

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071520\
 Data File : VN062540.D
 Acq On : 15 Jul 2020 16:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 16 03:22:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	208873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	353523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	328032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	156633	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	156566	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
35) Dibromofluoromethane	7.55	113	112454	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
50) Toluene-d8	10.06	98	448952	52.04	ug/l	0.00
Spiked Amount			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.37	95	167392	53.10	ug/l	0.00
Spiked Amount			Recovery	=	106.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	95160	44.727	ug/l	95
3) Chloromethane	2.04	50	143388	42.002	ug/l	97
4) Vinyl Chloride	2.16	62	126323	45.166	ug/l	100
5) Bromomethane	2.51	94	56685m	37.737	ug/l	
6) Chloroethane	2.66	64	62256	38.218	ug/l	99
7) Trichlorofluoromethane	2.98	101	149883	42.195	ug/l	99
8) Diethyl Ether	3.37	74	77616	48.865	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	102376	48.618	ug/l	98
10) Methyl Iodide	3.91	142	131100	47.152	ug/l	98
11) Tert butyl alcohol	4.74	59	138684	260.226	ug/l	98
12) 1,1-Dichloroethene	3.69	96	101278	47.241	ug/l	95
13) Acrolein	3.56	56	110630	287.763	ug/l	100
14) Allyl chloride	4.27	41	230280	45.671	ug/l	97
15) Acrylonitrile	4.93	53	349825	250.284	ug/l	100
16) Acetone	3.77	43	275628	202.075	ug/l	96
17) Carbon Disulfide	4.00	76	288383	42.928	ug/l	99
18) Methyl Acetate	4.28	43	167494	49.206	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	409780	50.415	ug/l	98
20) Methylene Chloride	4.50	84	138951	47.646	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	111685	48.087	ug/l	98
22) Diisopropyl ether	5.90	45	483789	48.565	ug/l	98
23) Vinyl Acetate	5.84	43	1996971	241.997	ug/l	99
24) 1,1-Dichloroethane	5.80	63	247908	48.160	ug/l	99
25) 2-Butanone	6.79	43	465521	233.694	ug/l	97
26) 2,2-Dichloropropane	6.77	77	193054	48.913	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	133022	49.447	ug/l	99
28) Bromochloromethane	7.15	49	132426	47.352	ug/l	94
29) Tetrahydrofuran	7.17	42	318491	237.479	ug/l	98
30) Chloroform	7.33	83	233062	50.145	ug/l	98
31) Cyclohexane	7.62	56	212602	43.567	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	194151	50.219	ug/l	99
36) 1,1-Dichloropropene	7.75	75	173162	48.618	ug/l	98
37) Ethyl Acetate	6.88	43	192792	46.292	ug/l	99
38) Carbon Tetrachloride	7.73	117	164862	51.486	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	190335	50.056	ug/l	98
40) Benzene	8.00	78	528574	50.354	ug/l	99
41) Methacrylonitrile	7.12	41	98408	56.555	ug/l	93
42) 1,2-Dichloroethane	8.09	62	196388	51.094	ug/l	100
43) Isopropyl Acetate	8.13	43	324104	49.262	ug/l	93
44) Trichloroethene	8.80	130	118855	51.032	ug/l	99
45) 1,2-Dichloropropane	9.09	63	154748	50.783	ug/l	99
46) Dibromomethane	9.18	93	89132	51.832	ug/l	98
47) Bromodichloromethane	9.37	83	193876	52.733	ug/l	99
48) Methyl methacrylate	9.17	41	157597	48.833	ug/l	97
49) 1,4-Dioxane	9.17	88	47337	1007.743	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1009575	256.917	ug/l	99
52) Toluene	10.12	92	316791	52.248	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	220807	53.607	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	236590	52.059	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	127798	53.591	ug/l	98
56) Ethyl methacrylate	10.40	69	219148	49.937	ug/l	96
57) 1,3-Dichloropropane	10.68	76	232235	52.712	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	379184	268.020	ug/l	97
59) 2-Hexanone	10.72	43	731807	256.526	ug/l	97
60) Dibromochloromethane	10.87	129	142370	55.061	ug/l	98
61) 1,2-Dibromoethane	10.98	107	129427	53.765	ug/l	100
64) Tetrachloroethene	10.60	164	95371	48.995	ug/l	98
65) Chlorobenzene	11.41	112	333556	52.319	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	127070	54.048	ug/l	99
67) Ethyl Benzene	11.48	91	622455	52.014	ug/l	99
68) m/p-Xylenes	11.59	106	451144	106.491	ug/l	99
69) o-Xylene	11.92	106	218703	53.022	ug/l	100
70) Styrene	11.94	104	378095	55.463	ug/l	100
71) Bromoform	12.10	173	98076	56.905	ug/l #	99
73) Isopropylbenzene	12.22	105	594170	49.021	ug/l	100
74) N-amyl acetate	12.04	43	298597	50.615	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	200625	49.229	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	188375m	49.015	ug/l	
77) Bromobenzene	12.50	156	139909	50.774	ug/l	94
78) n-propylbenzene	12.56	91	703102	49.661	ug/l	100
79) 2-Chlorotoluene	12.65	91	416433	48.462	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	512480	51.577	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	71176	49.570	ug/l	97
82) 4-Chlorotoluene	12.75	91	439897	50.426	ug/l	98
83) tert-Butylbenzene	12.97	119	414682	49.179	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	507262	51.361	ug/l	99
85) sec-Butylbenzene	13.15	105	565025	50.568	ug/l	100
86) p-Isopropyltoluene	13.26	119	501941	52.049	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	248933	52.367	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	249803	51.071	ug/l	99
89) n-Butylbenzene	13.59	91	438730	51.524	ug/l	100
90) Hexachloroethane	13.85	117	97153	51.213	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	240552	52.338	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	39197	52.704	ug/l	98

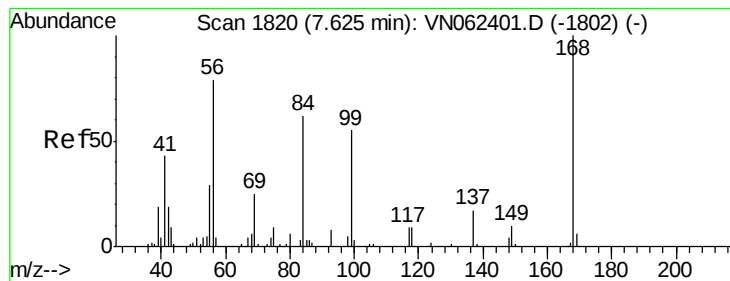
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	119209	47.526	ug/l	99
94) Hexachlorobutadiene	14.98	225	67205	55.071	ug/l	99
95) Naphthalene	15.10	128	310267	51.688	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	121134	49.014	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: VN062540.D

Acq: 15 Jul 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

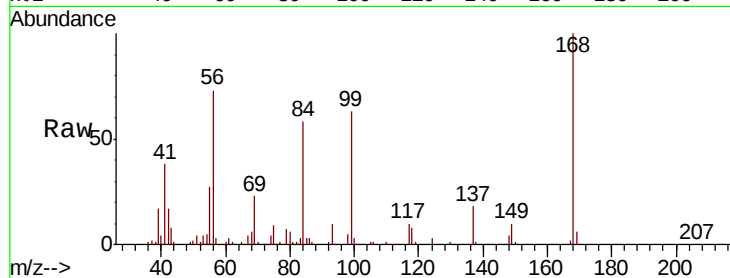
VSTDCCC050EC

Tot Ion:168 Resp: 208873

Ion Ratio Lower Upper

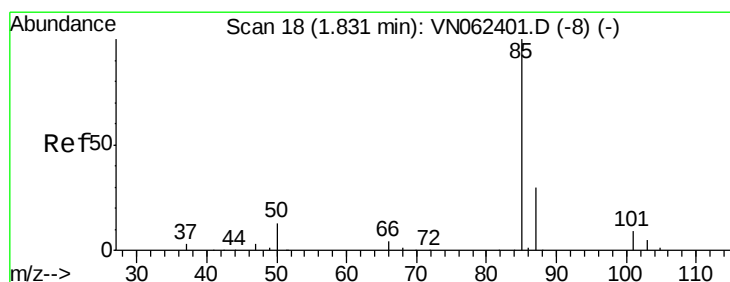
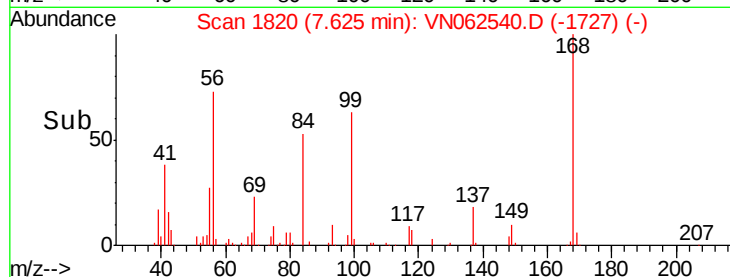
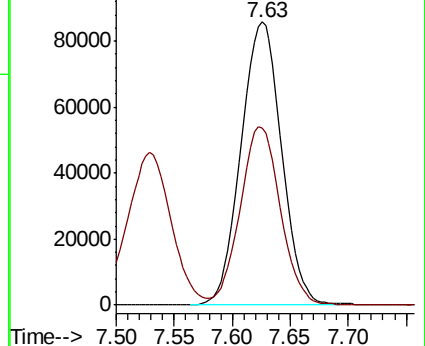
168 100

