

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061554.D
 Acq On : 29 May 2020 1:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 29 02:42:51 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	7.63	168	326655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	566921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	539258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	273455	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	214236	55.05	ug/l	0.00
Spiked Amount			Recovery	=	110.10%	
35) Dibromofluoromethane	7.55	113	150279	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
50) Toluene-d8	10.06	98	719707	54.00	ug/l	0.00
Spiked Amount			Recovery	=	108.00%	
62) 4-Bromofluorobenzene	12.38	95	260860	53.65	ug/l	0.00
Spiked Amount			Recovery	=	107.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	180979	48.032	ug/l	97
3) Chloromethane	2.03	50	207971	52.200	ug/l	99
4) Vinyl Chloride	2.16	62	288911	52.917	ug/l	99
5) Bromomethane	2.53	94	167378	53.427	ug/l	99
6) Chloroethane	2.67	64	182103	51.819	ug/l	99
7) Trichlorofluoromethane	2.98	101	366121	52.002	ug/l	99
8) Diethyl Ether	3.37	74	101885	47.326	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	152270	48.738	ug/l	98
10) Methyl Iodide	3.91	142	205311	47.339	ug/l	99
11) Tert butyl alcohol	4.73	59	123768	239.088	ug/l	100
12) 1,1-Dichloroethene	3.69	96	158923	47.612	ug/l	98
13) Acrolein	3.57	56	31698	205.980	ug/l	96
14) Allyl chloride	4.27	41	210484	48.235	ug/l	100
15) Acrylonitrile	4.93	53	353495	244.648	ug/l	100
16) Acetone	3.77	43	268015	249.871	ug/l	97
17) Carbon Disulfide	4.01	76	354675	48.297	ug/l	100
18) Methyl Acetate	4.28	43	167393	47.512	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	554804	48.771	ug/l	99
20) Methylene Chloride	4.50	84	185115	52.415	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	182859	48.578	ug/l	98
22) Diisopropyl ether	5.90	45	481221	50.035	ug/l	99
23) Vinyl Acetate	5.84	43	1854408	241.912	ug/l	100
24) 1,1-Dichloroethane	5.80	63	298934	49.015	ug/l	99
25) 2-Butanone	6.79	43	439546	238.304	ug/l	98
26) 2,2-Dichloropropane	6.78	77	226136	40.511	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	211553	49.632	ug/l	99
28) Bromochloromethane	7.15	49	129839	56.902	ug/l	97
29) Tetrahydrofuran	7.17	42	293718	241.489	ug/l	100
30) Chloroform	7.33	83	337053	49.954	ug/l	98
31) Cyclohexane	7.61	56	269691	49.169	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	308995	50.259	ug/l	100
36) 1,1-Dichloropropene	7.75	75	248826	49.579	ug/l	98
37) Ethyl Acetate	6.88	43	197240	48.795	ug/l	99
38) Carbon Tetrachloride	7.73	117	246240	50.866	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	307062	49.639	ug/l	98
40) Benzene	8.00	78	753655	48.670	ug/l	100
41) Methacrylonitrile	7.17	41	273078	147.450	ug/l #	8
42) 1,2-Dichloroethane	8.09	62	252553	48.716	ug/l	99
43) Isopropyl Acetate	8.13	43	343786	47.272	ug/l	99
44) Trichloroethene	8.80	130	231109	48.563	ug/l	99
45) 1,2-Dichloropropane	9.09	63	179513	48.820	ug/l	98
46) Dibromomethane	9.18	93	135530	48.059	ug/l	97
47) Bromodichloromethane	9.37	83	280962	50.287	ug/l	99
48) Methyl methacrylate	9.17	41	149306	45.632	ug/l	98
49) 1,4-Dioxane	9.17	88	47419	935.494	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	984705	240.276	ug/l	100
52) Toluene	10.13	92	506328	50.097	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	287991	47.848	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	307933	47.582	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	194781	48.373	ug/l	98
56) Ethyl methacrylate	10.40	69	279300	49.655	ug/l	100
57) 1,3-Dichloropropane	10.68	76	318076	49.390	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	613483	255.219	ug/l	99
59) 2-Hexanone	10.72	43	706015	239.878	ug/l	100
60) Dibromochloromethane	10.88	129	227317	49.657	ug/l	99
61) 1,2-Dibromoethane	10.98	107	211810	50.436	ug/l	98
64) Tetrachloroethene	10.60	164	251028	49.453	ug/l	98
65) Chlorobenzene	11.41	112	547174	48.815	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	206904	49.573	ug/l	99
67) Ethyl Benzene	11.48	91	968888	50.010	ug/l	99
68) m/p-Xylenes	11.60	106	759906	98.923	ug/l	100
69) o-Xylene	11.92	106	365174	50.050	ug/l	99
70) Styrene	11.94	104	618626	51.199	ug/l	99
71) Bromoform	12.10	173	154711	48.105	ug/l #	97
73) Isopropylbenzene	12.22	105	972392	48.720	ug/l	99
74) N-amyl acetate	12.05	43	302624	48.147	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	252256	45.102	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	334058	67.182	ug/l #	100
77) Bromobenzene	12.50	156	240153	47.139	ug/l	97
78) n-propylbenzene	12.57	91	1090499	48.942	ug/l	99
79) 2-Chlorotoluene	12.65	91	634941	47.790	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	816806	48.964	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	83127	42.751	ug/l	98
82) 4-Chlorotoluene	12.75	91	669476	47.898	ug/l	100
83) tert-Butylbenzene	12.97	119	697518	47.324	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	825774	49.829	ug/l	99
85) sec-Butylbenzene	13.15	105	927699	48.845	ug/l	99
86) p-Isopropyltoluene	13.26	119	867900	49.621	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	438271	48.581	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	438528	47.716	ug/l	99
89) n-Butylbenzene	13.59	91	728281	49.712	ug/l	99
90) Hexachloroethane	13.85	117	101108	52.271	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	418552	48.548	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	50379	44.166	ug/l	99

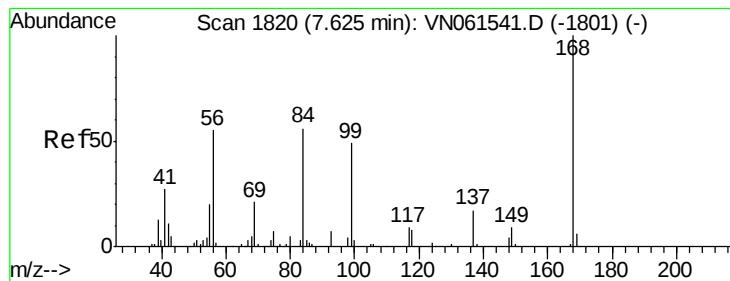
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
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QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	244733	48.537	ug/l	99
94) Hexachlorobutadiene	14.98	225	97130	45.168	ug/l	99
95) Naphthalene	15.10	128	750546	48.905	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	238299	48.068	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

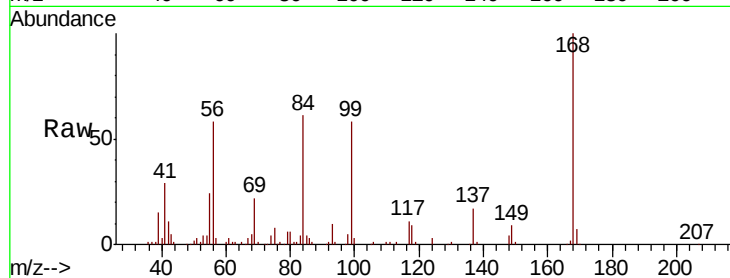
VSTDCCC050EC

Tot Ion:168 Resp: 326655

Ion Ratio Lower Upper

168 100

99 58.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

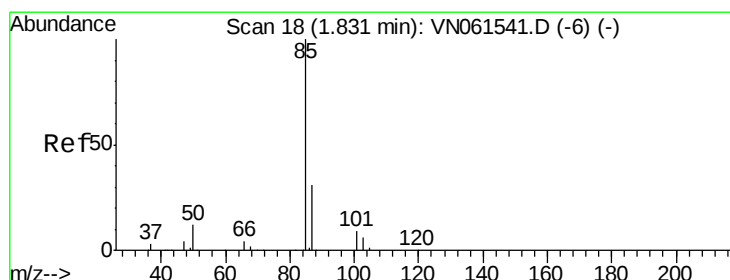
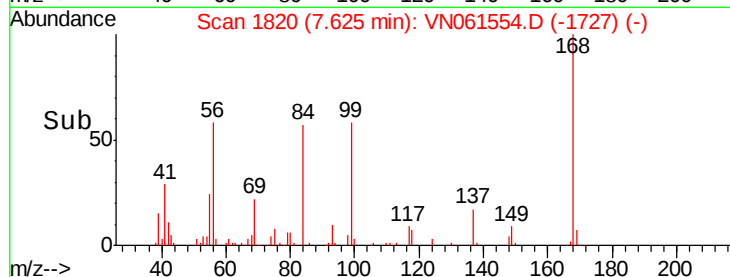
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50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.032 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061554.D

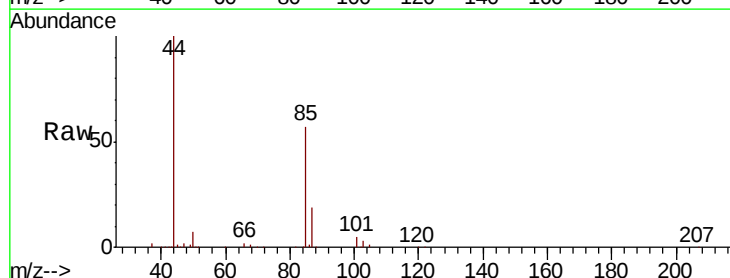
Acq: 29 May 2020 1:10

Tgt Ion: 85 Resp: 180979

Ion Ratio Lower Upper

85 100

87 32.8 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

150000

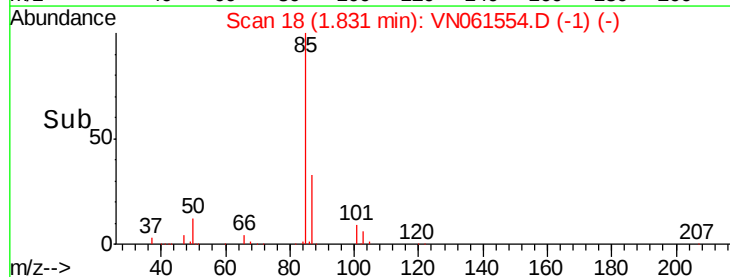
100000

50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 52.200 ug/l

RT: 2.03 min Scan# 80

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

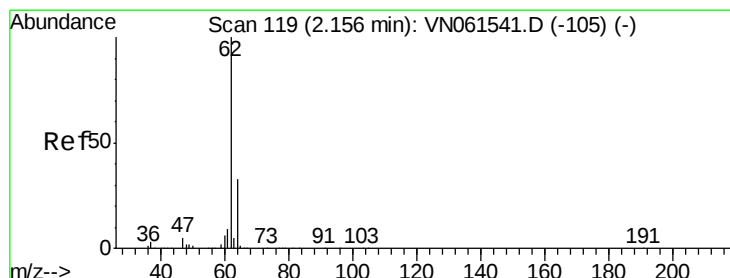
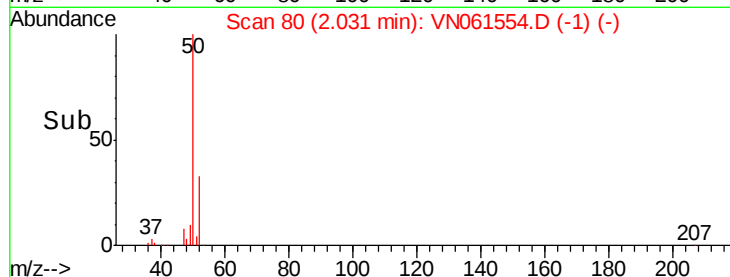
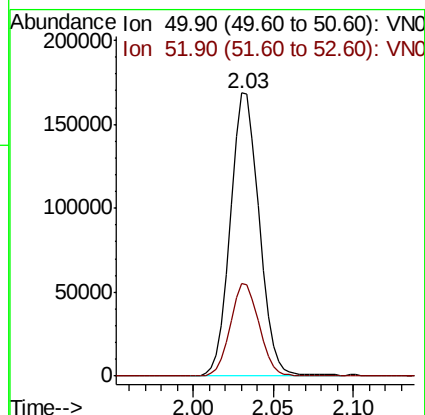
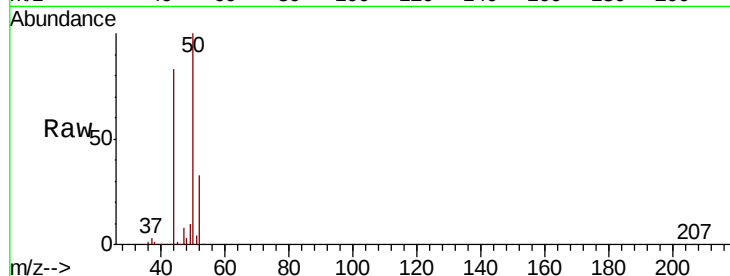
VSTDCCC050EC

Tot Ion: 50 Resp: 207971

Ion Ratio Lower Upper

50 100

52 32.7 26.7 40.1



#4

Vinyl Chloride

Concen: 52.917 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061554.D

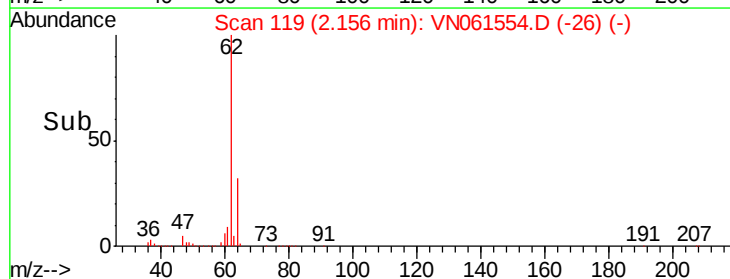
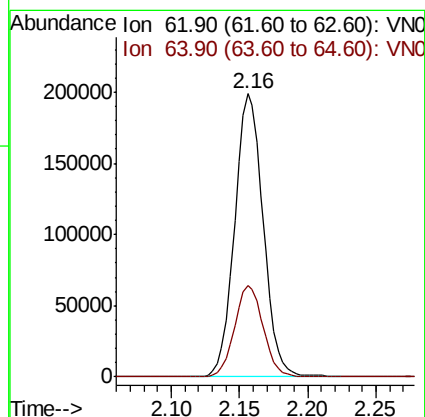
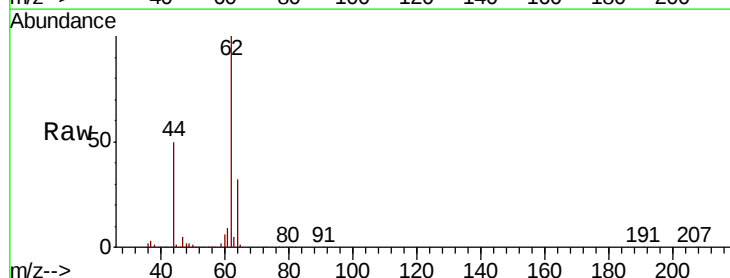
Acq: 29 May 2020 1:10

Tgt Ion: 62 Resp: 288911

Ion Ratio Lower Upper

62 100

64 32.3 26.2 39.2





#5

Bromomethane

Concen: 53.427 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

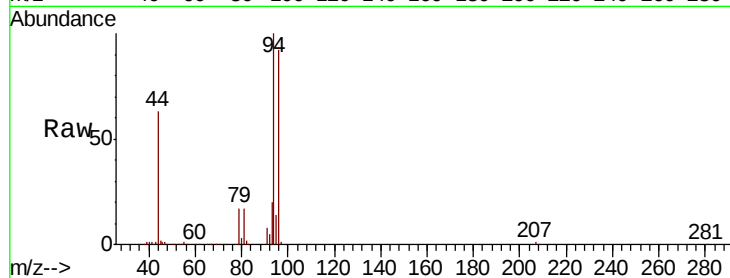
VSTDCCC050EC

Tot Ion: 94 Resp: 167378

Ion Ratio Lower Upper

94 100

96 92.2 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

80000

60000

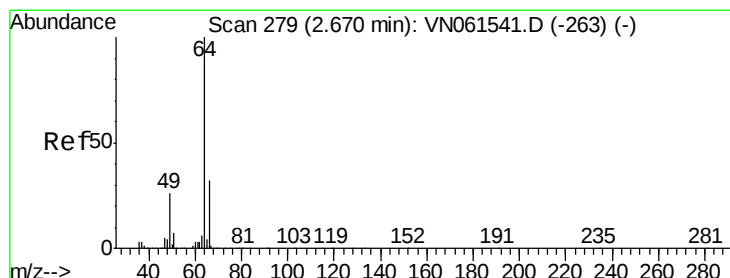
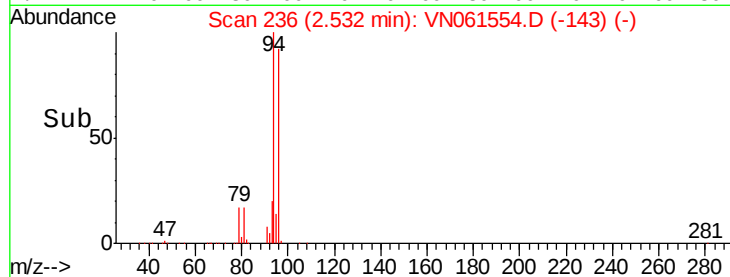
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20000

0

Time-->

2.40 2.50 2.60



#6

Chloroethane

Concen: 51.819 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061554.D

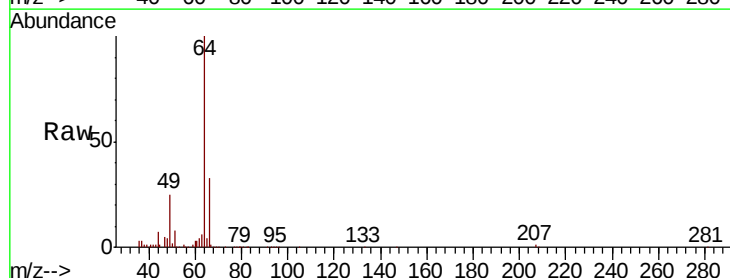
Acq: 29 May 2020 1:10

Tgt Ion: 64 Resp: 182103

Ion Ratio Lower Upper

64 100

66 32.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

100000

80000

60000

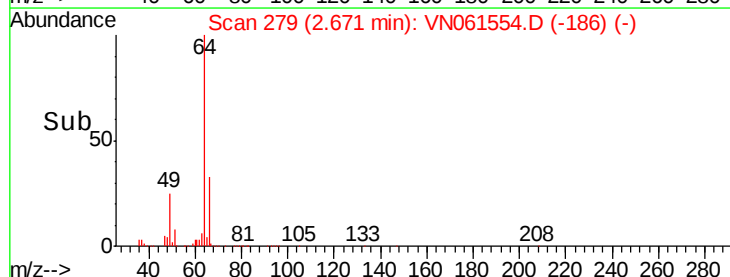
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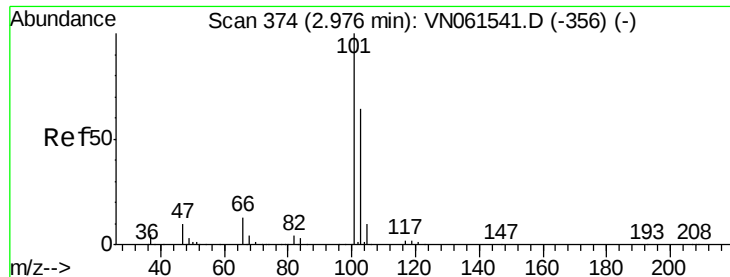
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Time-->

2.60 2.70 2.80



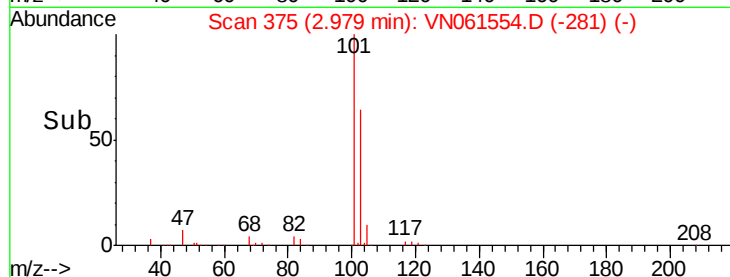
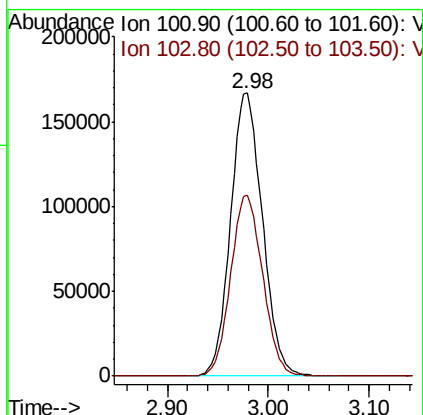
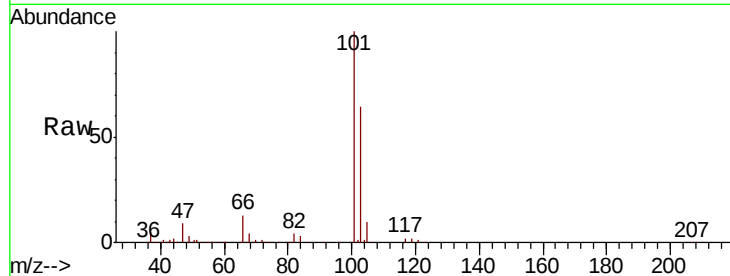


#7

Trichlorofluoromethane
Concen: 52.002 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

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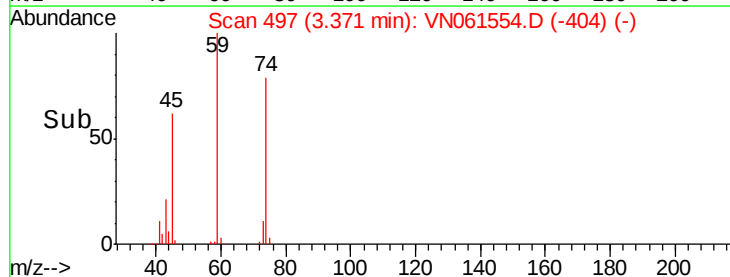
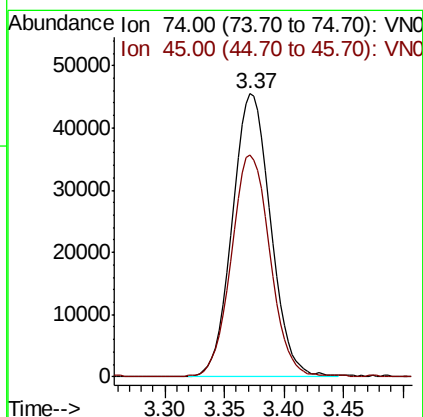
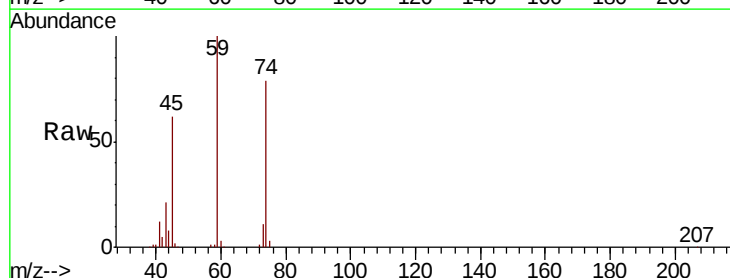
Tot Ion:101 Resp: 366121
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

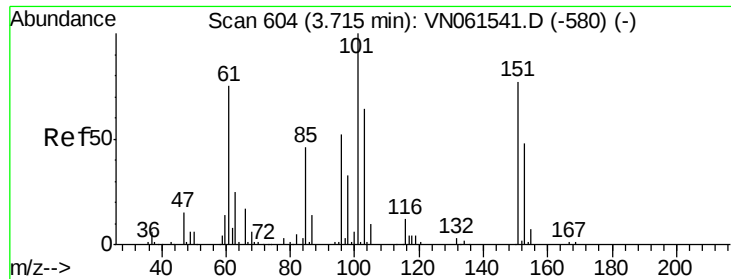


#8

Diethyl Ether
Concen: 47.326 ug/l
RT: 3.37 min Scan# 497
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion: 74 Resp: 101885
Ion Ratio Lower Upper
74 100
45 79.0 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.738 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

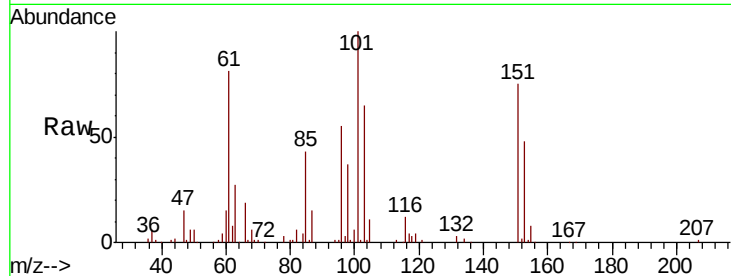
Tot Ion:101 Resp: 152270

Ion Ratio Lower Upper

101 100

85 43.7 35.2 52.8

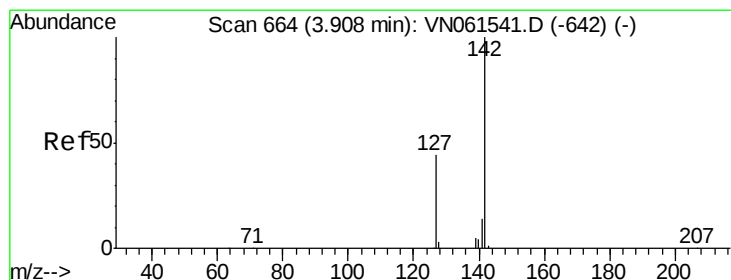
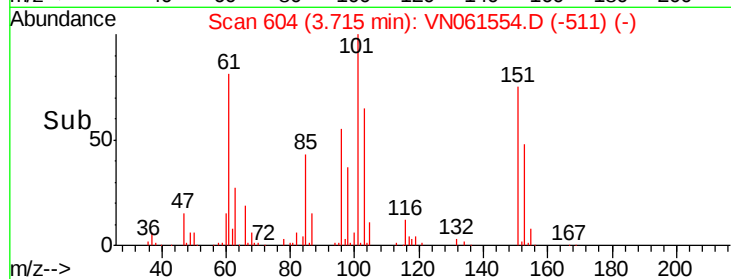
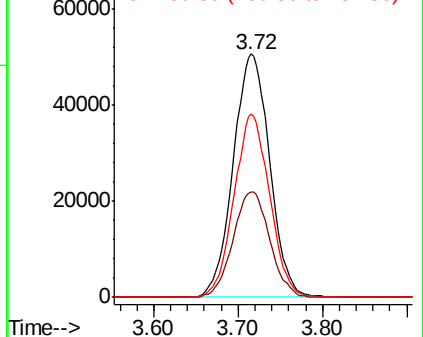
151 73.4 61.0 91.6



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: 47.339 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

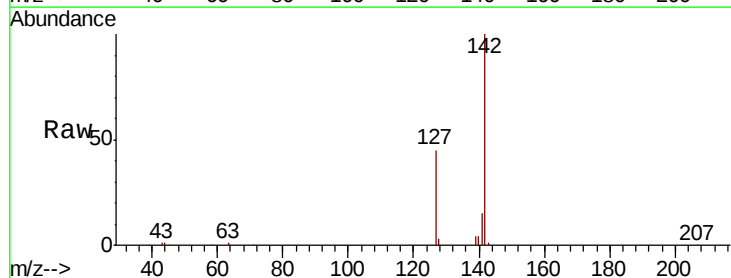
Tgt Ion:142 Resp: 205311

Ion Ratio Lower Upper

142 100

127 45.6 35.5 53.3

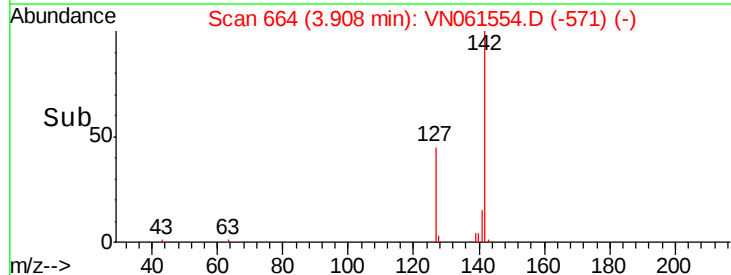
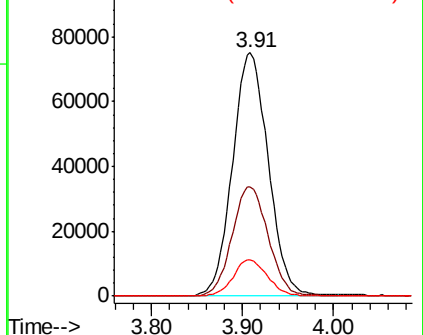
141 14.4 11.5 17.3

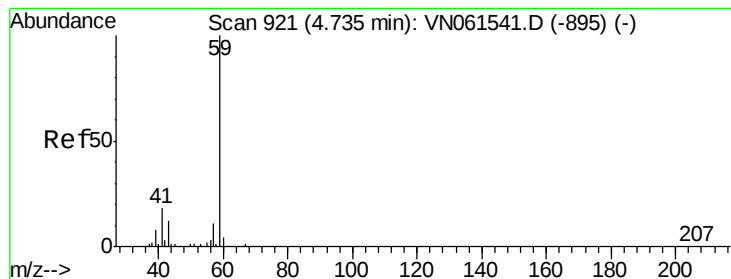


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 239.088 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

