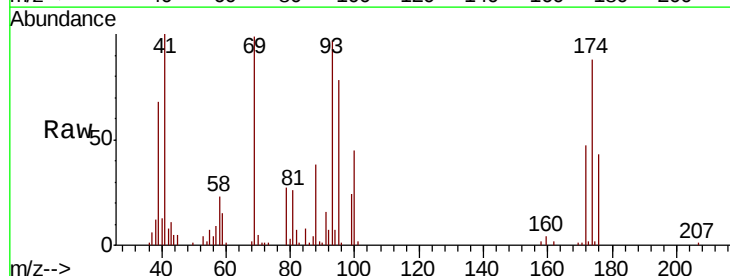
Instrument :
 MSVOA_N
 ClientSampled :

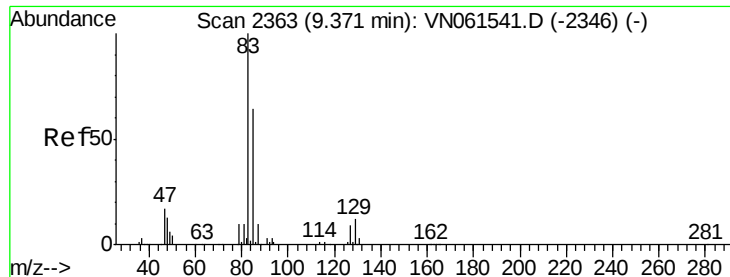
Tot Ion: 63 Resp: 70102
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.7 37.1



#46
 Dibromomethane
 Concen: 19.471 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061559.D
 Acq: 29 May 2020 12:05

Tgt Ion: 93 Resp: 53443
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.0 99.0
 174 94.6 82.5 123.7





#47

Bromodichloromethane

Concen: 19.323 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

Instrument :

MSVOA_N

ClientSampleId :

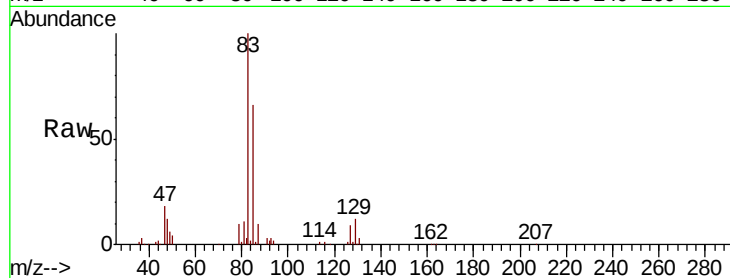
Tot Ion: 83 Resp: 105073

Ion Ratio Lower Upper

83 100

85 66.0 51.1 76.7

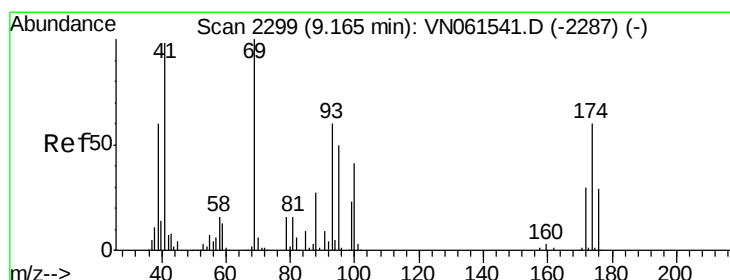
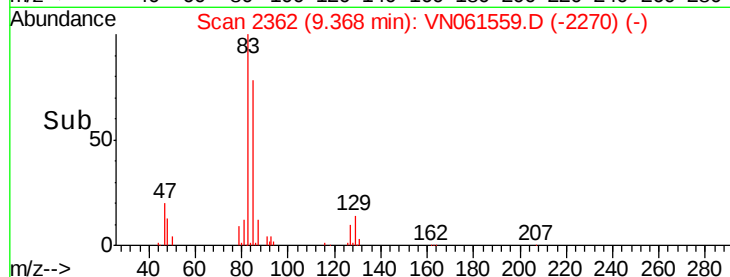
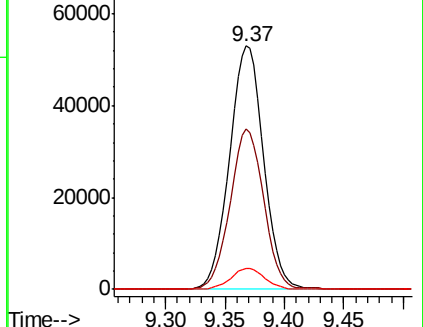
127 8.7 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061559.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061559.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061559.D (-2270) (-)



#48

Methyl methacrylate

Concen: 18.176 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

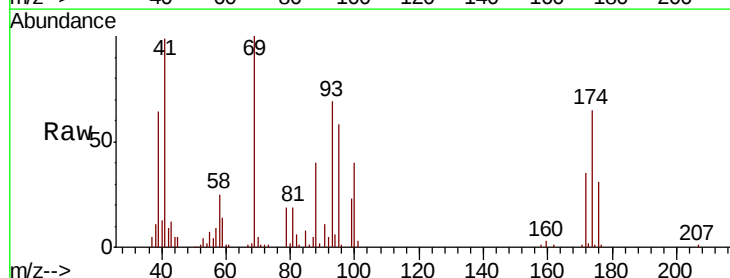
Tgt Ion: 41 Resp: 57882

Ion Ratio Lower Upper

41 100

69 104.2 83.9 125.9

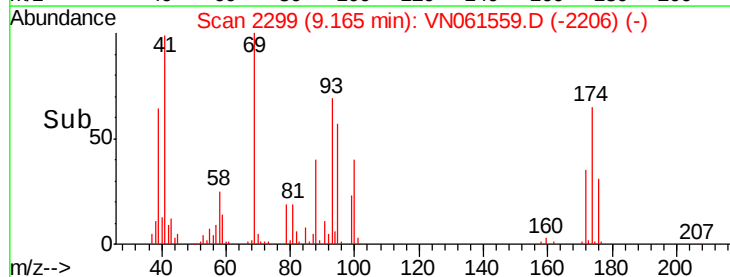
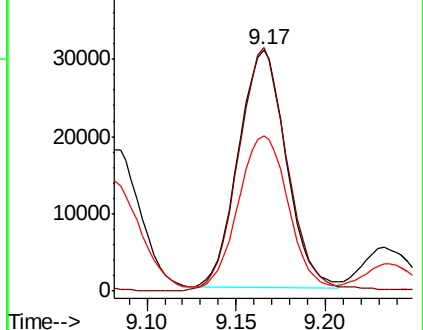
39 67.6 52.1 78.1

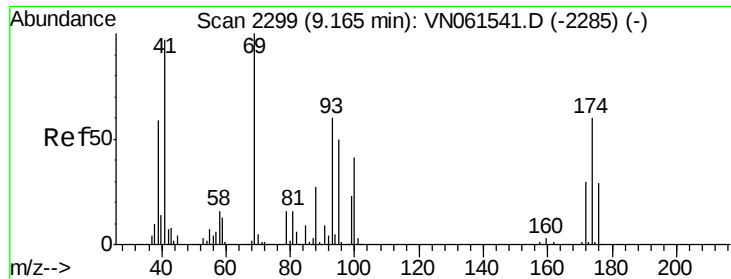


Abundance Ion 41.00 (40.70 to 41.70): VN061559.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061559.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061559.D (-2206) (-)





#49

1,4-Dioxane

Concen: 544.454 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

Instrument :
MSVOA_N
ClientSampleId :

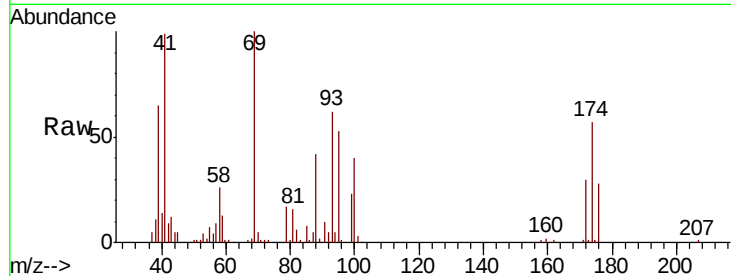
Tot Ion: 88 Resp: 26860

Ion Ratio Lower Upper

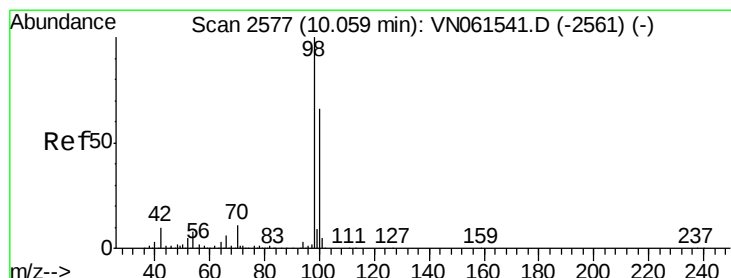
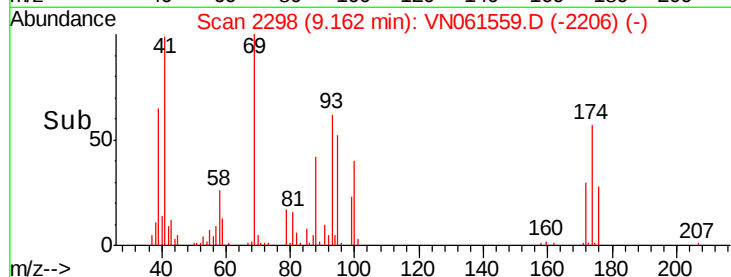
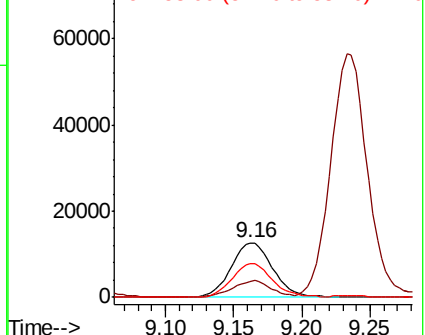
88 100

43 28.3 23.1 34.7

58 59.8 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: 50.428 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061559.D

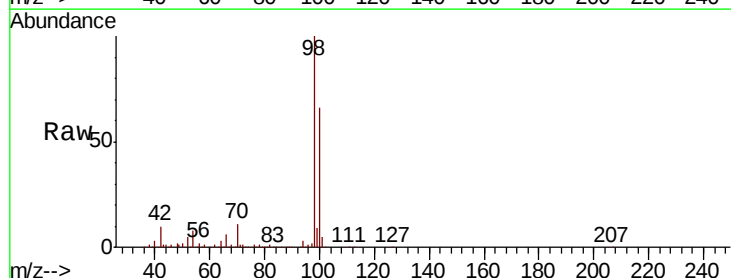
Acq: 29 May 2020 12:05

Tgt Ion: 98 Resp: 654101

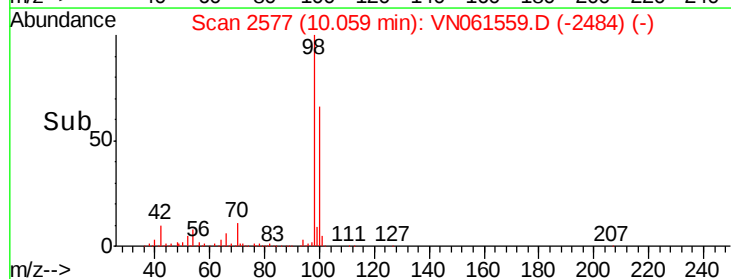
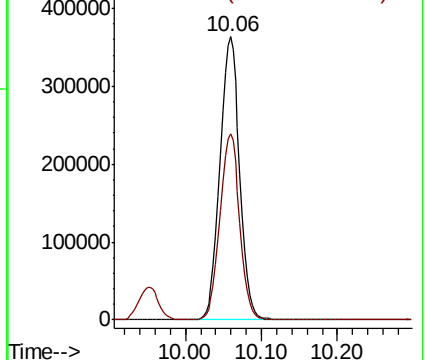
Ion Ratio Lower Upper

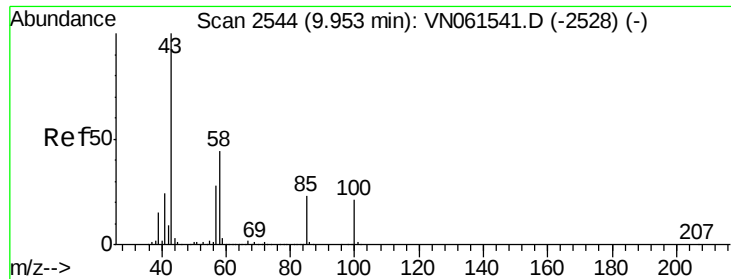
98 100

100 65.8 52.8 79.2



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

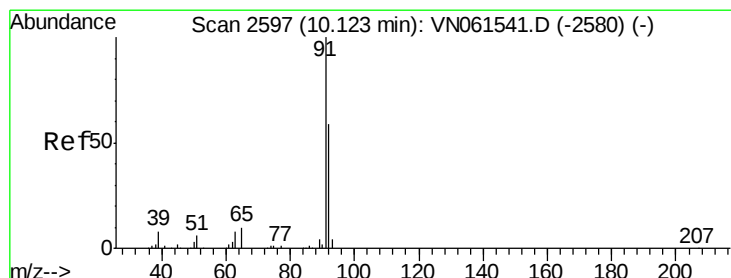
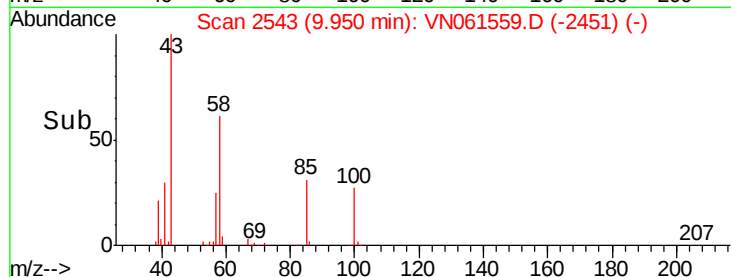
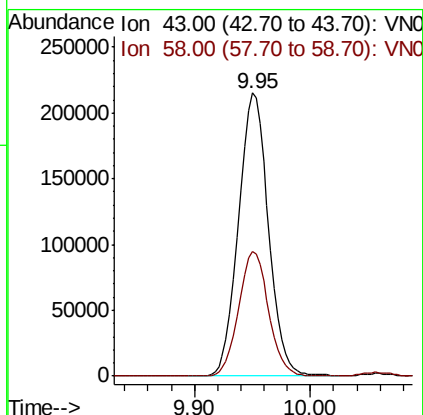
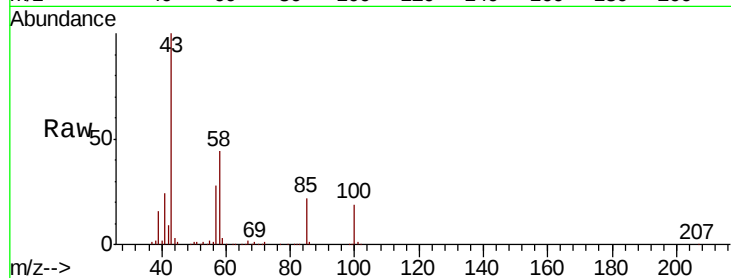




#51
 4-Methyl-2-Pentanone
 Concen: 96.607 ug/l
 RT: 9.95 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: VN061559.D
 Acq: 29 May 2020 12:05