99 62.4 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 44.727 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062540.D

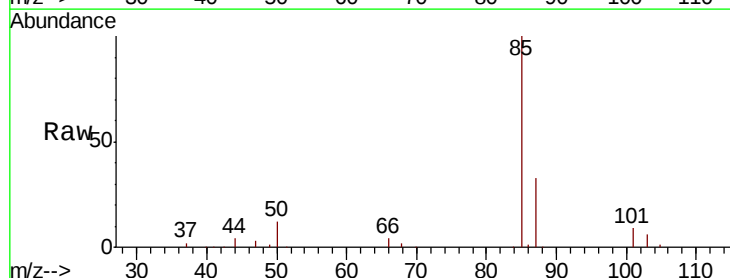
Acq: 15 Jul 2020 16:56

Tgt Ion: 85 Resp: 95160

Ion Ratio Lower Upper

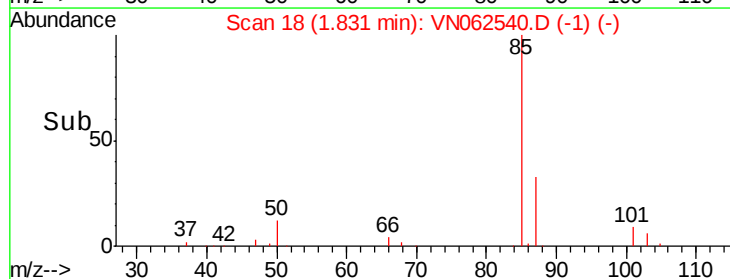
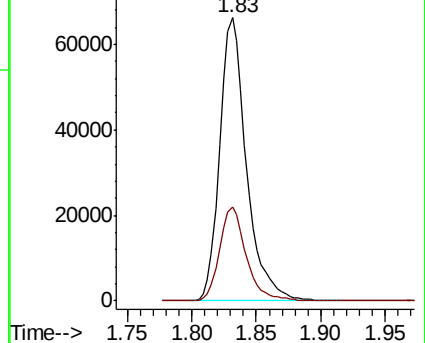
85 100

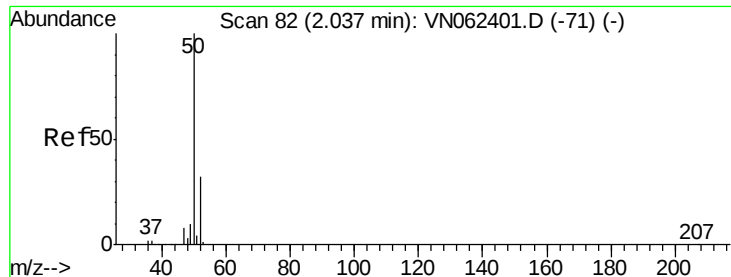
87 33.1 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 42.002 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

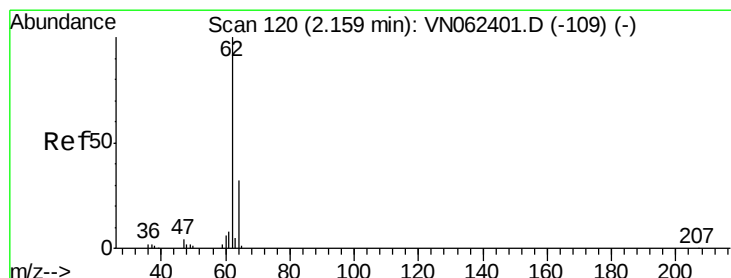
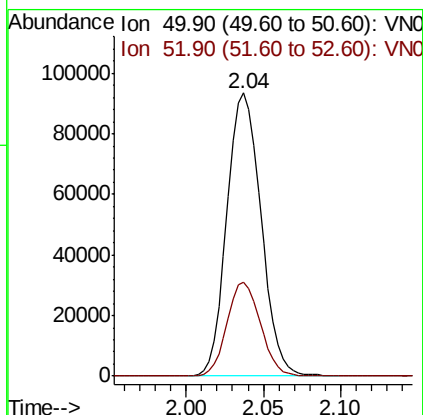
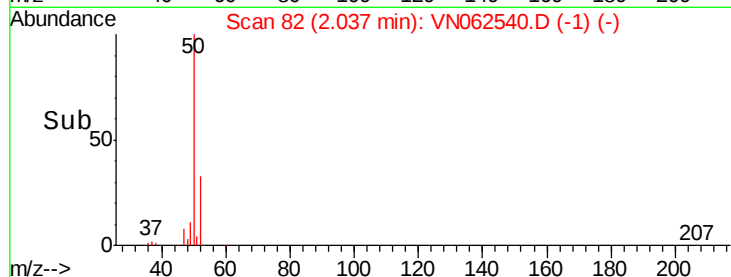
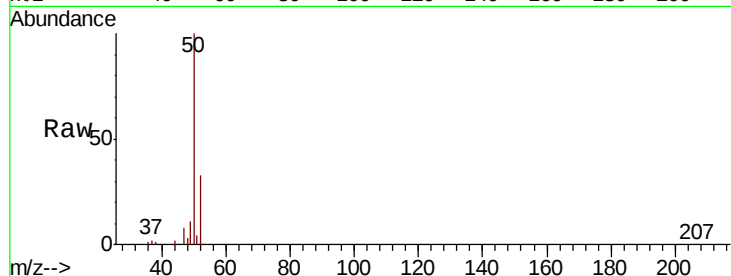
VSTDCCC050EC

Tot Ion: 50 Resp: 143388

Ion Ratio Lower Upper

50 100

52 33.4 25.5 38.3



#4

Vinyl Chloride

Concen: 45.166 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062540.D

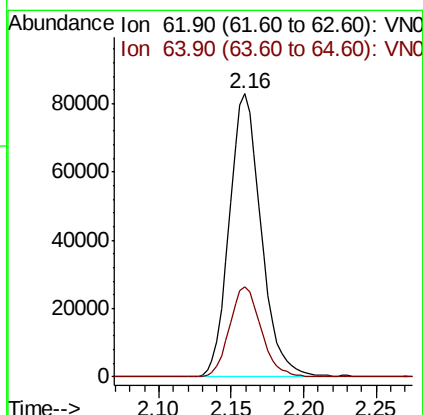
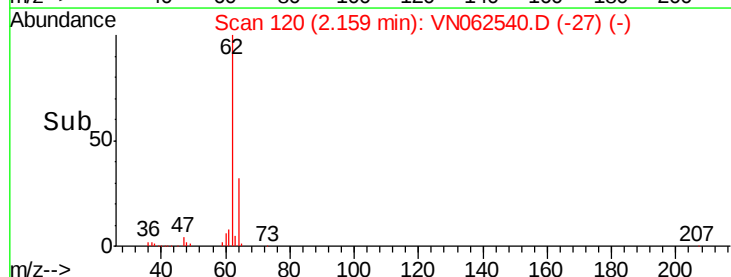
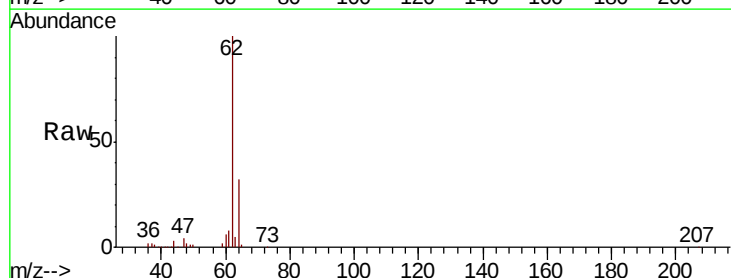
Acq: 15 Jul 2020 16:56