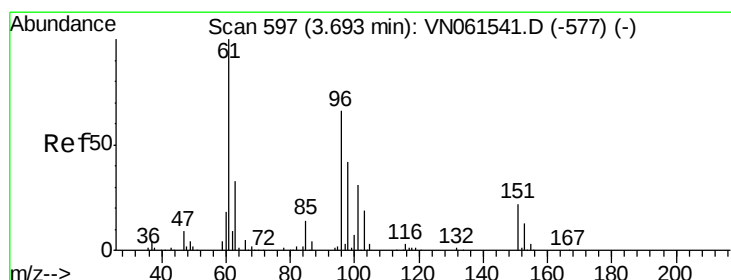
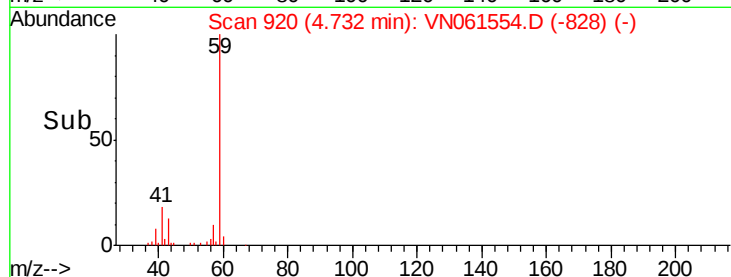
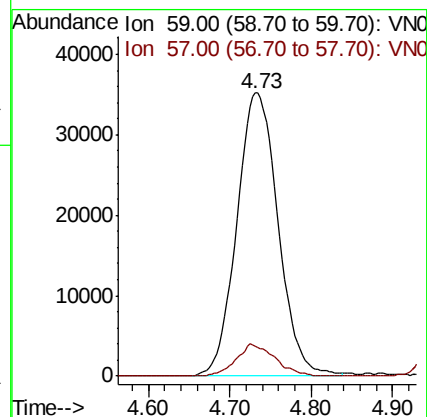
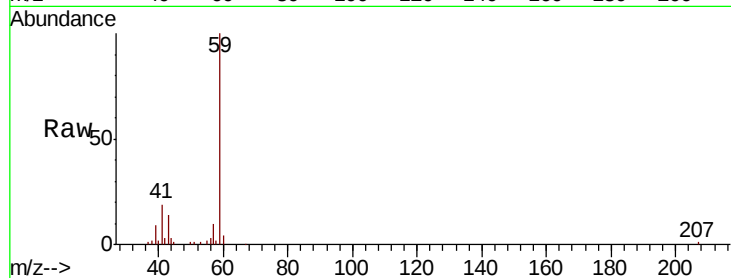
VSTDCCC050EC

Tot Ion: 59 Resp: 123768

Ion Ratio Lower Upper

59 100

57 10.7 8.4 12.6



#12

1,1-Dichloroethene

Concen: 47.612 ug/l

RT: 3.69 min Scan# 597

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

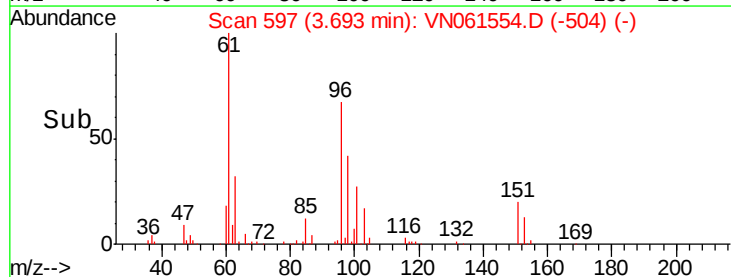
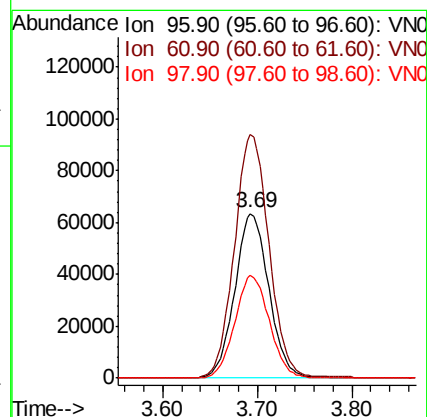
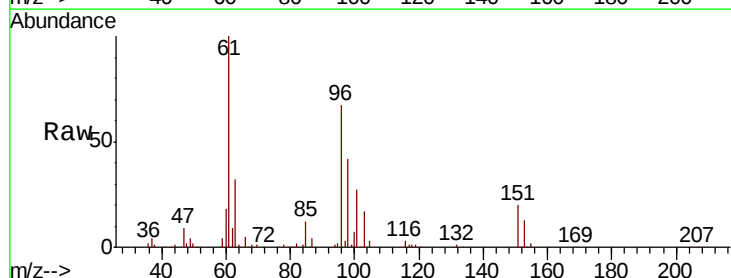
Tgt Ion: 96 Resp: 158923

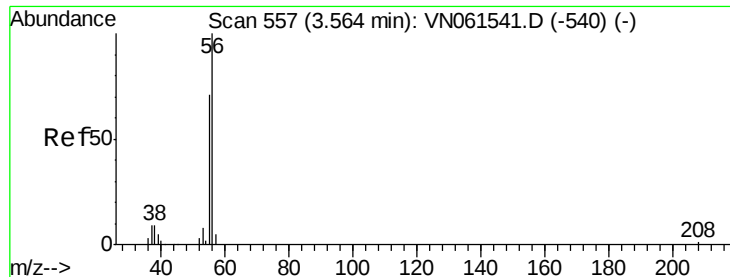
Ion Ratio Lower Upper

96 100

61 148.2 120.5 180.7

98 62.4 50.8 76.2





#13

Acrolein

Concen: 205.980 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

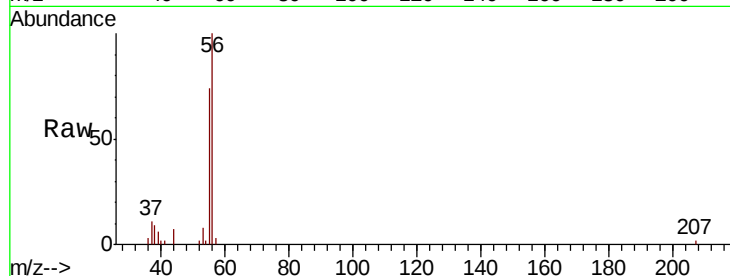
VSTDCCC050EC

Tot Ion: 56 Resp: 31698

Ion Ratio Lower Upper

56 100

55 69.4 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061554.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN061554.D (-540) (-)

3.57

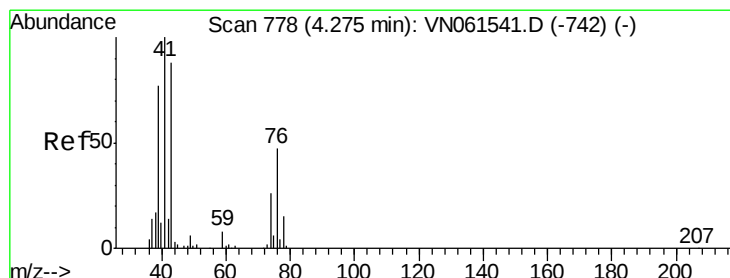
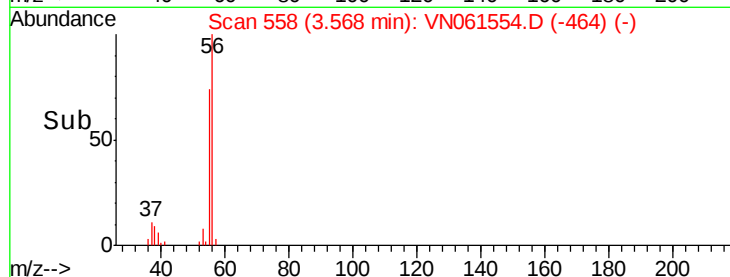
10000

5000

0

Time-->

3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 48.235 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

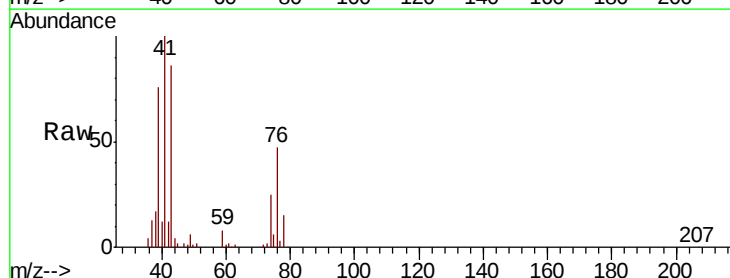
Tgt Ion: 41 Resp: 210484

Ion Ratio Lower Upper

41 100

39 73.4 58.6 88.0

76 42.2 34.2 51.4



Abundance Ion 41.00 (40.70 to 41.70): VN061554.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN061554.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN061554.D (-685) (-)

4.27

80000

60000

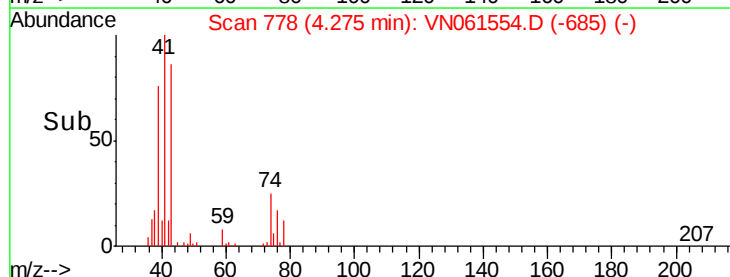
40000

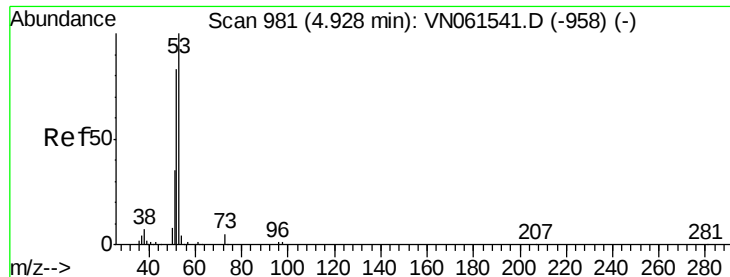
20000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 244.648 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

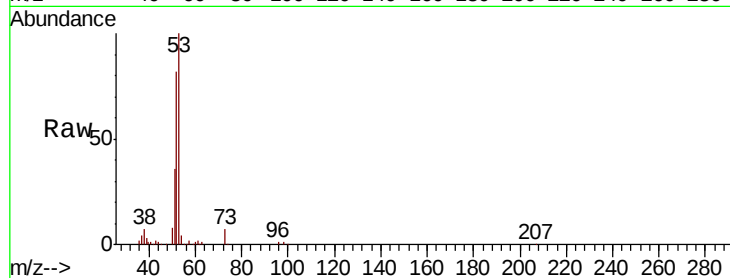
Tot Ion: 53 Resp: 353495

Ion Ratio Lower Upper

53 100

52 81.9 65.4 98.2

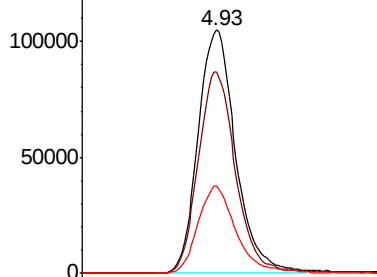
51 36.4 29.0 43.6



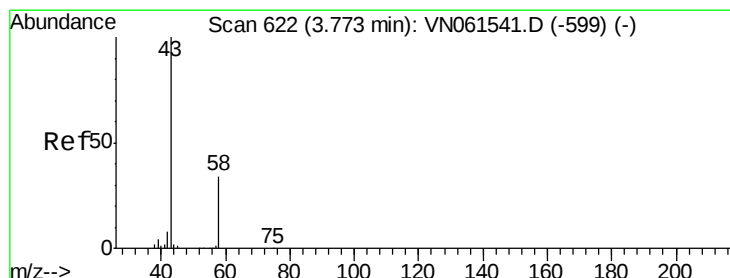
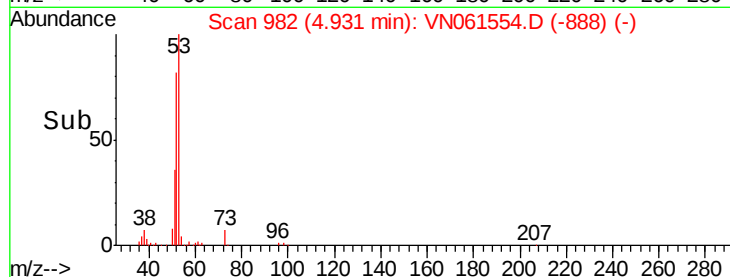
Abundance Ion 53.00 (52.70 to 53.70): VN061554.D (-958) (-)

Ion 52.00 (51.70 to 52.70): VN061554.D (-958) (-)

Ion 51.00 (50.70 to 51.70): VN061554.D (-958) (-)



Time-->



#16

Acetone

Concen: 249.871 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061554.D

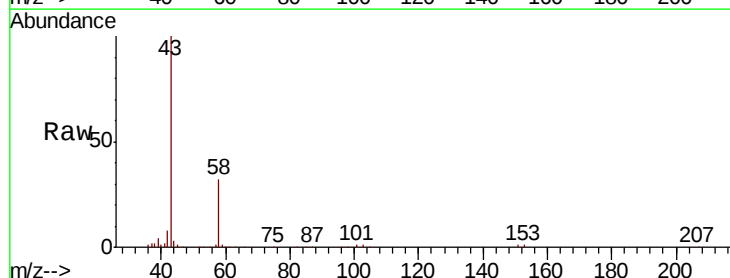
Acq: 29 May 2020 1:10

Tgt Ion: 43 Resp: 268015

Ion Ratio Lower Upper

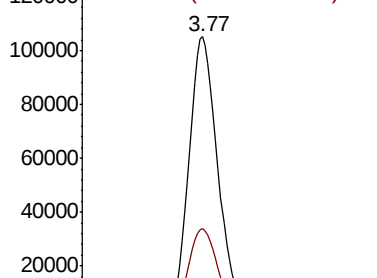
43 100

58 32.3 27.2 40.8

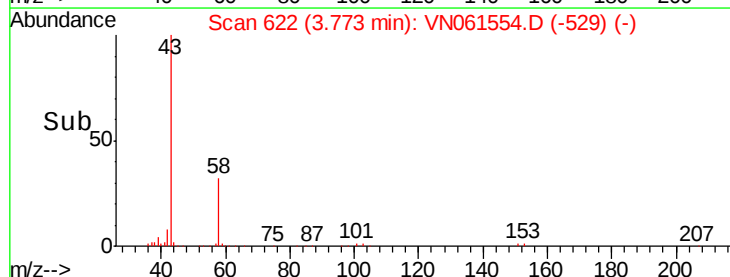


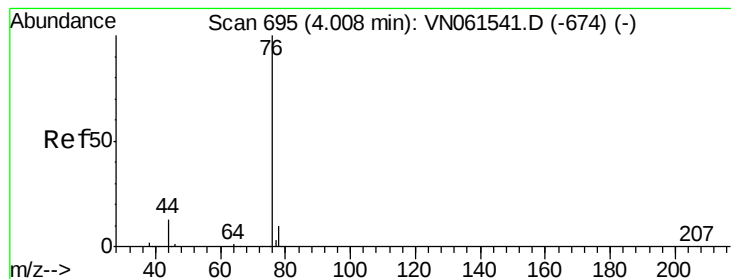
Abundance Ion 43.00 (42.70 to 43.70): VN061554.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN061554.D (-599) (-)



Time-->





#17

Carbon Disulfide

Concen: 48.297 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

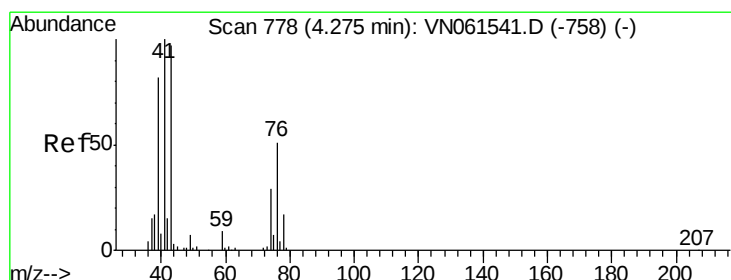
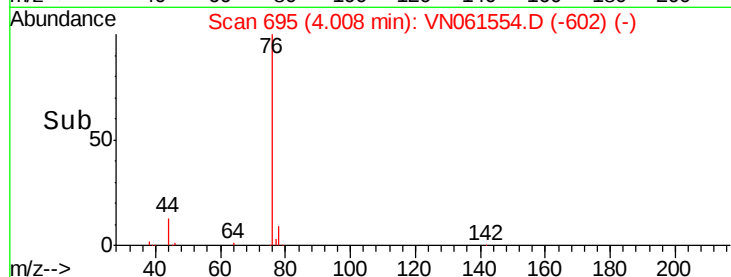
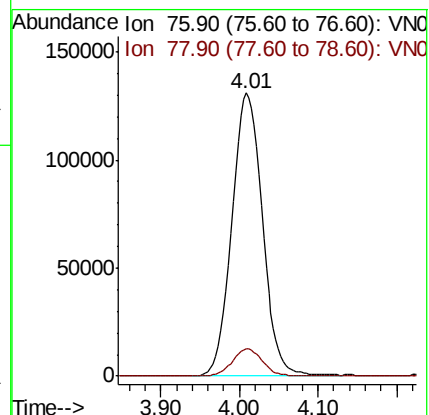
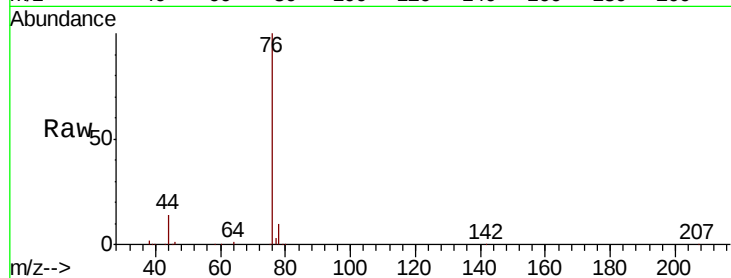
VSTDCCC050EC

Tot Ion: 76 Resp: 354675

Ion Ratio Lower Upper

76 100

78 9.7 7.8 11.6



#18

Methyl Acetate

Concen: 47.512 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061554.D

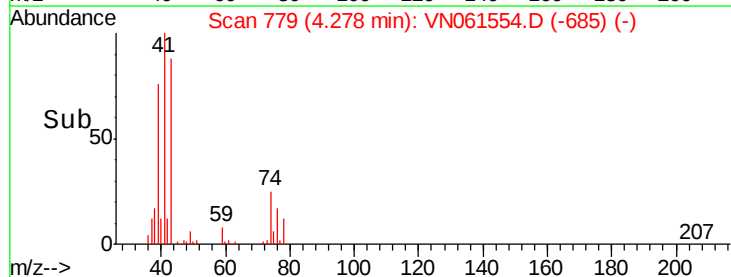
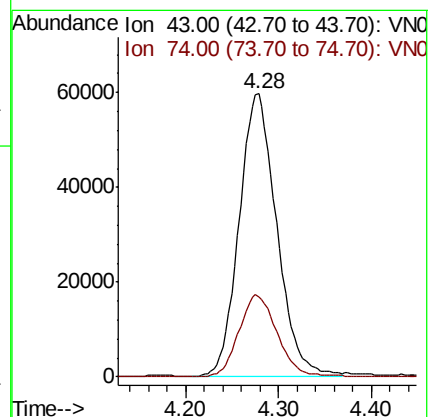
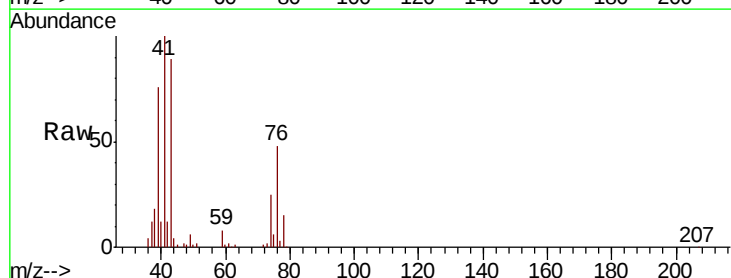
Acq: 29 May 2020 1:10

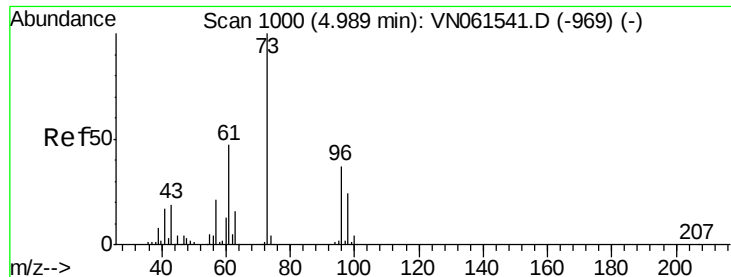
Tgt Ion: 43 Resp: 167393

Ion Ratio Lower Upper

43 100

74 29.6 23.2 34.8

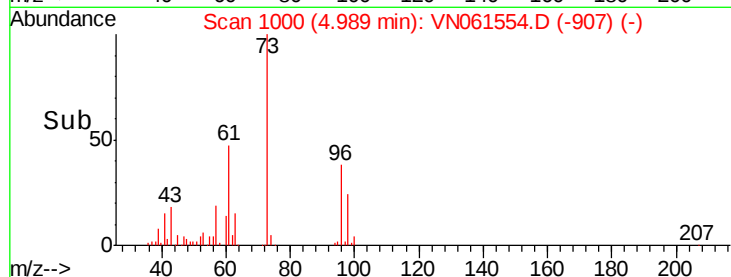
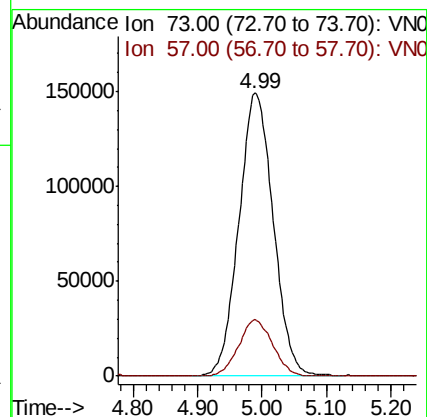
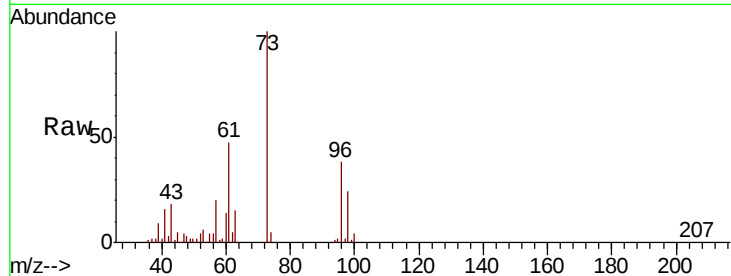




#19
Methvl tert-butvl Ether
Concen: 48.771 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

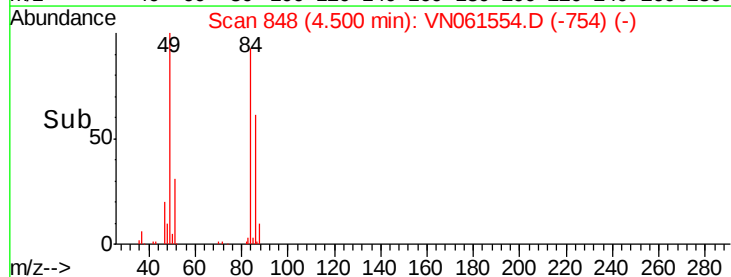
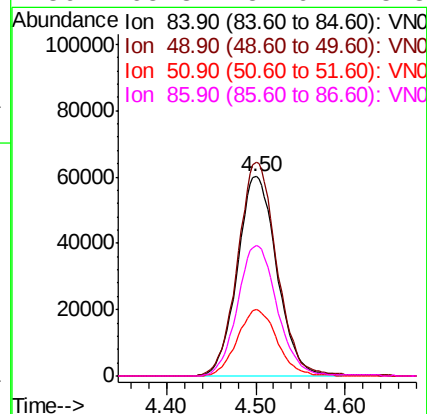
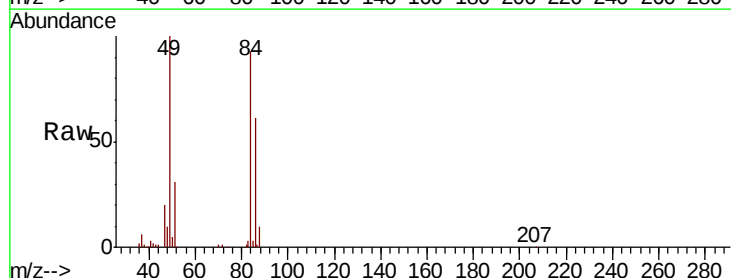
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

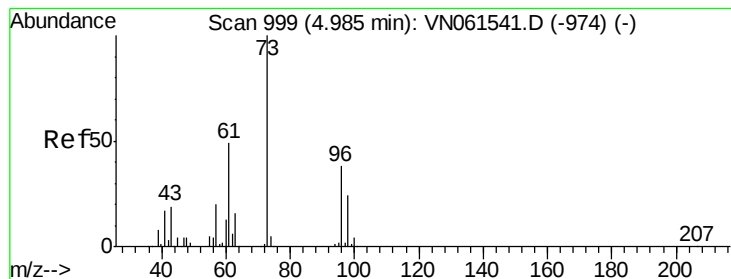
Tot Ion: 73 Resp: 554804
Ion Ratio Lower Upper
73 100
57 19.9 16.4 24.6



#20
Methylene Chloride
Concen: 52.415 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion: 84 Resp: 185115
Ion Ratio Lower Upper
84 100
49 107.1 85.8 128.8
51 33.6 26.2 39.2
86 65.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 48.578 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

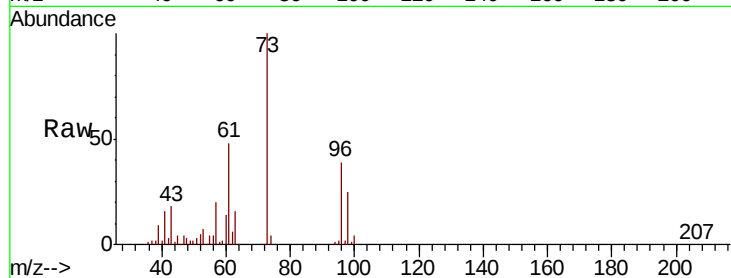
Tot Ion: 96 Resp: 182859

Ion Ratio Lower Upper

96 100

61 123.4 101.4 152.0

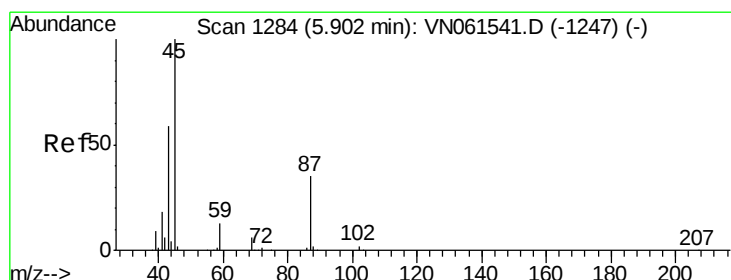
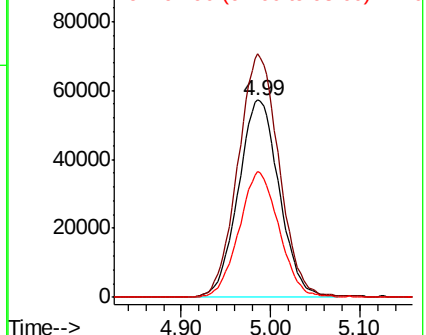
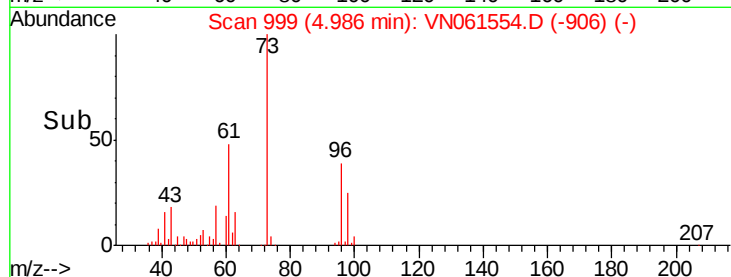
98 63.9 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061554.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN061554.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN061554.D (-906) (-)



#22

Diisopropyl ether

Concen: 50.035 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Tgt Ion: 45 Resp: 481221

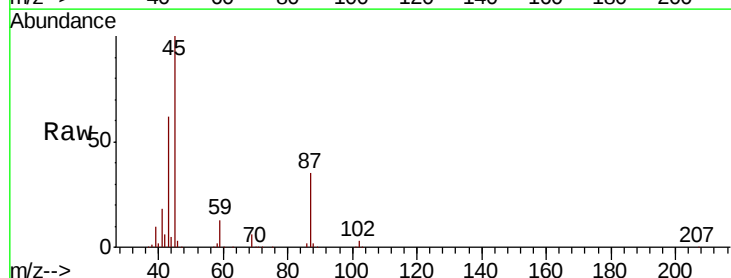
Ion Ratio Lower Upper

45 100

43 61.0 47.9 71.9

87 35.4 28.4 42.6

59 12.8 10.5 15.7

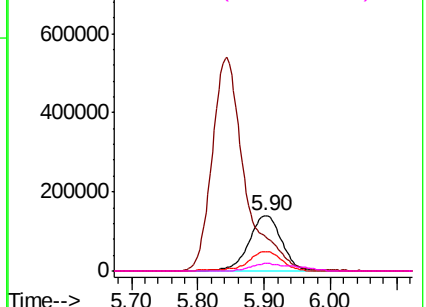
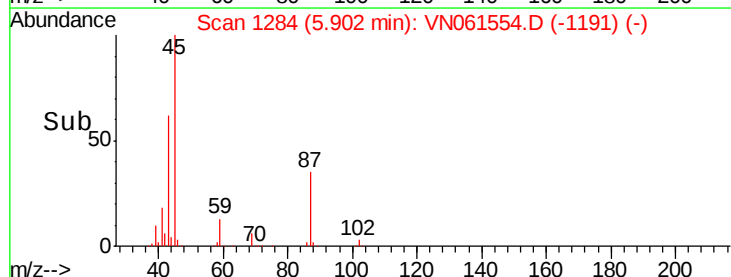


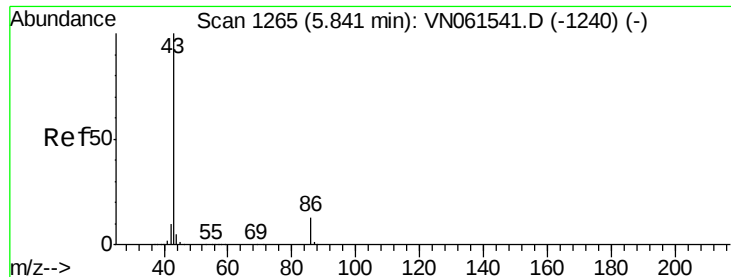
Abundance Ion 45.00 (44.70 to 45.70): VN061554.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061554.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061554.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061554.D (-1191) (-)