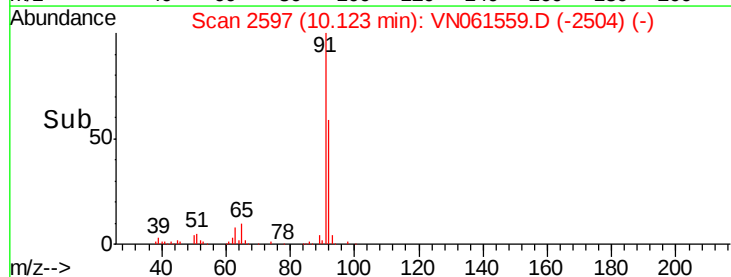
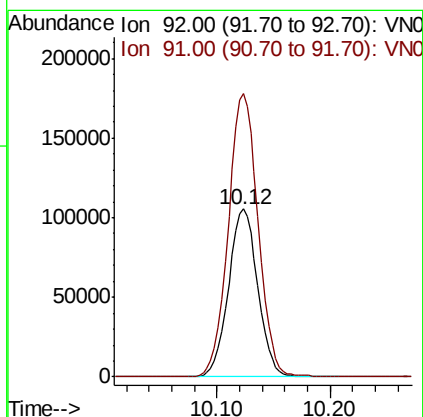
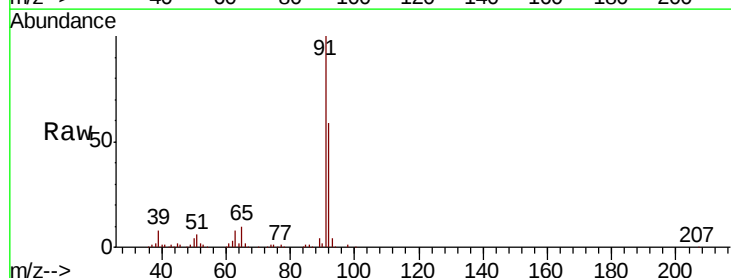
Instrument :
 MSVOA_N
 ClientSampleId :

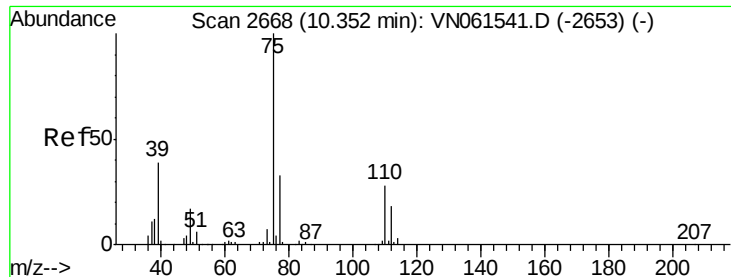
Tot Ion: 43 Resp: 385334
 Ion Ratio Lower Upper
 43 100
 58 44.1 35.0 52.6



#52
 Toluene
 Concen: 19.297 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN061559.D
 Acq: 29 May 2020 12:05

Tgt Ion: 92 Resp: 189821
 Ion Ratio Lower Upper
 92 100
 91 171.7 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 19.247 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

Instrument :

MSVOA_N

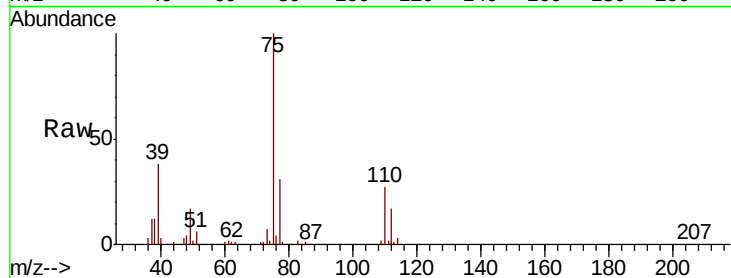
ClientSampleId :

Tot Ion: 75 Resp: 112746

Ion Ratio Lower Upper

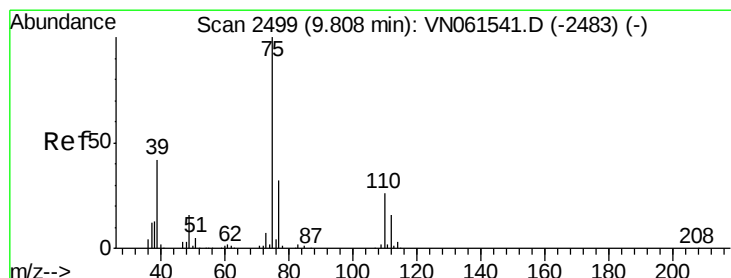
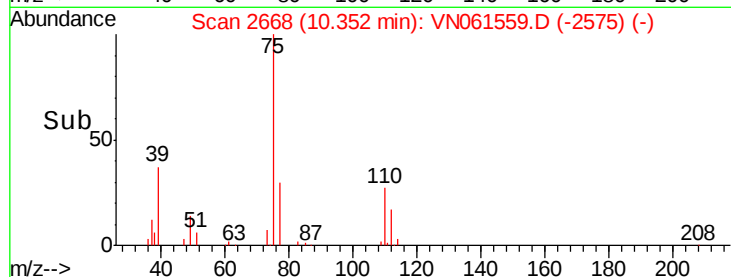
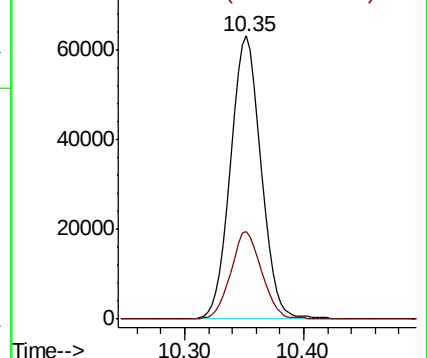
75 100

77 30.9 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.159 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

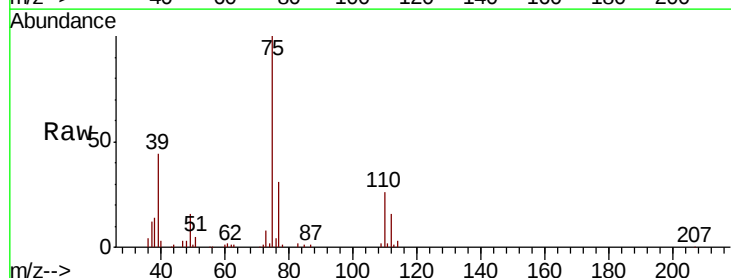
Tgt Ion: 75 Resp: 120677

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2

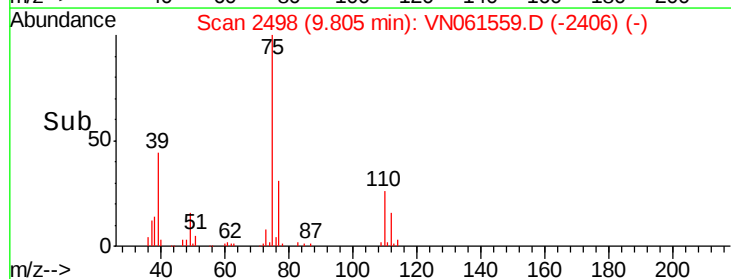
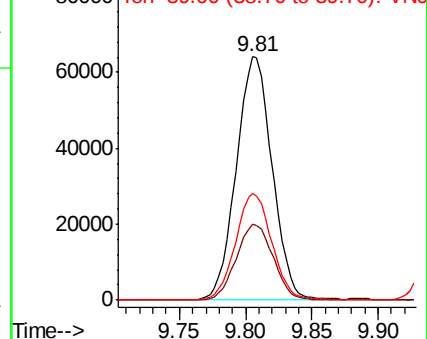
39 43.8 33.8 50.6

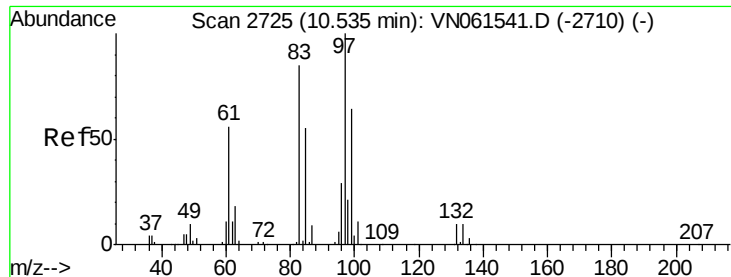


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

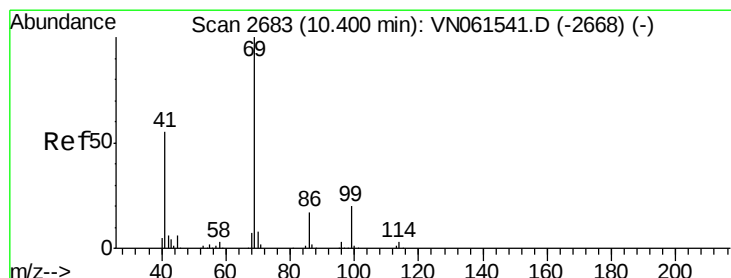
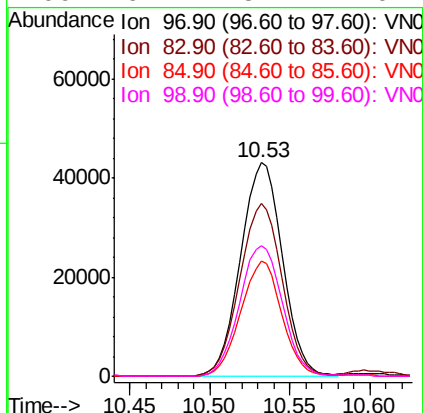
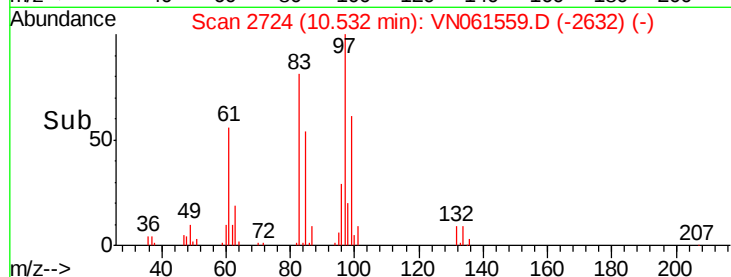
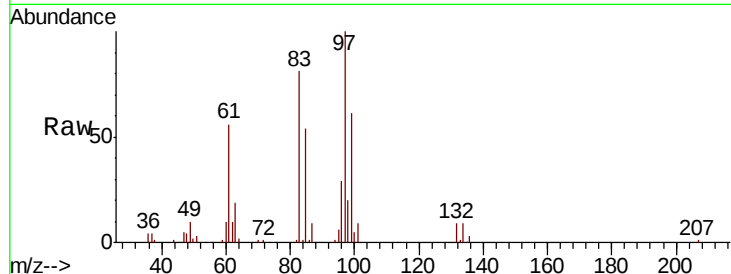




#55
 1,1,2-Trichloroethane
 Concen: 19.662 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061559.D
 Acq: 29 May 2020 12:05

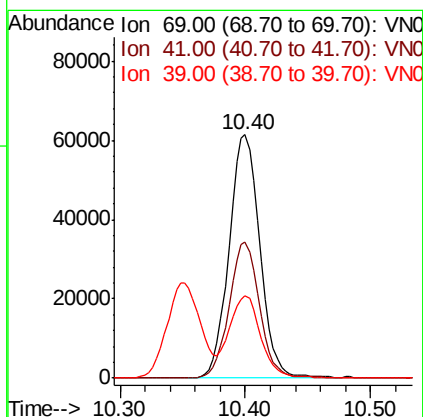
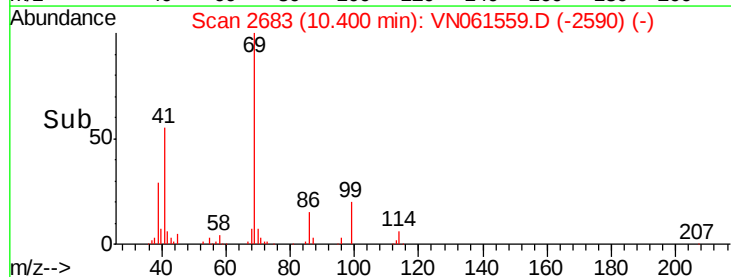
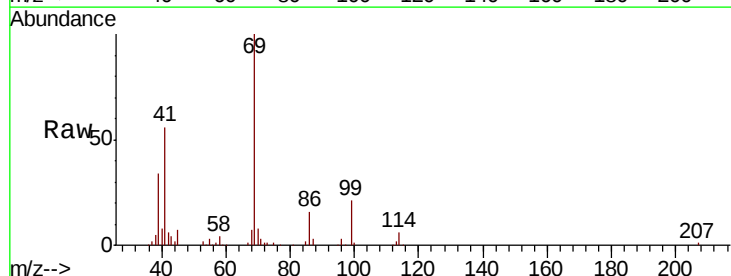
Instrument :
 MSVOA_N
 ClientSampleId :

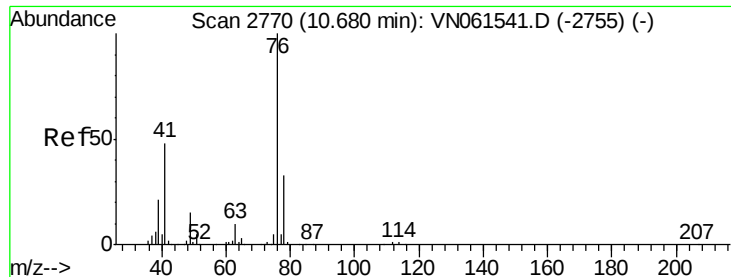
Tot Ion	97	Resp	77057
Ion	Ratio	Lower	Upper
97	100		
83	80.7	68.1	102.1
85	53.8	44.1	66.1
99	61.2	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 19.125 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN061559.D
 Acq: 29 May 2020 12:05

Tgt Ion	69	Resp	104700
Ion	Ratio	Lower	Upper
69	100		
41	55.2	43.5	65.3
39	34.0	27.0	40.6





#57

1,3-Dichloropropane

Concen: 19.848 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

Instrument :

MSVOA_N

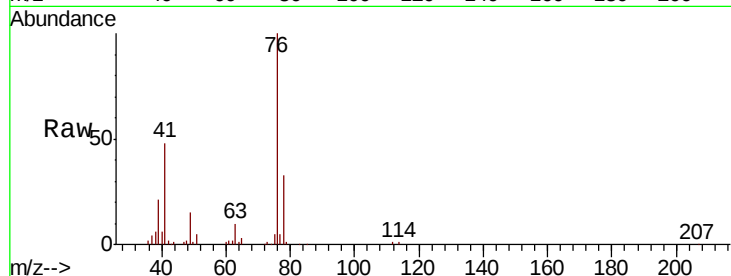
ClientSampleId :

Tot Ion: 76 Resp: 124408

Ion Ratio Lower Upper

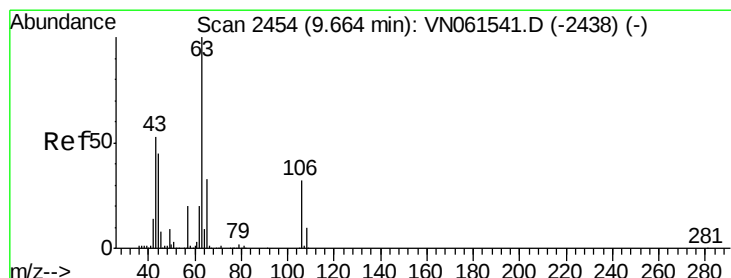
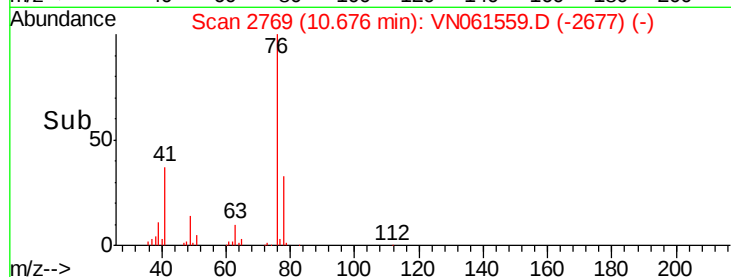
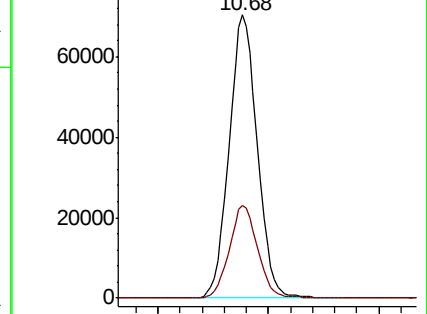
76 100