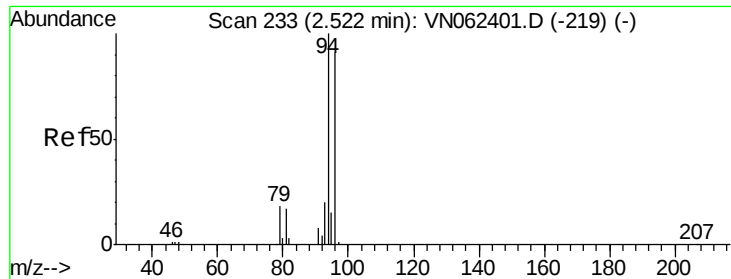
Tgt Ion: 62 Resp: 126323

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5





#5

Bromomethane

Concen: 37.737 ug/l m

RT: 2.51 min Scan# 229

Delta R.T. -0.01 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

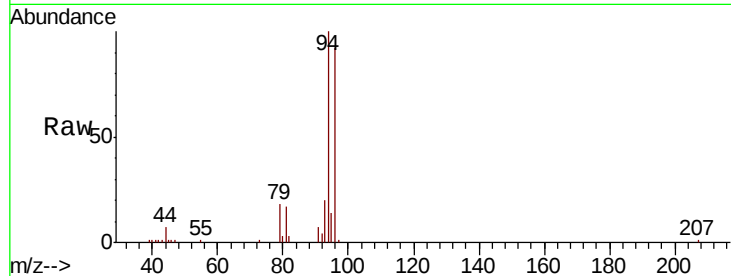
VSTDCCC050EC

Tot Ion: 94 Resp: 56685

Ion Ratio Lower Upper

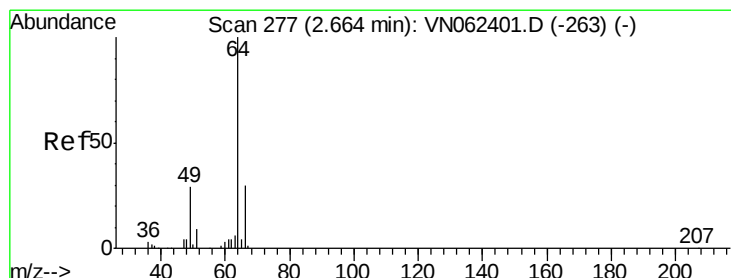
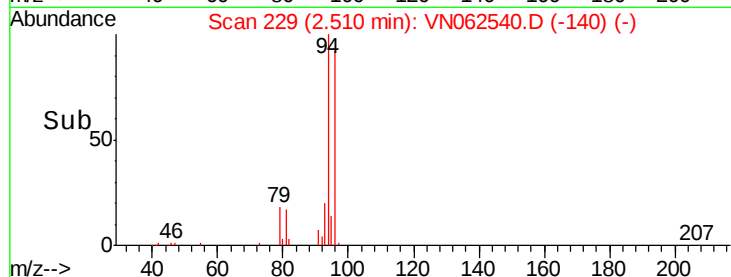
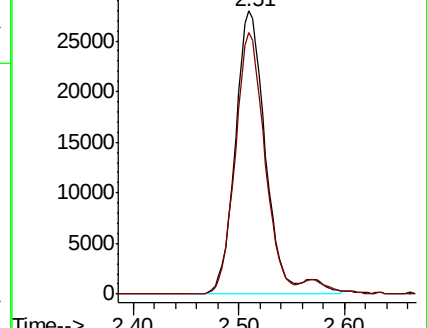
94 100

96 92.4 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VN062540.D (-219) (-)

Ion 95.90 (95.60 to 96.60): VN062540.D (-219) (-)



#6

Chloroethane

Concen: 38.218 ug/l

RT: 2.66 min Scan# 275

Delta R.T. -0.01 min

Lab File: VN062540.D

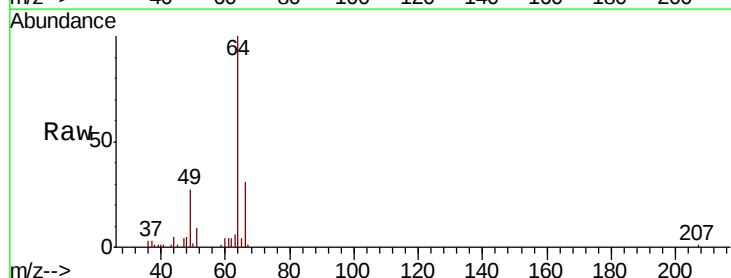
Acq: 15 Jul 2020 16:56

Tgt Ion: 64 Resp: 62256

Ion Ratio Lower Upper

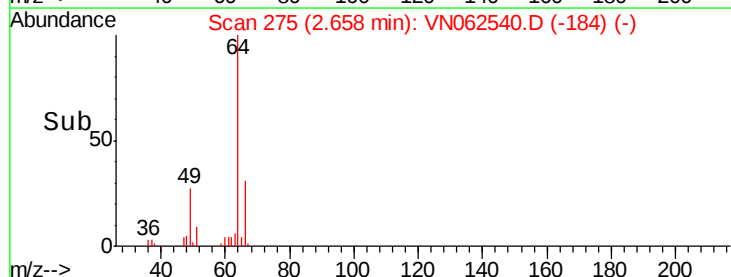
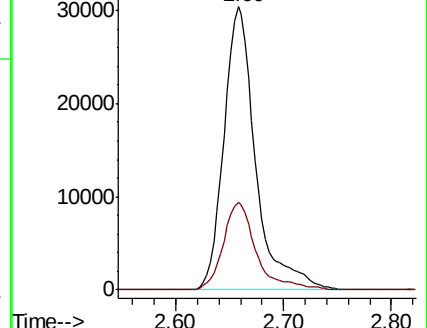
64 100

66 30.8 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN062540.D (-263) (-)

Ion 65.90 (65.60 to 66.60): VN062540.D (-263) (-)



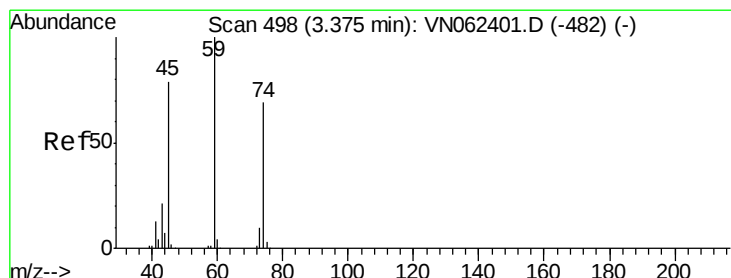
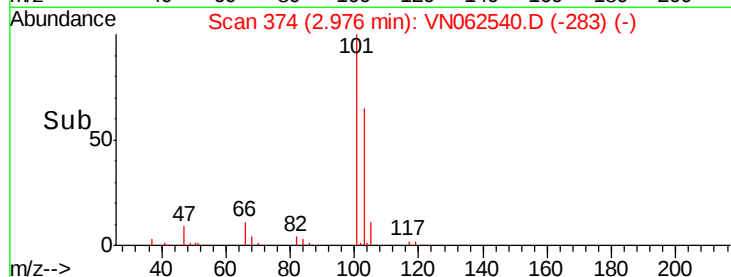
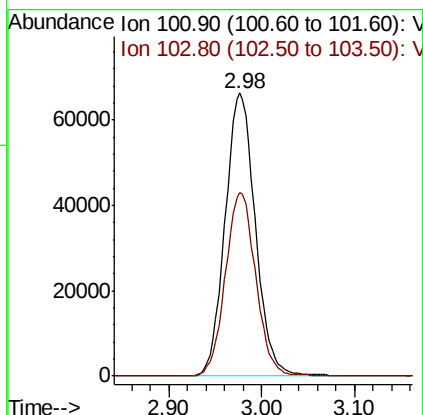
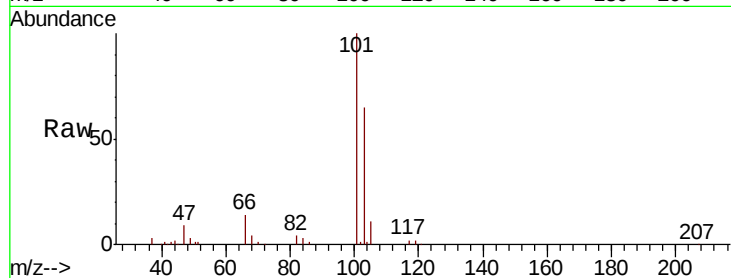


#7

Trichlorofluoromethane
Concen: 42.195 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.01 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

Instrument :
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VSTDCCC050EC

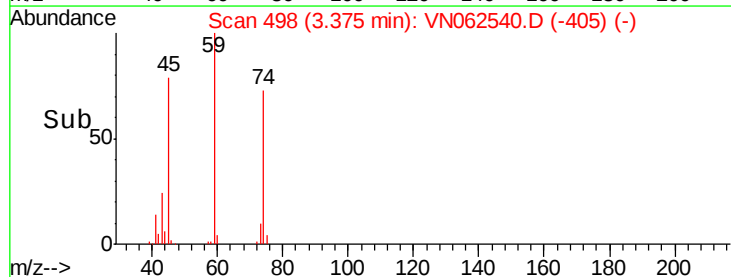
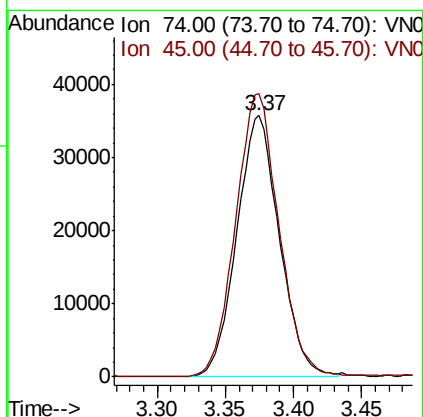
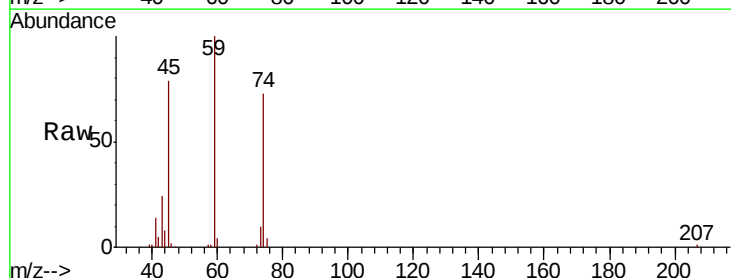
Tot Ion:101 Resp: 149883
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4