#23

Vinyl Acetate

Concen: 241.912 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

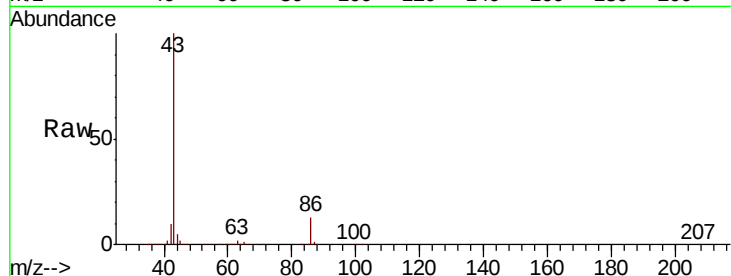
VSTDCCC050EC

Tot Ion: 43 Resp: 1854408

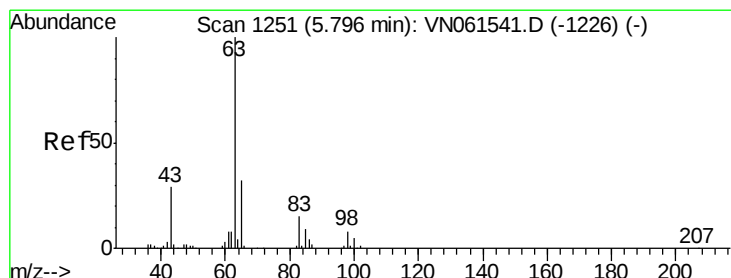
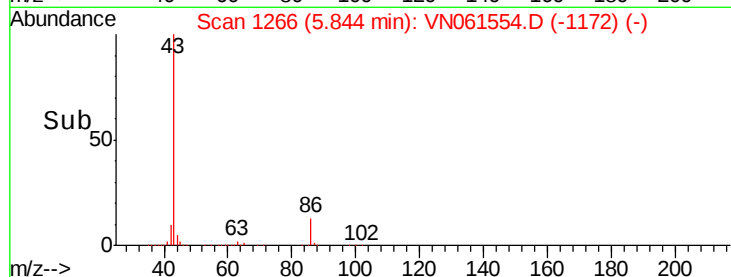
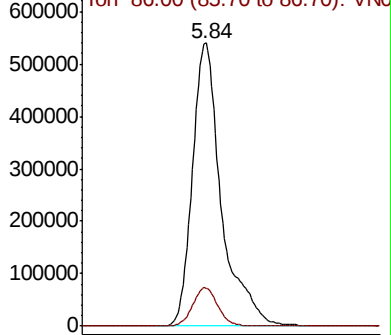
Ion Ratio Lower Upper

43 100

86 13.5 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN061554.D (-1172) (-)



#24

1,1-Dichloroethane

Concen: 49.015 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

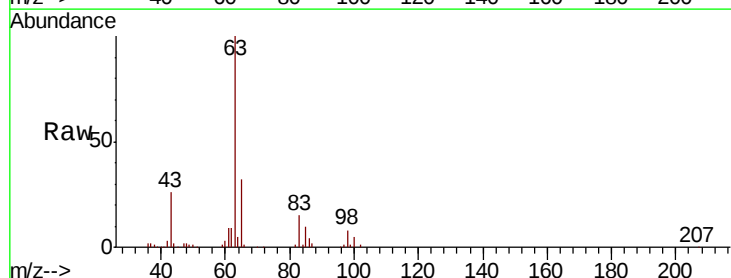
Tgt Ion: 63 Resp: 298934

Ion Ratio Lower Upper

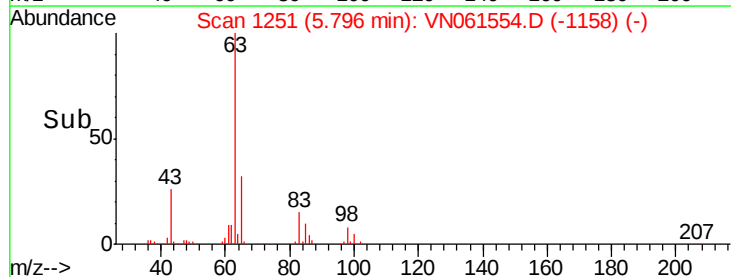
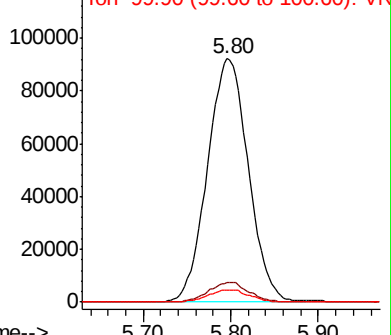
63 100

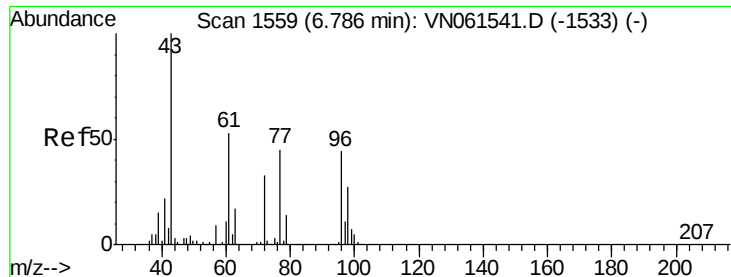
98 7.8 3.8 11.4

100 4.7 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VN061554.D (-1158) (-)

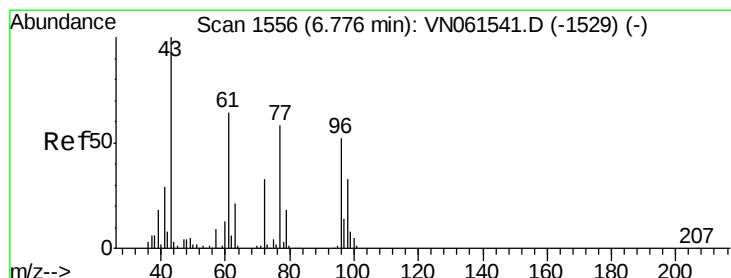
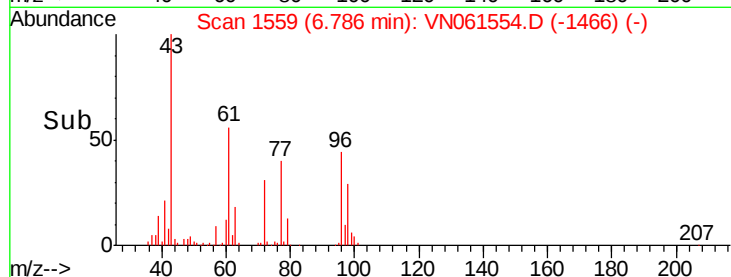
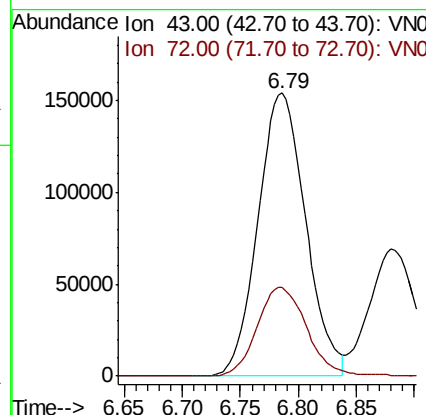
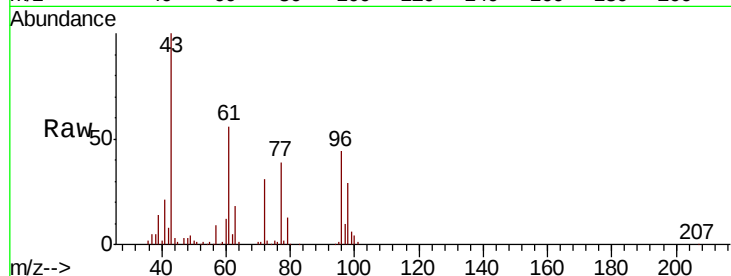




#25
2-Butanone
Concen: 238.304 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

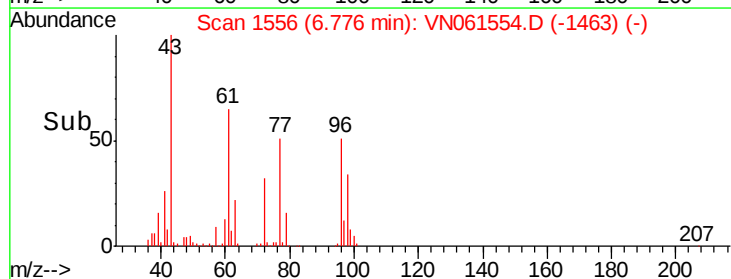
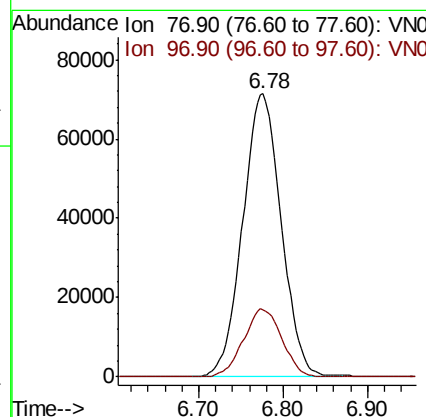
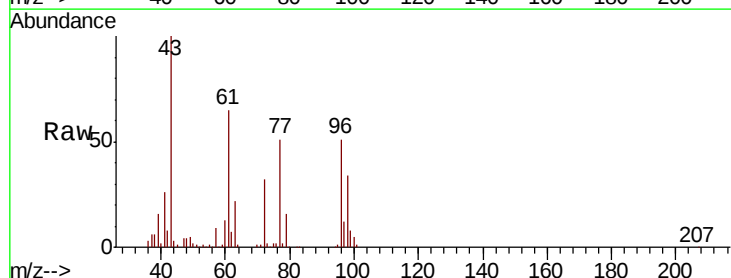
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

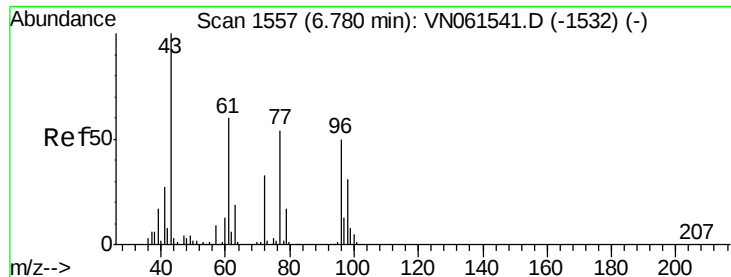
Tot Ion: 43 Resp: 439546
Ion Ratio Lower Upper
43 100
72 31.4 26.0 39.0



#26
2,2-Dichloropropane
Concen: 40.511 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion: 77 Resp: 226136
Ion Ratio Lower Upper
77 100
97 24.0 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 49.632 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

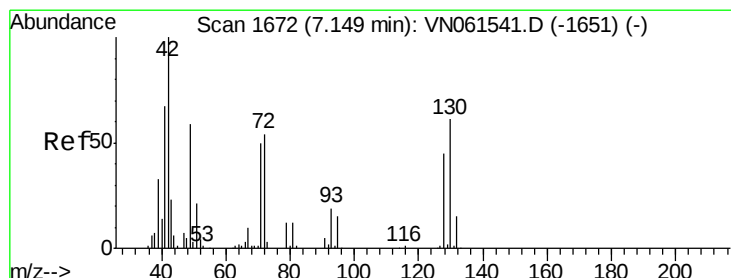
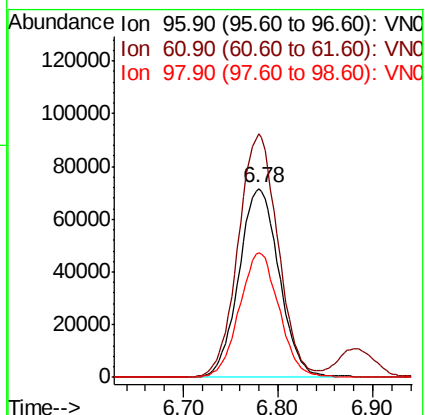
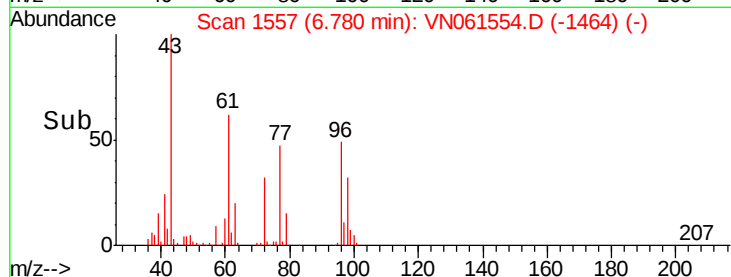
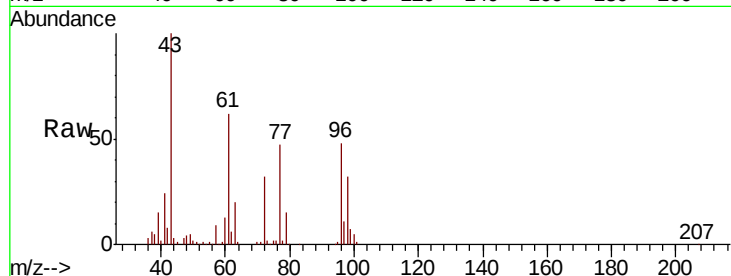
Tot Ion: 96 Resp: 211553

Ion Ratio Lower Upper

96 100

61 127.6 0.0 252.2

98 65.1 0.0 129.2



#28

Bromochloromethane

Concen: 56.902 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

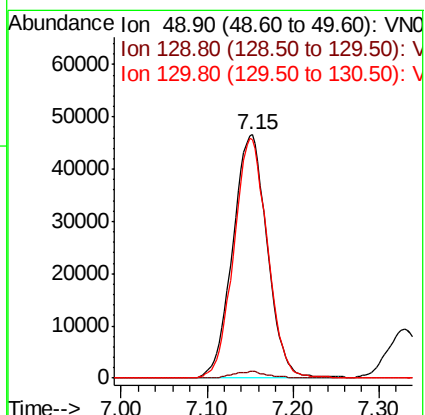
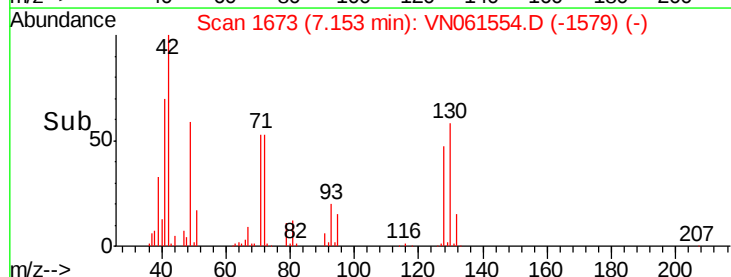
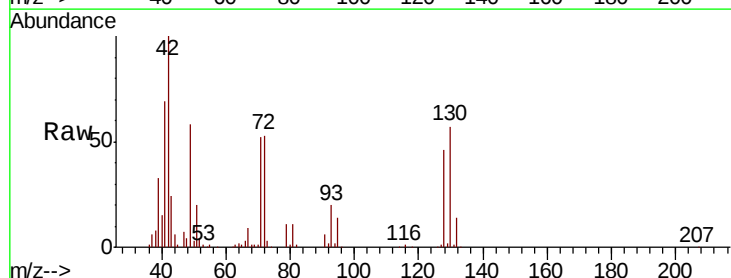
Tgt Ion: 49 Resp: 129839

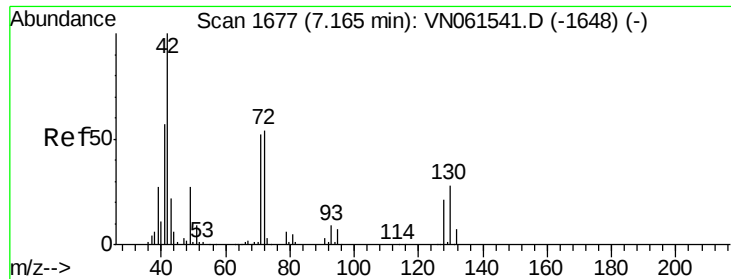
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.8

130 95.7 78.8 118.2

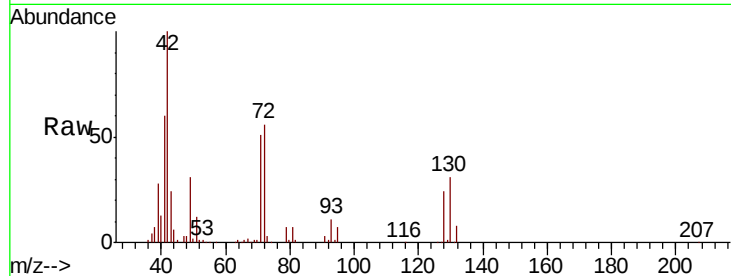




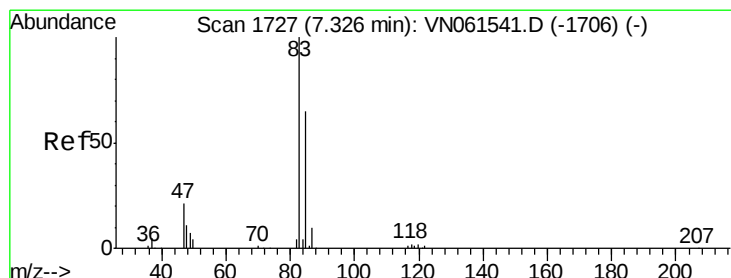
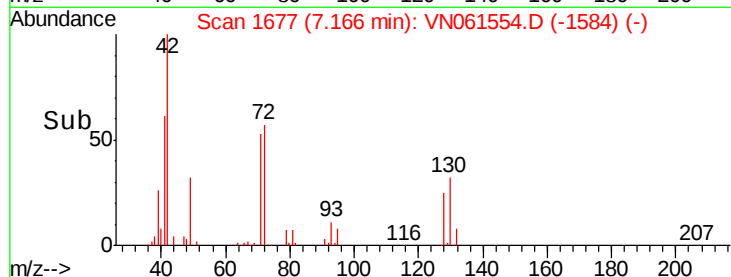
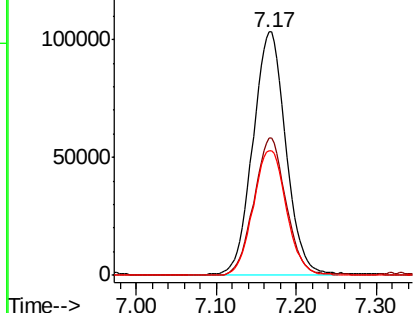
#29
Tetrahydrofuran
Concen: 241.489 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 293718
Ion Ratio Lower Upper
42 100
72 54.8 43.6 65.4
71 51.3 41.2 61.8

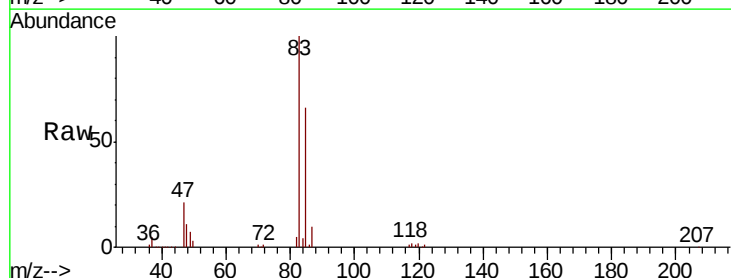


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

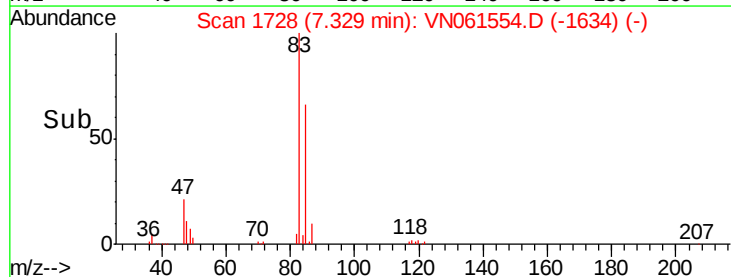
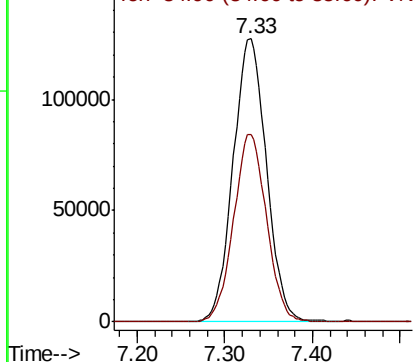


#30
Chloroform
Concen: 49.954 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion: 83 Resp: 337053
Ion Ratio Lower Upper
83 100
85 66.4 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: 49.169 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

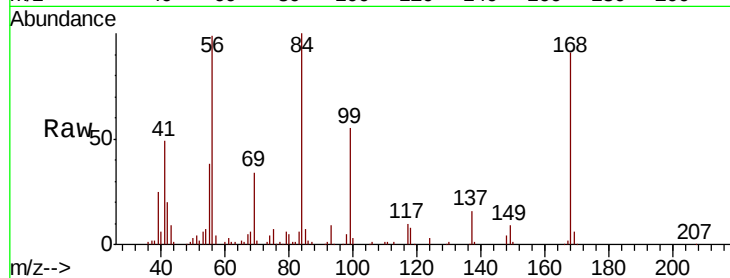
Tot Ion: 56 Resp: 269691

Ion Ratio Lower Upper

56 100

69 34.6 27.8 41.8

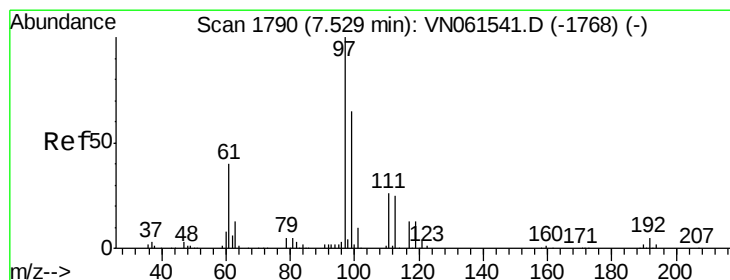
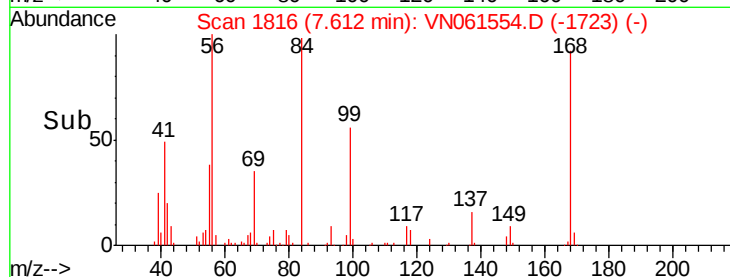
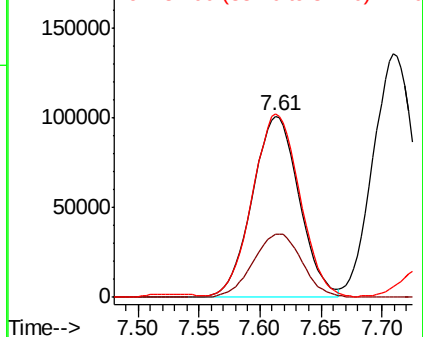
84 99.5 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061554.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN061554.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN061554.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 50.259 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

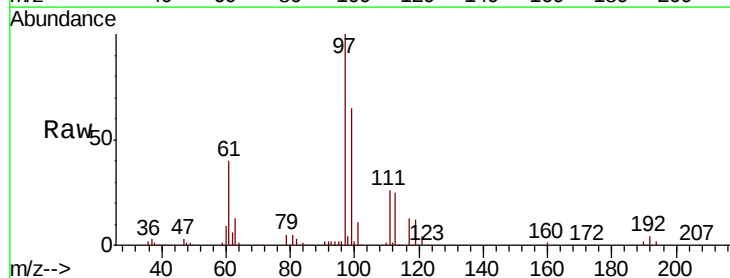
Tgt Ion: 97 Resp: 308995

Ion Ratio Lower Upper

97 100

99 64.0 51.4 77.0

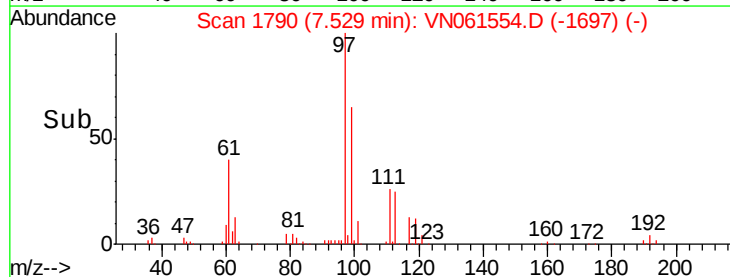
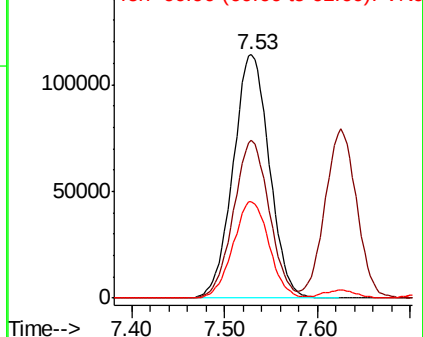
61 39.3 31.4 47.0



Abundance Ion 96.90 (96.60 to 97.60): VN061554.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061554.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061554.D (-1697) (-)





#33

1,2-Dichloroethane-d4

Concen: 55.047 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

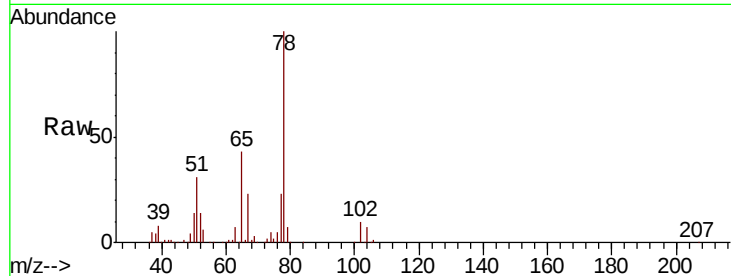
VSTDCCC050EC

Tot Ion: 65 Resp: 214236

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN061554.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN061554.D (-1914) (-)

7.99

100000

80000

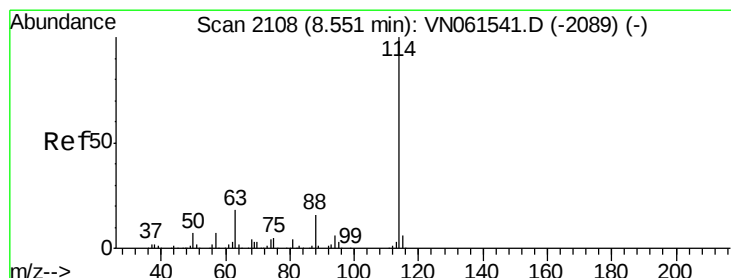
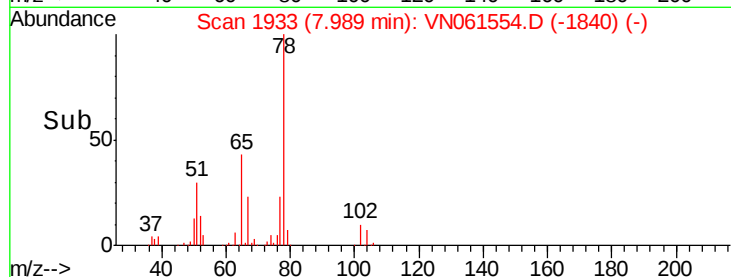
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

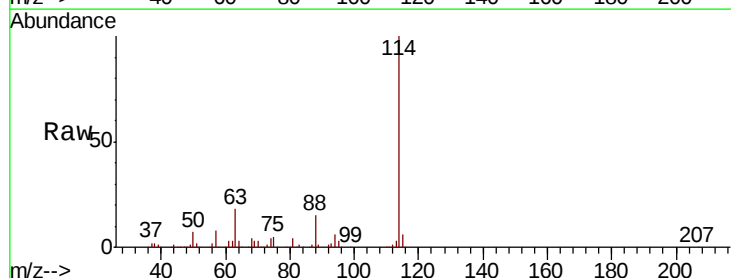
Tgt Ion: 114 Resp: 566921

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.8

88 15.4 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN061554.D (-2089) (-)

Ion 63.00 (62.70 to 63.70): VN061554.D (-2089) (-)

Ion 87.90 (87.60 to 88.60): VN061554.D (-2089) (-)

8.55

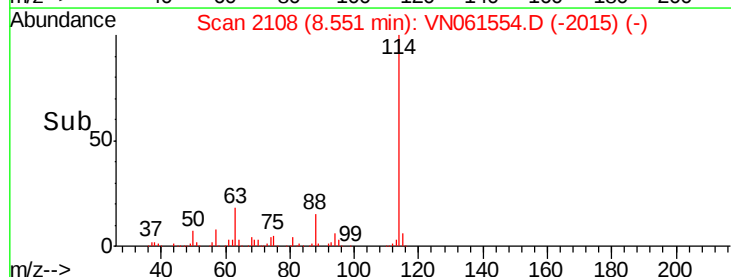
300000

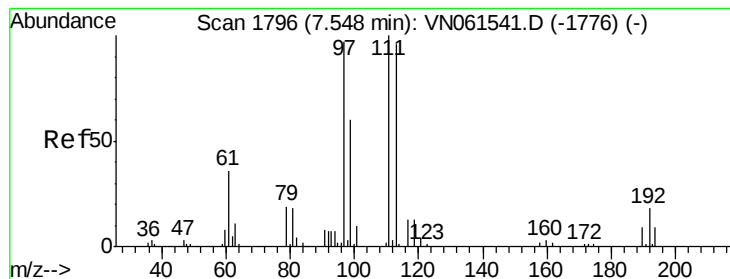
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 52.255 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