78 33.0 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VN061541.D (-2755) (-)

Ion 77.90 (77.60 to 78.60): VN061541.D (-2755) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 101.306 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN061559.D

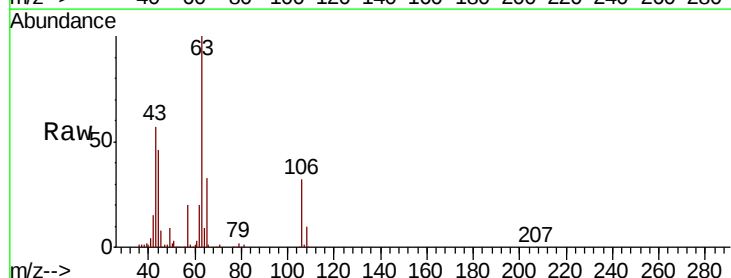
Acq: 29 May 2020 12:05

Tgt Ion: 63 Resp: 237006

Ion Ratio Lower Upper

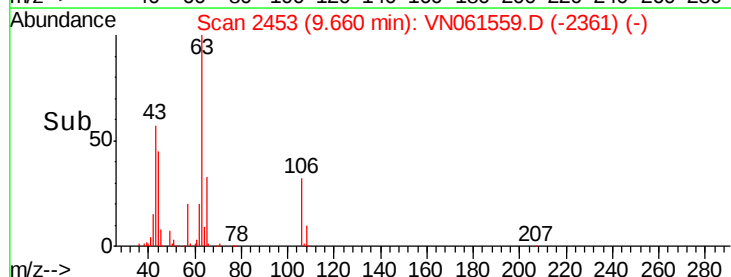
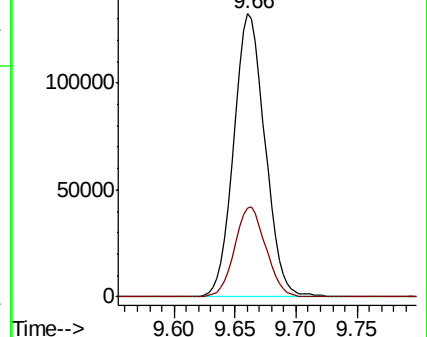
63 100

106 31.6 25.9 38.9



Abundance Ion 62.90 (62.60 to 63.60): VN061541.D (-2438) (-)

Ion 105.90 (105.60 to 106.60): VN061541.D (-2438) (-)

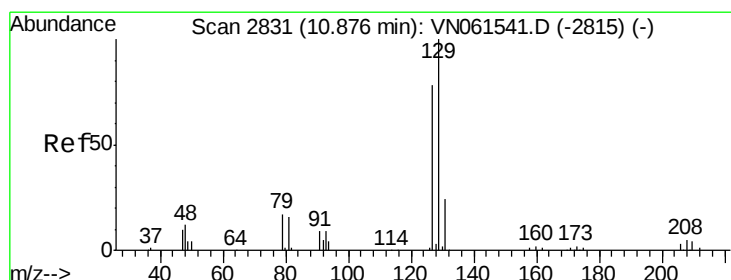
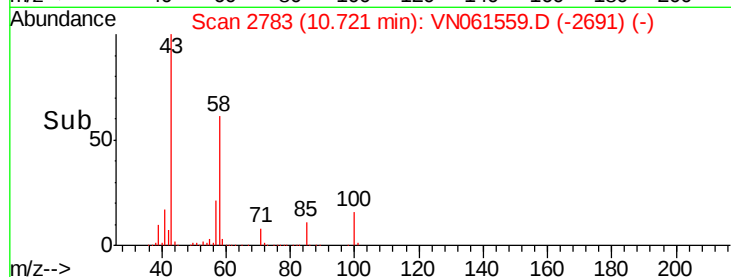
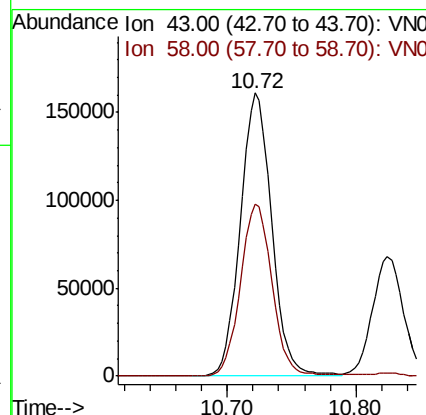
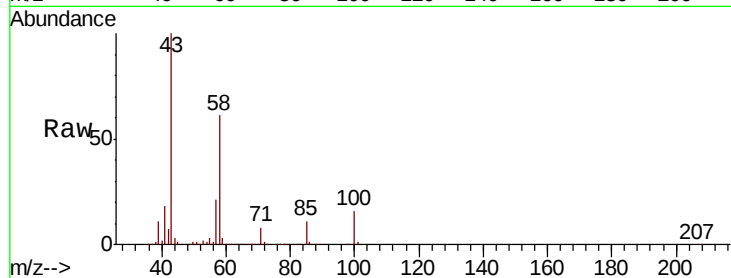




#59
2-Hexanone
Concen: 94.921 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

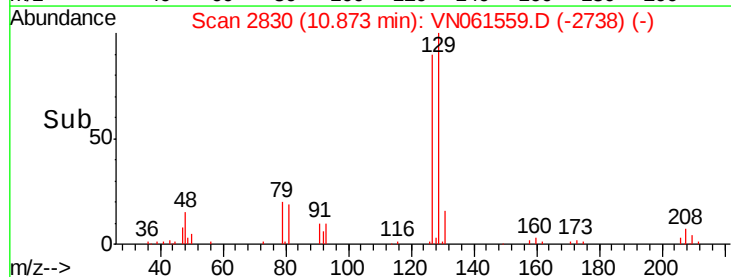
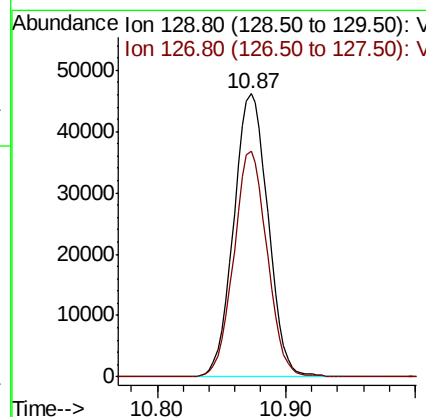
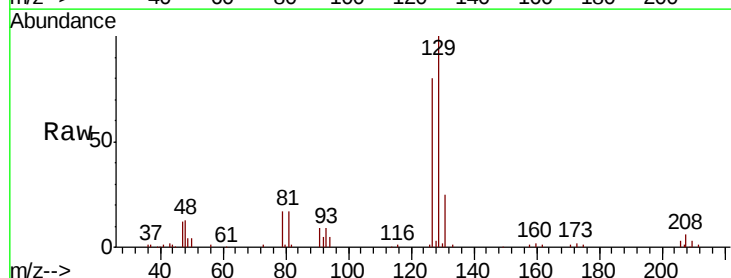
Instrument :
MSVOA_N
ClientSampleId :

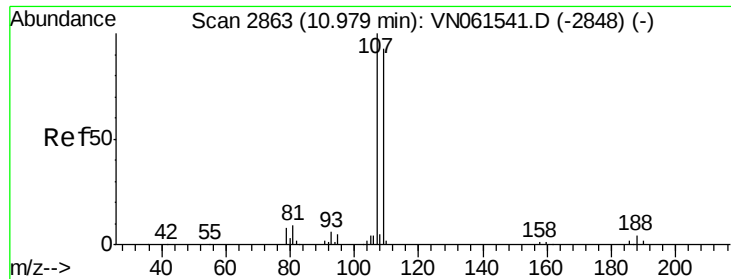
Tot Ion: 43 Resp: 271907
Ion Ratio Lower Upper
43 100
58 61.6 30.7 92.1



#60
Dibromochloromethane
Concen: 19.164 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

Tgt Ion: 129 Resp: 85384
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.3

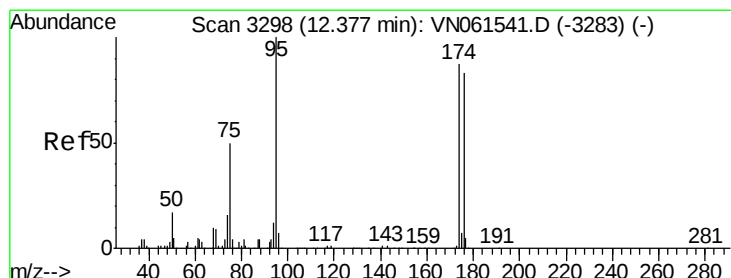
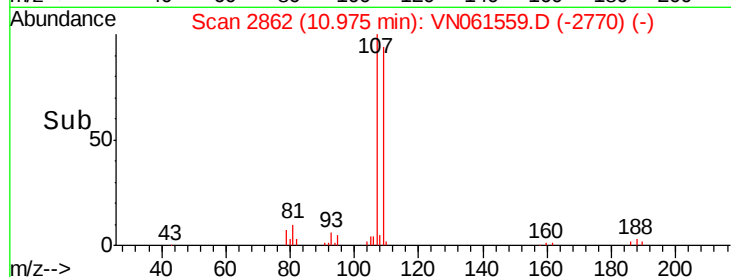
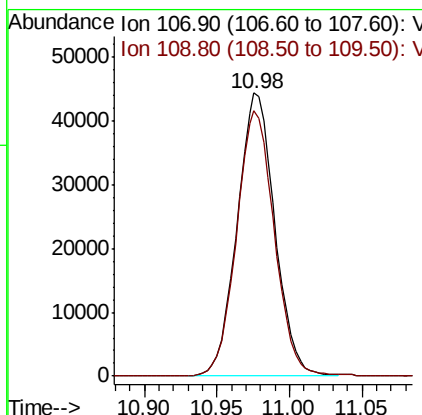
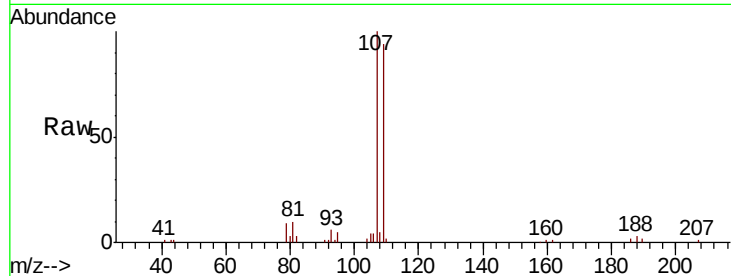




#61
 1,2-Dibromoethane
 Concen: 19.540 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061559.D
 Acq: 29 May 2020 12:05

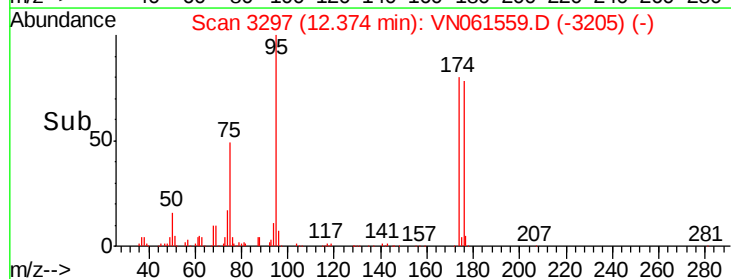
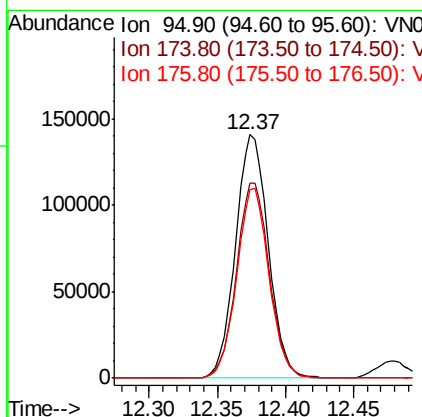
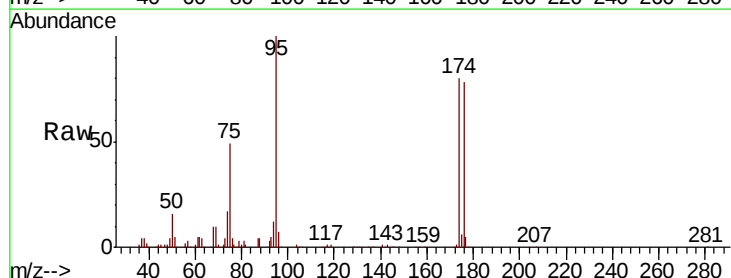
Instrument :
 MSVOA_N
 ClientSampleId :

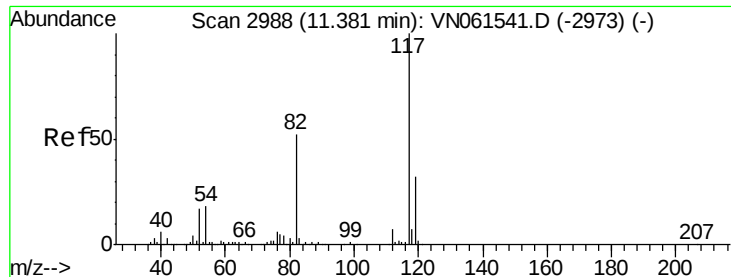
Tot Ion:107 Resp: 79868
 Ion Ratio Lower Upper
 107 100
 109 94.3 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 49.620 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061559.D
 Acq: 29 May 2020 12:05

Tgt Ion: 95 Resp: 234816
 Ion Ratio Lower Upper
 95 100
 174 80.4 0.0 172.8
 176 76.7 0.0 164.8

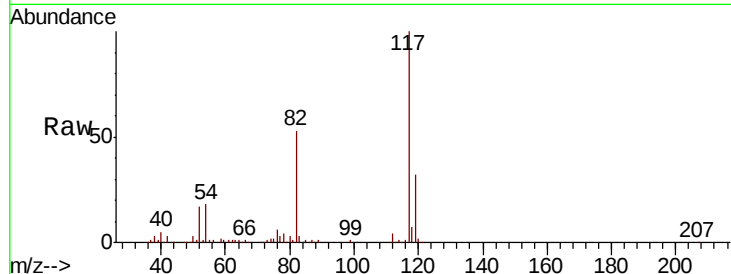




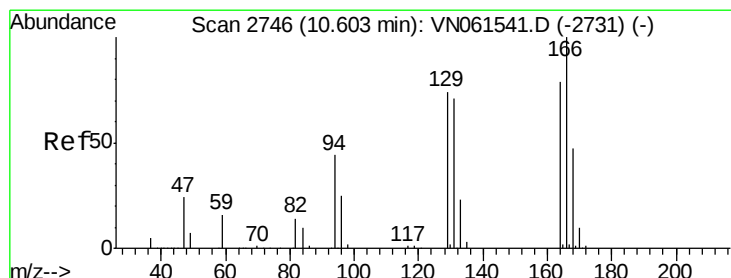
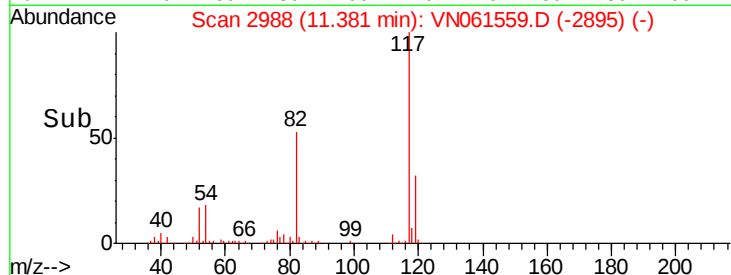
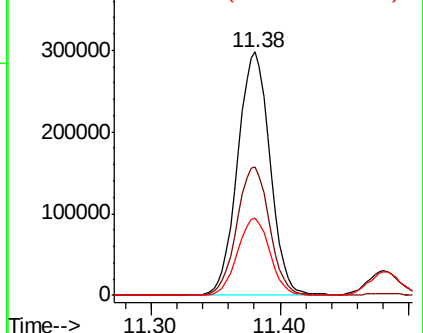
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 521532
Ion Ratio Lower Upper
117 100
82 52.6 41.5 62.3
119 31.8 25.6 38.4