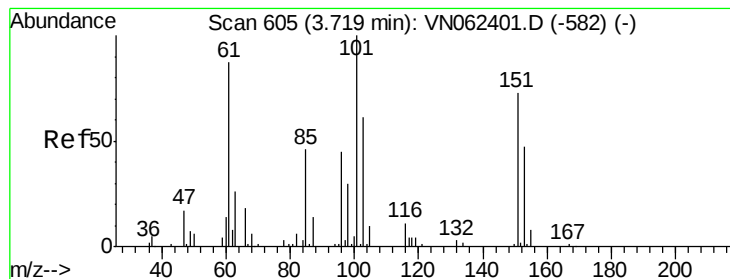


#8

Diethyl Ether
Concen: 48.865 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

Tgt Ion: 74 Resp: 77616
Ion Ratio Lower Upper
74 100
45 110.5 58.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.618 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

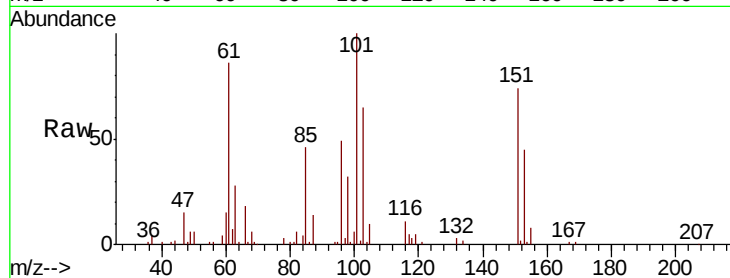
Tot Ion:101 Resp: 102376

Ion Ratio Lower Upper

101 100

85 46.1 36.7 55.1

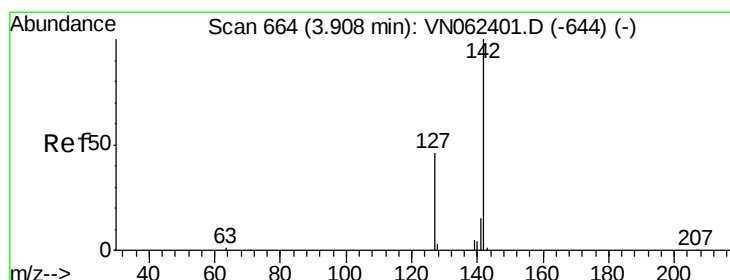
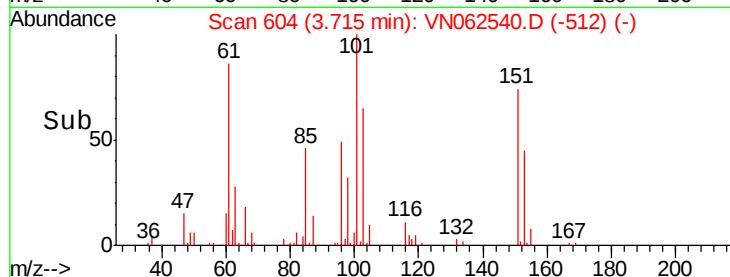
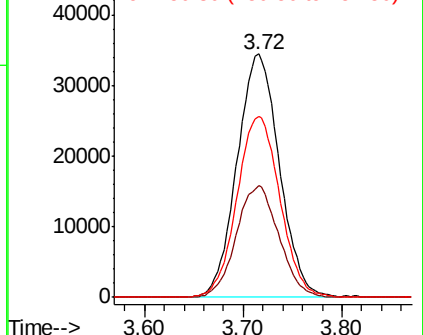
151 75.4 58.3 87.5



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: 47.152 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

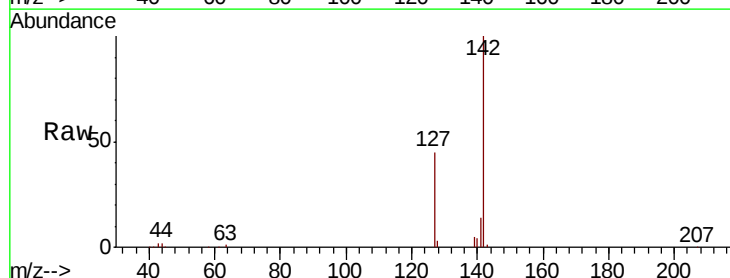
Tgt Ion:142 Resp: 131100

Ion Ratio Lower Upper

142 100

127 46.3 36.1 54.1

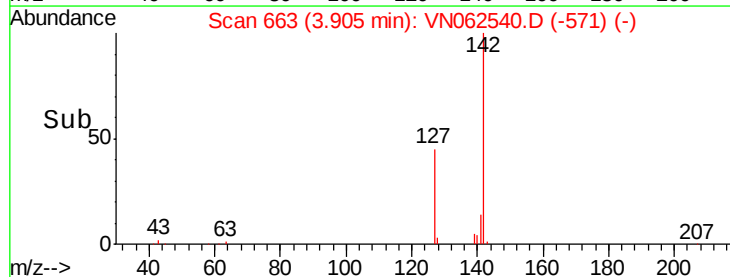
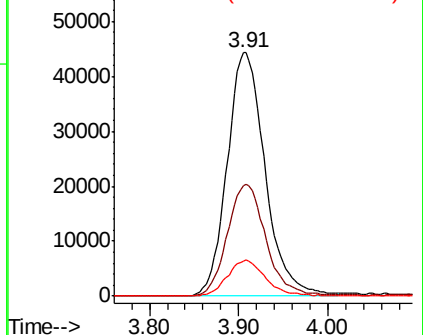
141 14.7 11.4 17.0

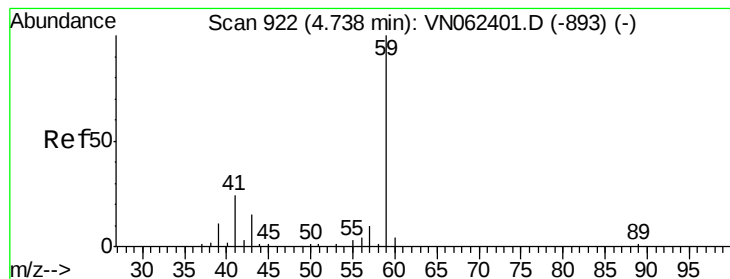


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



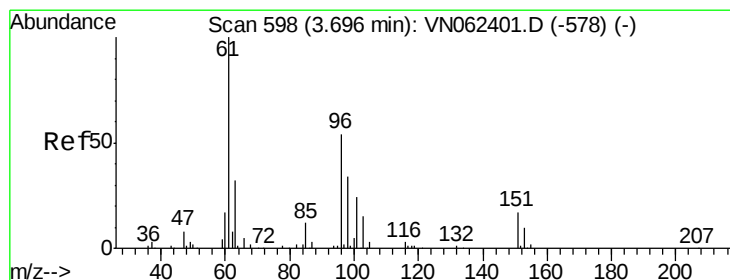
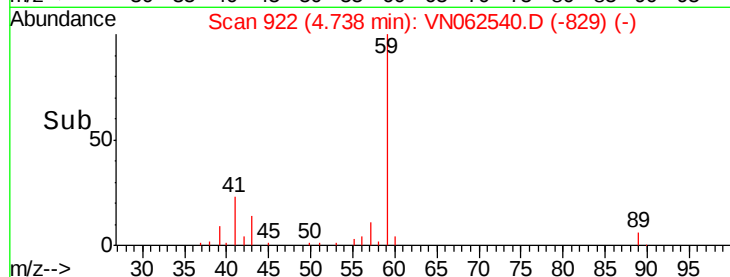
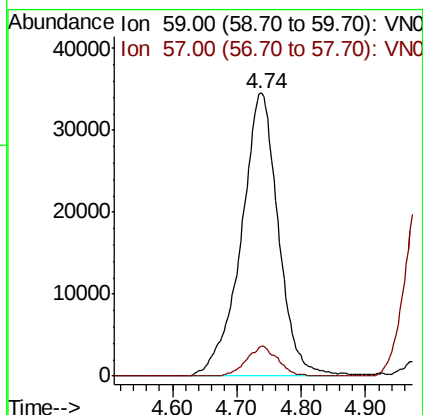
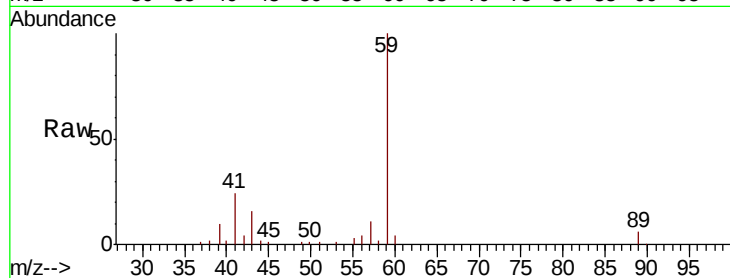


#11

Tert butyl alcohol
 Concen: 260.226 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