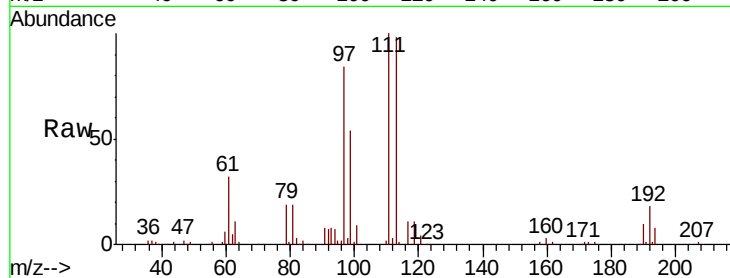
Tot Ion:113 Resp: 150279

Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.0

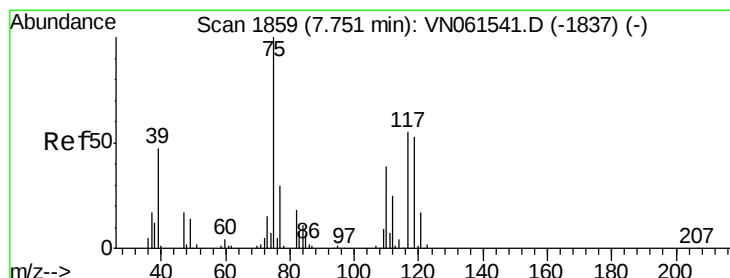
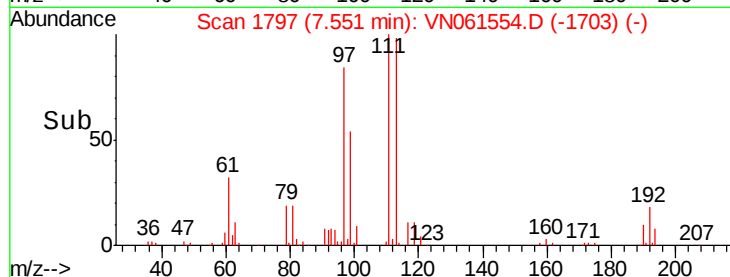
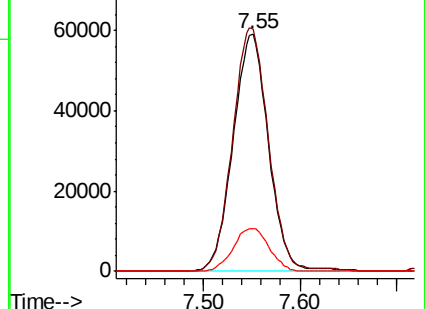
192 18.4 15.4 23.2



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: 49.579 ug/l

RT: 7.75 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

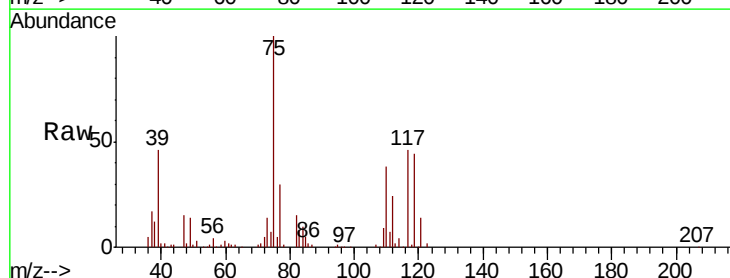
Tgt Ion: 75 Resp: 248826

Ion Ratio Lower Upper

75 100

110 37.6 19.5 58.5

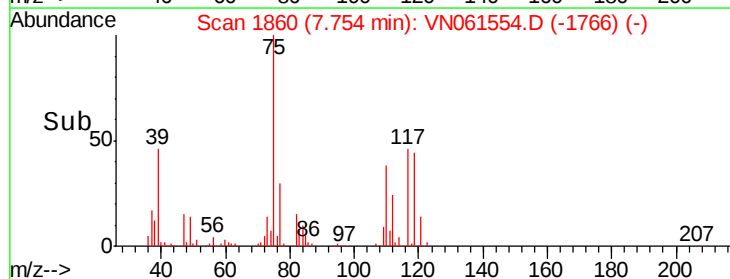
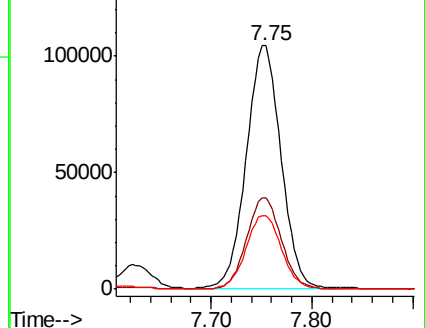
77 31.3 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

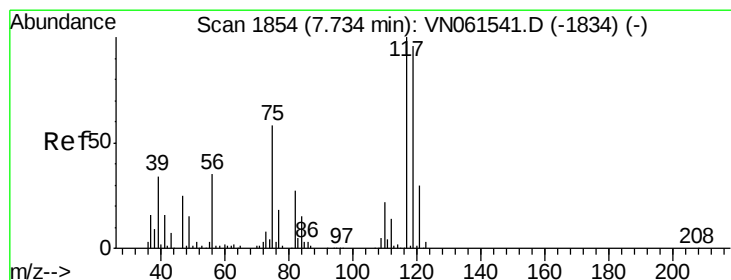
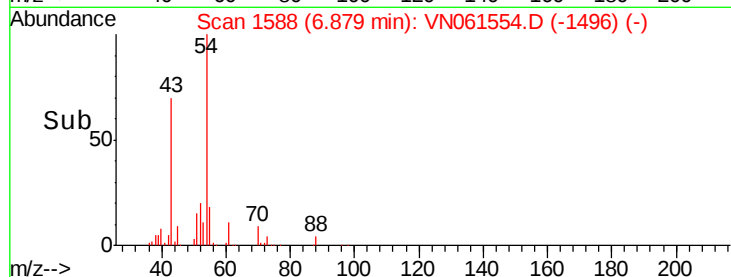
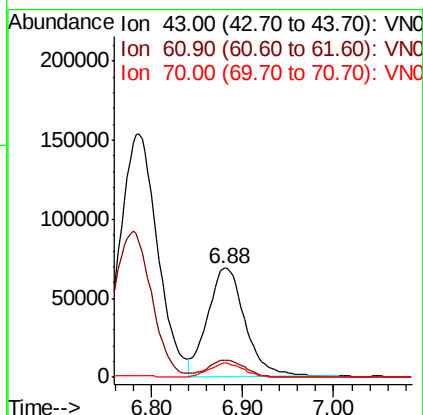
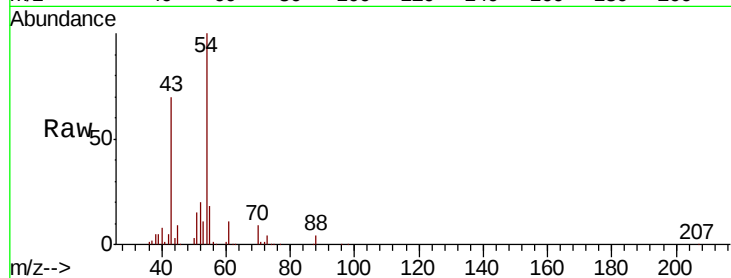




#37
Ethyl Acetate
Concen: 48.795 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

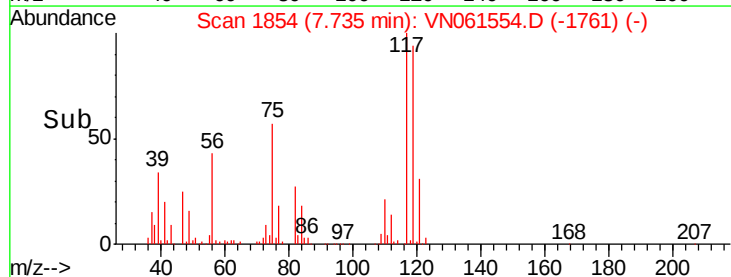
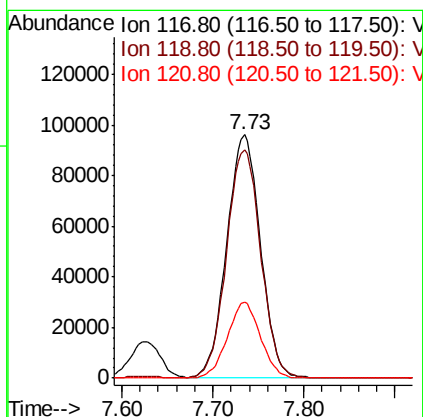
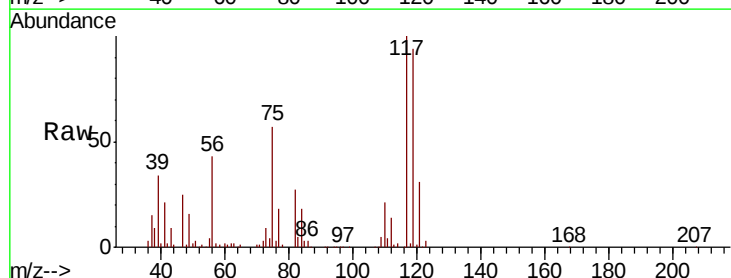
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

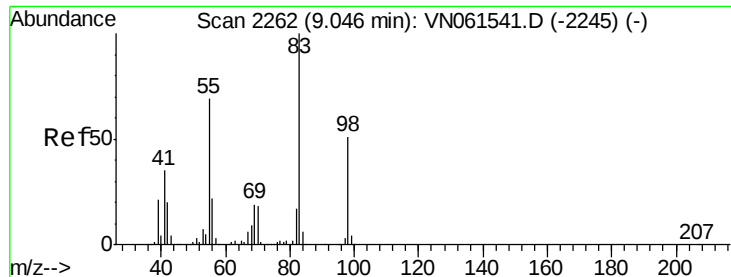
Tot Ion: 43 Resp: 197240
Ion Ratio Lower Upper
43 100
61 14.7 12.2 18.4
70 12.3 9.4 14.2



#38
Carbon Tetrachloride
Concen: 50.866 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion: 117 Resp: 246240
Ion Ratio Lower Upper
117 100
119 93.6 76.5 114.7
121 31.4 24.1 36.1

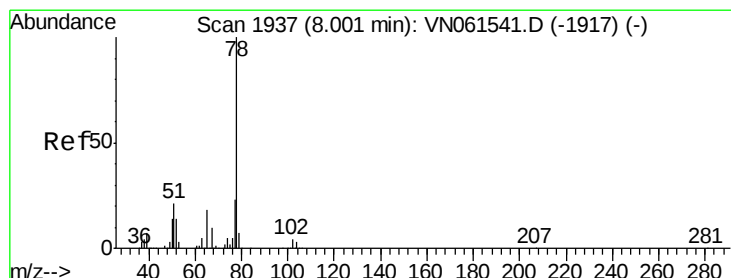
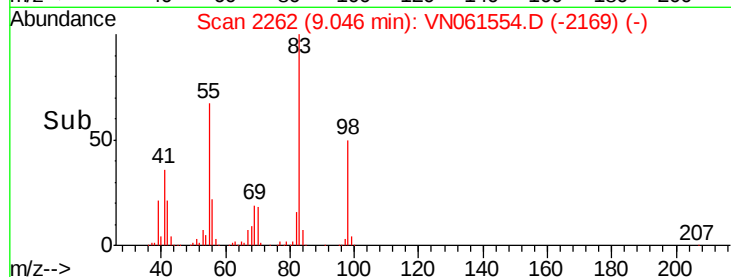
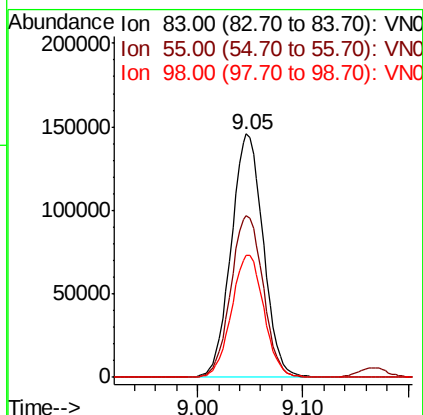
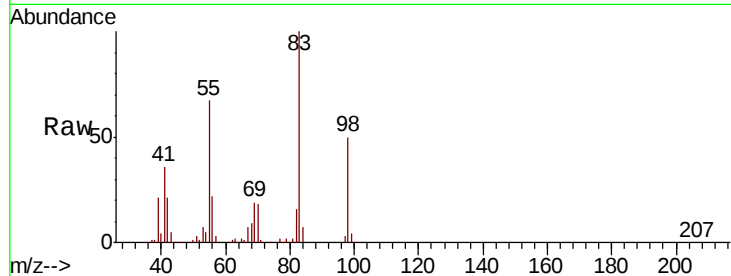




#39
Methvlcvclohexane
Concen: 49.639 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

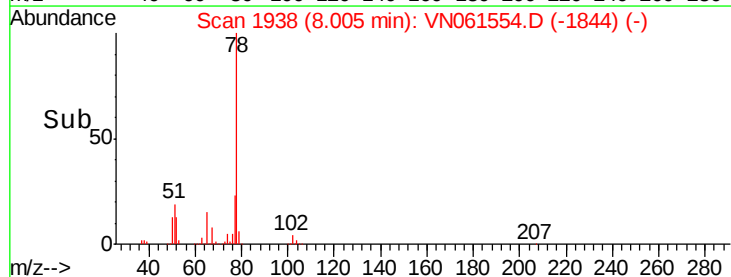
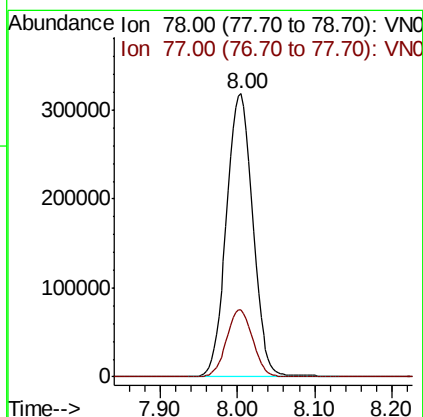
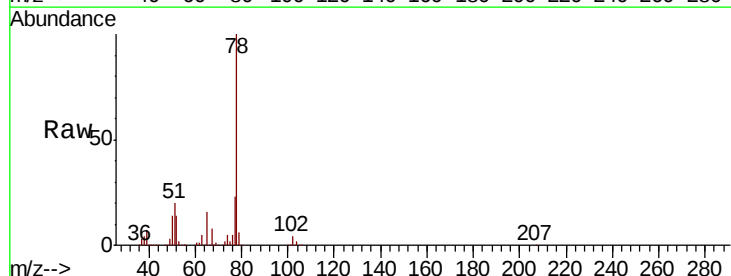
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

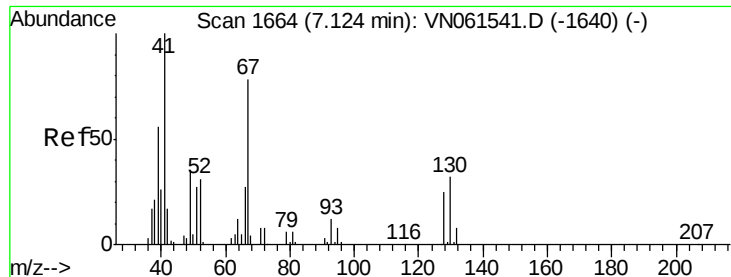
Tot Ion: 83 Resp: 307062
Ion Ratio Lower Upper
83 100
55 66.6 54.9 82.3
98 50.3 41.0 61.4



#40
Benzene
Concen: 48.670 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion: 78 Resp: 753655
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0

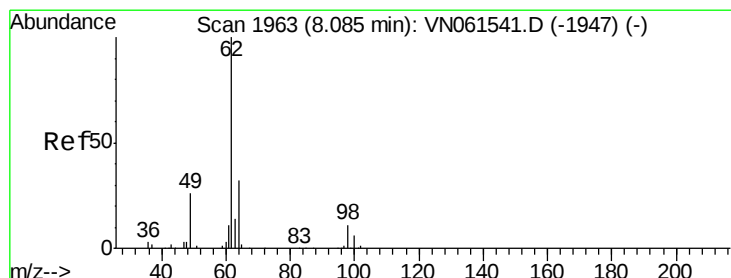
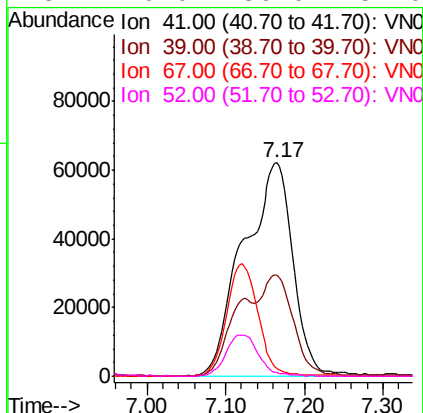
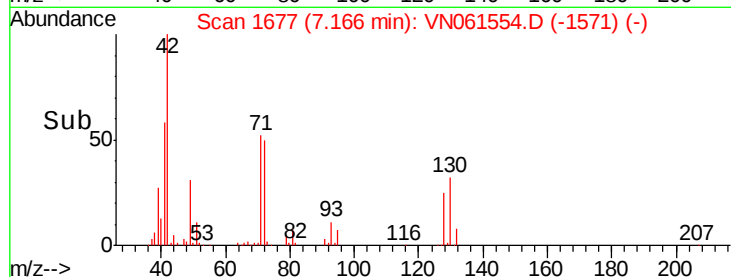
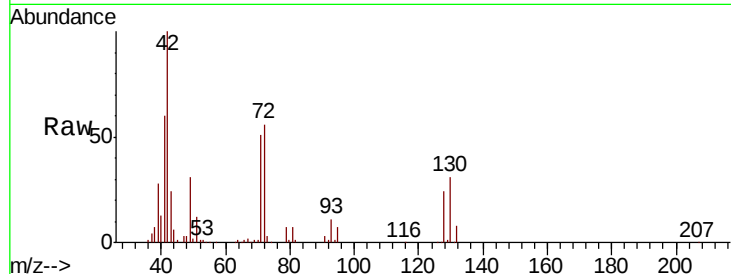




#41
Methacrylonitrile
Concen: 147.450 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

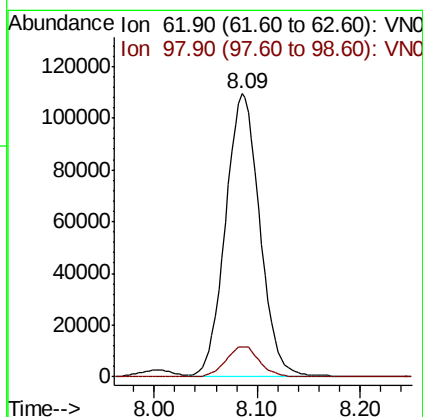
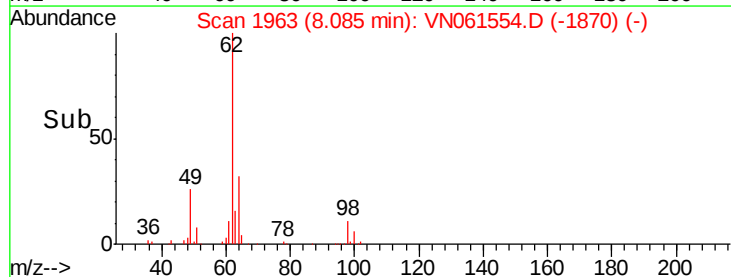
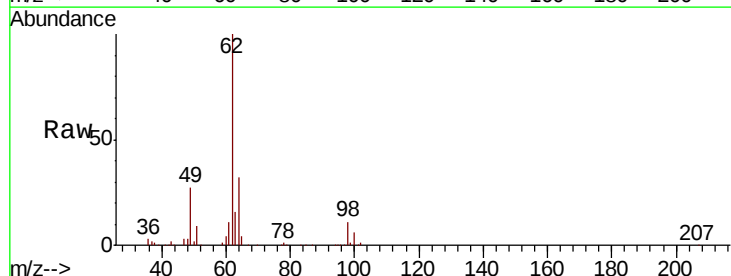
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

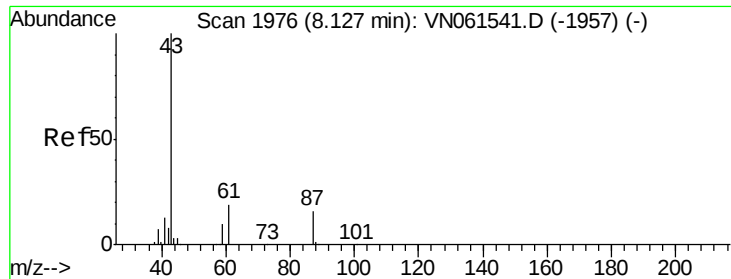
Tot Ion: 41 Resp: 273078
Ion Ratio Lower Upper
41 100
39 0.0 53.8 80.6#
67 0.0 91.1 136.7#
52 0.0 36.0 54.0#



#42
1,2-Dichloroethane
Concen: 48.716 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion: 62 Resp: 252553
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.4

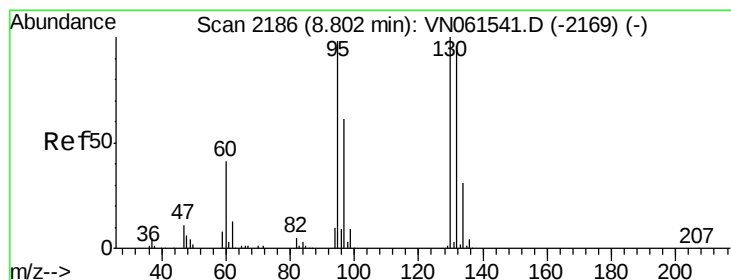
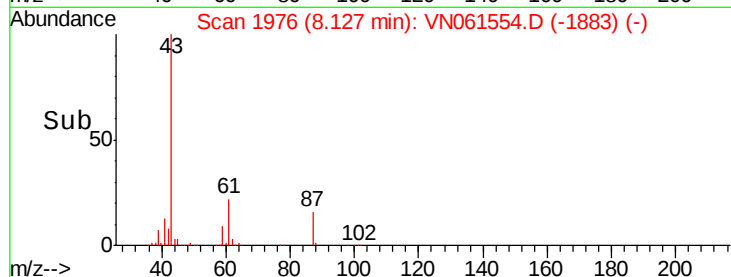
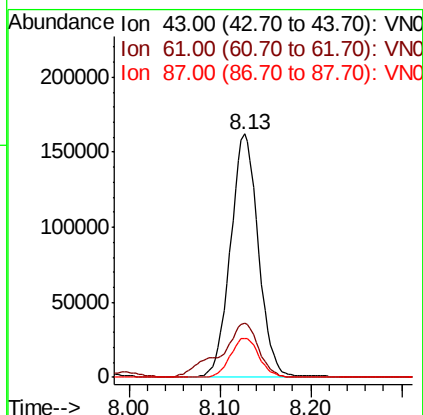
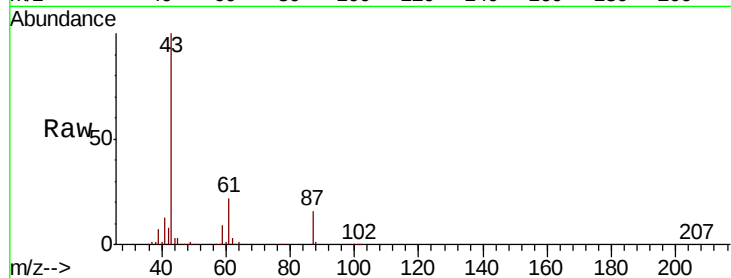




#43
Isopropyl Acetate
Concen: 47.272 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

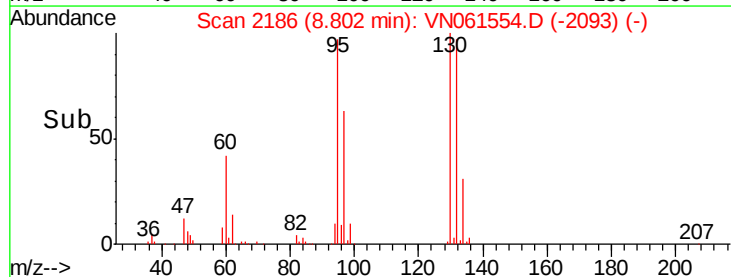
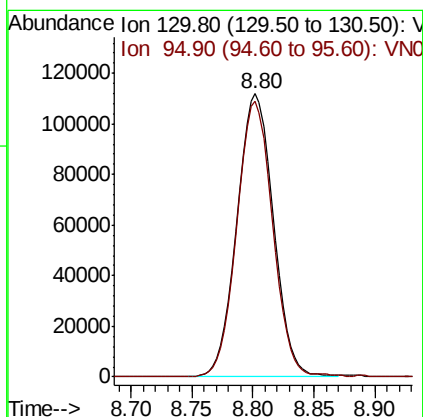
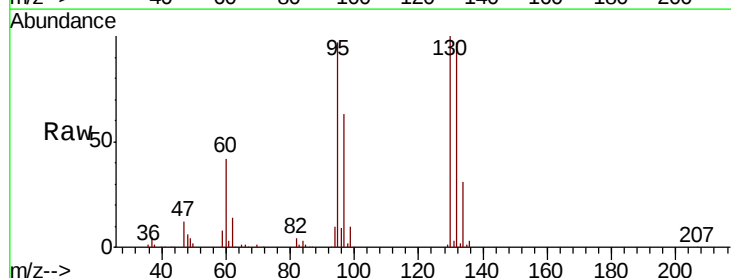
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 343786
Ion Ratio Lower Upper
43 100
61 30.0 23.6 35.4
87 16.7 13.0 19.6



#44
Trichloroethene
Concen: 48.563 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion: 130 Resp: 231109
Ion Ratio Lower Upper
130 100
95 97.3 0.0 196.6





#45

1,2-Dichloropropane

Concen: 48.820 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

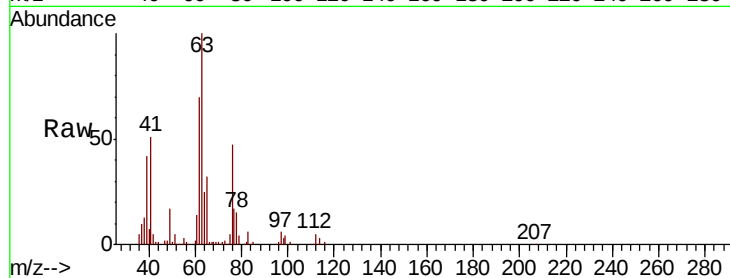
VSTDCCC050EC

Tot Ion: 63 Resp: 179513

Ion Ratio Lower Upper

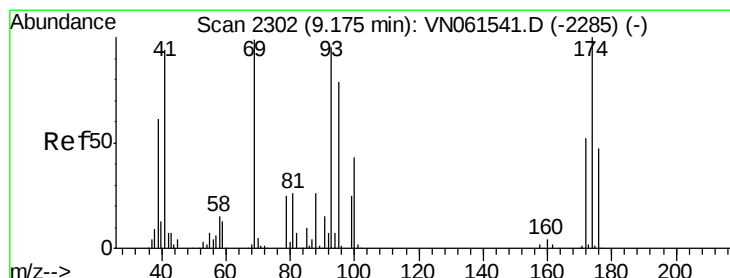
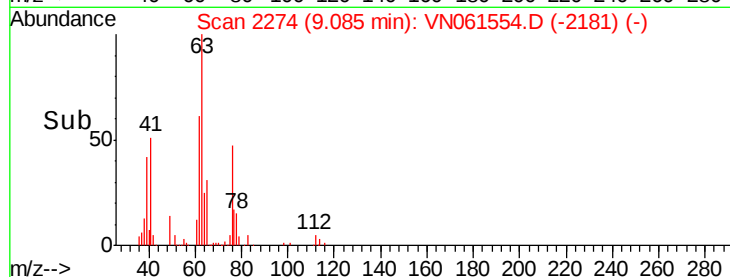
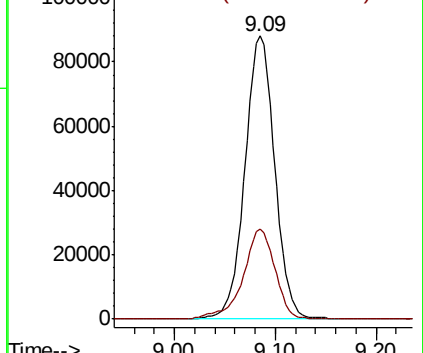
63 100

65 31.8 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN061554.D (-2250) (-)

Ion 64.90 (64.60 to 65.60): VN061554.D (-2250) (-)



#46

Dibromomethane

Concen: 48.059 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

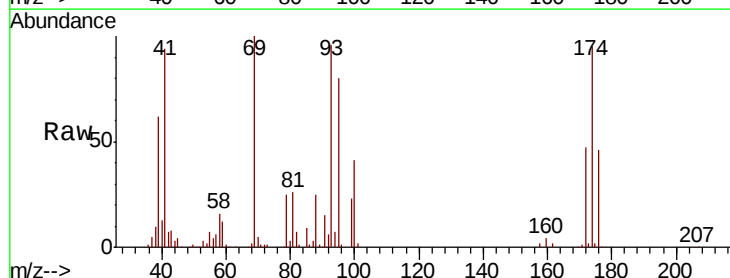
Tgt Ion: 93 Resp: 135530

Ion Ratio Lower Upper

93 100

95 83.3 66.0 99.0

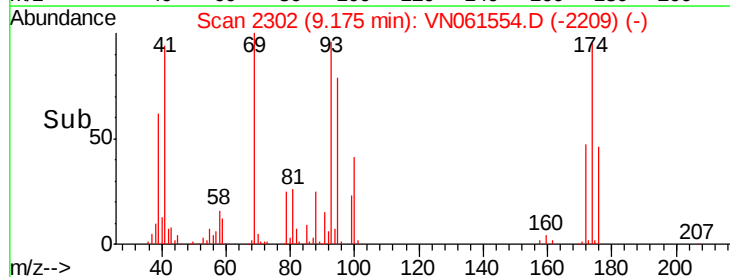
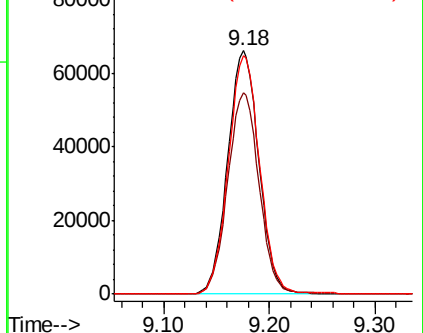
174 97.8 82.5 123.7



Abundance Ion 92.80 (92.50 to 93.50): VN061554.D (-2285) (-)

Ion 94.80 (94.50 to 95.50): VN061554.D (-2285) (-)

Ion 173.70 (173.40 to 174.40): VN061554.D (-2285) (-)