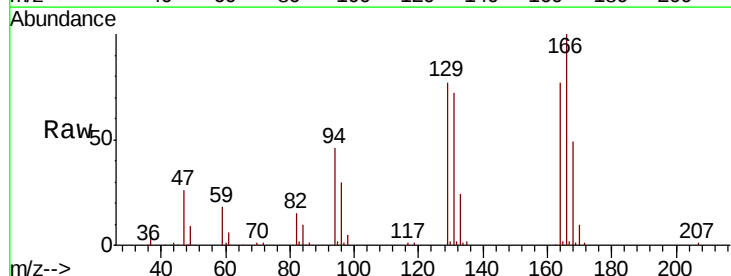


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

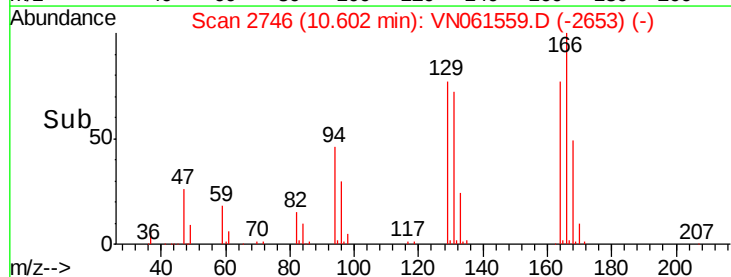
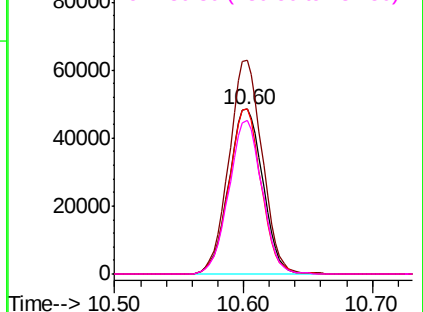


#64
Tetrachloroethene
Concen: 18.128 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

Tgt Ion:164 Resp: 88996
Ion Ratio Lower Upper
164 100
166 129.5 101.5 152.3
129 100.0 74.9 112.3
131 93.0 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

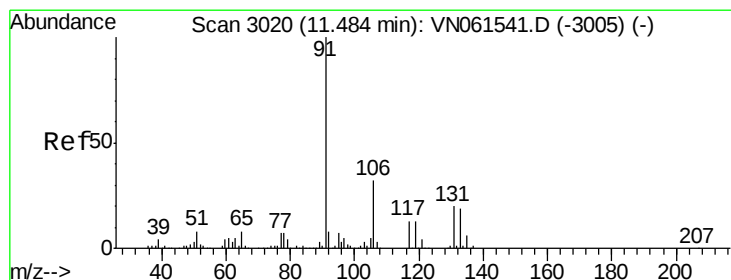
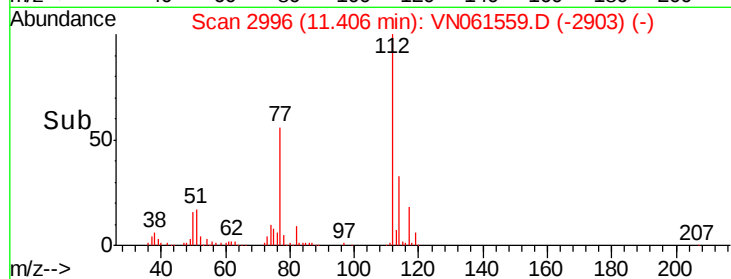
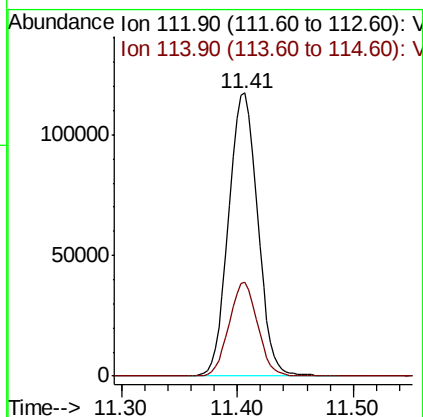
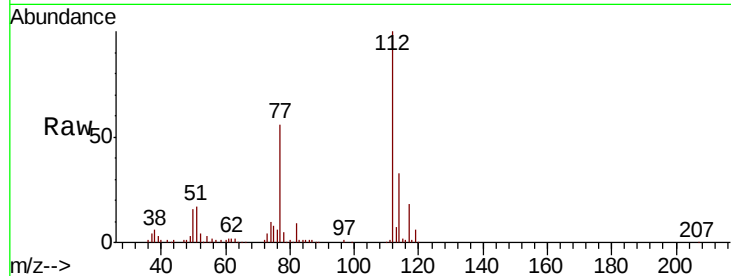




#65
Chlorobenzene
Concen: 18.776 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

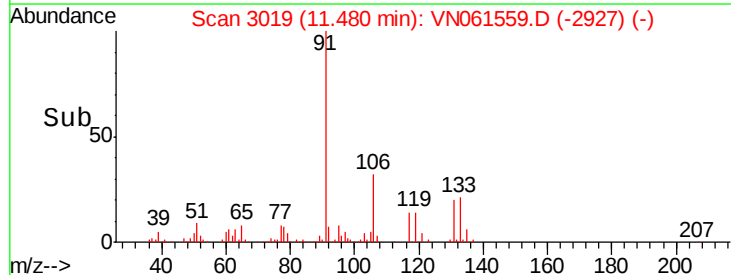
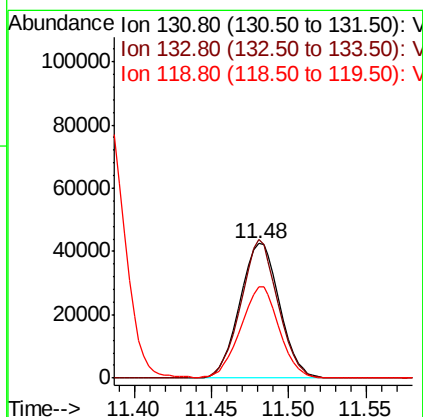
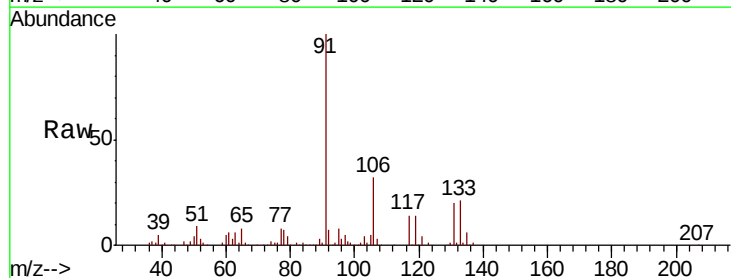
Instrument :
MSVOA_N
ClientSampled :

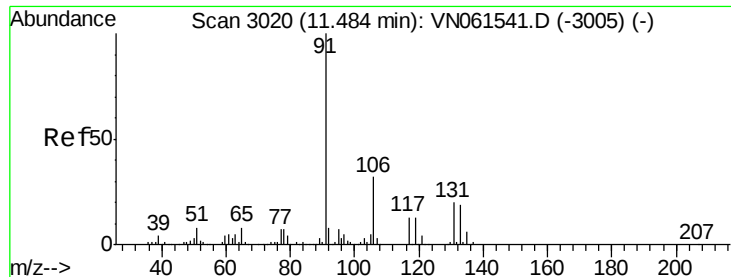
Tot Ion:112 Resp: 203548
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.858 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

Tgt Ion:131 Resp: 76122
Ion Ratio Lower Upper
131 100
133 96.5 47.4 142.2
119 66.2 32.6 97.8

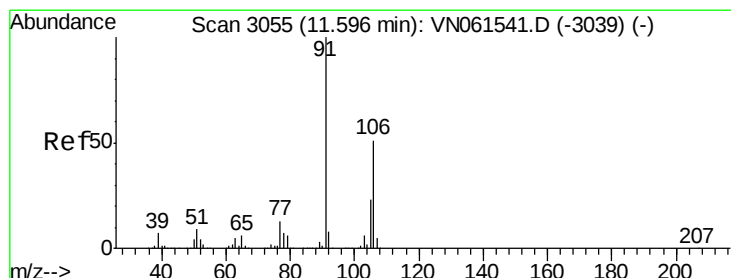
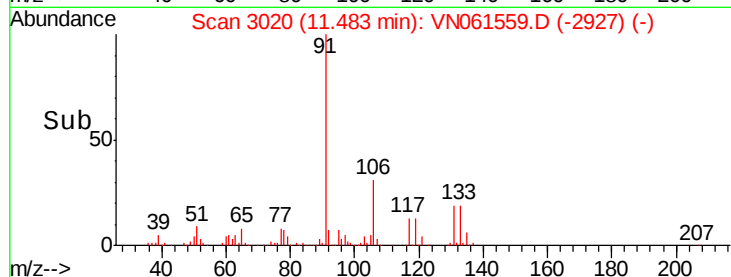
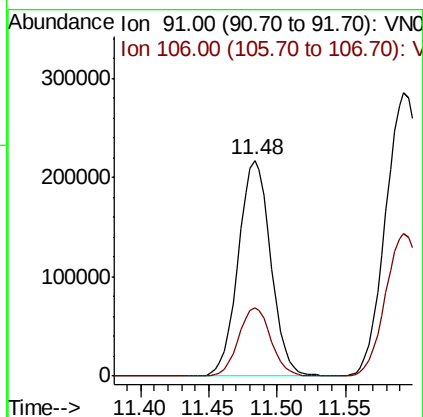
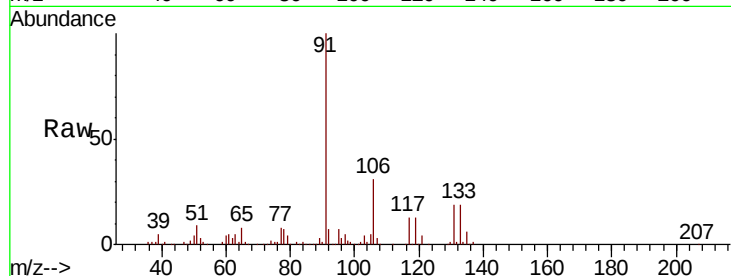




#67
Ethyl Benzene
Concen: 19.165 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

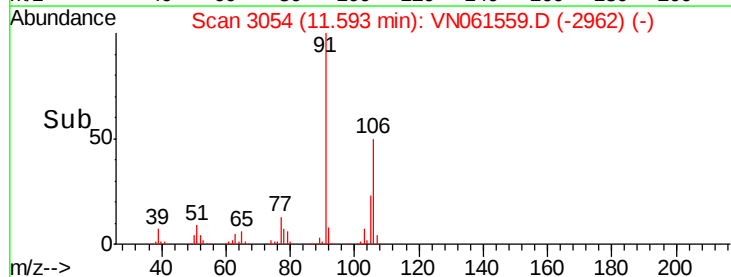
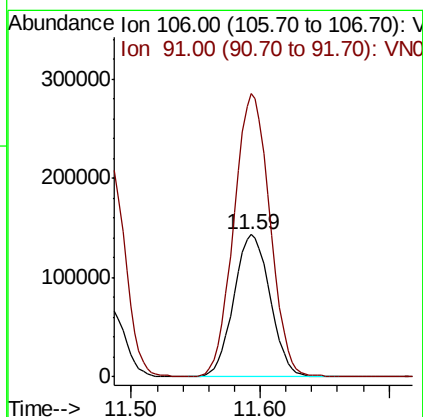
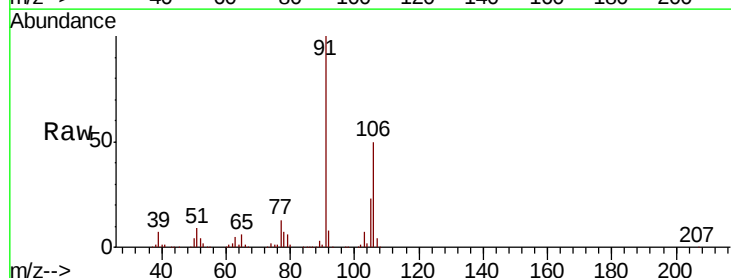
Instrument :
MSVOA_N
ClientSampled :

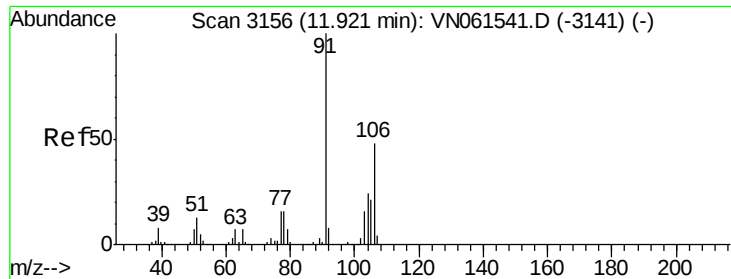
Tot Ion: 91 Resp: 359092
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4



#68
m/p-Xylenes
Concen: 37.810 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

Tgt Ion: 106 Resp: 280903
Ion Ratio Lower Upper
106 100
91 197.0 156.2 234.4

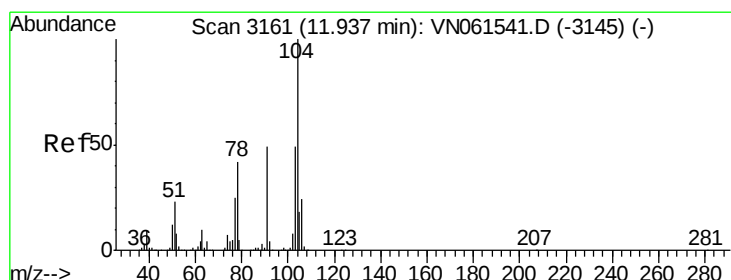
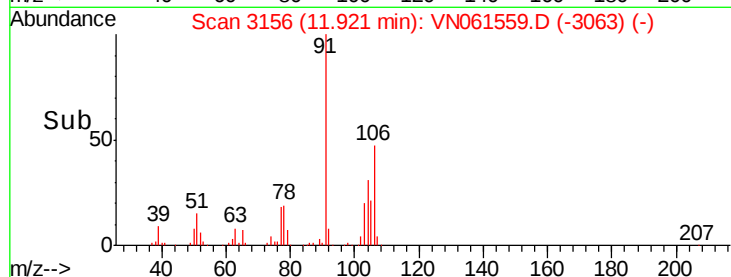
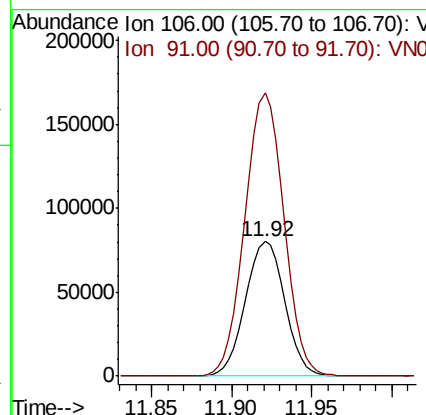
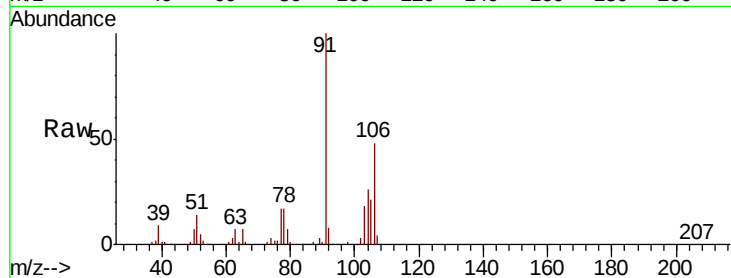




#69
o-Xylene
Concen: 19.102 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