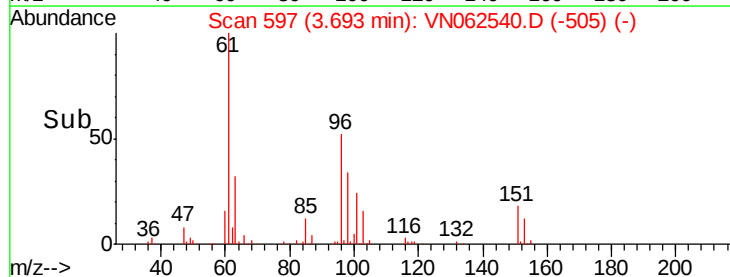
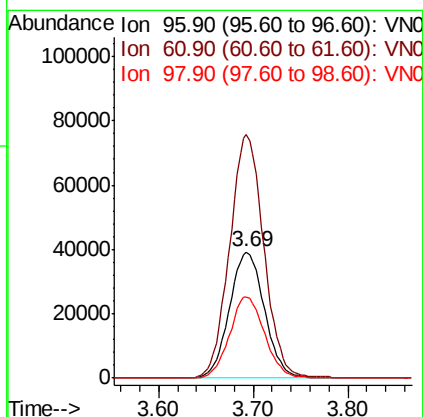
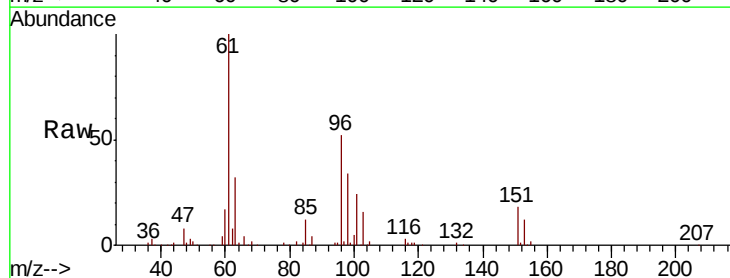
Tot Ion: 59 Resp: 138684
 Ion Ratio Lower Upper
 59 100
 57 8.9 7.8 11.6

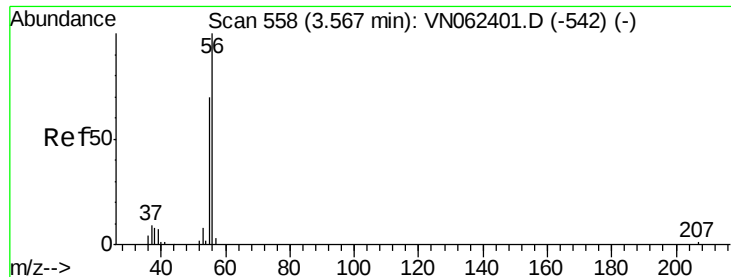


#12

1,1-Dichloroethene
 Concen: 47.241 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

Tgt Ion: 96 Resp: 101278
 Ion Ratio Lower Upper
 96 100
 61 193.1 147.4 221.0
 98 64.8 50.4 75.6

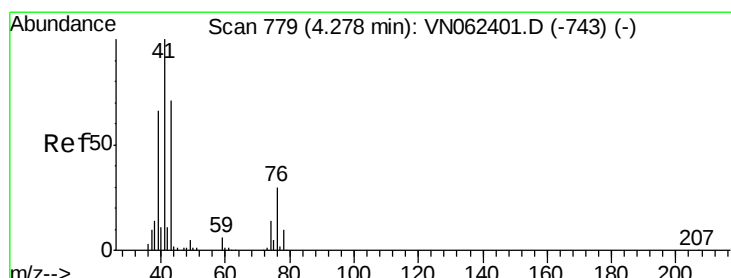
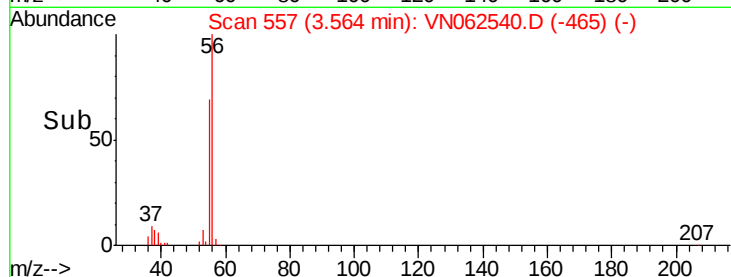
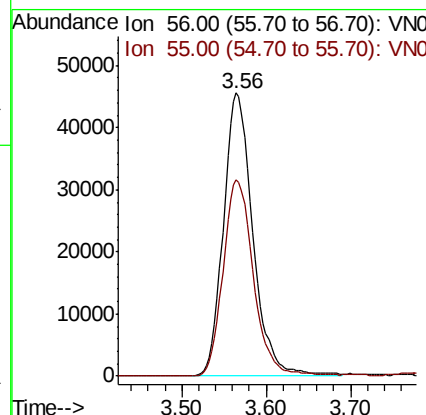
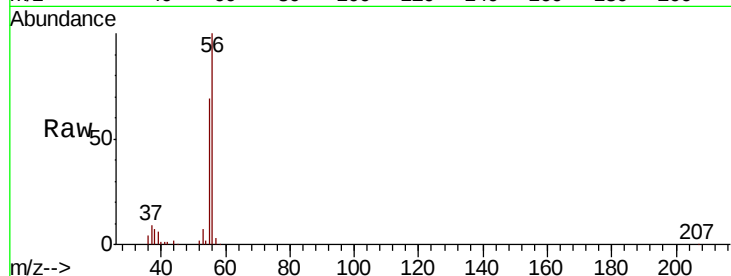




#13
Acrolein
Concen: 287.763 ug/l
RT: 3.56 min Scan# 557
Delta R.T. -0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

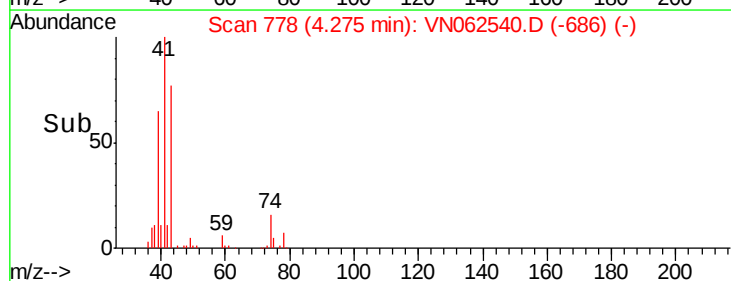
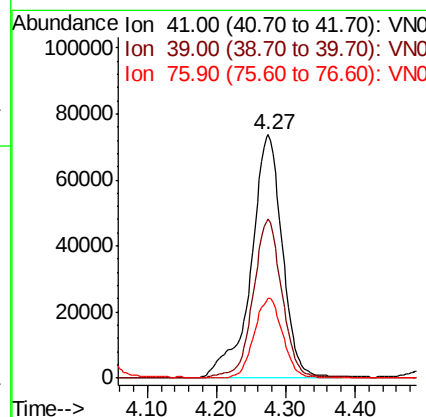
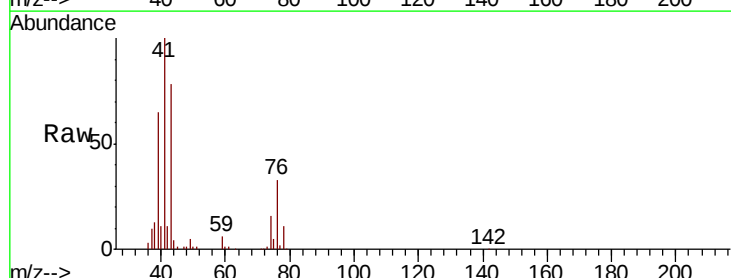
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

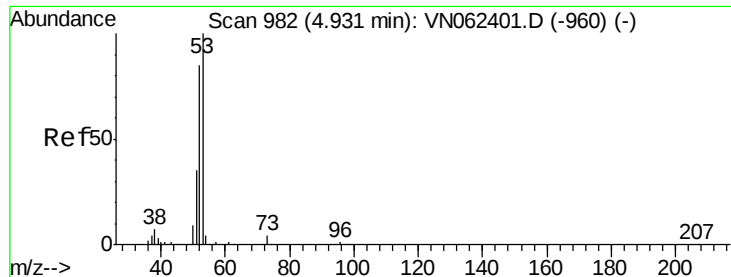
Tot Ion: 56 Resp: 110630
Ion Ratio Lower Upper
56 100
55 71.1 57.2 85.8



#14
Allyl chloride
Concen: 45.671 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

Tgt Ion: 41 Resp: 230280
Ion Ratio Lower Upper
41 100
39 60.4 49.6 74.4
76 30.1 22.2 33.4