#47

Bromodichloromethane

Concen: 50.287 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

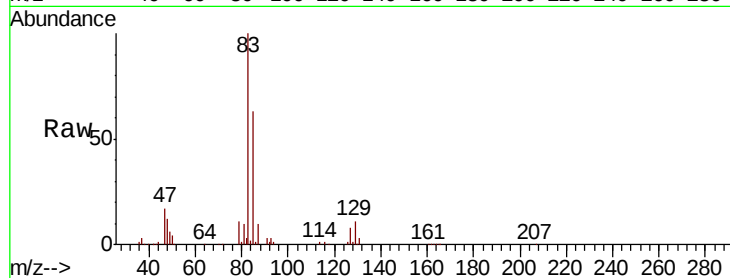
Tot Ion: 83 Resp: 280962

Ion Ratio Lower Upper

83 100

85 63.2 51.1 76.7

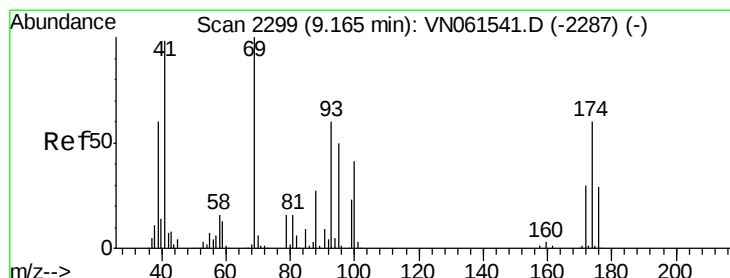
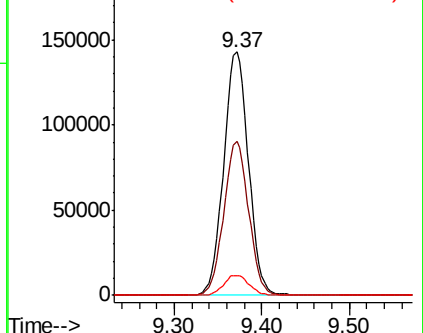
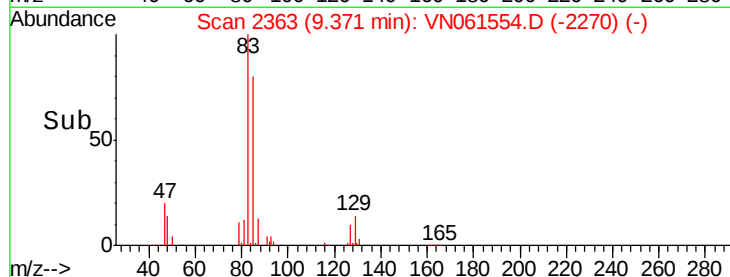
127 8.2 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061554.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061554.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061554.D (-2270) (-)



#48

Methyl methacrylate

Concen: 45.632 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

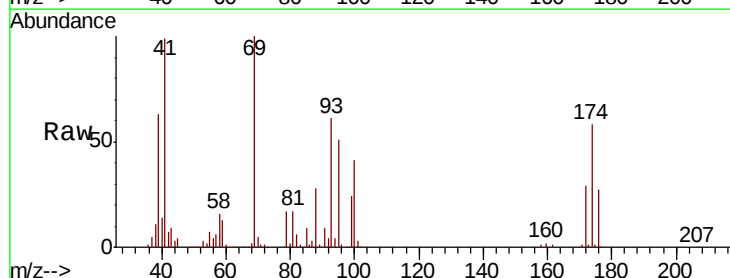
Tgt Ion: 41 Resp: 149306

Ion Ratio Lower Upper

41 100

69 106.2 83.9 125.9

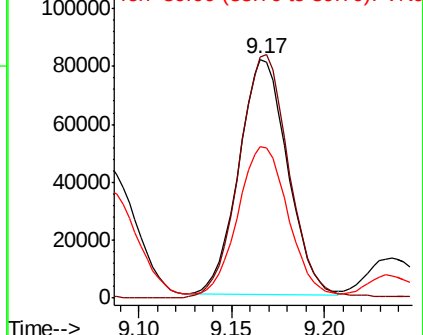
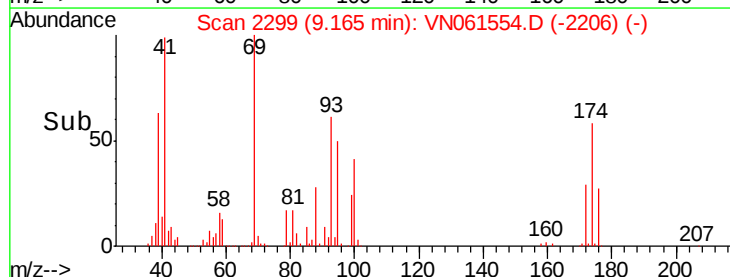
39 66.9 52.1 78.1



Abundance Ion 41.00 (40.70 to 41.70): VN061554.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061554.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061554.D (-2206) (-)

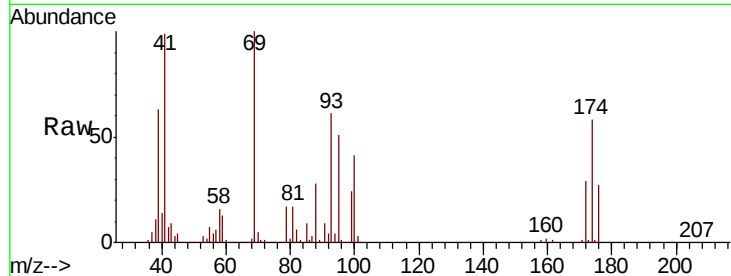




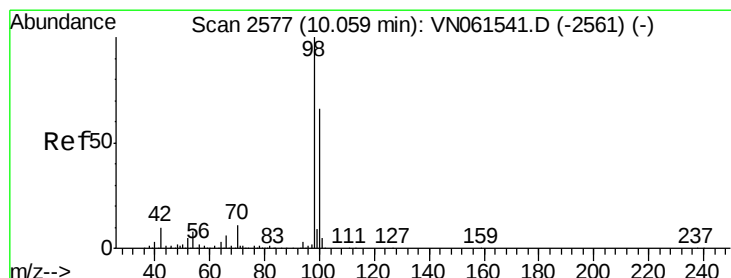
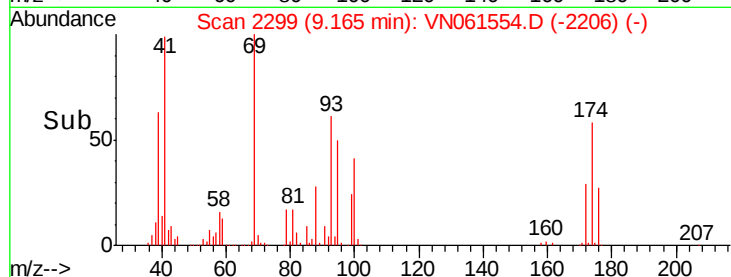
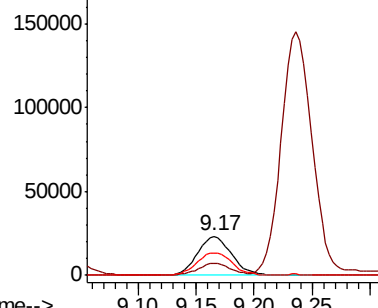
#49
 1,4-Dioxane
 Concen: 935.494 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 47419
 Ion Ratio Lower Upper
 88 100
 43 27.7 23.1 34.7
 58 60.2 48.3 72.5

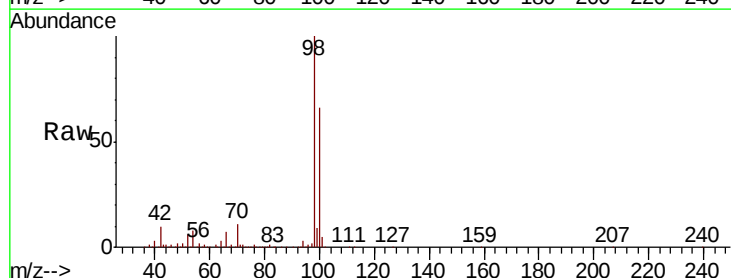


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

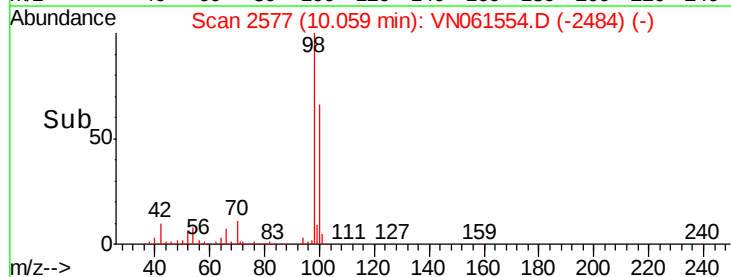
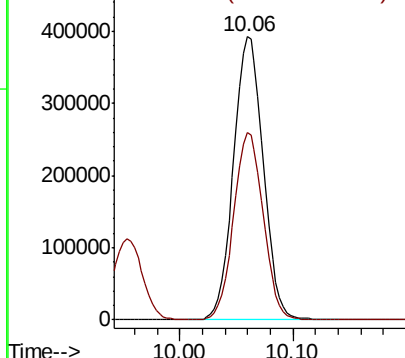


#50
 Toluene-d8
 Concen: 54.003 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Tgt Ion: 98 Resp: 719707
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.8 79.2



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

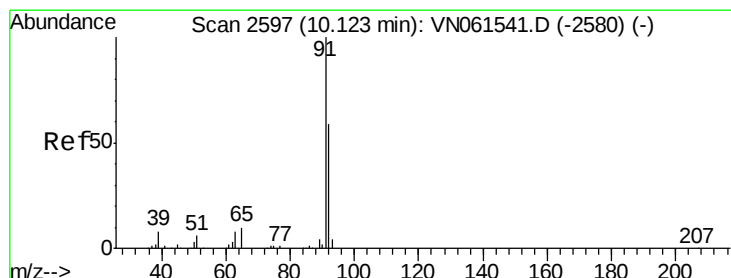
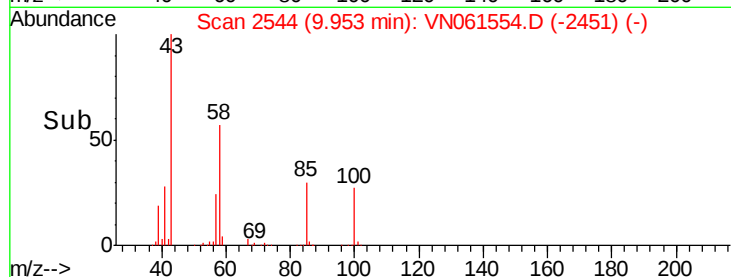
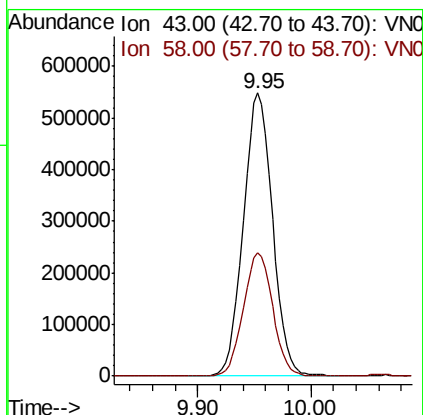
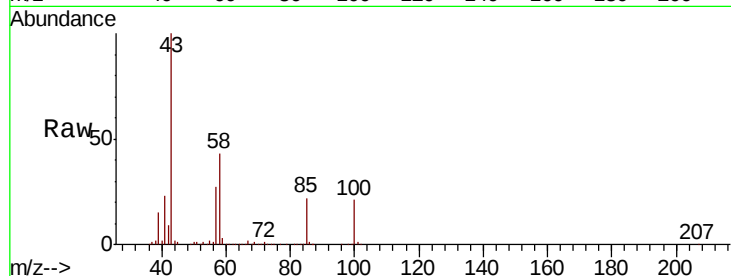




#51
 4-Methyl-2-Pentanone
 Concen: 240.276 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

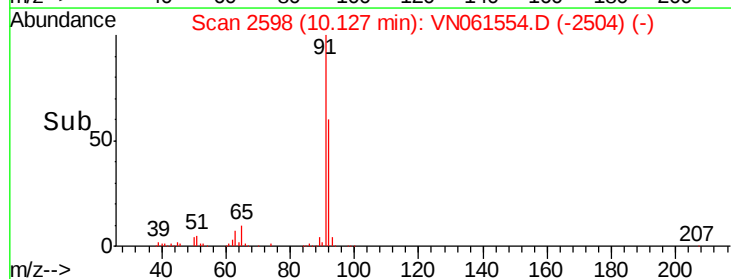
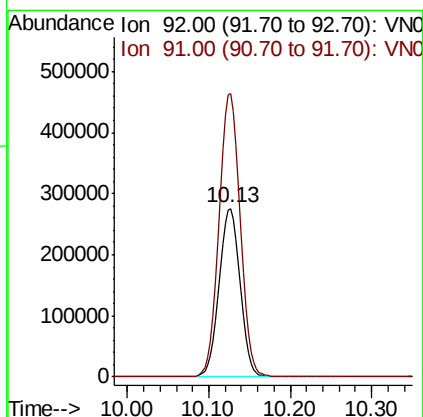
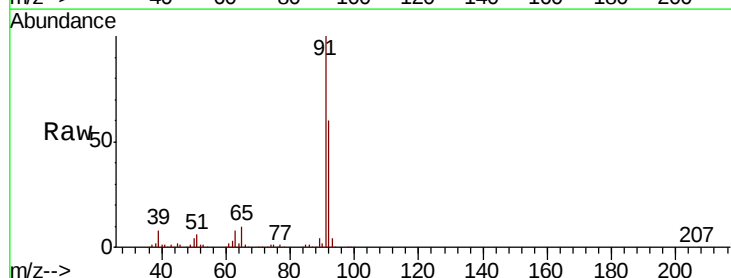
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

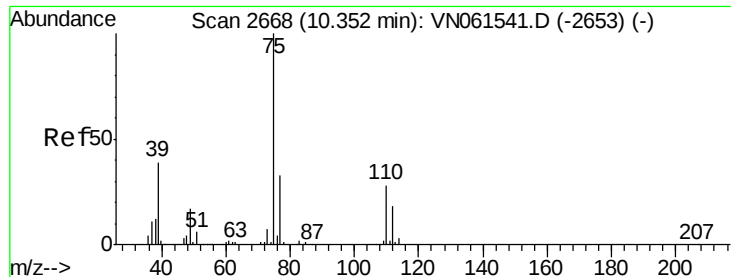
Tot Ion: 43 Resp: 984705
 Ion Ratio Lower Upper
 43 100
 58 43.8 35.0 52.6



#52
 Toluene
 Concen: 50.097 ug/l
 RT: 10.13 min Scan# 2598
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Tgt Ion: 92 Resp: 506328
 Ion Ratio Lower Upper
 92 100
 91 169.6 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 47.848 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

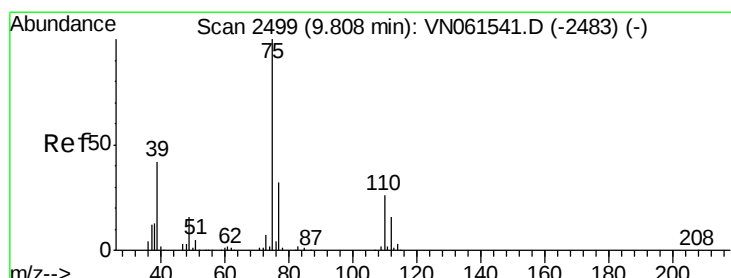
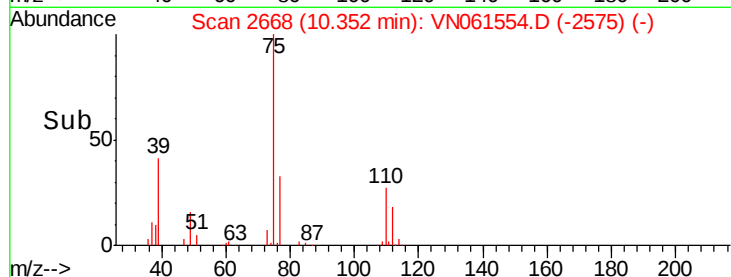
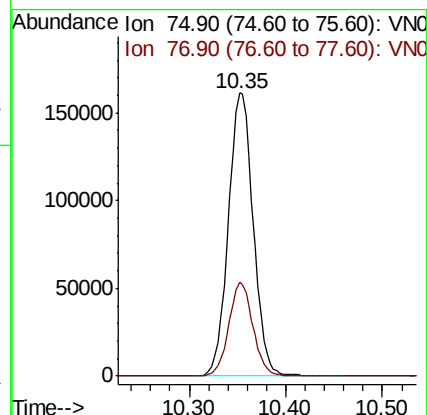
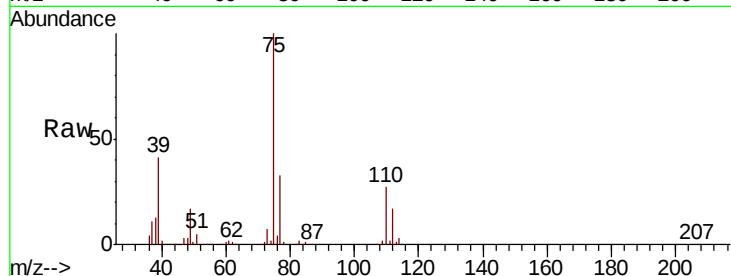
VSTDCCC050EC

Tot Ion: 75 Resp: 287991

Ion Ratio Lower Upper

75 100

77 33.0 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 47.582 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

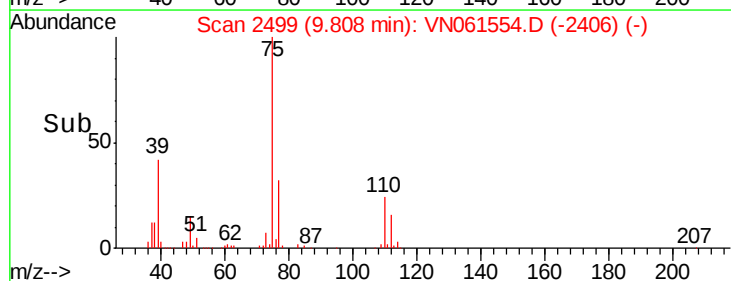
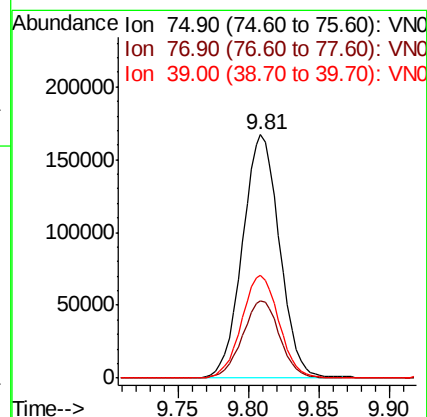
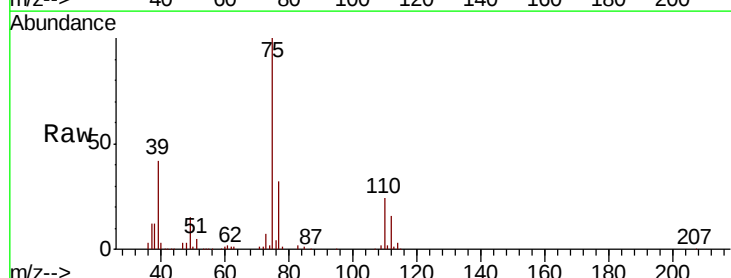
Tgt Ion: 75 Resp: 307933

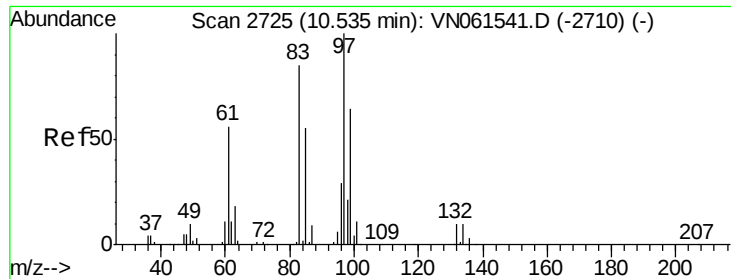
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

39 42.0 33.8 50.6

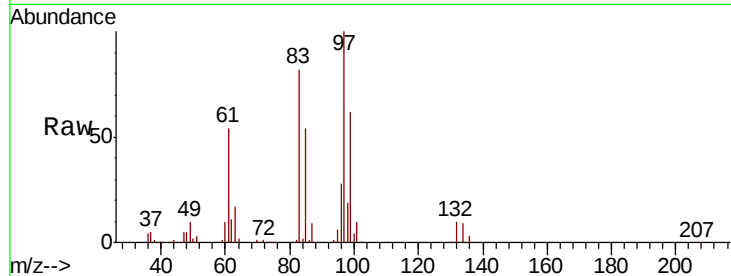




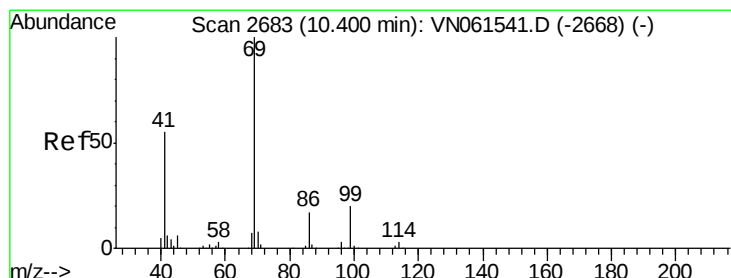
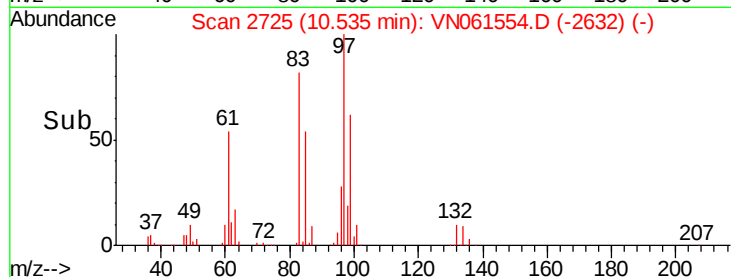
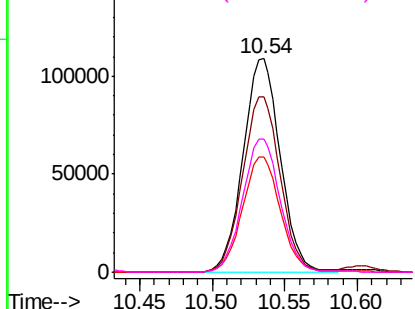
#55
 1,1,2-Trichloroethane
 Concen: 48.373 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	194781
Ion	Ratio	Lower	Upper
97	100		
83	81.9	68.1	102.1
85	54.2	44.1	66.1
99	62.4	51.1	76.7

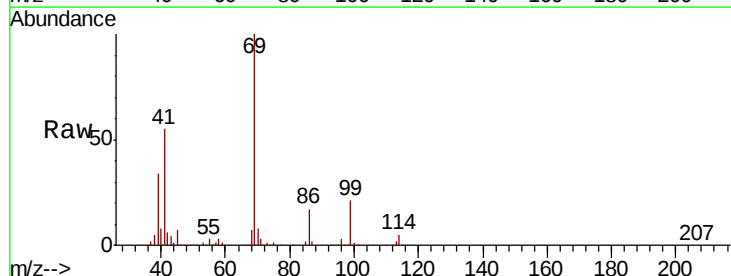


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

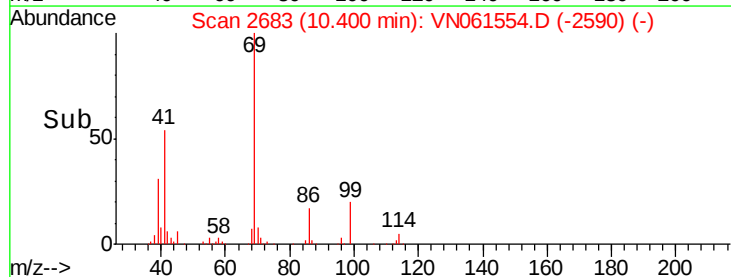
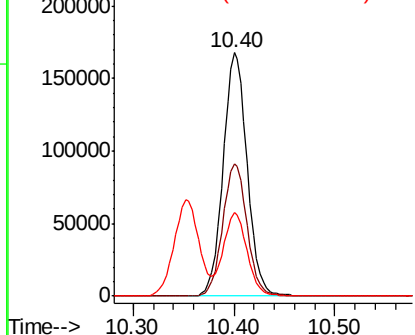


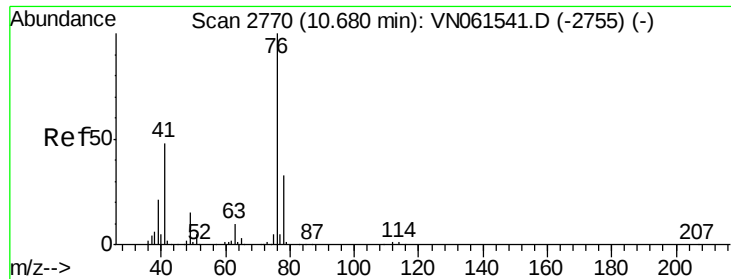
#56
 Ethyl methacrylate
 Concen: 49.655 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Tgt Ion:	69	Resp:	279300
Ion	Ratio	Lower	Upper
69	100		
41	54.6	43.5	65.3
39	34.1	27.0	40.6



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 49.390 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

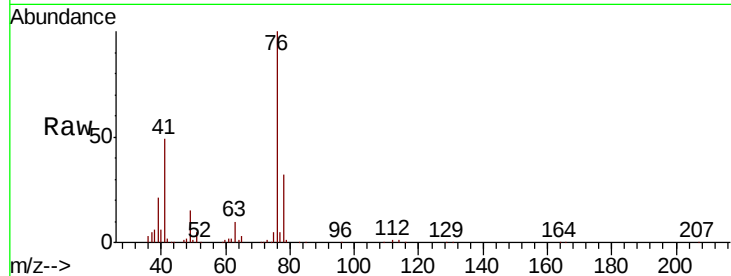
VSTDCCC050EC

Tot Ion: 76 Resp: 318076

Ion Ratio Lower Upper

76 100

78 32.2 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VN061554.D (-2677) (-)

Ion 77.90 (77.60 to 78.60): VN061554.D (-2677) (-)

10.68

150000

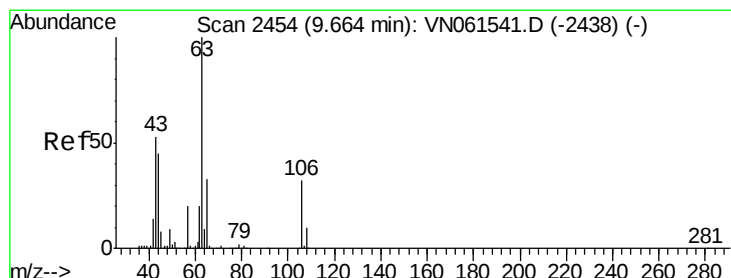
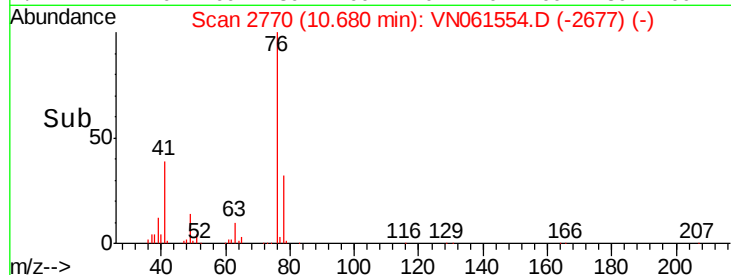
100000

50000

0

Time-->

10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 255.219 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN061554.D

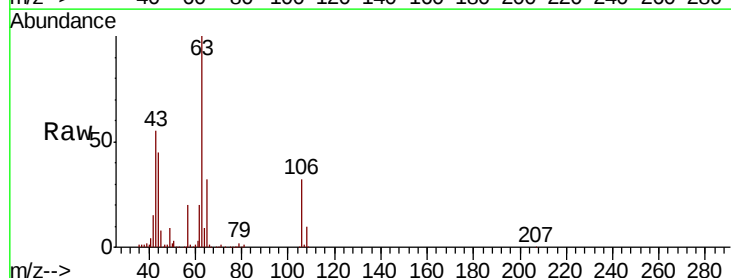
Acq: 29 May 2020 1:10

Tgt Ion: 63 Resp: 613483

Ion Ratio Lower Upper

63 100

106 31.7 25.9 38.9



Abundance Ion 62.90 (62.60 to 63.60): VN061554.D (-2361) (-)

Ion 105.90 (105.60 to 106.60): VN061554.D (-2361) (-)