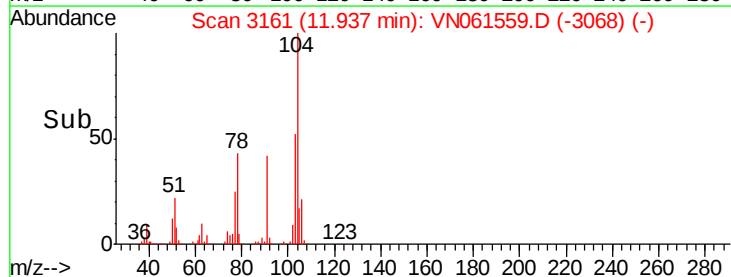
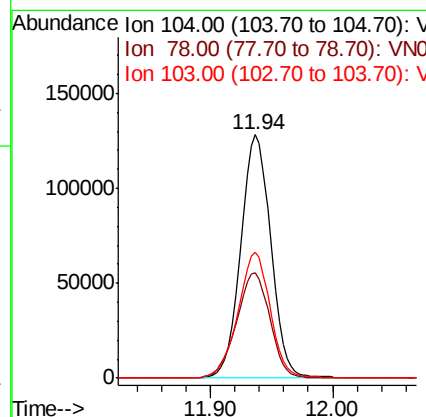
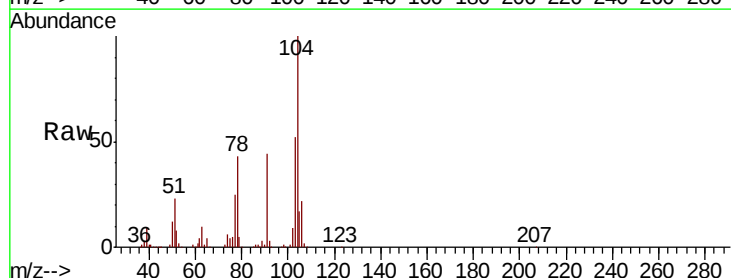
Instrument :
MSVOA_N
ClientSampled :

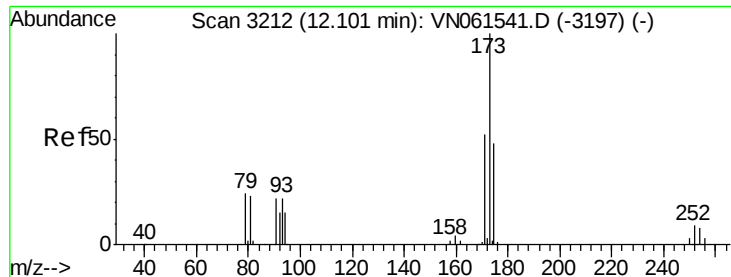
Tot Ion:106 Resp: 134794
Ion Ratio Lower Upper
106 100
91 208.5 103.3 309.8



#70
Styrene
Concen: 18.709 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

Tgt Ion:104 Resp: 218622
Ion Ratio Lower Upper
104 100
78 48.5 37.4 56.0
103 55.6 42.3 63.5





#71

Bromoform

Concen: 17.459 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

Instrument :

MSVOA_N

ClientSampleId :

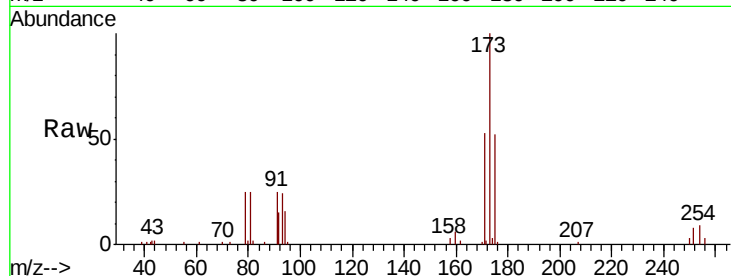
Tot Ion:173 Resp: 54304

Ion Ratio Lower Upper

173 100

175 48.9 24.4 73.2

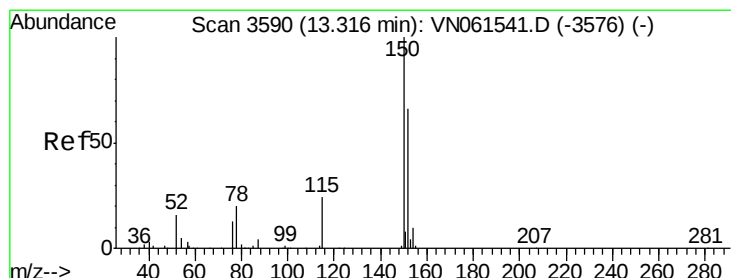
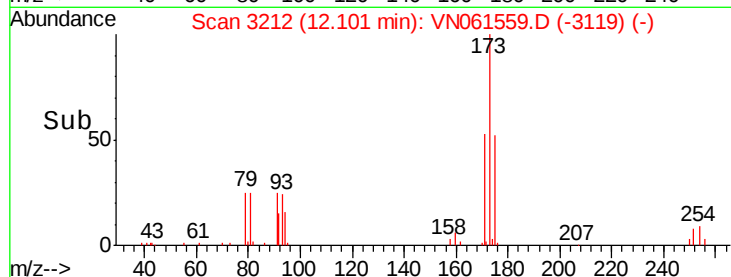
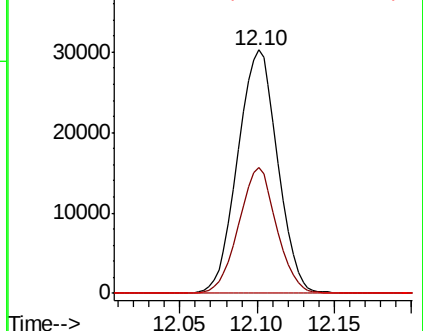
254 0.0 0.0 0.0



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: VN061559.D

Acq: 29 May 2020 12:05

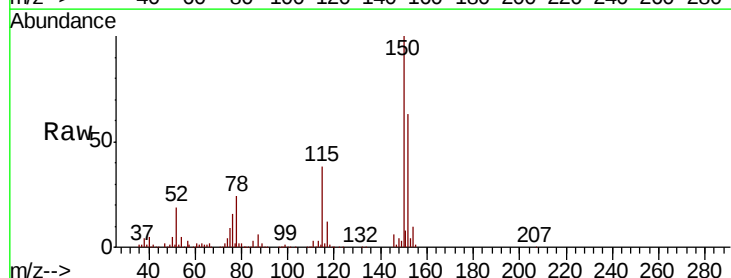
Tgt Ion:152 Resp: 251234

Ion Ratio Lower Upper

152 100

115 57.8 28.0 84.0

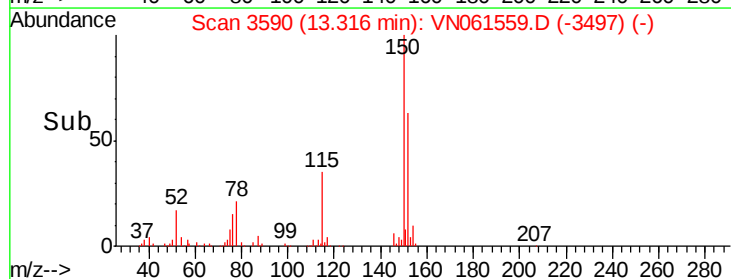
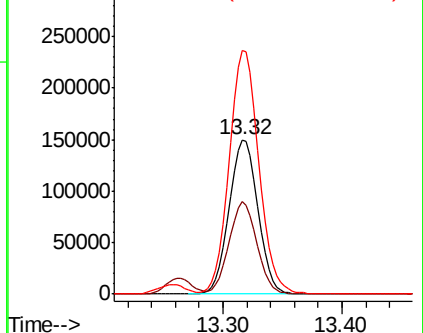
150 162.7 0.0 344.0

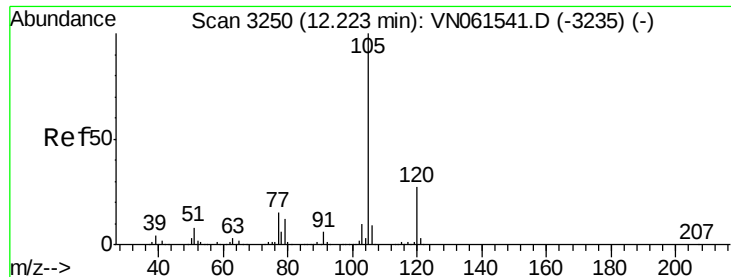


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.453 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

Instrument :

MSVOA_N

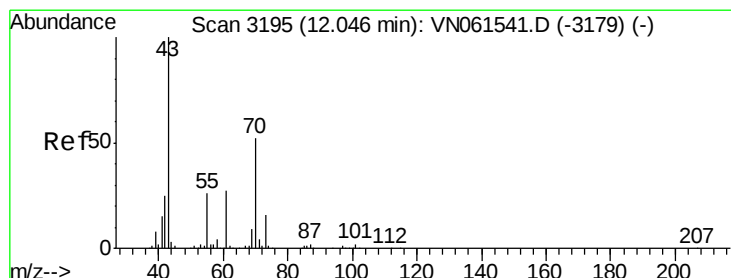
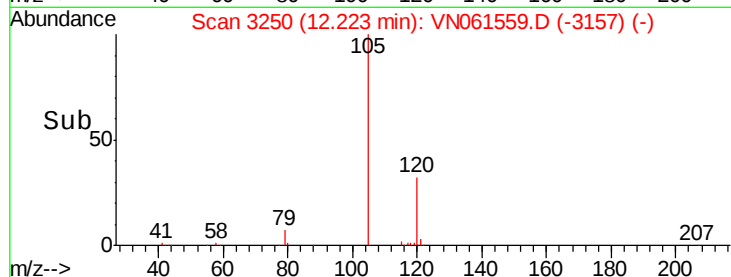
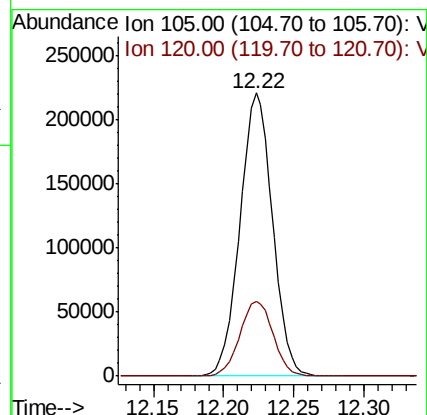
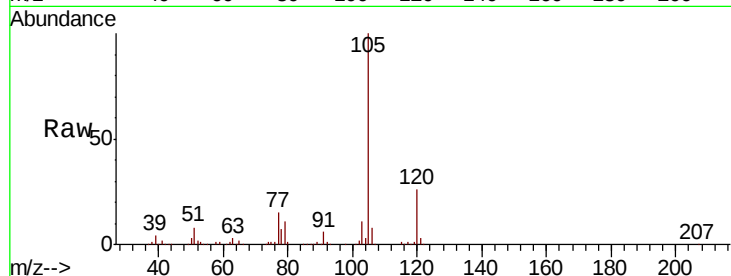
ClientSampled :

Tot Ion:105 Resp: 356707

Ion Ratio Lower Upper

105 100

120 27.1 13.8 41.3



#74

N-ethyl acetate

Concen: 18.931 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

Tgt Ion: 43 Resp: 109321

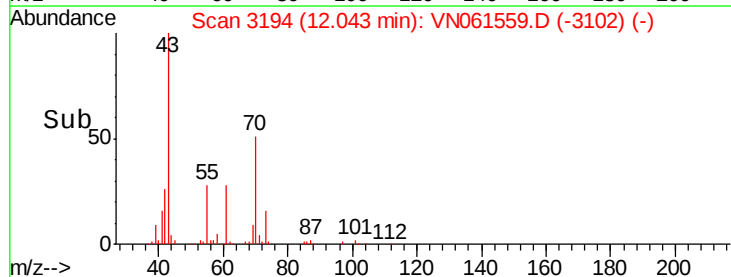
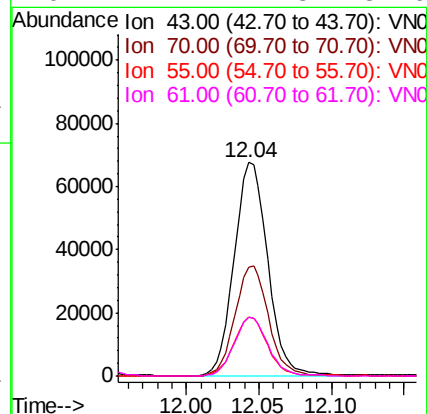
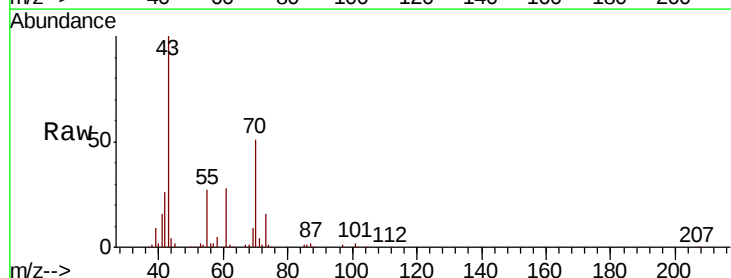
Ion Ratio Lower Upper

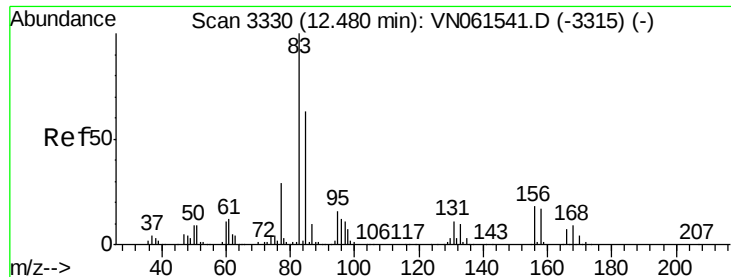
43 100

70 51.4 40.5 60.7

55 27.8 20.6 31.0

61 27.7 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.114 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

Instrument :

MSVOA_N

ClientSampleId :

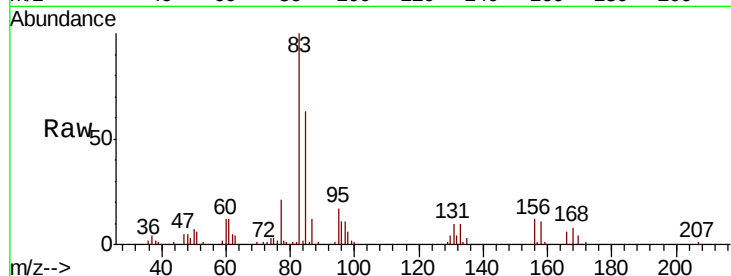
Tot Ion: 83 Resp: 98220

Ion Ratio Lower Upper

83 100

131 10.4 5.5 16.5

85 64.5 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061541.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN061541.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN061541.D (-3315) (-)

12.48

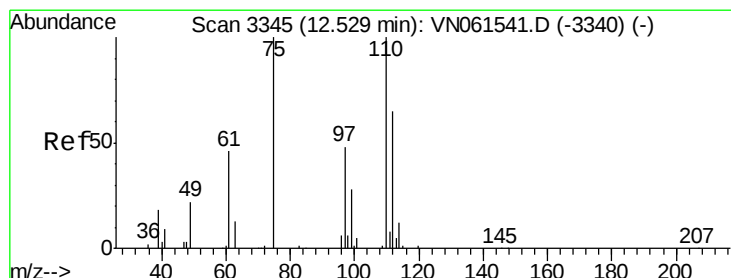
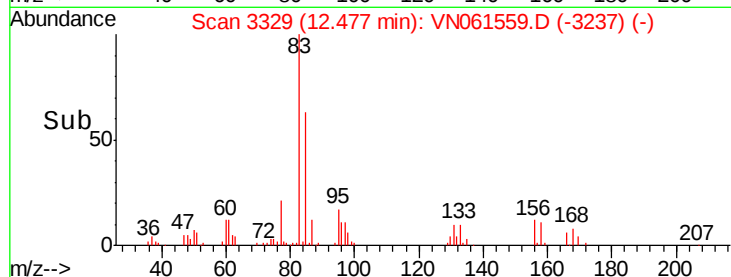
60000

40000

20000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 28.072 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061559.D