#15

Acrylonitrile

Concen: 250.284 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

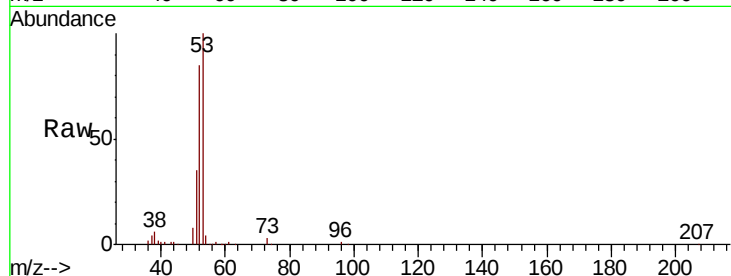
Tot Ion: 53 Resp: 349825

Ion Ratio Lower Upper

53 100

52 83.2 66.2 99.4

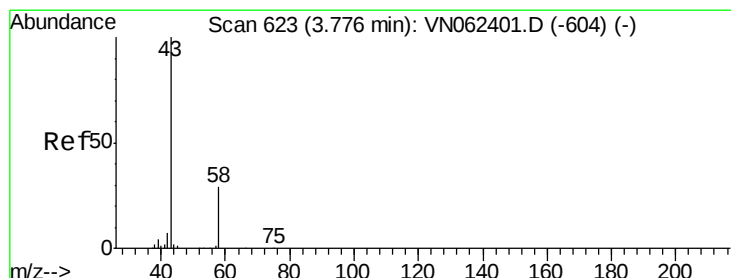
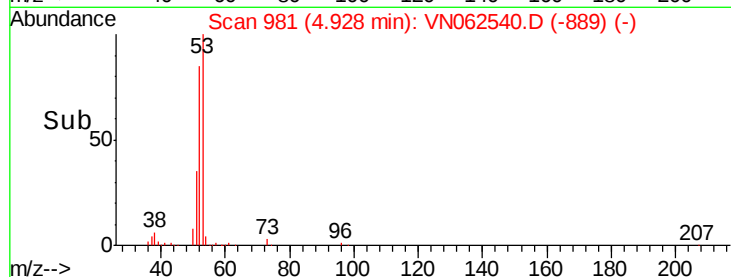
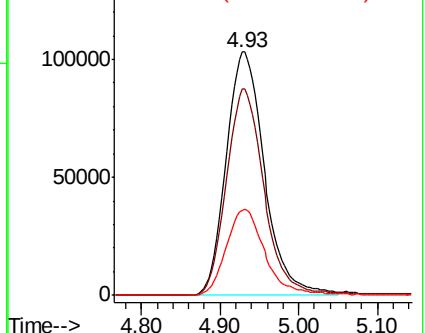
51 35.9 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VN062540.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN062540.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN062540.D (-960) (-)



#16

Acetone

Concen: 202.075 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062540.D

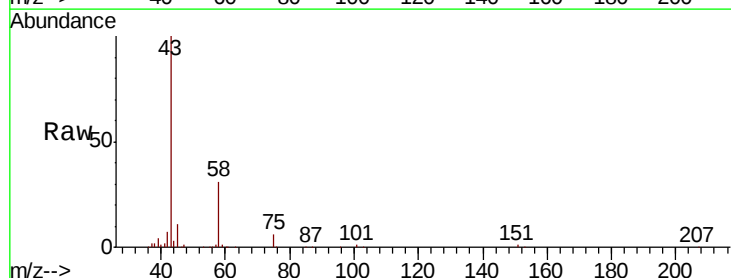
Acq: 15 Jul 2020 16:56

Tgt Ion: 43 Resp: 275628

Ion Ratio Lower Upper

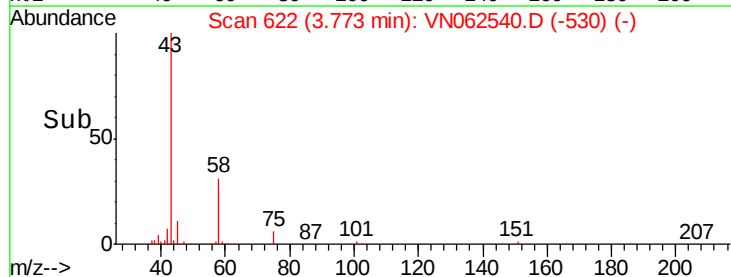
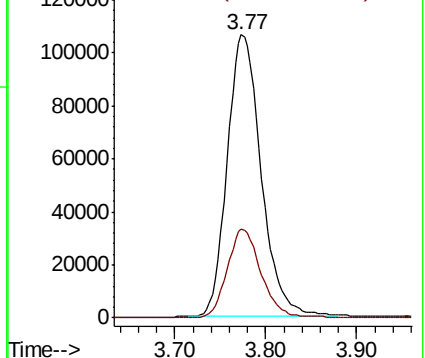
43 100

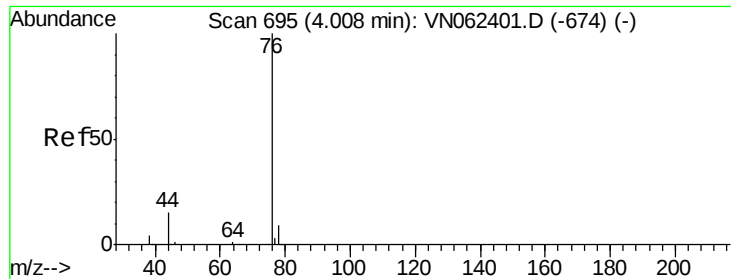
58 31.3 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VN062540.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN062540.D (-530) (-)

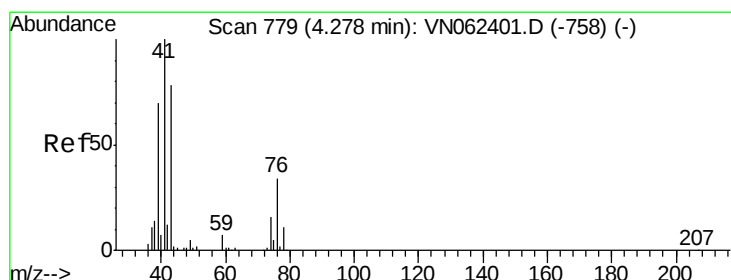
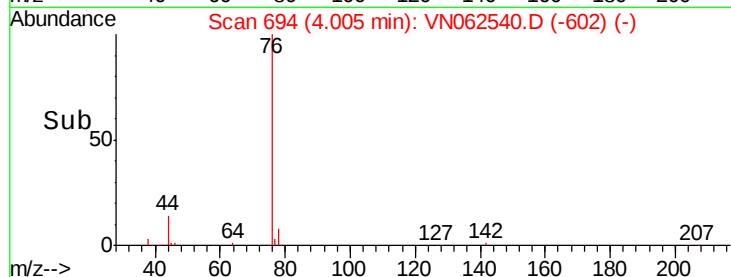
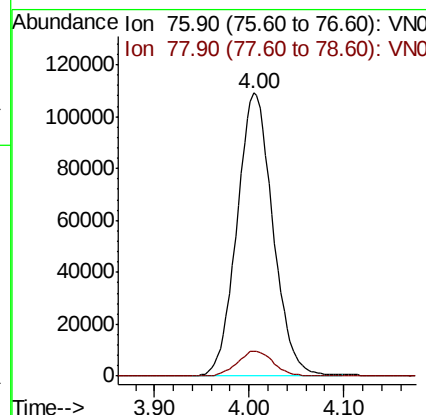
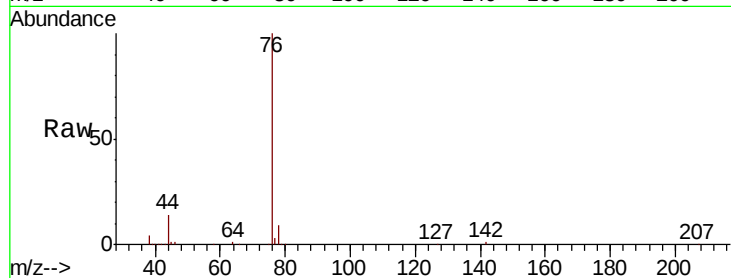




#17
Carbon Disulfide
Concen: 42.928 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

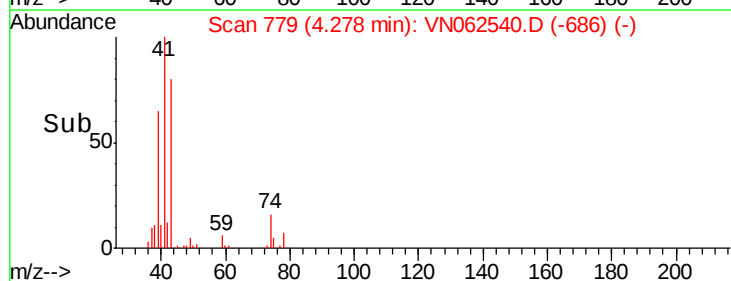
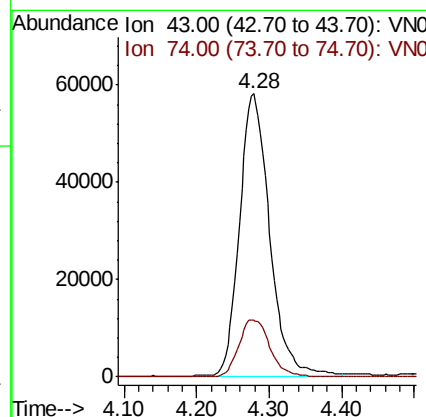
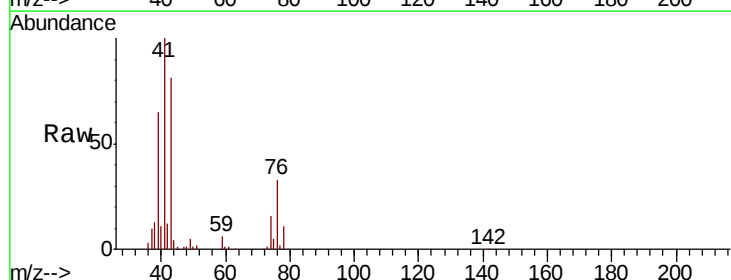
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