9.66

400000

300000

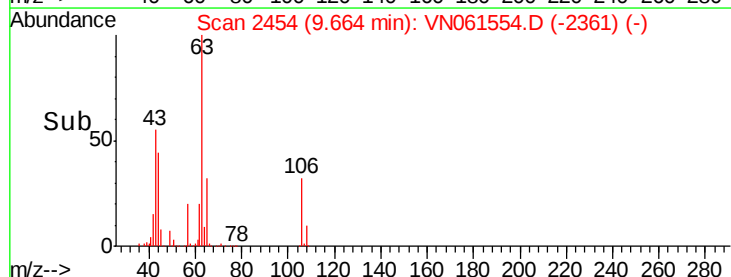
200000

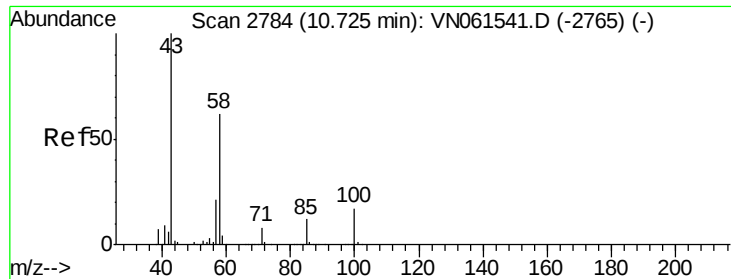
100000

0

Time-->

9.60 9.70 9.80

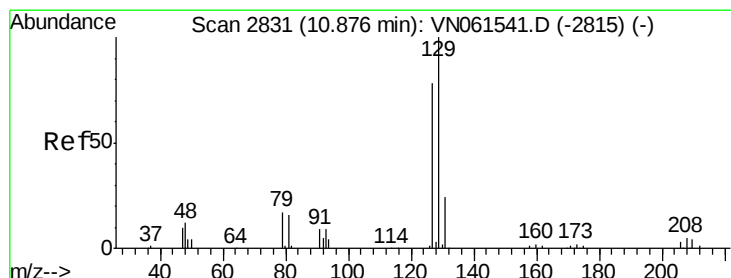
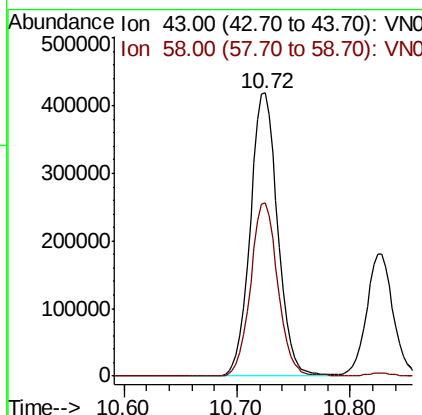
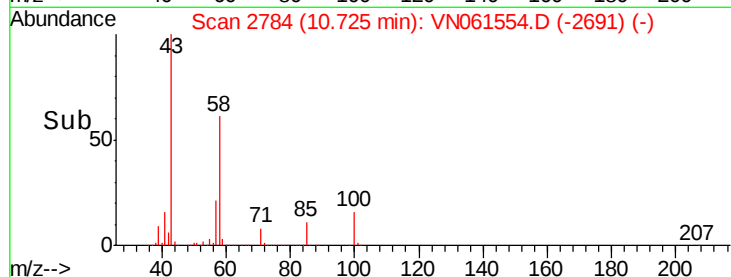
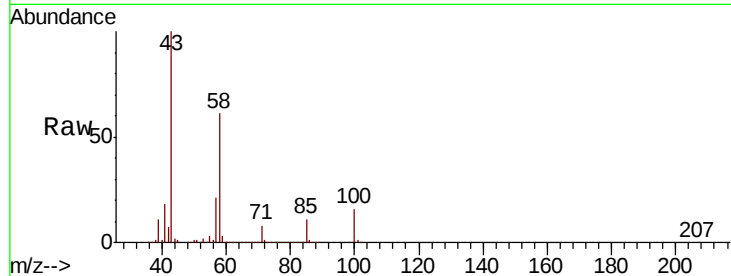




#59
2-Hexanone
Concen: 239.878 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

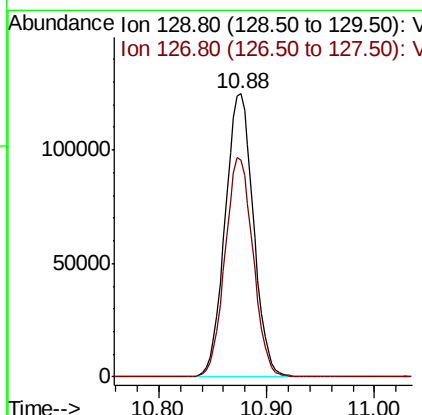
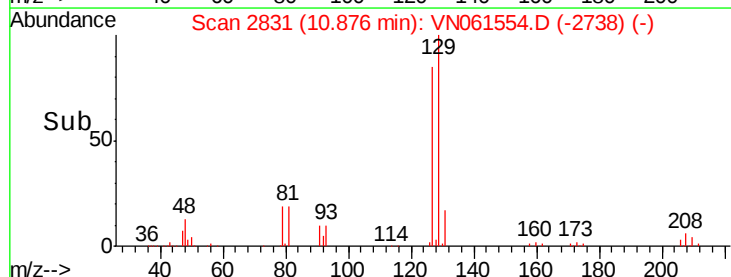
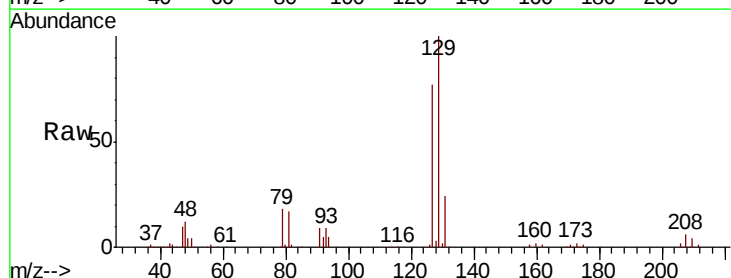
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 706015
Ion Ratio Lower Upper
43 100
58 61.0 30.7 92.1



#60
Dibromochloromethane
Concen: 49.657 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion: 129 Resp: 227317
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.3





#61

1,2-Dibromoethane

Concen: 50.436 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

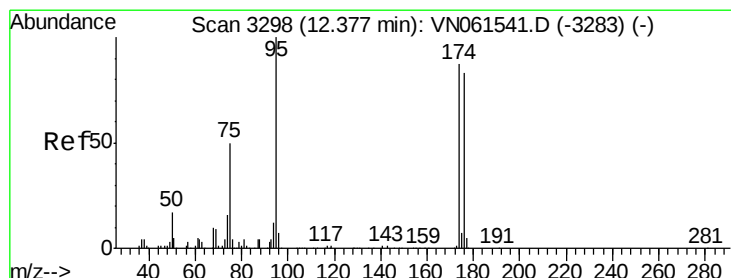
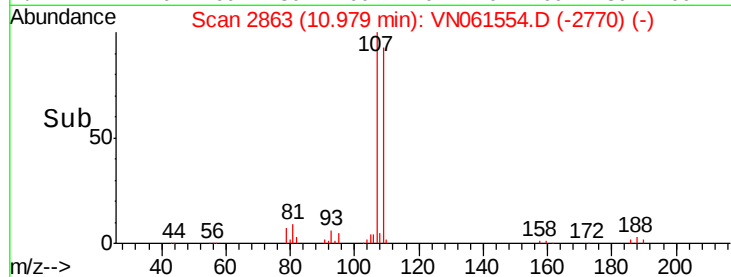
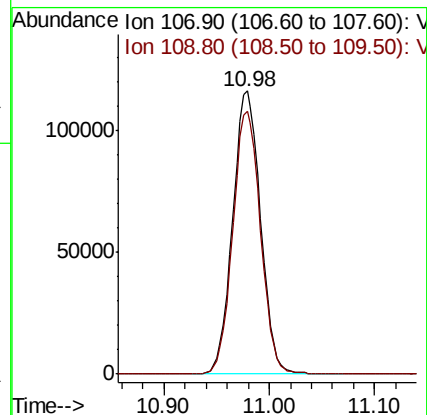
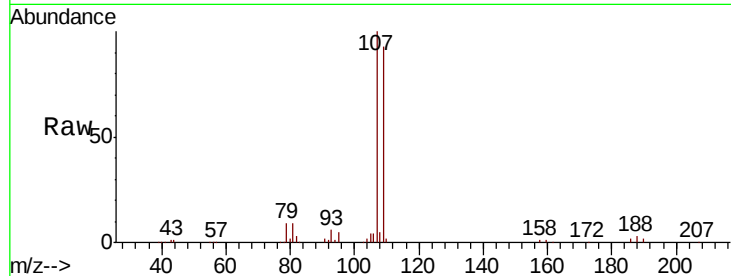
VSTDCCC050EC

Tot Ion:107 Resp: 211810

Ion Ratio Lower Upper

107 100

109 92.9 76.1 114.1



#62

4-Bromofluorobenzene

Concen: 53.650 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

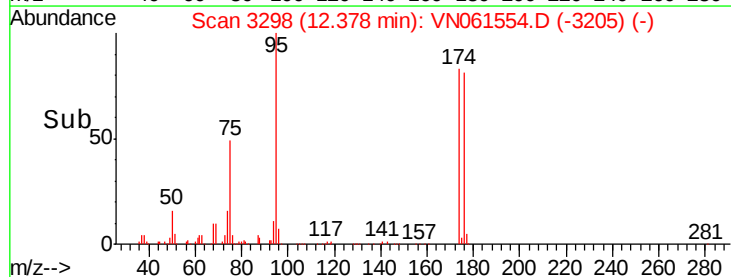
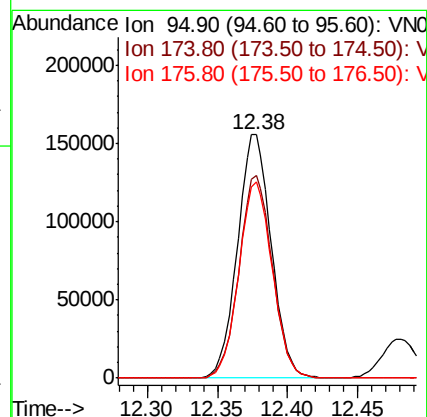
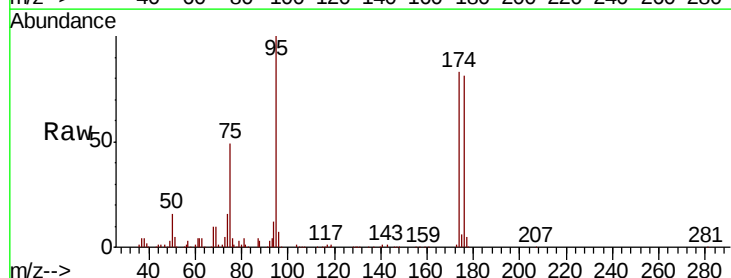
Tgt Ion: 95 Resp: 260860

Ion Ratio Lower Upper

95 100

174 82.2 0.0 172.8

176 80.1 0.0 164.8

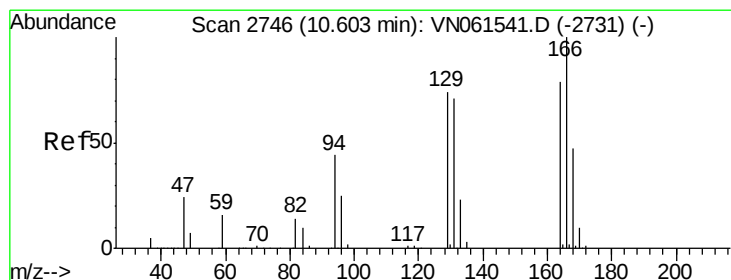
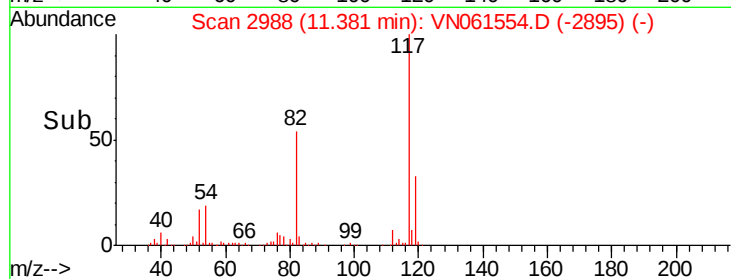
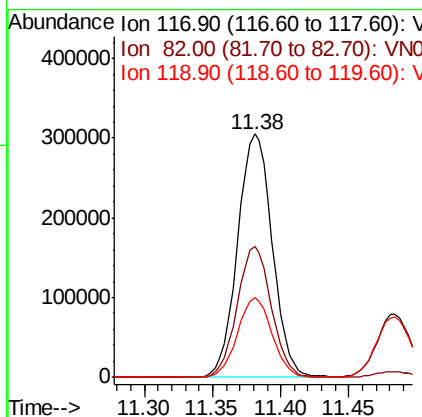
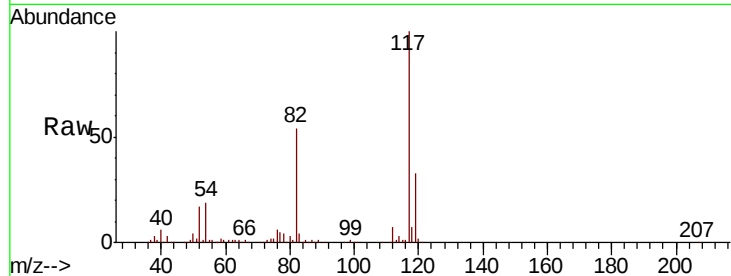




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

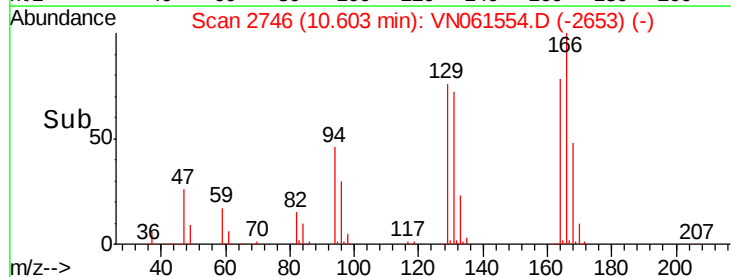
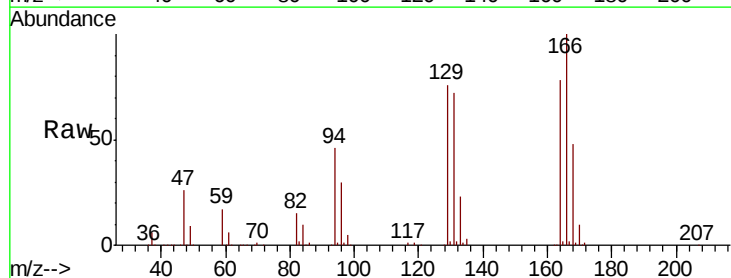
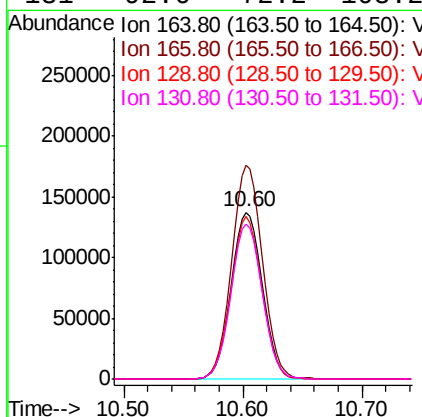
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

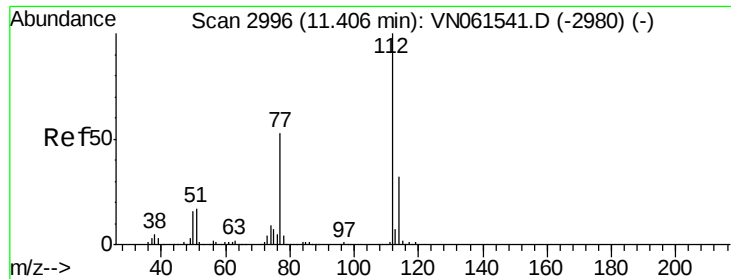
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	41.5	62.3
119	32.6	25.6	38.4



#64
Tetrachloroethene
Concen: 49.453 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	101.5	152.3
129	97.2	74.9	112.3
131	92.6	72.2	108.2

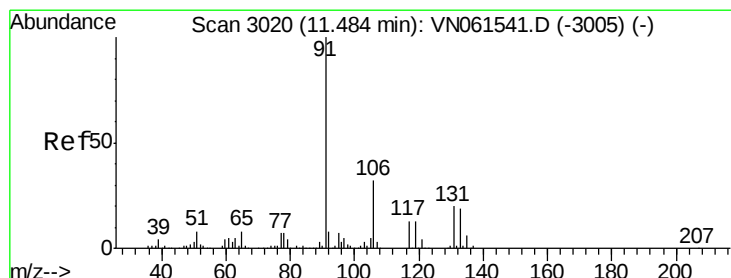
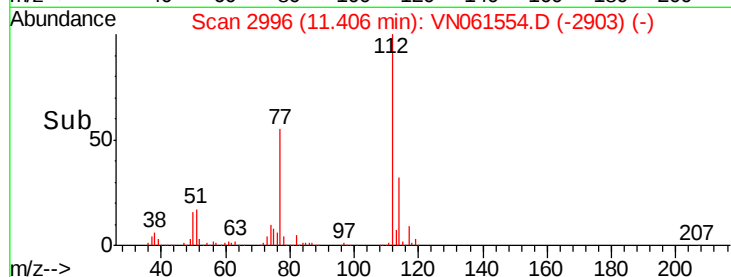
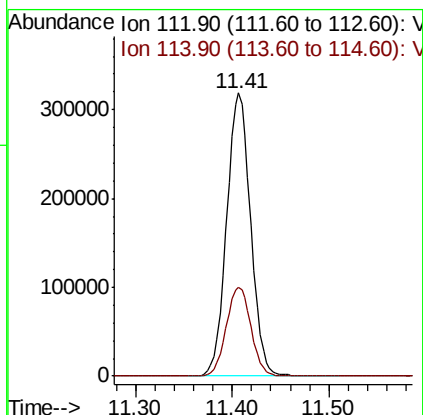
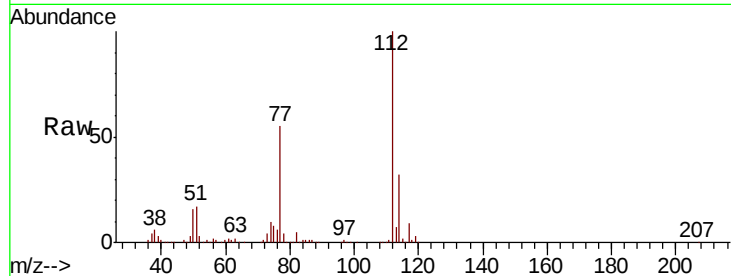




#65
Chlorobenzene
Concen: 48.815 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

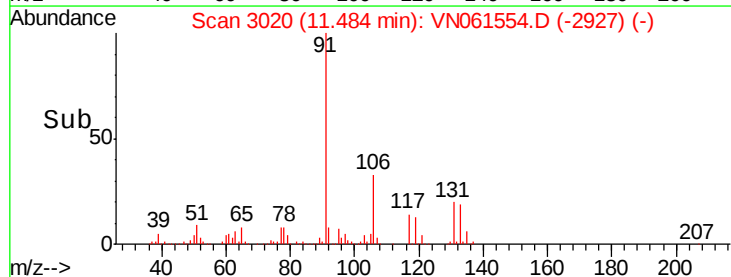
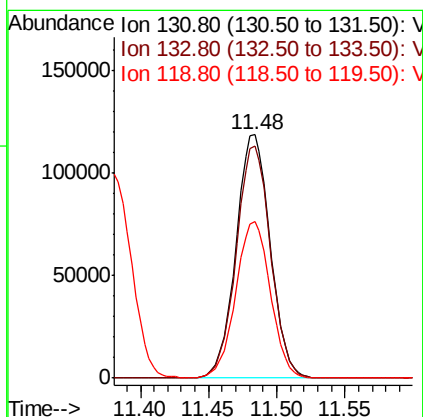
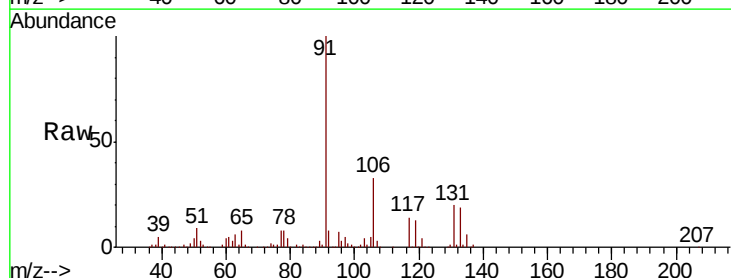
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 547174
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.573 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion:131 Resp: 206904
Ion Ratio Lower Upper
131 100
133 95.7 47.4 142.2
119 65.2 32.6 97.8

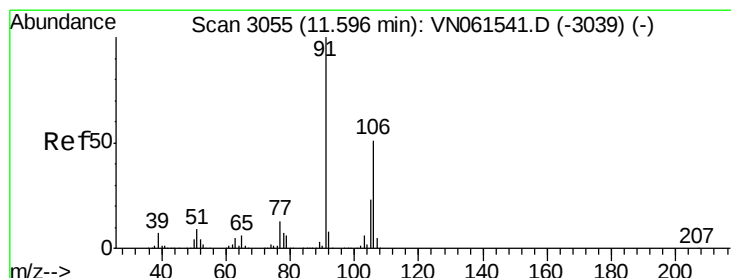
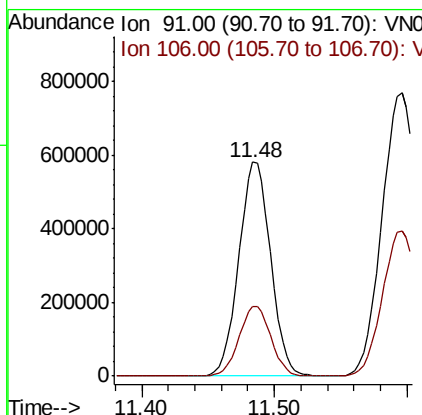
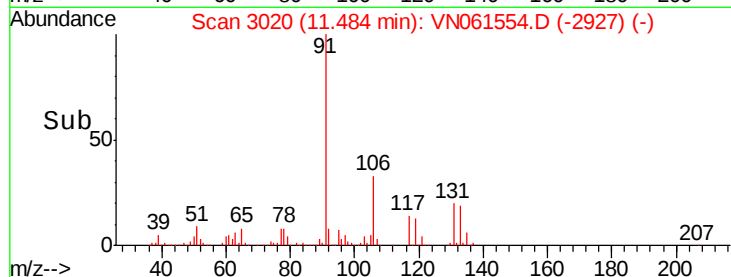
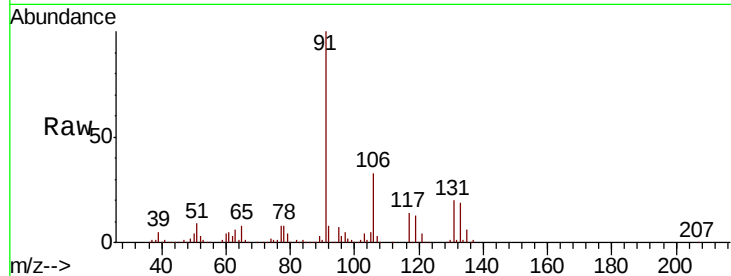




#67
Ethyl Benzene
Concen: 50.010 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

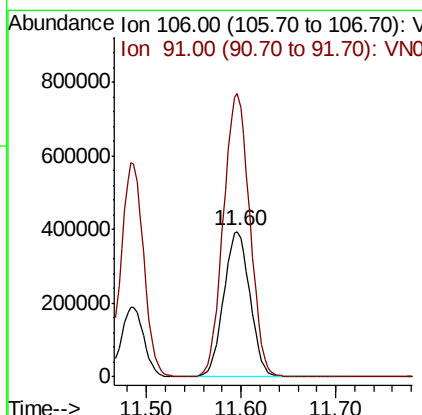
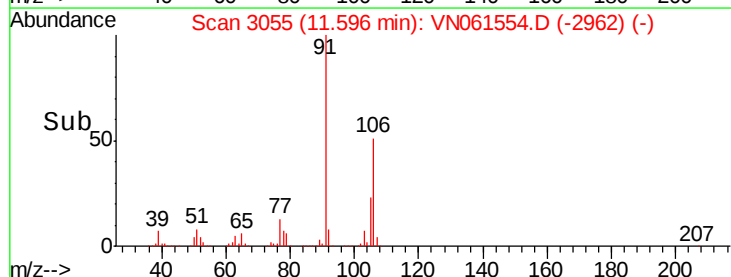
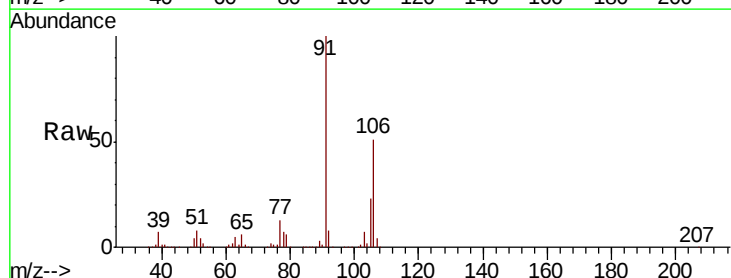
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 968888
Ion Ratio Lower Upper
91 100
106 32.6 25.6 38.4



#68
m/p-Xylenes
Concen: 98.923 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion: 106 Resp: 759906
Ion Ratio Lower Upper
106 100
91 196.0 156.2 234.4

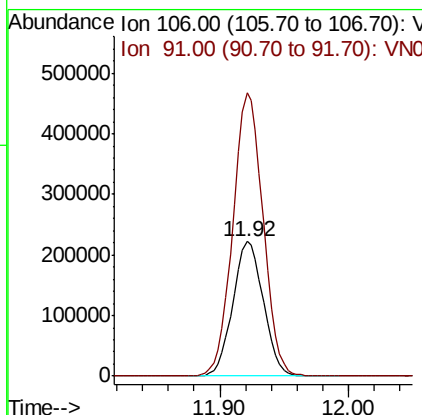
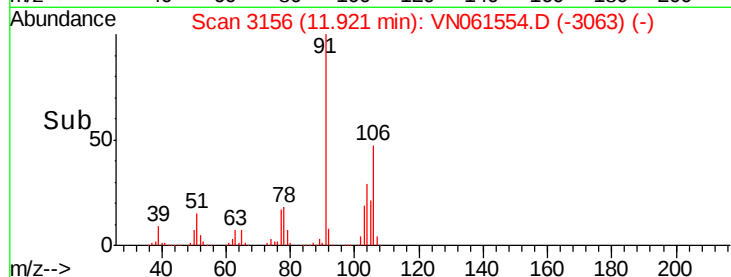
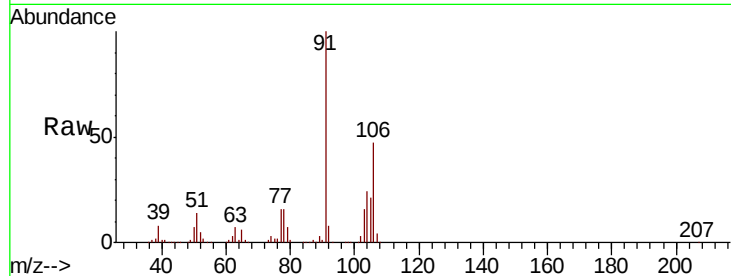




#69
o-Xylene
Concen: 50.050 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

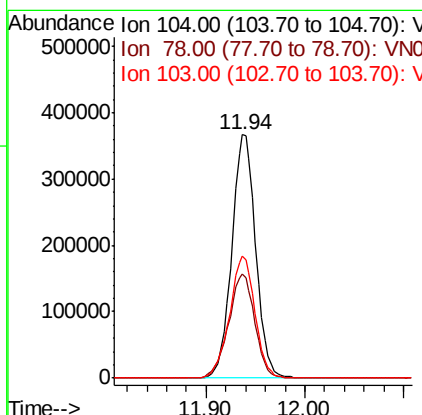
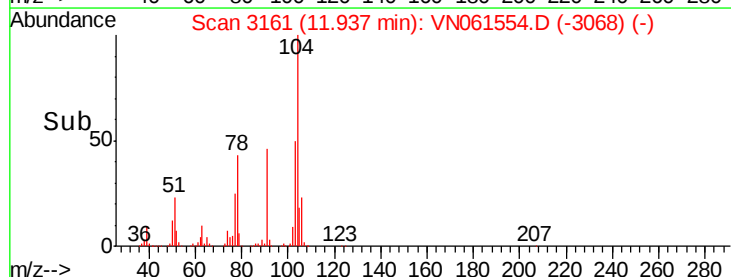
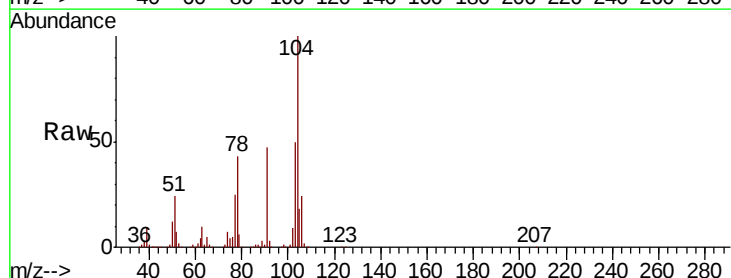
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

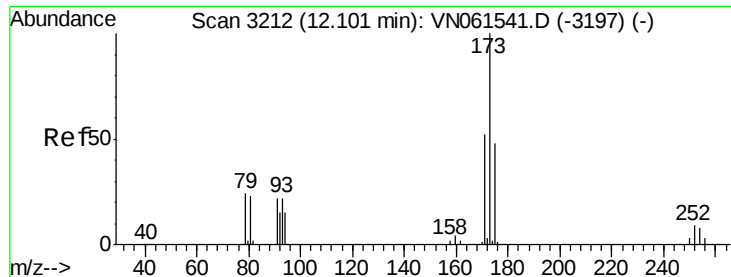
Tot Ion:106 Resp: 365174
Ion Ratio Lower Upper
106 100
91 208.0 103.3 309.8



#70
Styrene
Concen: 51.199 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion:104 Resp: 618626
Ion Ratio Lower Upper
104 100
78 47.0 37.4 56.0
103 53.5 42.3 63.5





#71

Bromoform

Concen: 48.105 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

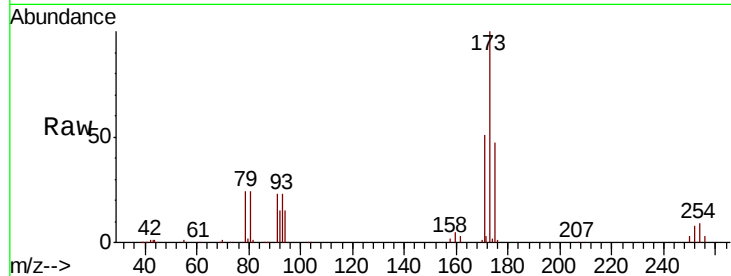
Tot Ion:173 Resp: 154711

Ion Ratio Lower Upper

173 100

175 46.9 24.4 73.2

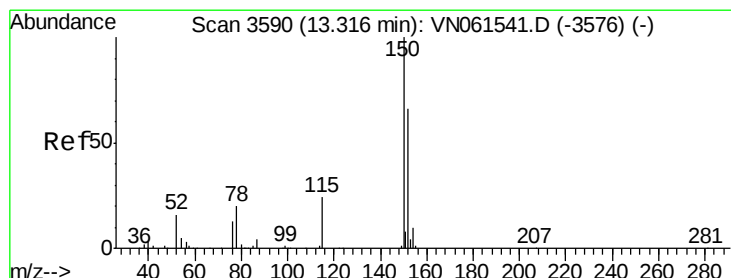
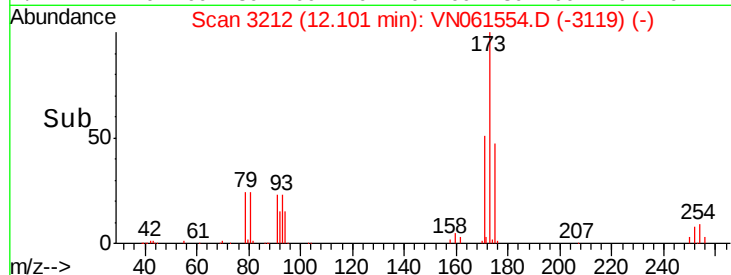
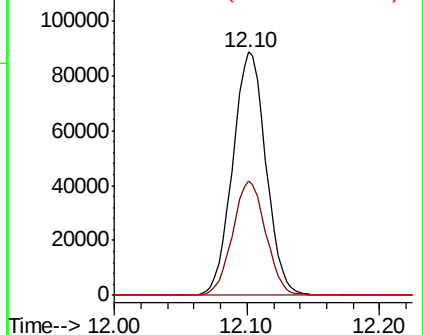
254 0.0 0.0 0.0