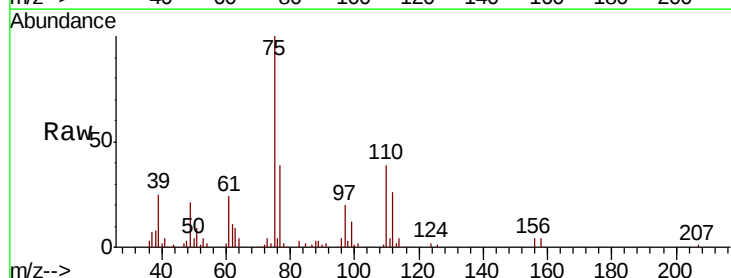
Acq: 29 May 2020 12:05

Tgt Ion: 75 Resp: 128246

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061541.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061541.D (-3340) (-)

12.53

80000

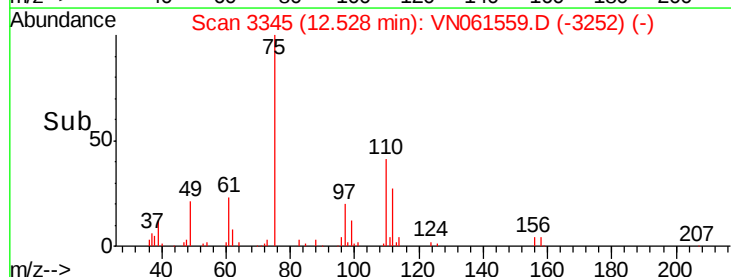
60000

40000

20000

0

Time--> 12.40 12.50 12.60





#77

Bromobenzene

Concen: 18.568 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

Instrument :

MSVOA_N

ClientSampleId :

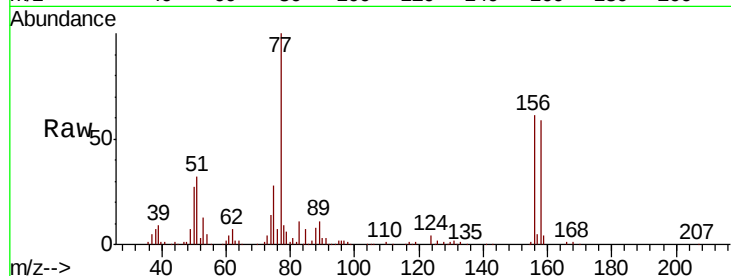
Tot Ion:156 Resp: 86910

Ion Ratio Lower Upper

156 100

77 194.4 90.9 272.7

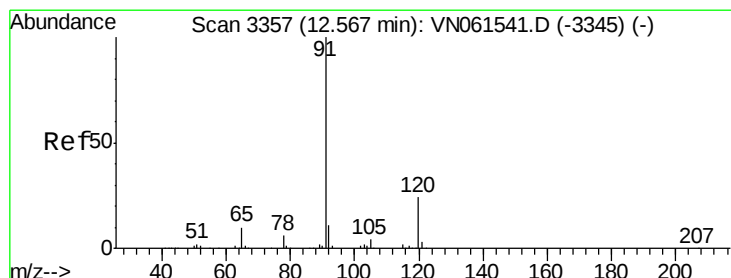
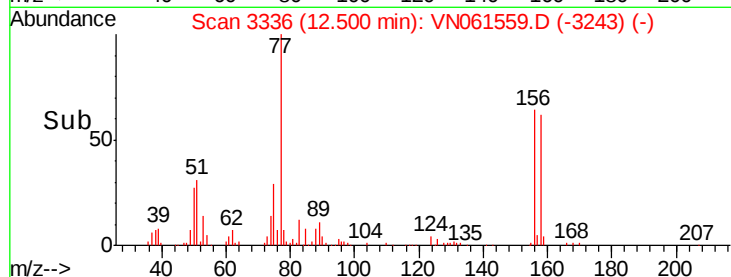
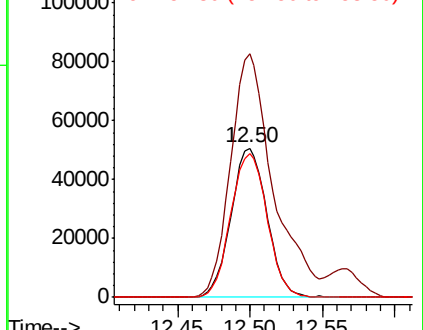
158 98.1 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.531 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061559.D

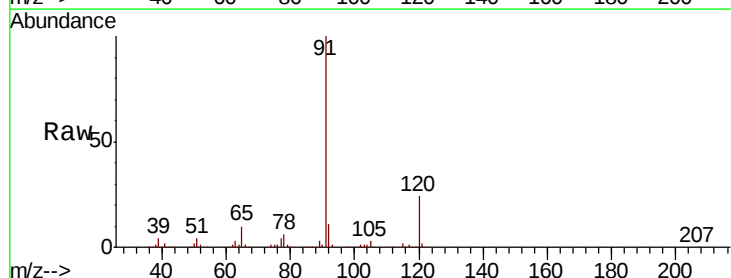
Acq: 29 May 2020 12:05

Tgt Ion: 91 Resp: 399813

Ion Ratio Lower Upper

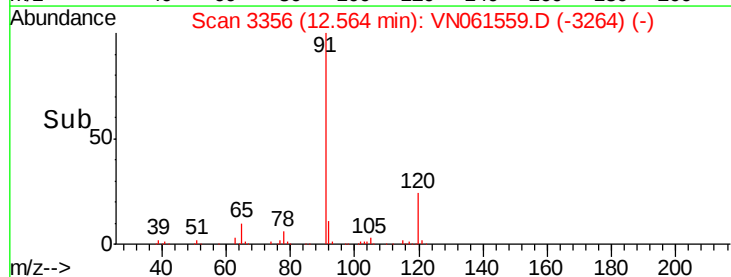
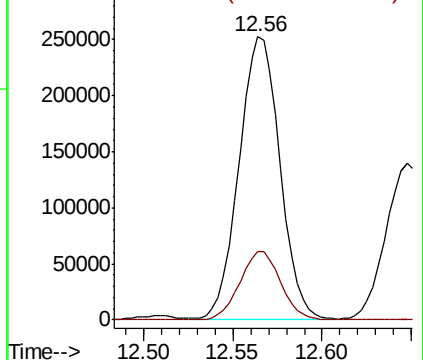
91 100

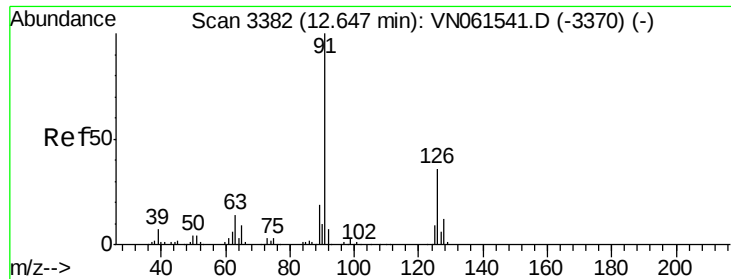
120 24.3 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V

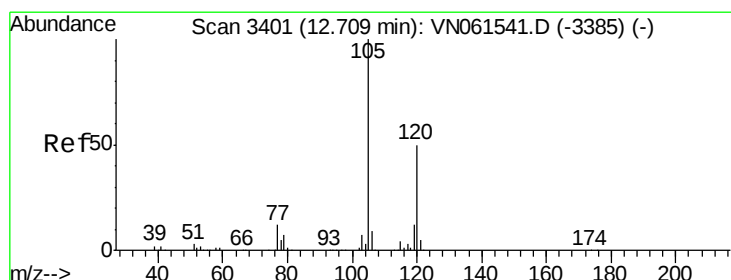
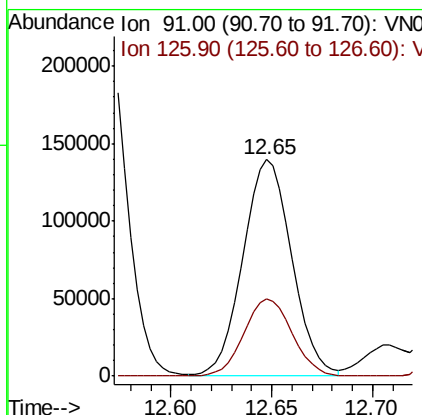
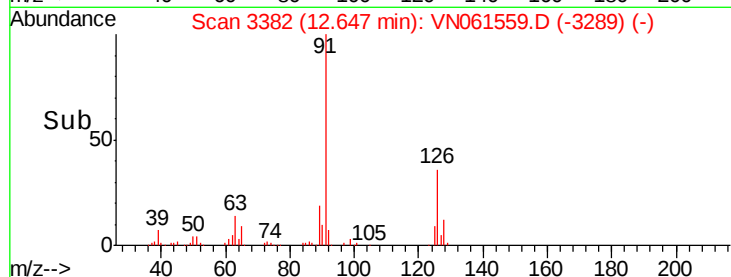
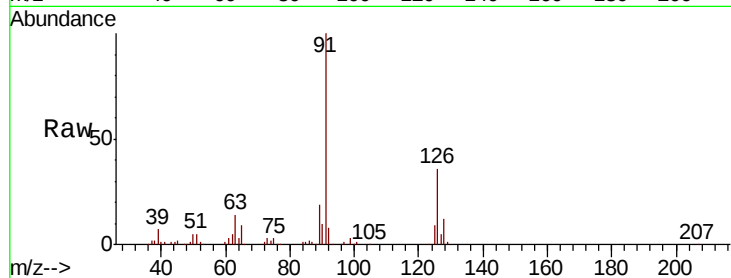




#79
2-Chlorotoluene
Concen: 19.174 ug/l
RT: 12.65 min Scan# 3382
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

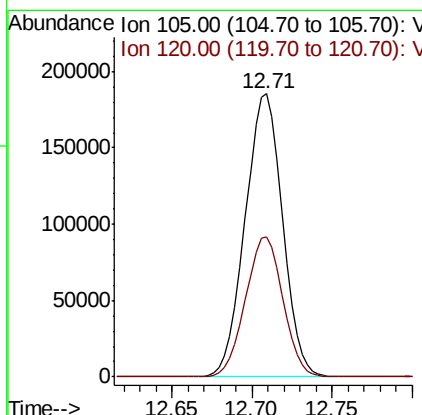
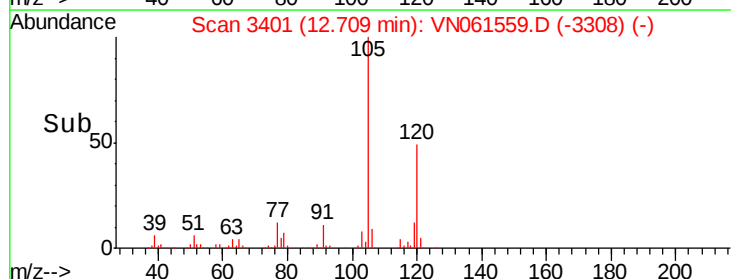
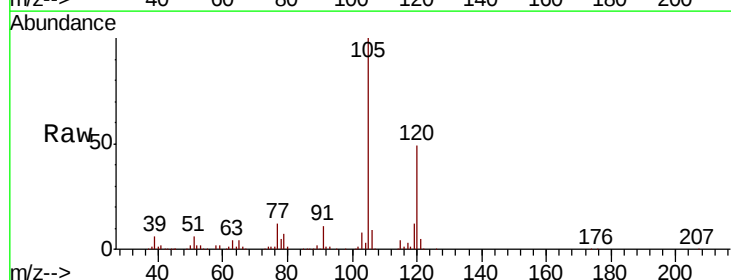
Instrument :
MSVOA_N
ClientSampled :

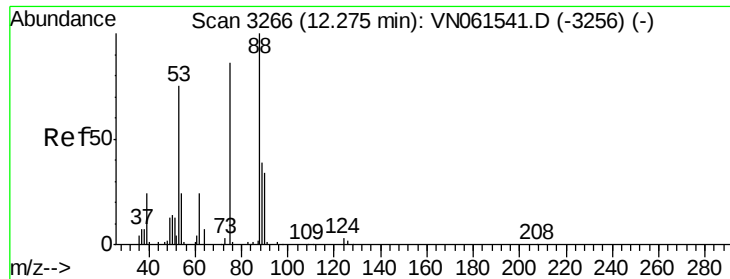
Tot Ion: 91 Resp: 234047
Ion Ratio Lower Upper
91 100
126 35.7 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 19.402 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

Tgt Ion:105 Resp: 297357
Ion Ratio Lower Upper
105 100
120 49.4 25.1 75.2

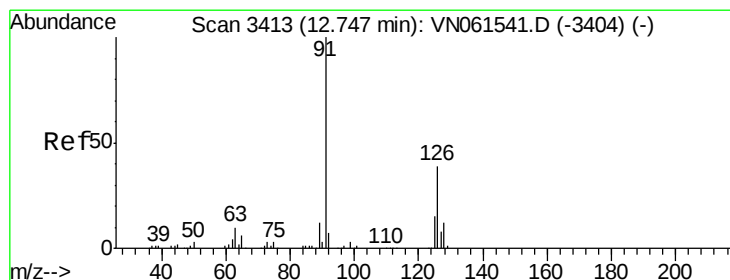
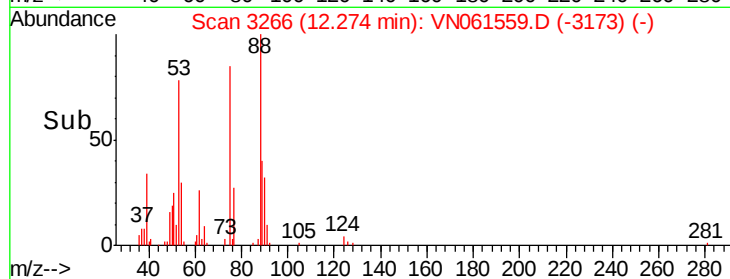
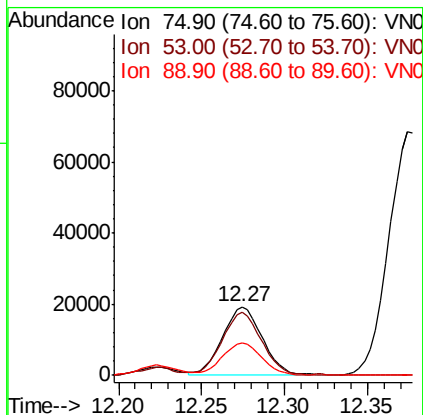
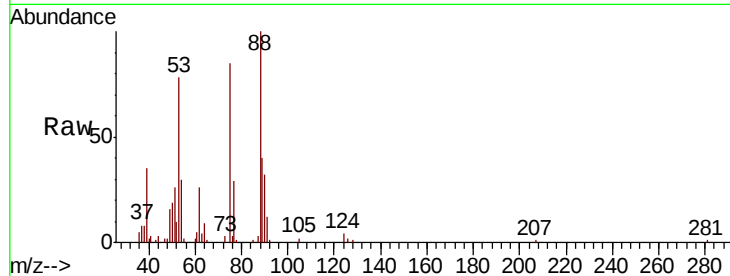




#81
trans-1,4-Dichloro-2-butene
Concen: 18.157 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