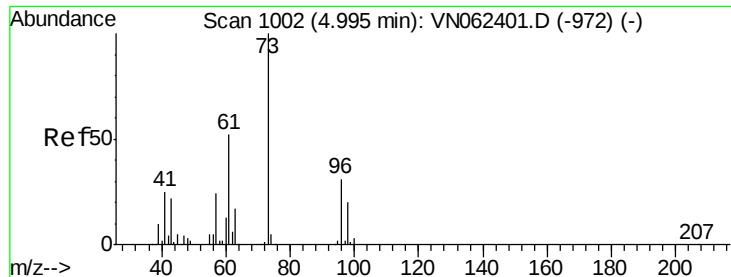
Tot Ion: 76 Resp: 288383
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 49.206 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

Tgt Ion: 43 Resp: 167494
Ion Ratio Lower Upper
43 100
74 20.9 16.0 24.0

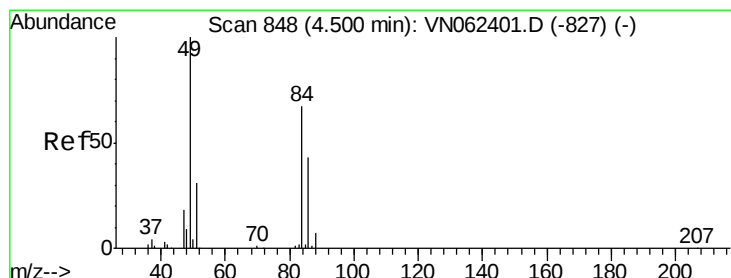
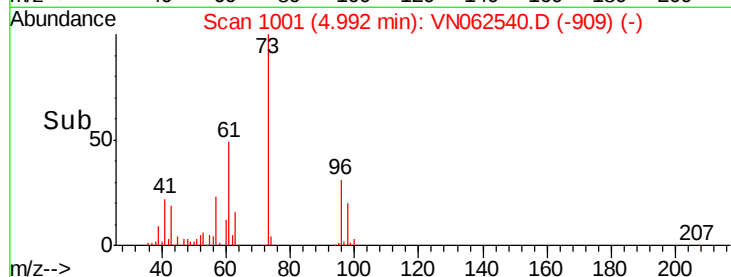
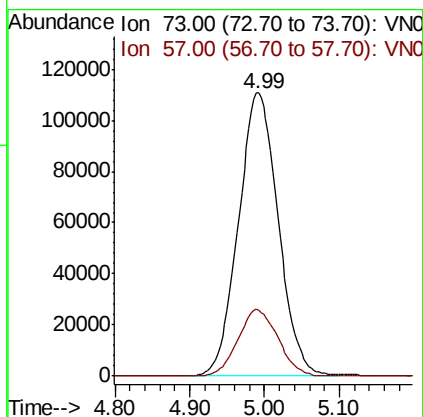
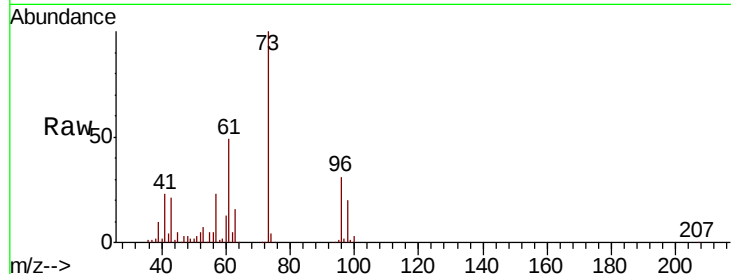




#19
Methyl tert-butyl Ether
Concen: 50.415 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

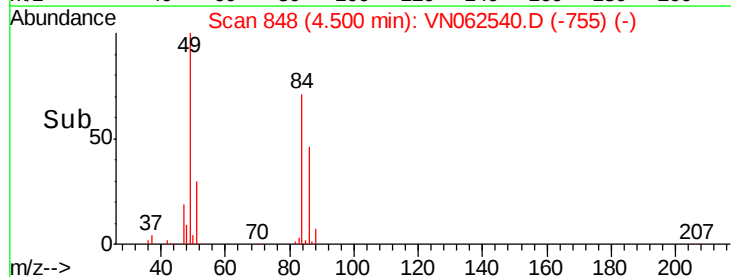
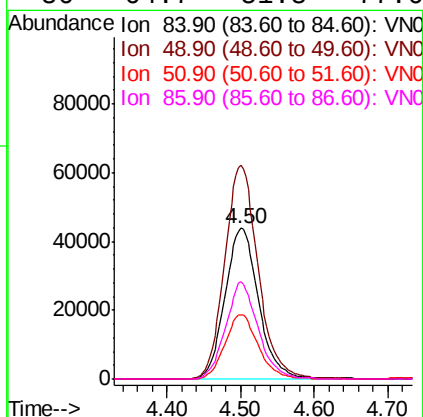
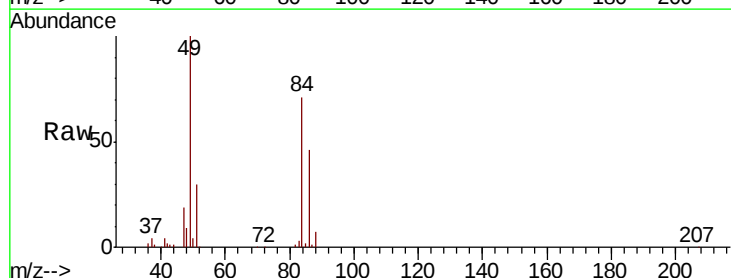
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

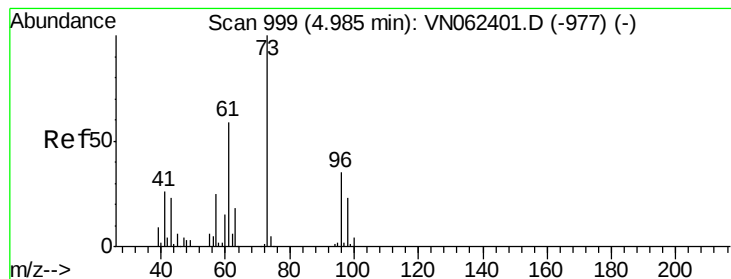
Tot Ion: 73 Resp: 409780
Ion Ratio Lower Upper
73 100
57 23.0 19.4 29.0



#20
Methylene Chloride
Concen: 47.646 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

Tgt Ion: 84 Resp: 138951
Ion Ratio Lower Upper
84 100
49 141.6 120.0 180.0
51 42.8 37.0 55.6
86 64.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 48.087 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

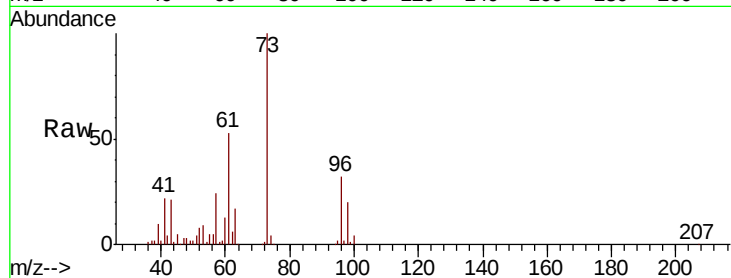
Tot Ion: 96 Resp: 111685

Ion Ratio Lower Upper

96 100

61 163.7 133.5 200.3

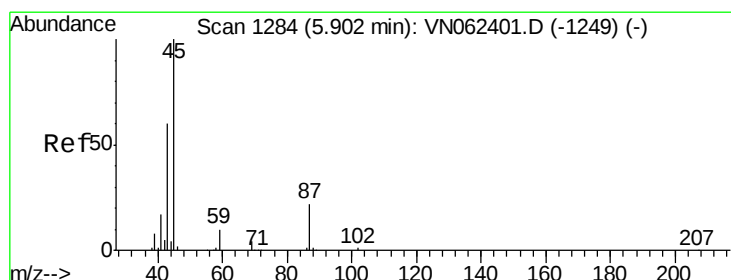
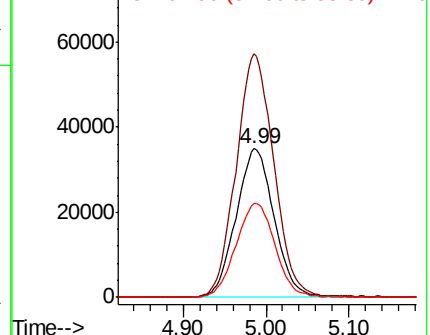
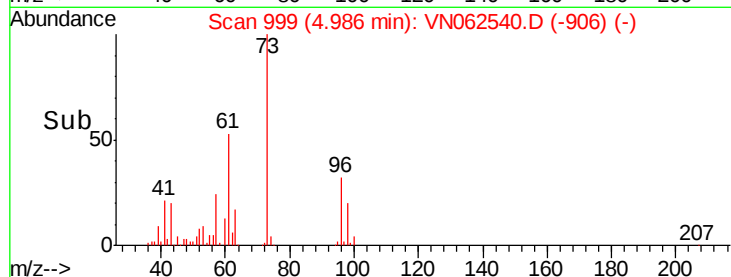
98 63.2 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VN062540.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN062540.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN062540.D (-906) (-)