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# 3591

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

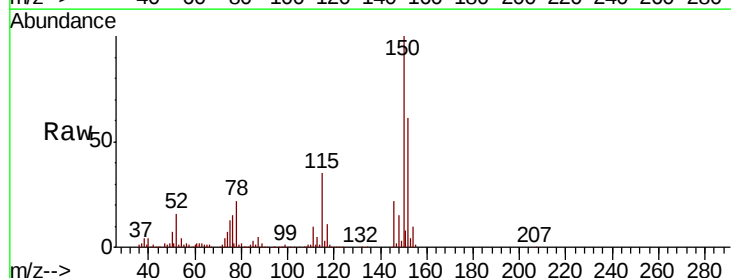
Tgt Ion:152 Resp: 273455

Ion Ratio Lower Upper

152 100

115 57.3 28.0 84.0

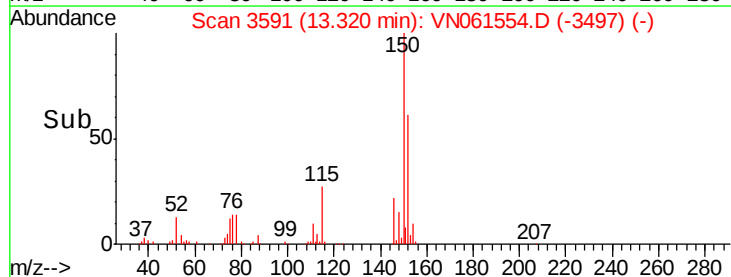
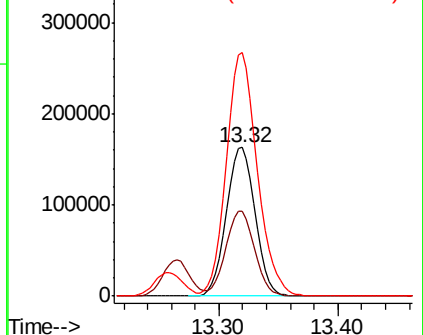
150 175.2 0.0 344.0

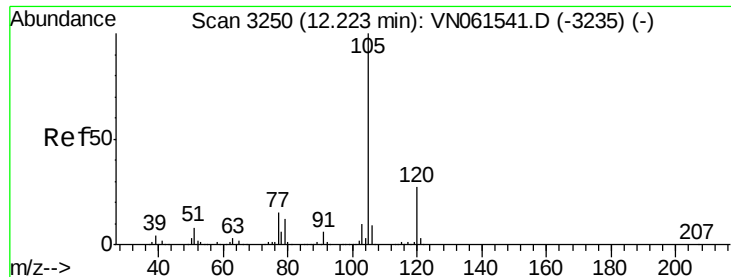


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.720 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

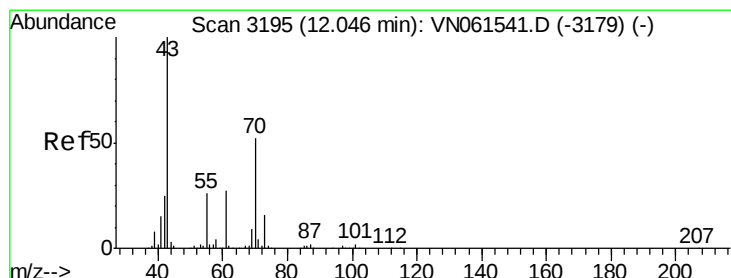
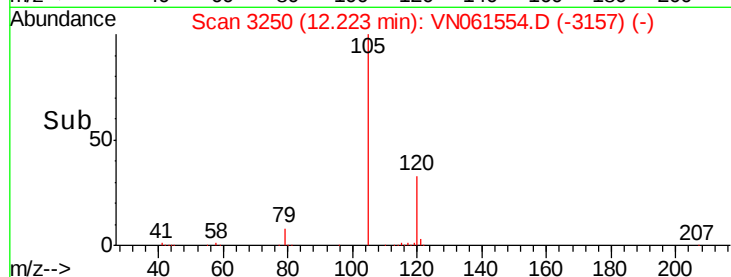
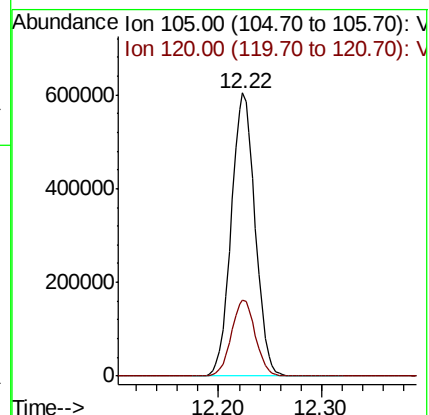
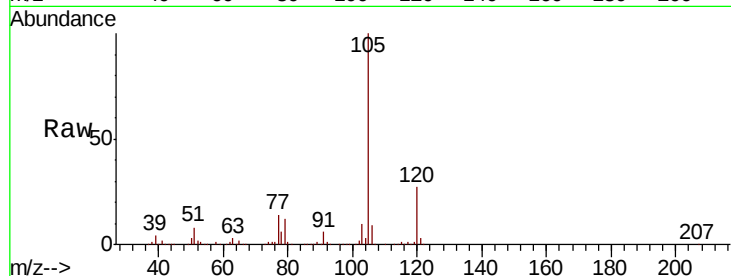
VSTDCCC050EC

Tot Ion:105 Resp: 972392

Ion Ratio Lower Upper

105 100

120 27.1 13.8 41.3



#74

N-ethyl acetate

Concen: 48.147 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Tgt Ion: 43 Resp: 302624

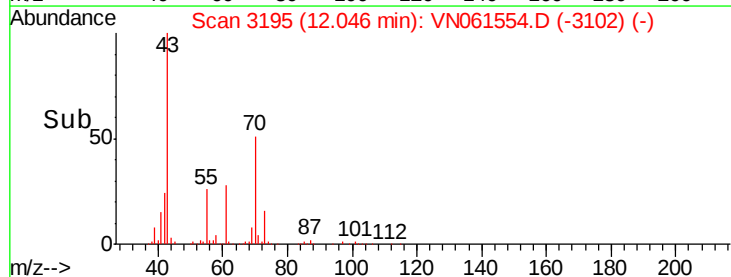
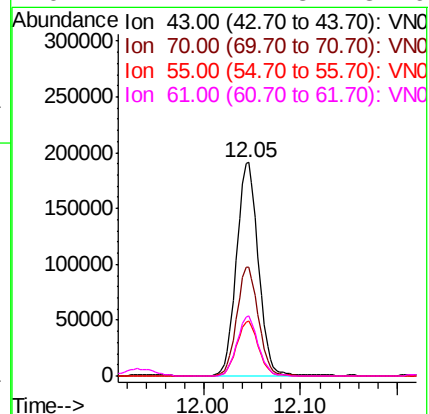
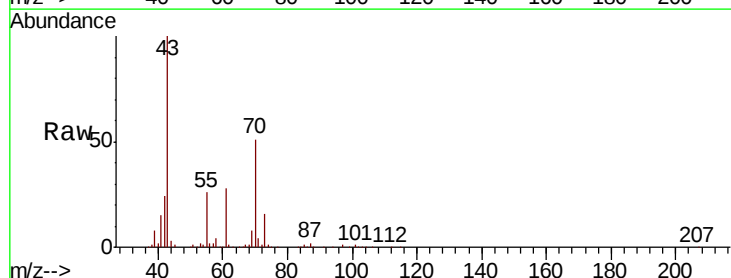
Ion Ratio Lower Upper

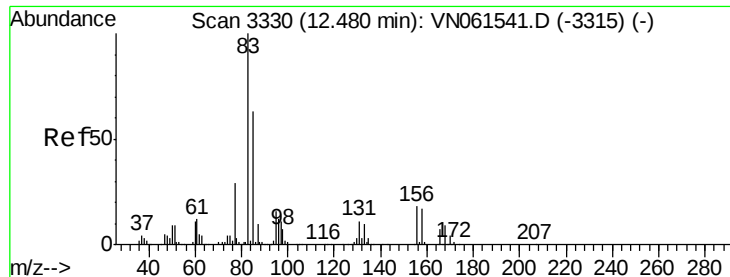
43 100

70 50.0 40.5 60.7

55 25.6 20.6 31.0

61 27.2 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.102 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

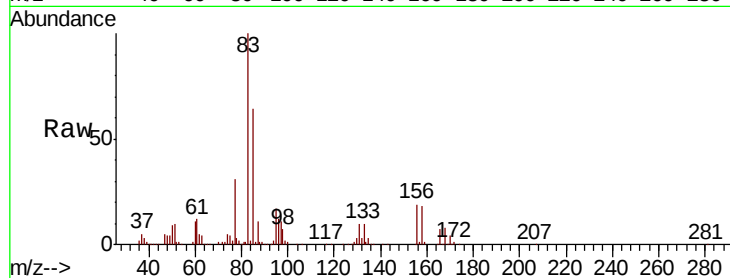
Tot Ion: 83 Resp: 252256

Ion Ratio Lower Upper

83 100

131 10.3 5.5 16.5

85 64.1 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061554.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN061554.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061554.D (-3237) (-)

12.48

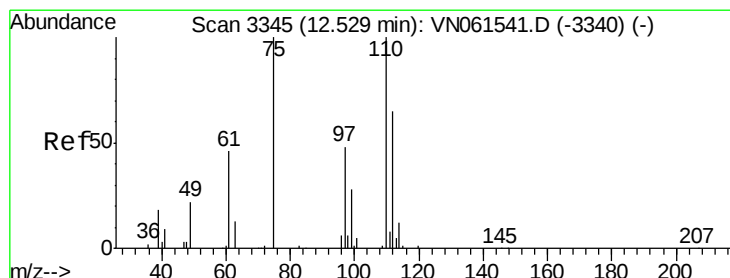
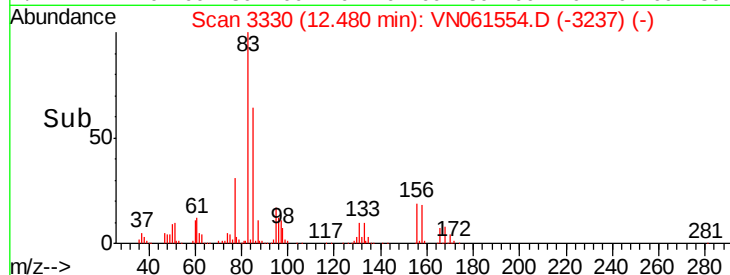
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 67.182 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061554.D

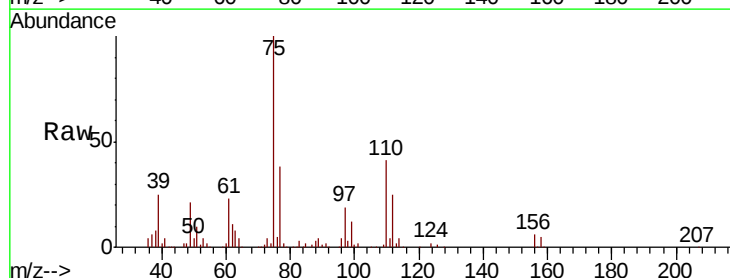
Acq: 29 May 2020 1:10

Tgt Ion: 75 Resp: 334058

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061554.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061554.D (-3252) (-)

250000

200000

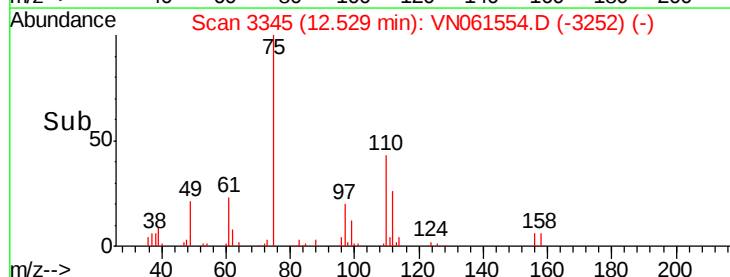
150000

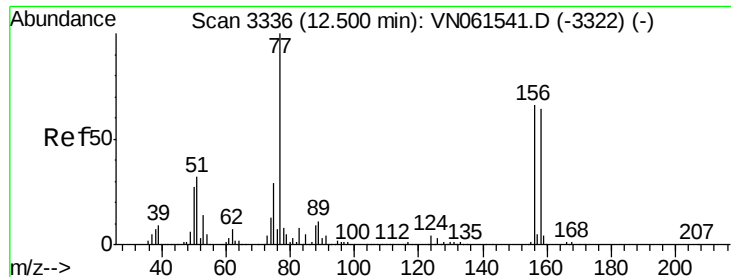
100000

50000

0

Time-->

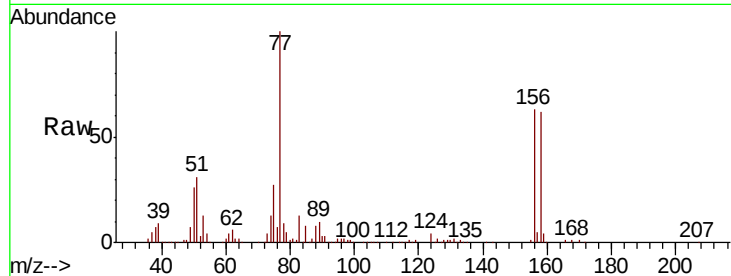




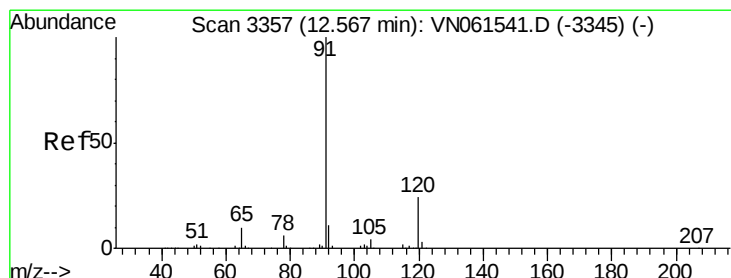
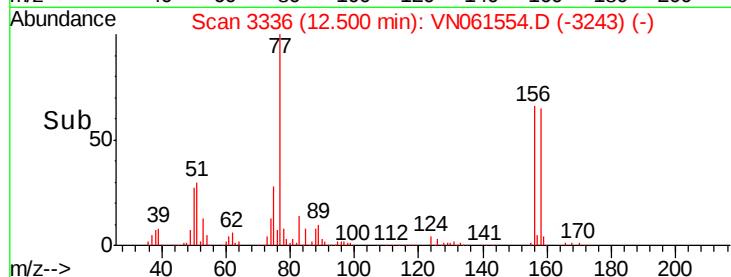
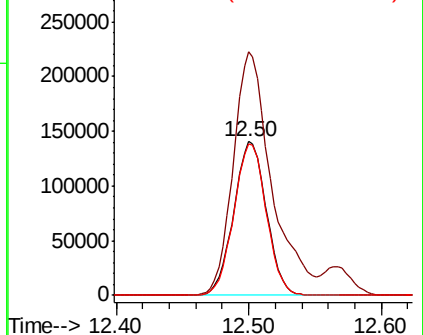
#77
Bromobenzene
Concen: 47.139 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:156 Resp: 240153
Ion Ratio Lower Upper
156 100
77 186.8 90.9 272.7
158 97.9 48.4 145.3

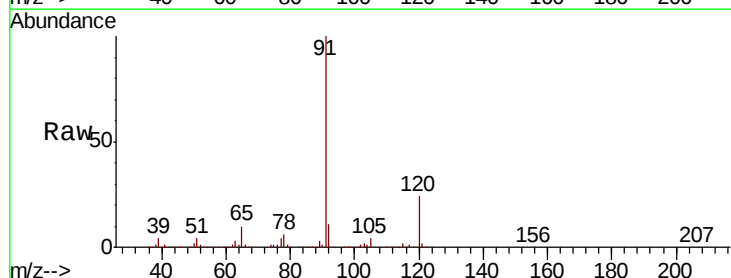


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

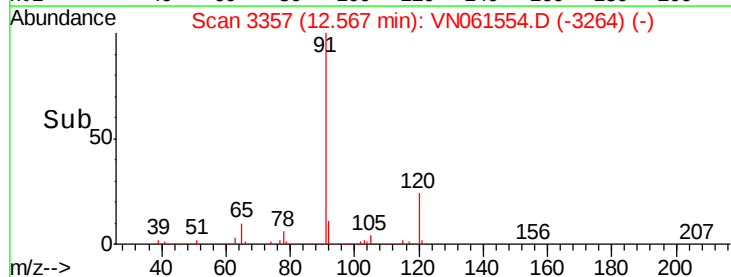
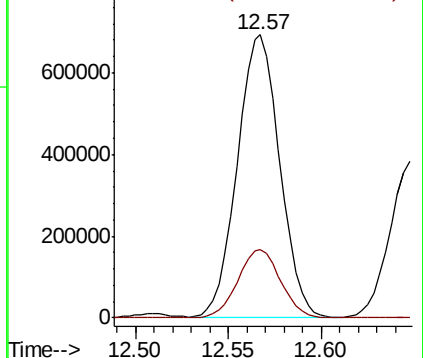


#78
n-propylbenzene
Concen: 48.942 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion: 91 Resp: 1090499
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: 47.790 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

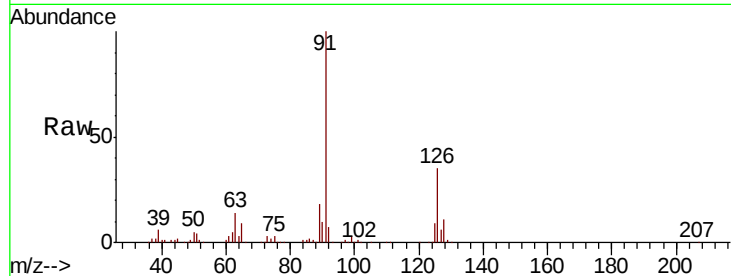
VSTDCCC050EC

Tot Ion: 91 Resp: 634941

Ion Ratio Lower Upper

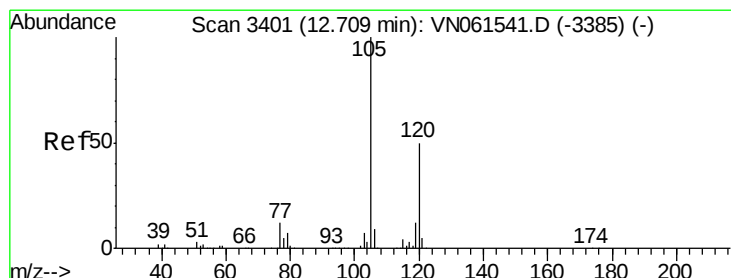
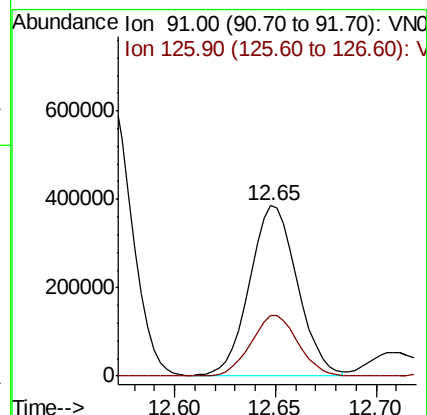
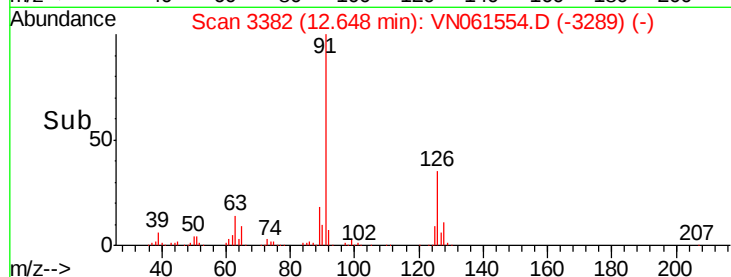
91 100

126 35.6 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN061554.D (-3382) (-)

Ion 125.90 (125.60 to 126.60): VN061554.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.964 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061554.D

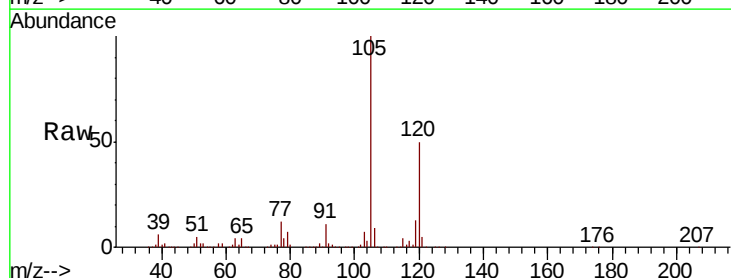
Acq: 29 May 2020 1:10

Tgt Ion:105 Resp: 816806

Ion Ratio Lower Upper

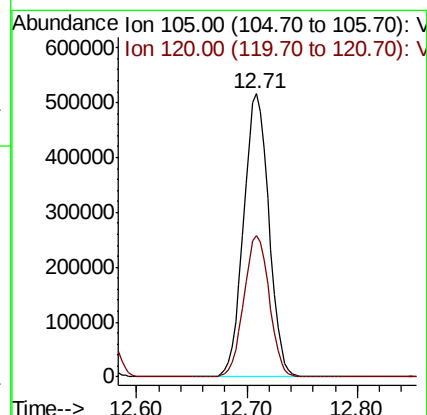
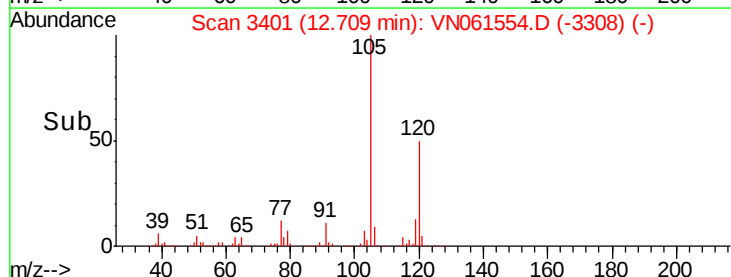
105 100

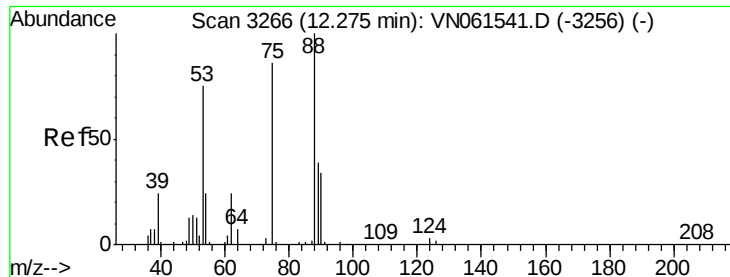
120 50.3 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061554.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN061554.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 42.751 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

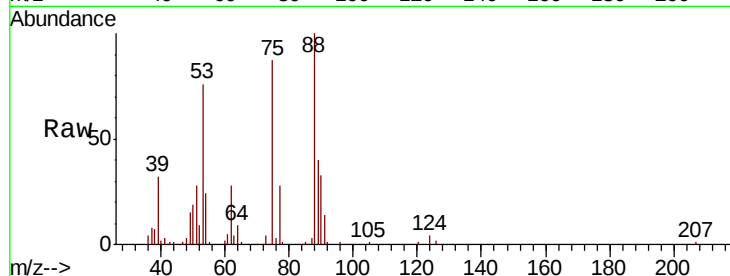
Tot Ion: 75 Resp: 83127

Ion Ratio Lower Upper

75 100

53 86.9 67.8 101.8

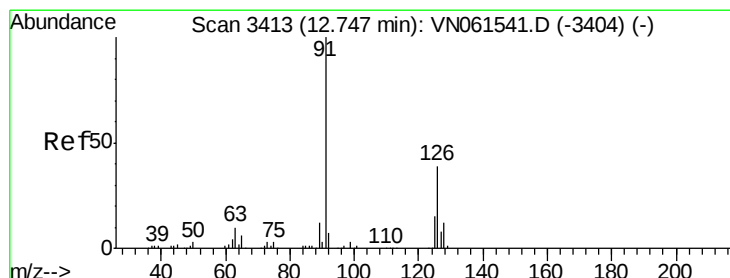
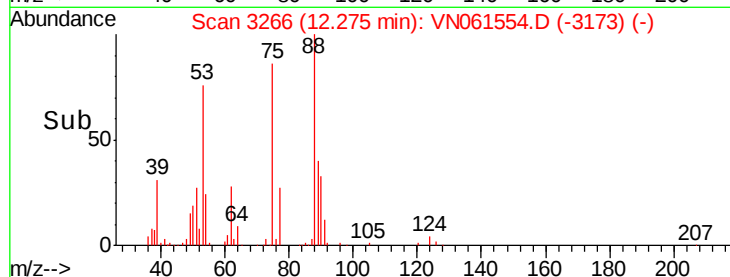
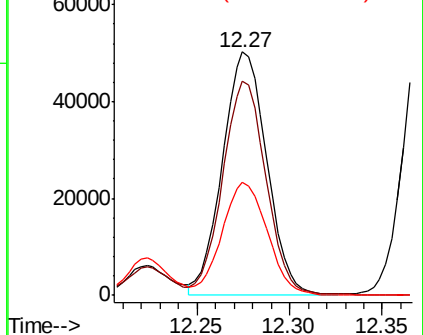
89 47.8 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VN061554.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN061554.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN061554.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 47.898 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061554.D

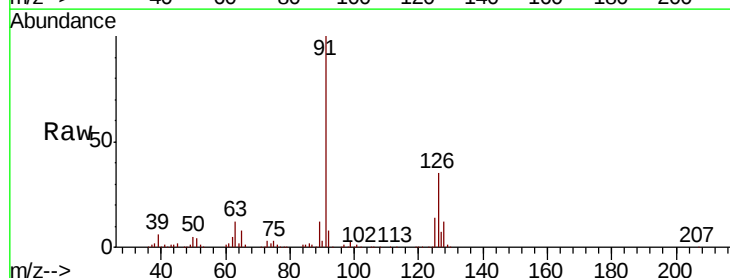
Acq: 29 May 2020 1:10

Tgt Ion: 91 Resp: 669476

Ion Ratio Lower Upper

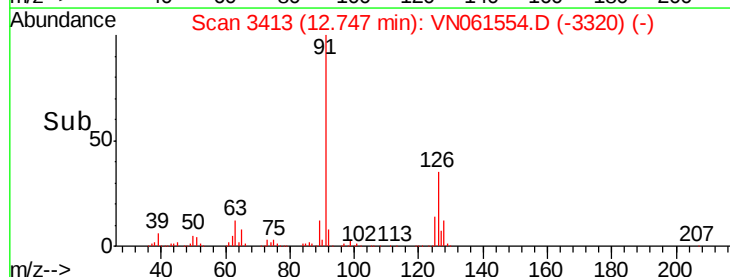
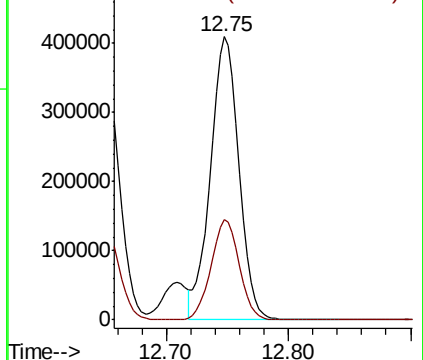
91 100

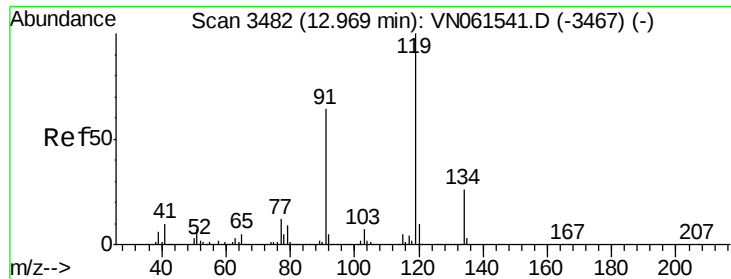
126 35.2 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN061554.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN061554.D (-3320) (-)

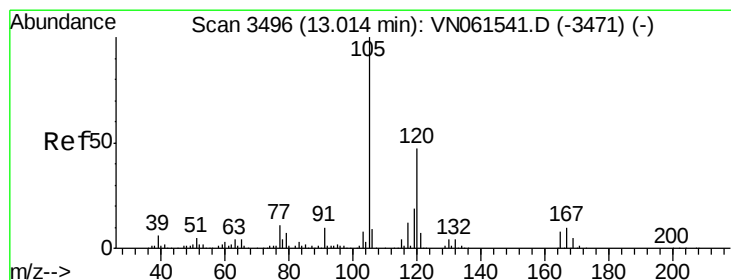
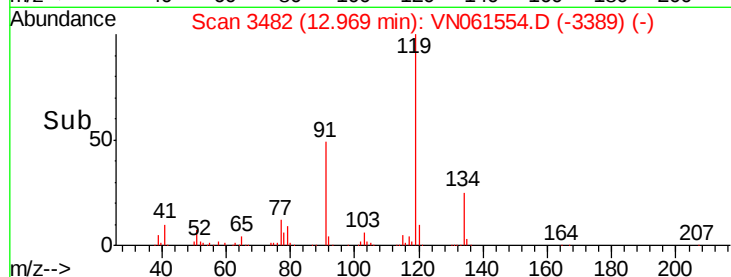
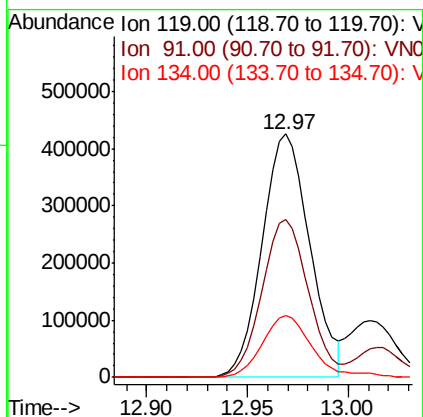
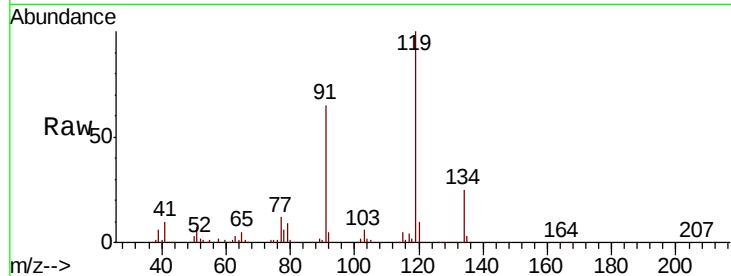