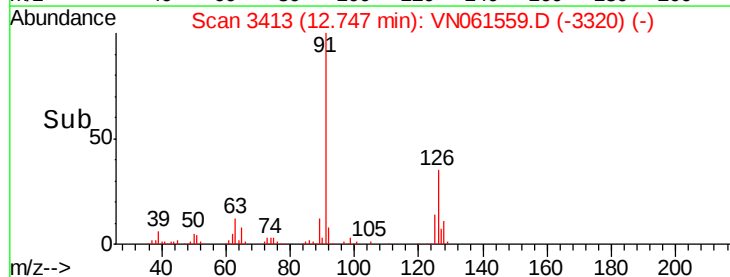
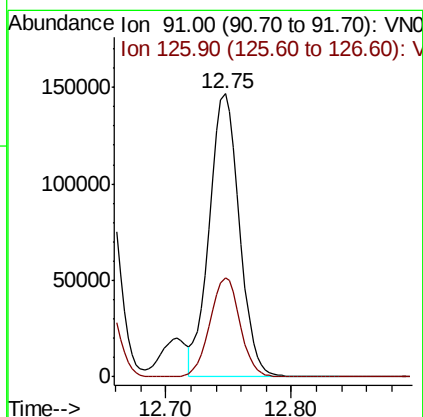
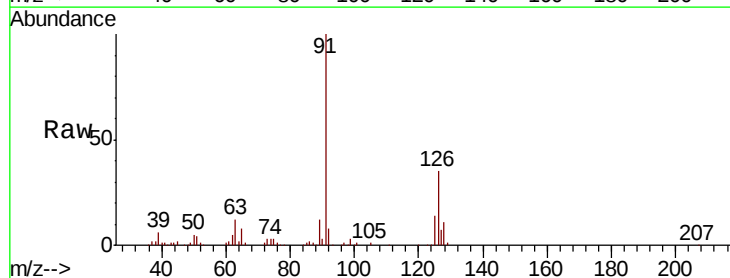
Instrument :
MSVOA_N
ClientSampleId :

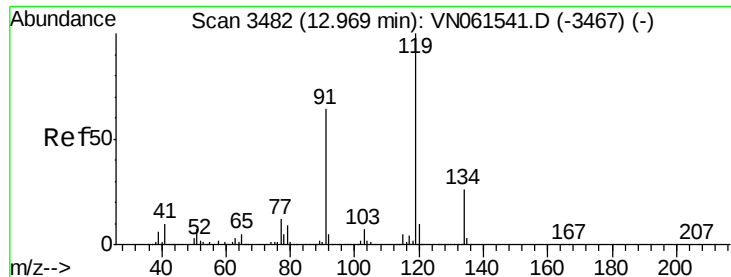
Tot Ion: 75 Resp: 32436
Ion Ratio Lower Upper
75 100
53 88.0 67.8 101.8
89 46.5 37.1 55.7



#82
4-Chlorotoluene
Concen: 19.031 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

Tgt Ion: 91 Resp: 244384
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.6

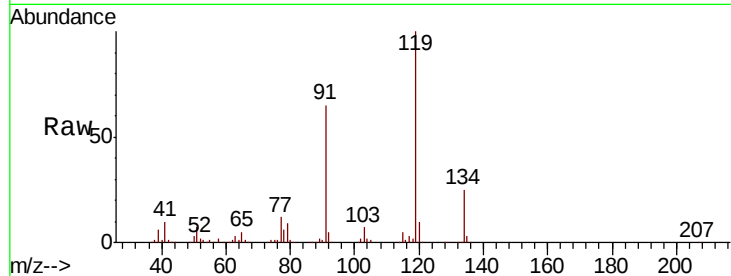




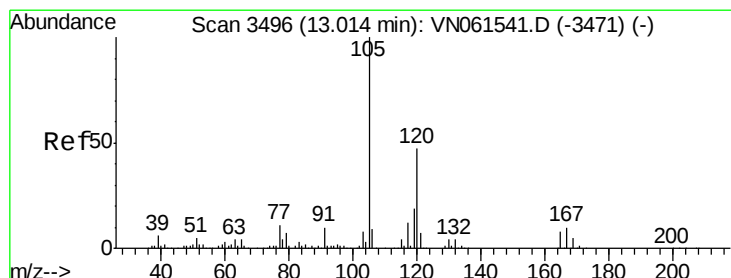
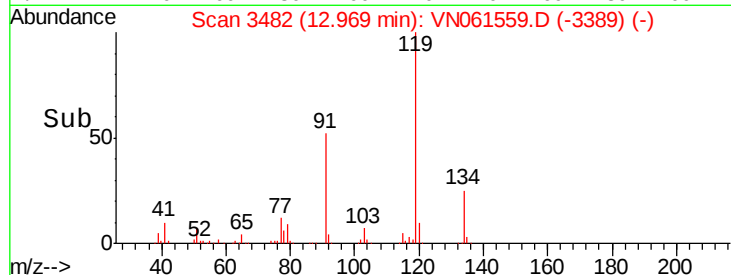
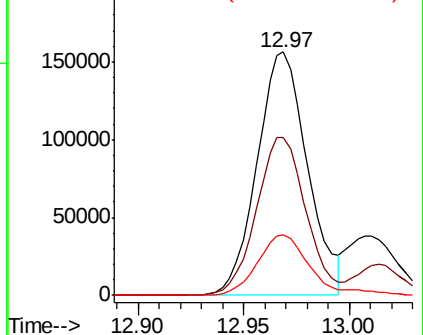
#83
tert-Butylbenzene
Concen: 19.215 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.2	31.3	93.8
134	26.1	13.5	40.4

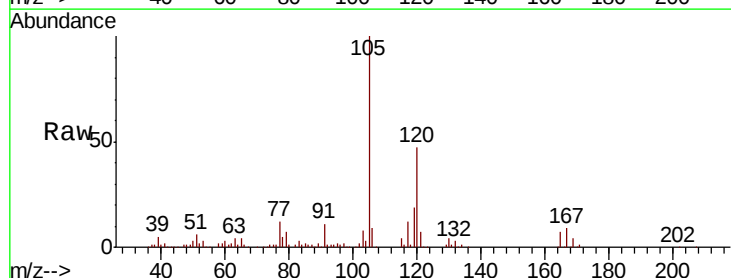


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

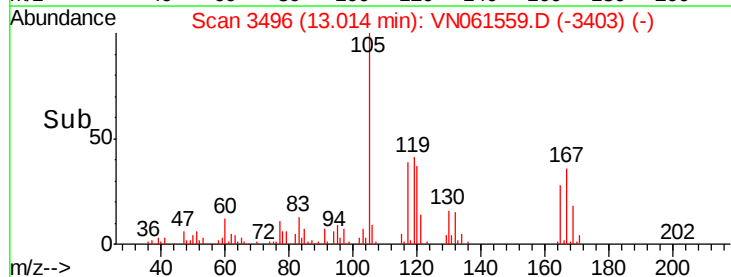
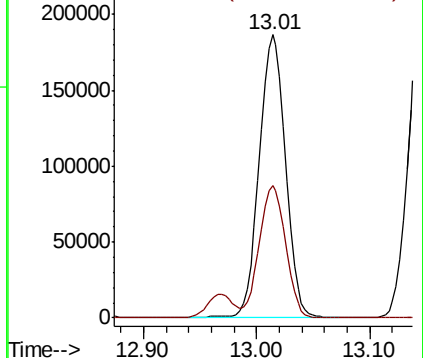


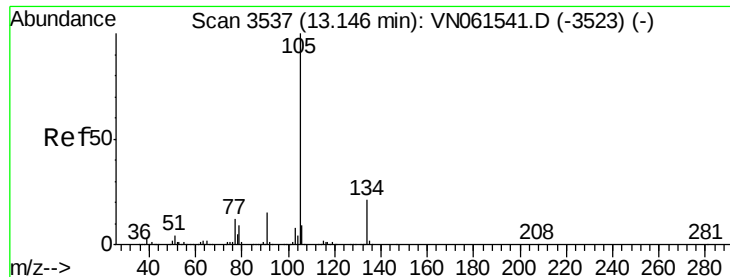
#84
1,2,4-Trimethylbenzene
Concen: 19.833 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.2	69.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.358 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

Instrument :

MSVOA_N

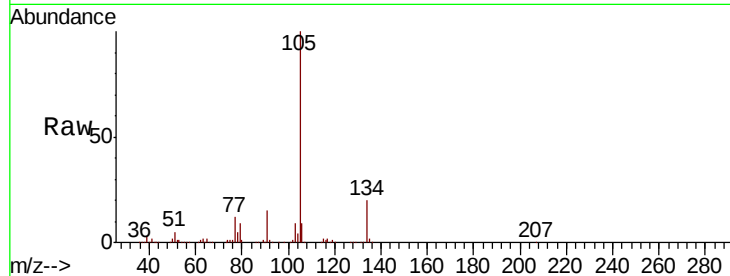
ClientSampleId :

Tot Ion:105 Resp: 337780

Ion Ratio Lower Upper

105 100

134 20.4 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

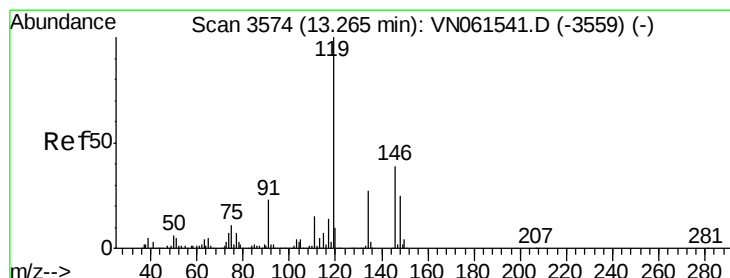
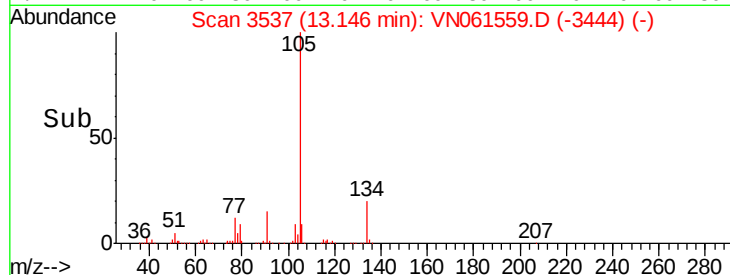
150000

100000

50000

0

Time--> 13.05 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 19.610 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

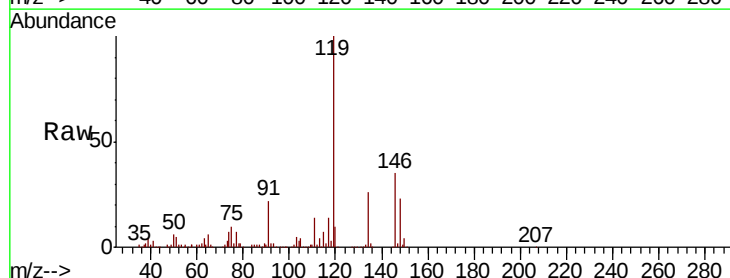
Tgt Ion:119 Resp: 315116

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.5

91 22.9 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

250000

200000

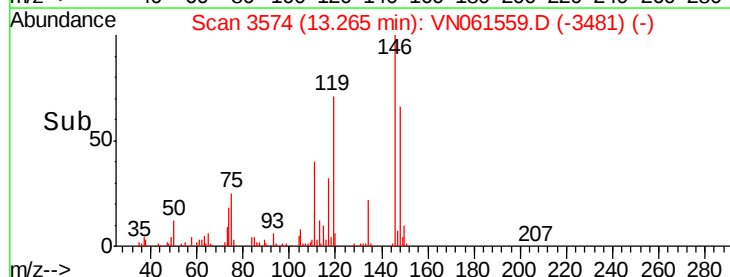
150000

100000

50000

0

Time--> 13.20 13.25 13.30

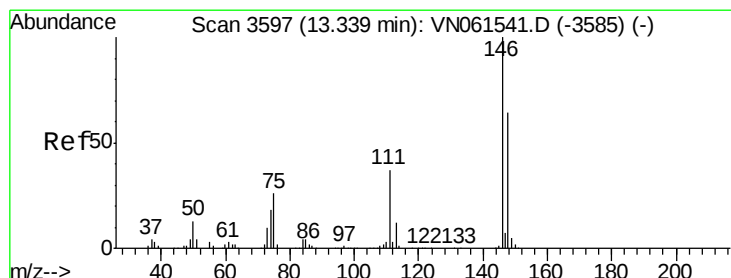
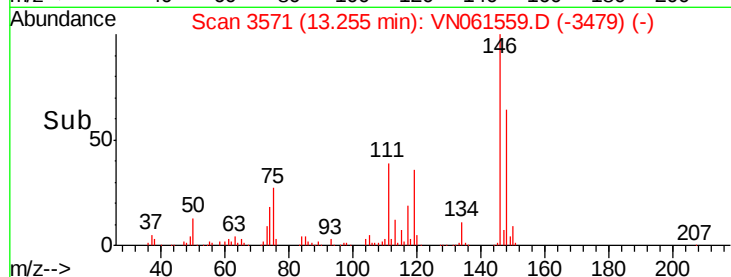
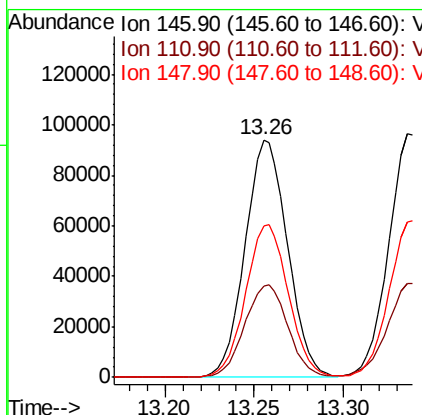
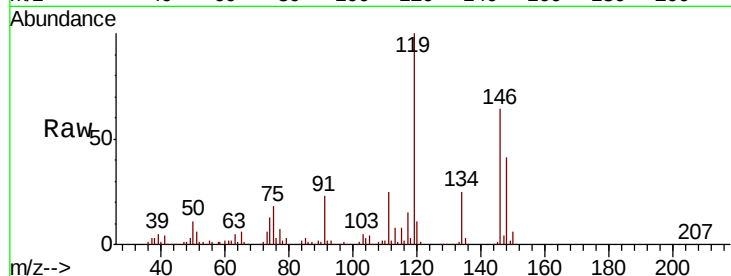




#87
 1,3-Dichlorobenzene
 Concen: 18.903 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061559.D
 Acq: 29 May 2020 12:05

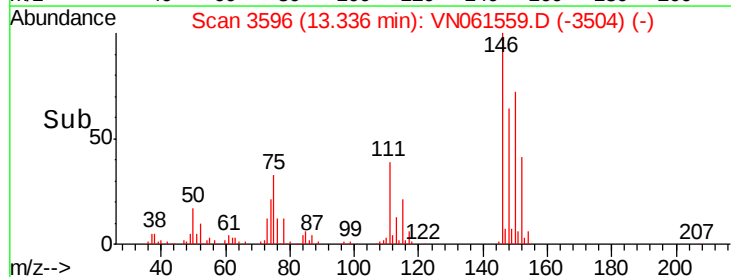
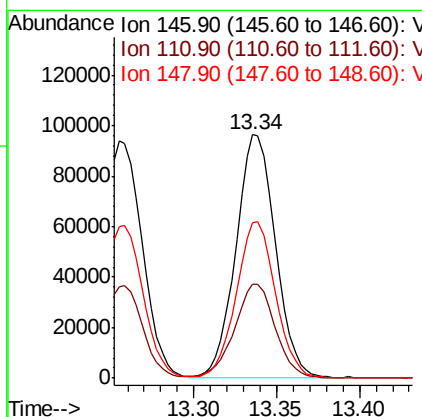
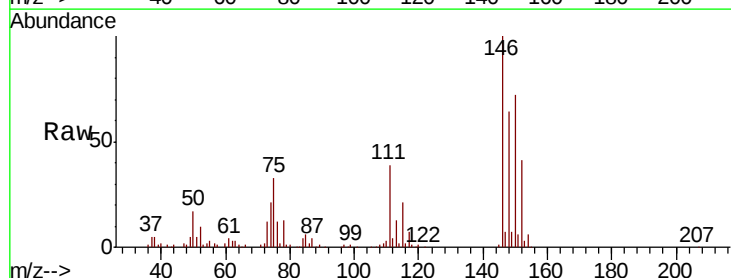
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:146 Resp: 156675
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.2 57.6
 148 64.7 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 18.797 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061559.D
 Acq: 29 May 2020 12:05

Tgt Ion:146 Resp: 158718
 Ion Ratio Lower Upper
 146 100
 111 40.2 18.9 56.9
 148 64.4 31.8 95.3





#89

n-Butylbenzene

Concen: 19.580 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061559.D

Acq: 29 May 2020 12:05

Instrument :

MSVOA_N

ClientSampled :