#83
tert-Butylbenzene
Concen: 47.324 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

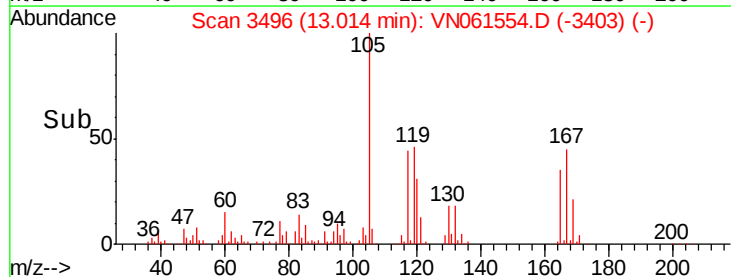
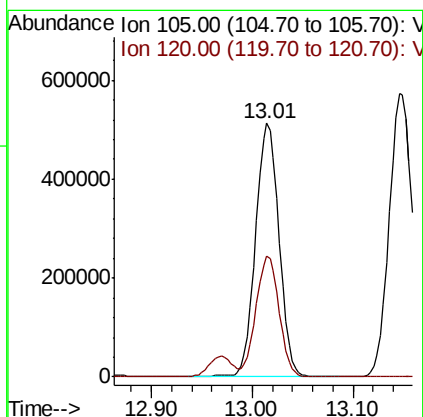
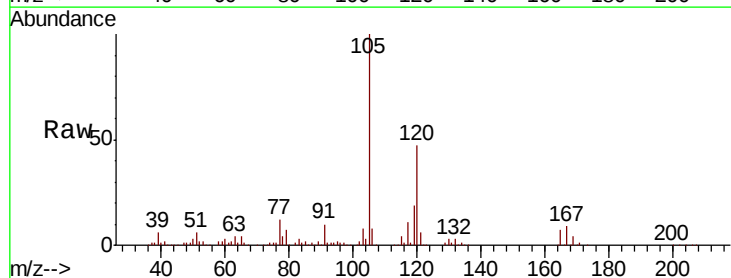
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 697518
Ion Ratio Lower Upper
119 100
91 63.7 31.3 93.8
134 26.5 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 49.829 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion:105 Resp: 825774
Ion Ratio Lower Upper
105 100
120 47.2 23.2 69.5





#85

sec-Butylbenzene

Concen: 48.845 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

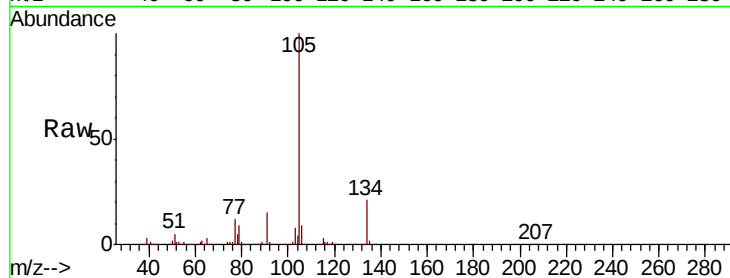
VSTDCCC050EC

Tot Ion:105 Resp: 927699

Ion Ratio Lower Upper

105 100

134 20.9 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

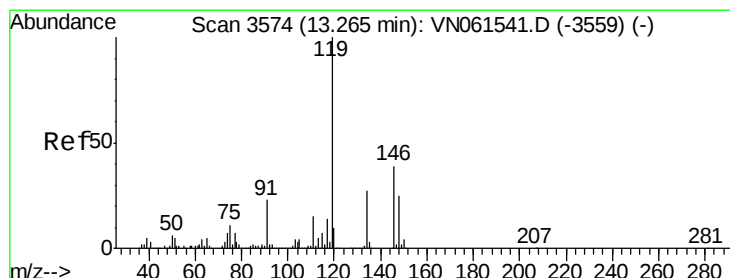
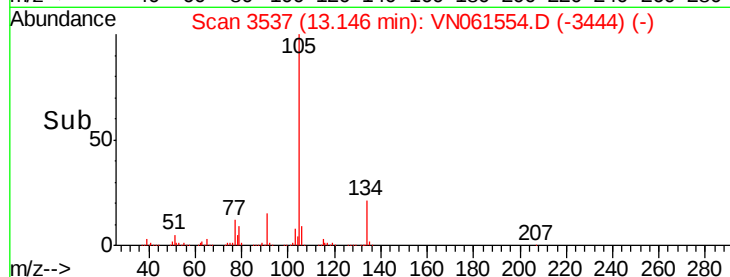
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.621 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

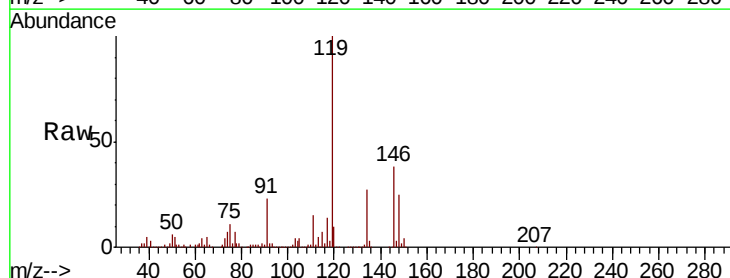
Tgt Ion:119 Resp: 867900

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

91 22.7 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

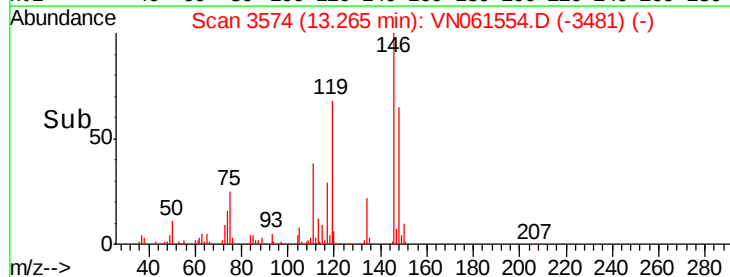
600000

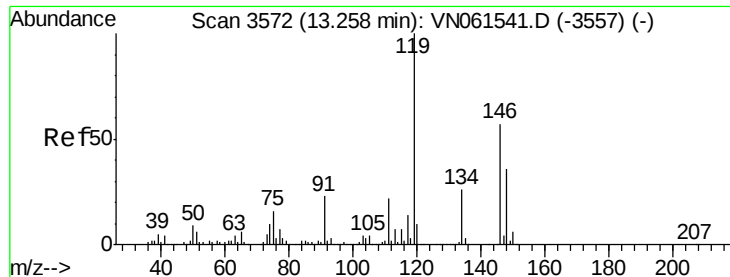
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 48.581 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

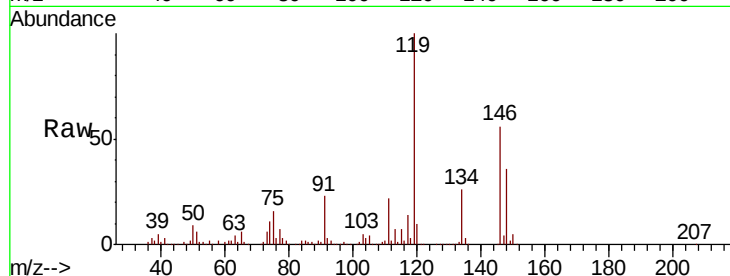
Tot Ion:146 Resp: 438271

Ion Ratio Lower Upper

146 100

111 39.1 19.2 57.6

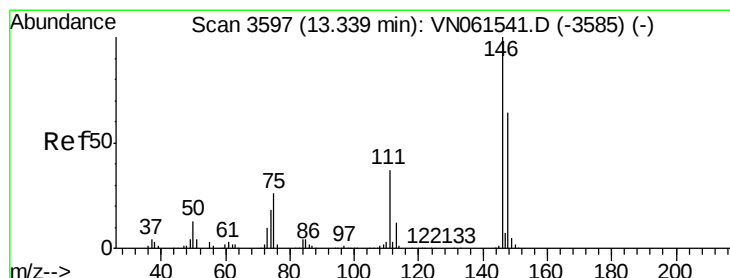
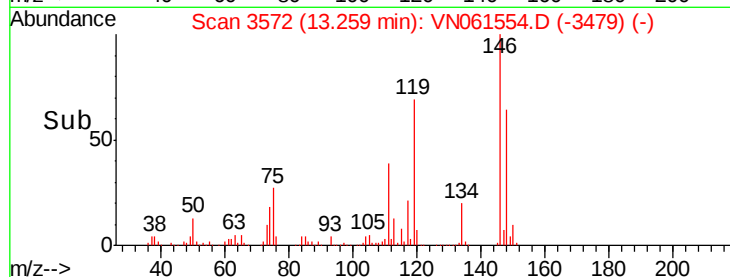
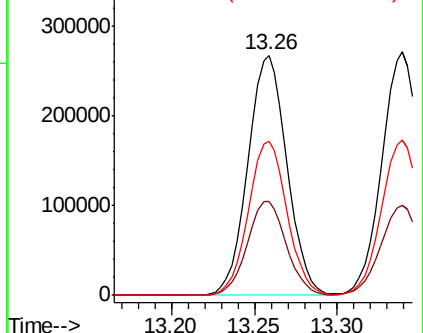
148 63.6 31.7 95.1



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



#88

1,4-Dichlorobenzene

Concen: 47.716 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

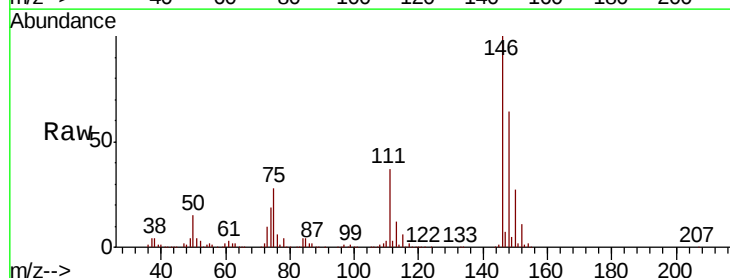
Tgt Ion:146 Resp: 438528

Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.9

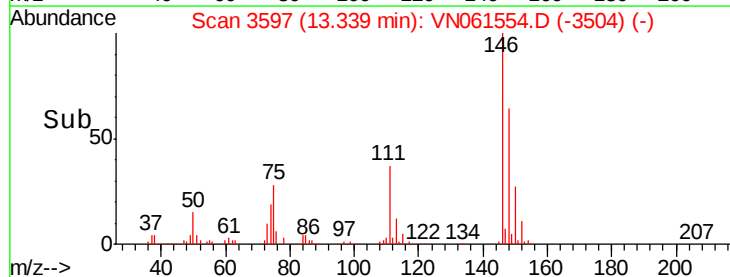
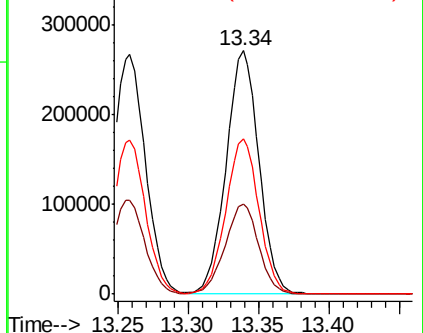
148 64.6 31.8 95.3

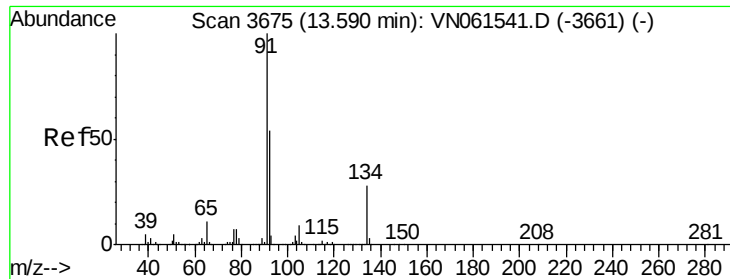


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

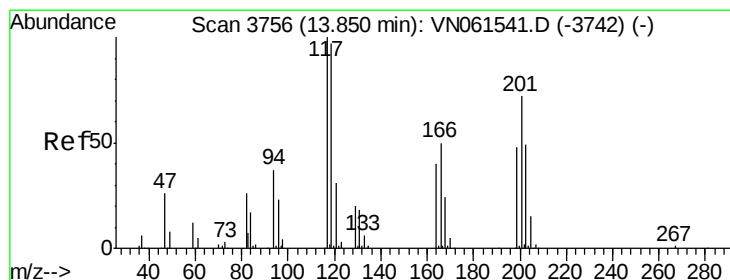
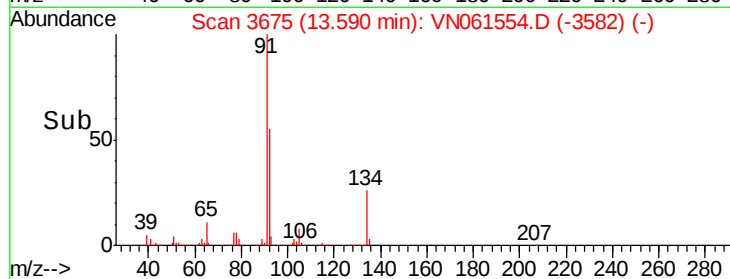
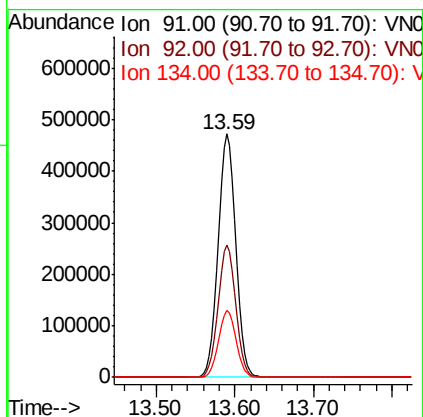
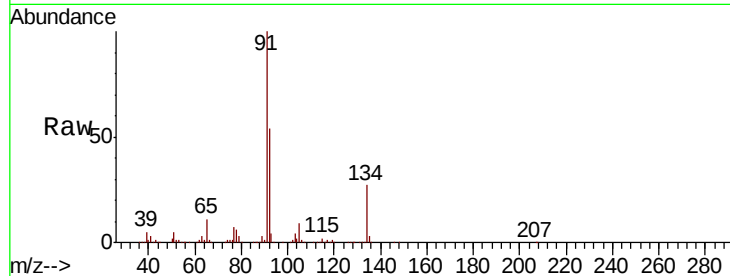




#89
n-Butylbenzene
Concen: 49.712 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

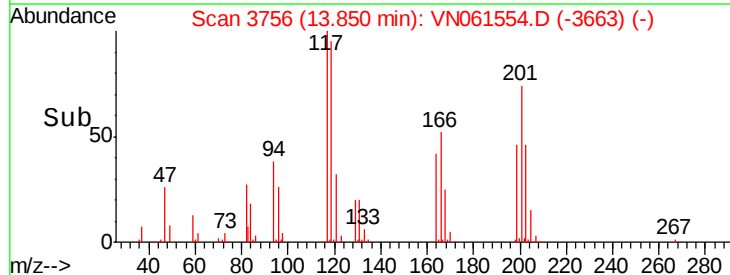
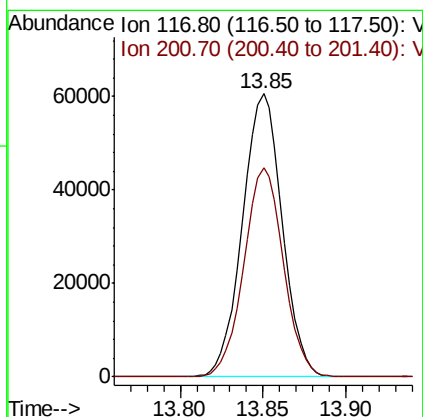
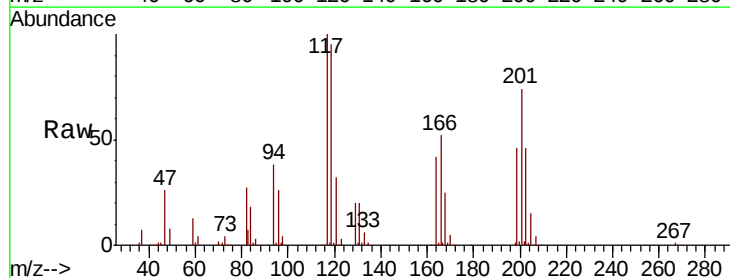
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 728281
Ion Ratio Lower Upper
91 100
92 54.2 27.2 81.6
134 27.4 14.0 42.0



#90
Hexachloroethane
Concen: 52.271 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion: 117 Resp: 101108
Ion Ratio Lower Upper
117 100
201 73.5 36.7 110.1

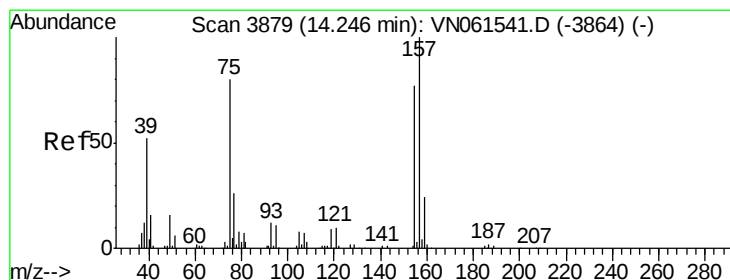
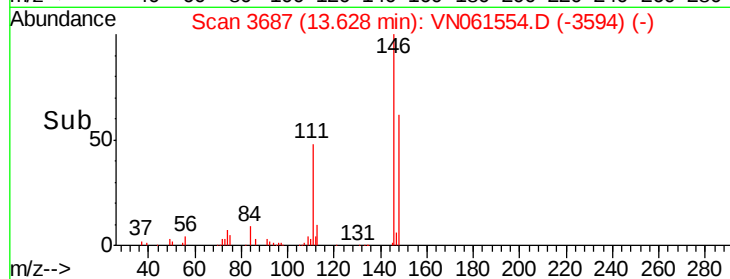
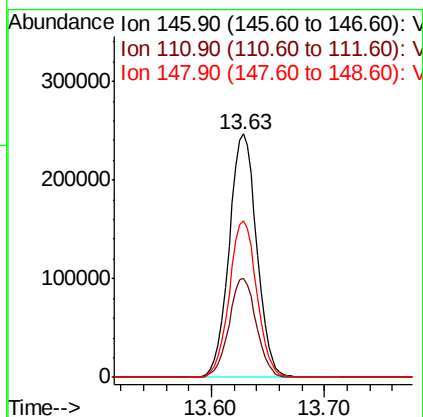
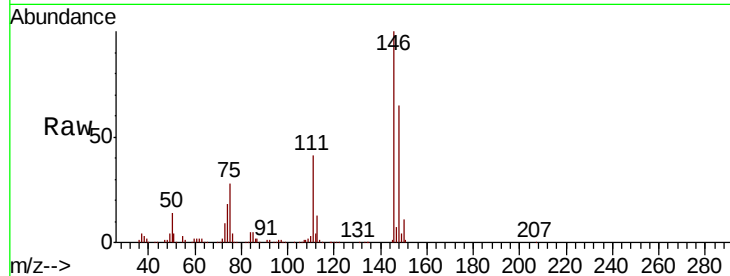




#91
 1,2-Dichlorobenzene
 Concen: 48.548 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

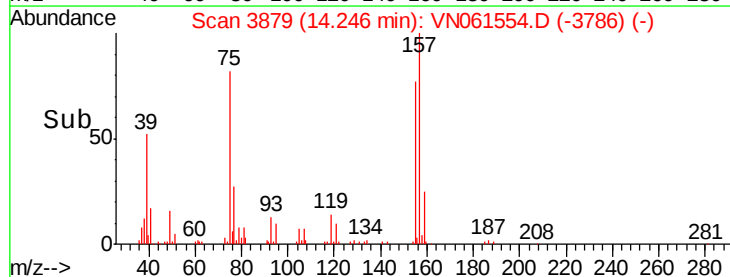
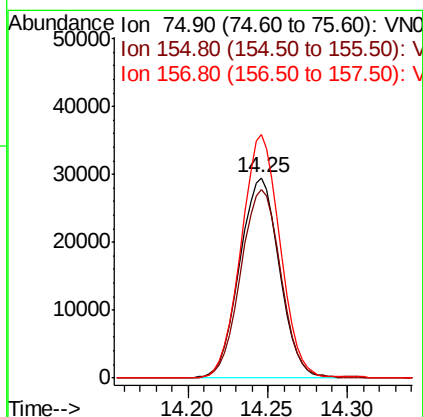
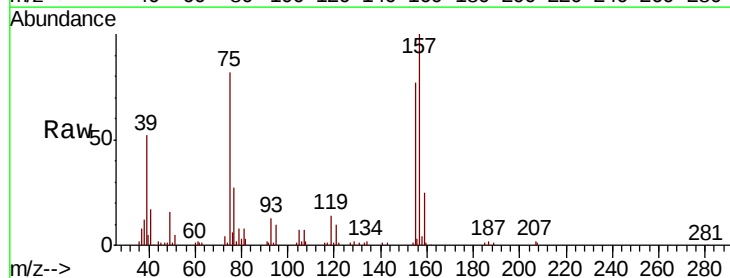
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

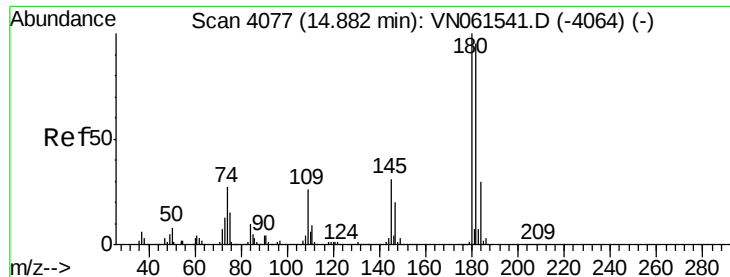
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.1	60.2
148	64.3	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.166 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.5	47.1	141.4
157	118.4	60.3	180.8

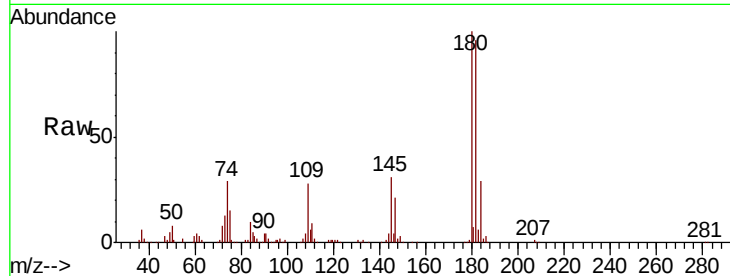




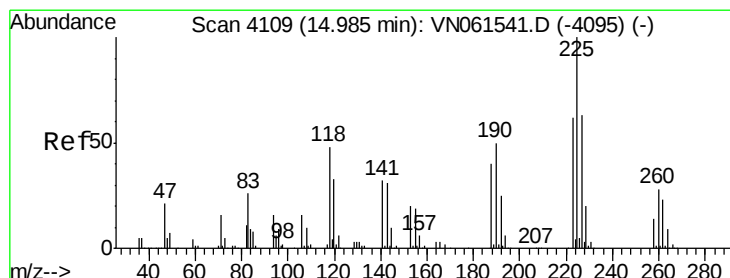
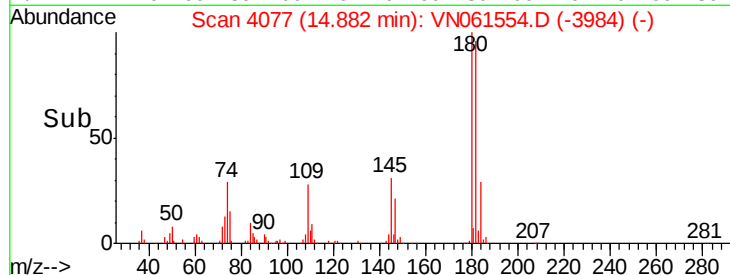
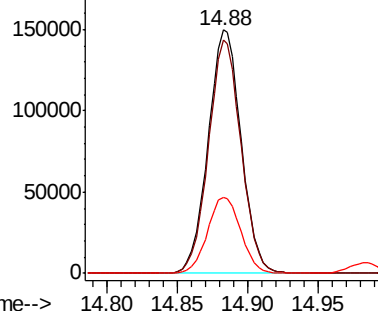
#93
 1,2,4-Trichlorobenzene
 Concen: 48.537 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 244733
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.8 143.3
 145 31.7 15.5 46.5

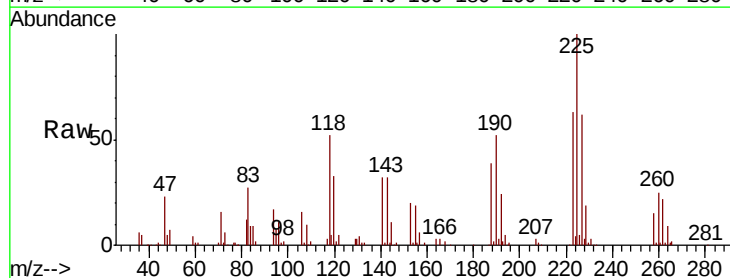


Abundance Ion 179.80 (179.50 to 180.50): V
 200000 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

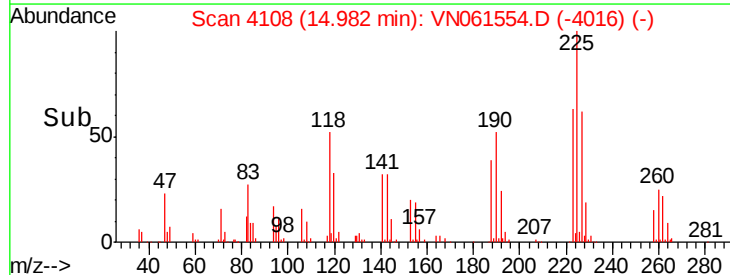
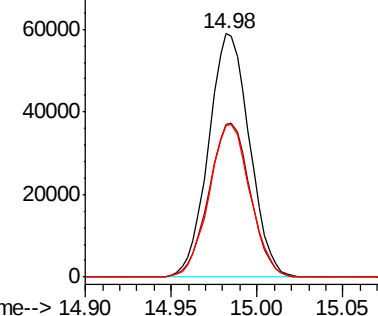


#94
 Hexachlorobutadiene
 Concen: 45.168 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Tgt Ion:225 Resp: 97130
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.9 95.5
 227 63.0 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 80000 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

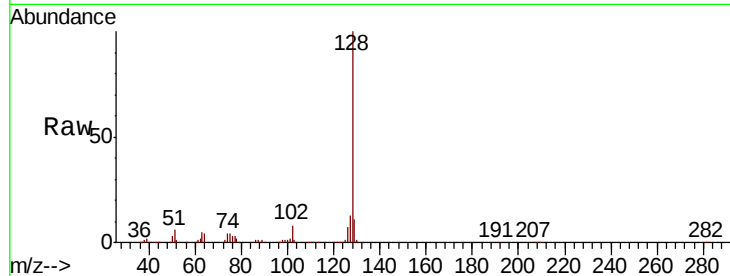




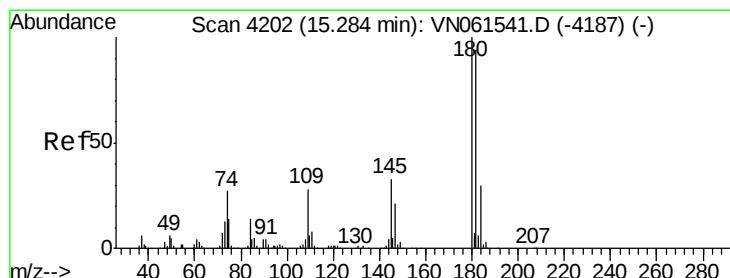
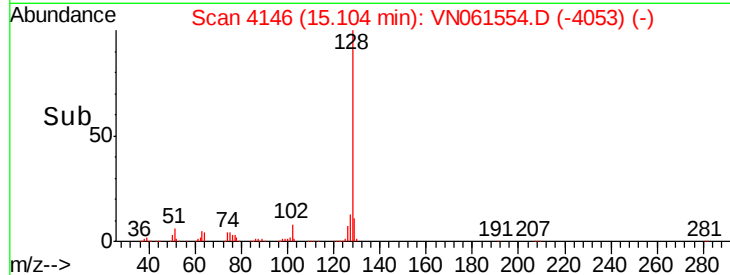
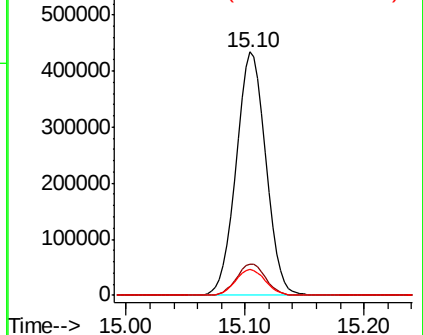
#95
Naphthalene
Concen: 48.905 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 750546
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.6 8.5 12.7

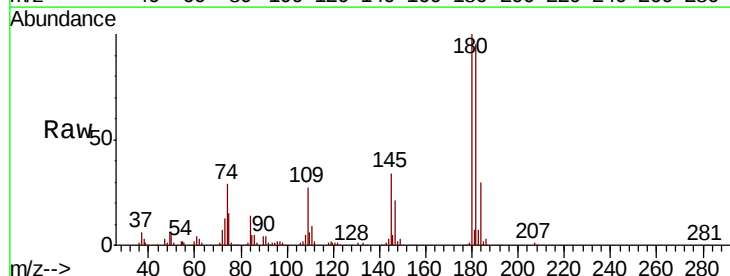


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 48.068 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion:180 Resp: 238299
Ion Ratio Lower Upper
180 100
182 95.2 47.1 141.3
145 33.8 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