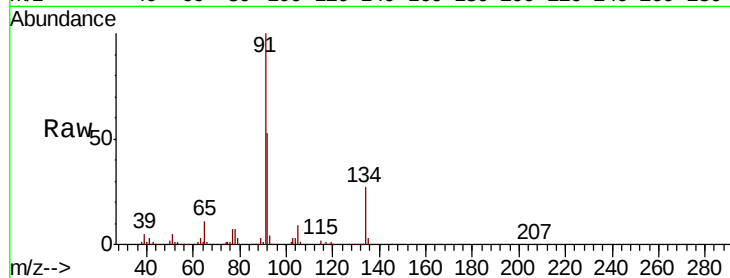
Tot Ion: 91 Resp: 263532

Ion Ratio Lower Upper

91 100

92 53.8 27.2 81.6

134 27.2 14.0 42.0

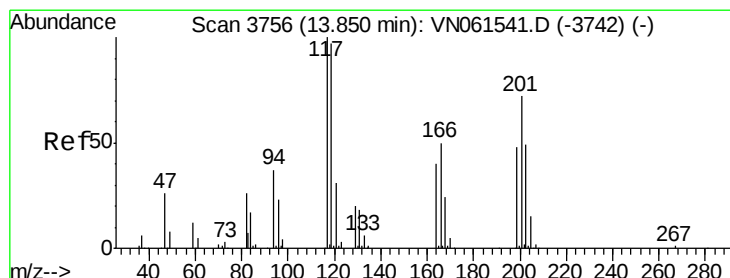
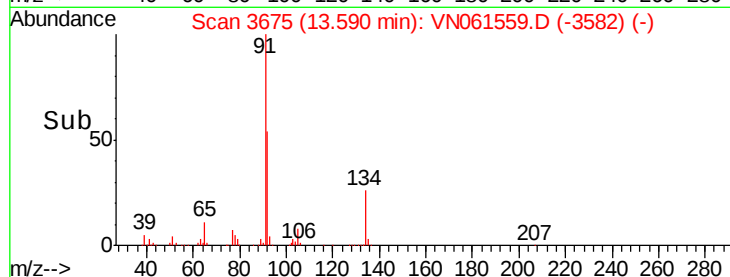


Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061541.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061541.D (-3661) (-)

Time-->



#90

Hexachloroethane

Concen: 21.028 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN061559.D

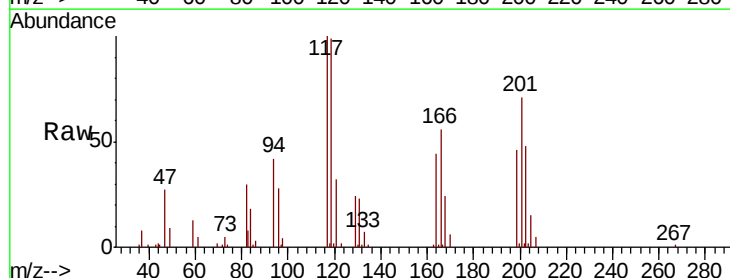
Acq: 29 May 2020 12:05

Tgt Ion: 117 Resp: 37370

Ion Ratio Lower Upper

117 100

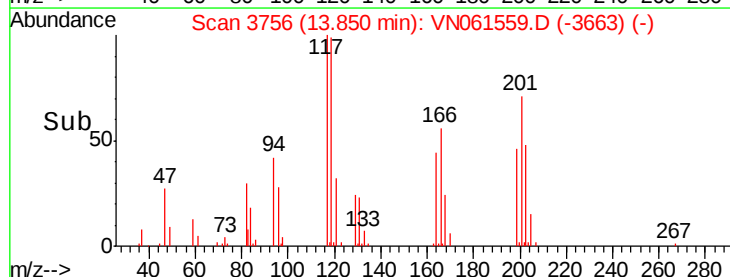
201 71.8 36.7 110.1



Abundance Ion 116.80 (116.50 to 117.50): VN061541.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061541.D (-3742) (-)

Time-->

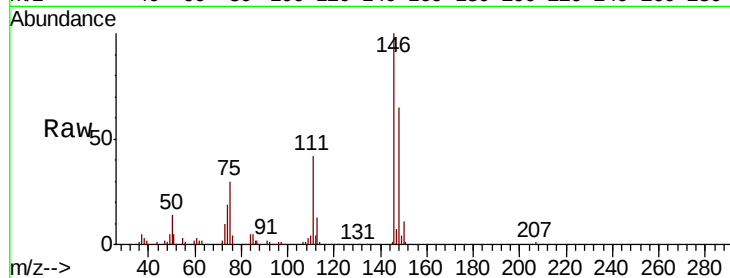




#91
 1,2-Dichlorobenzene
 Concen: 19.089 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061559.D
 Acq: 29 May 2020 12:05

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.1	60.2
148	64.6	31.9	95.5

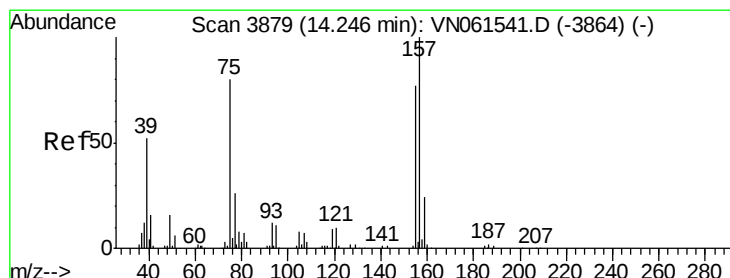
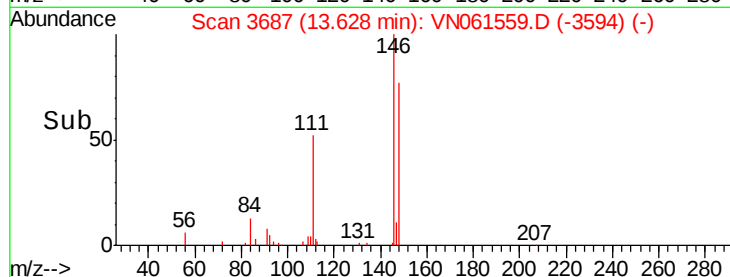
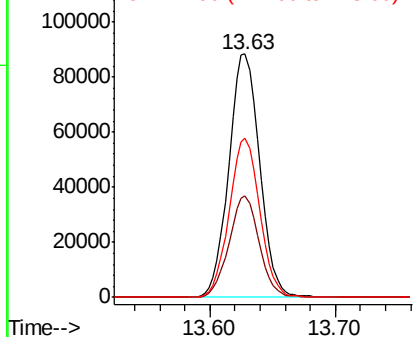


Abundance

Ion 145.90 (145.60 to 146.60): V

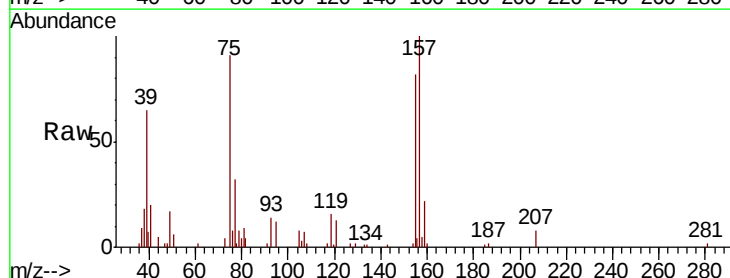
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.464 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN061559.D
 Acq: 29 May 2020 12:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.7	47.1	141.4
157	111.4	60.3	180.8

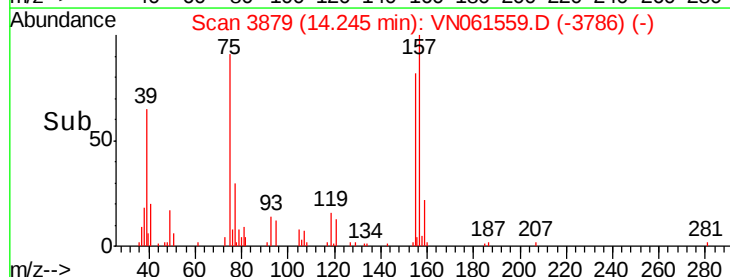
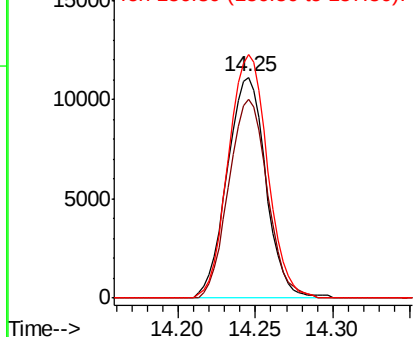


Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

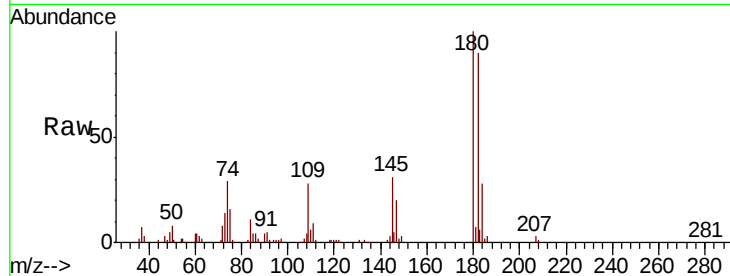




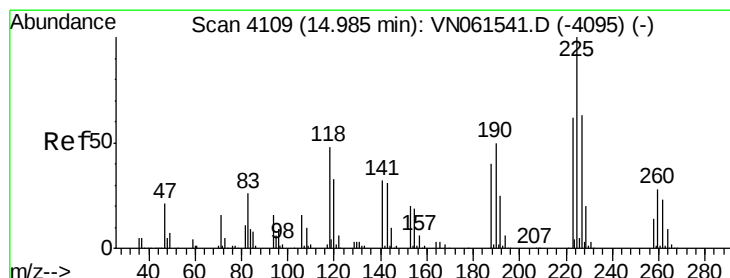
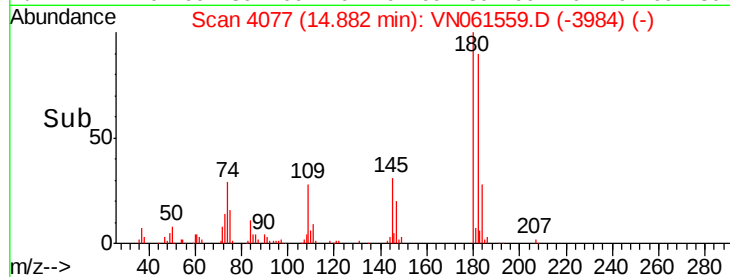
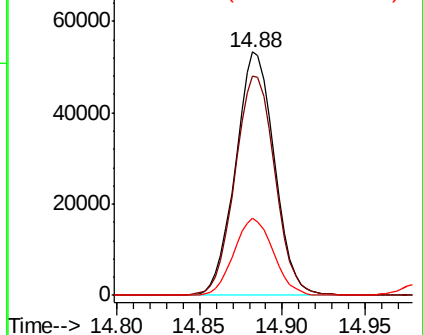
#93
 1,2,4-Trichlorobenzene
 Concen: 18.773 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061559.D
 Acq: 29 May 2020 12:05

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.8	143.3
145	31.9	15.5	46.5

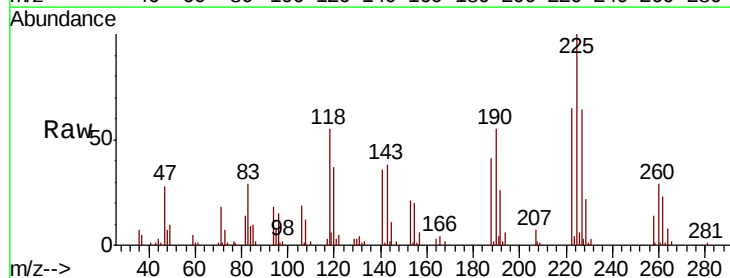


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

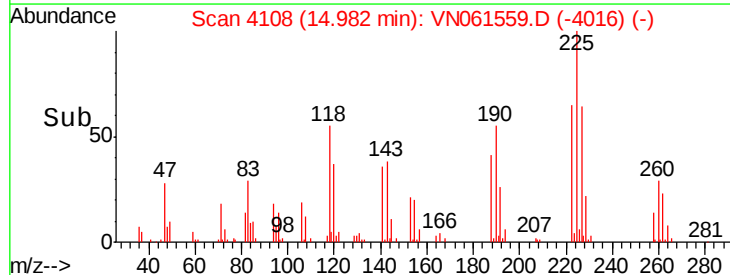
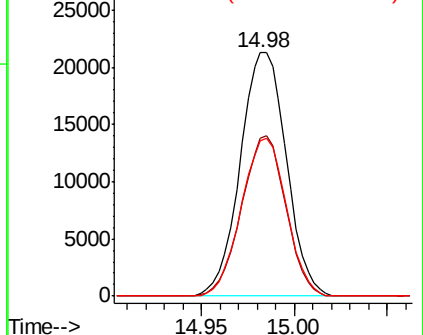


#94
 Hexachlorobutadiene
 Concen: 18.542 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061559.D
 Acq: 29 May 2020 12:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.9	95.5
227	63.4	31.9	95.9



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

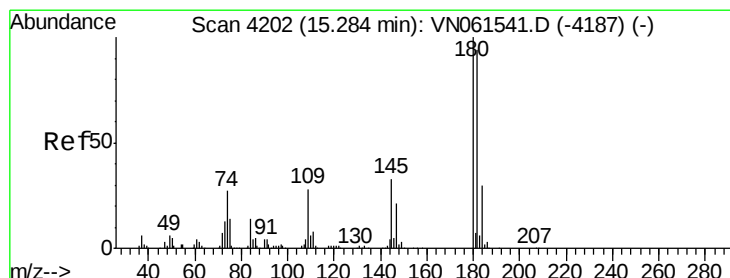
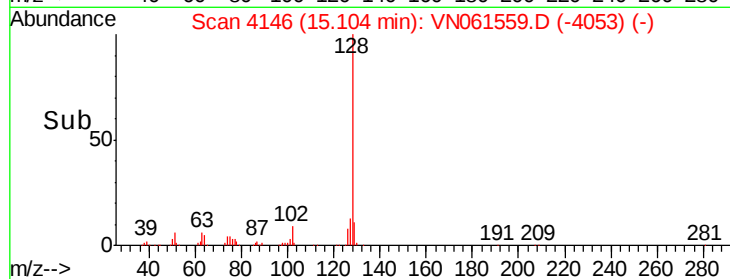
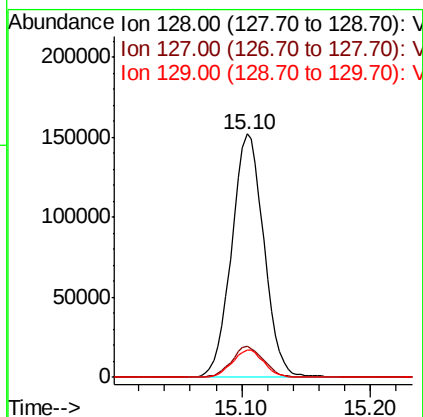
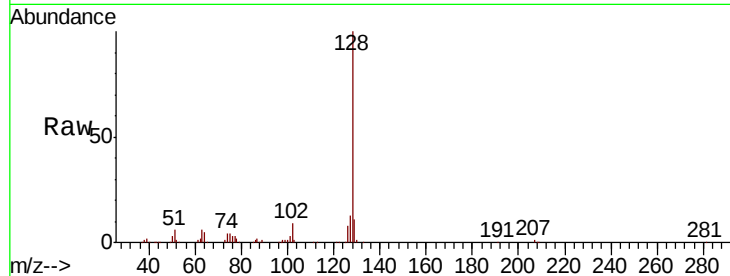




#95
Naphthalene
Concen: 18.715 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 263883
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 11.0 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 18.562 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061559.D
Acq: 29 May 2020 12:05

Tgt Ion:180 Resp: 84545
Ion Ratio Lower Upper
180 100
182 95.4 47.1 141.3
145 35.3 16.3 48.9