#22

Diisopropyl ether

Concen: 48.565 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

Tgt Ion: 45 Resp: 483789

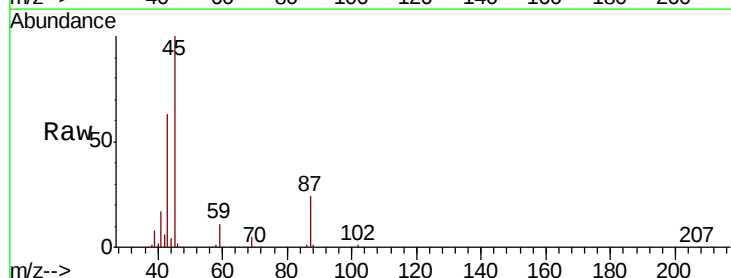
Ion Ratio Lower Upper

45 100

43 60.7 50.1 75.1

87 24.1 18.2 27.4

59 10.9 8.2 12.2

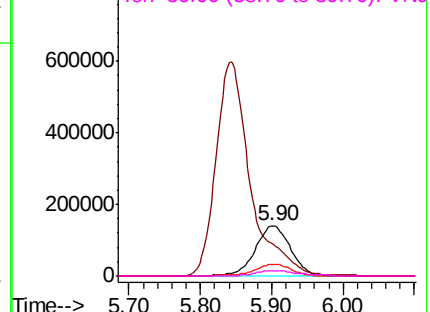
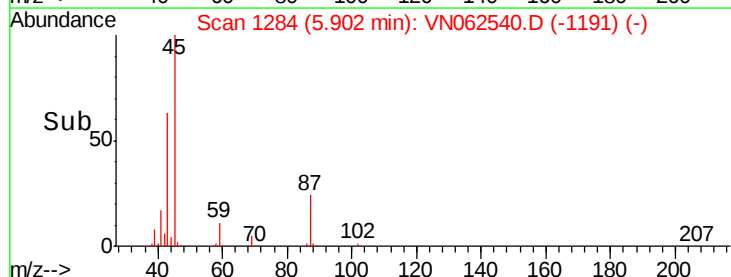


Abundance Ion 45.00 (44.70 to 45.70): VN062540.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062540.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062540.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062540.D (-1191) (-)





#23

Vinyl Acetate

Concen: 241.997 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

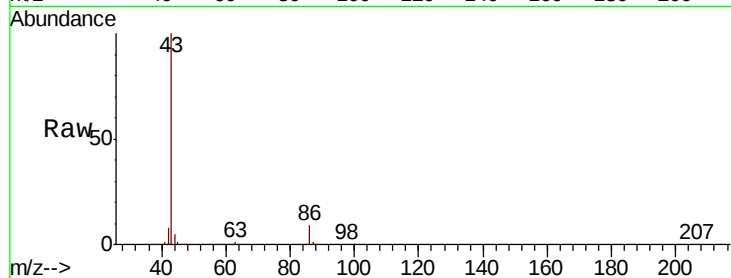
VSTDCCC050EC

Tot Ion: 43 Resp: 1996971

Ion Ratio Lower Upper

43 100

86 8.6 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

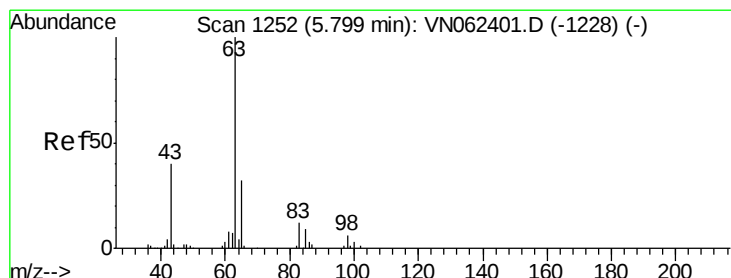
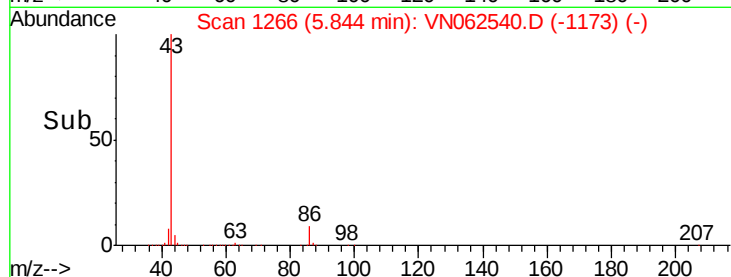
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.160 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

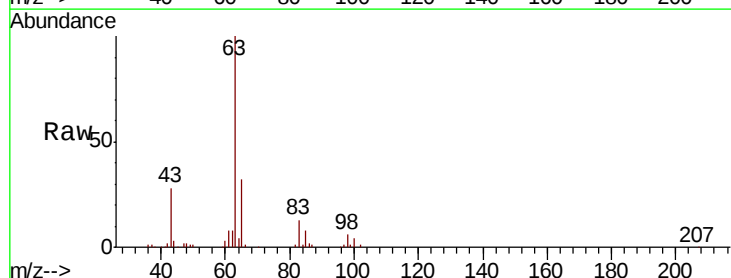
Tgt Ion: 63 Resp: 247908

Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.8

100 3.9 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.80

100000

80000

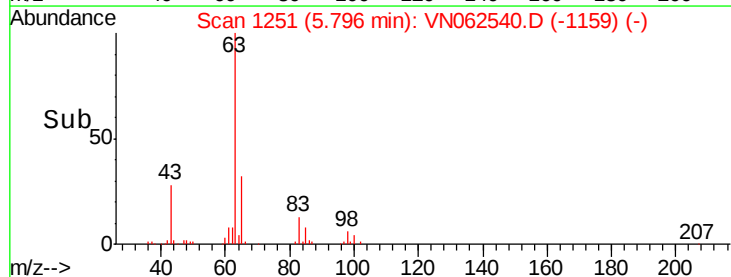
60000

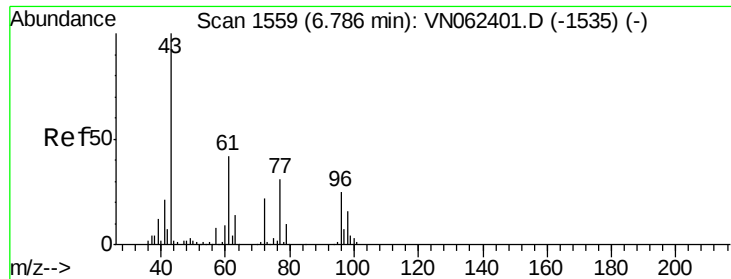
40000

20000

0

Time-->

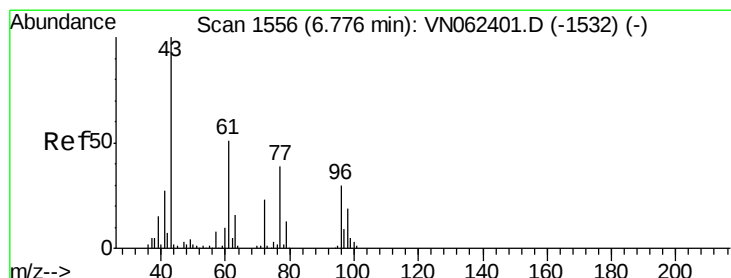
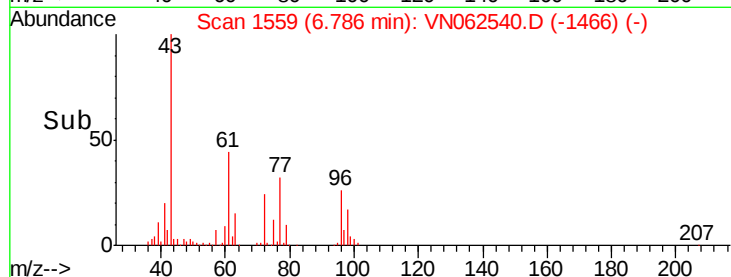
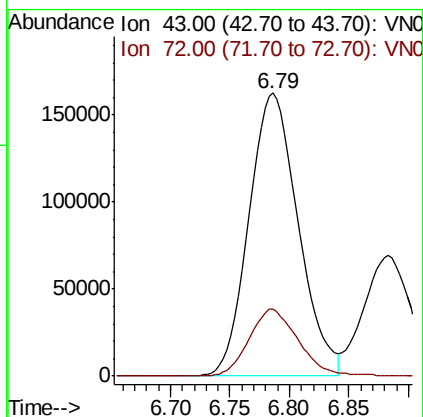
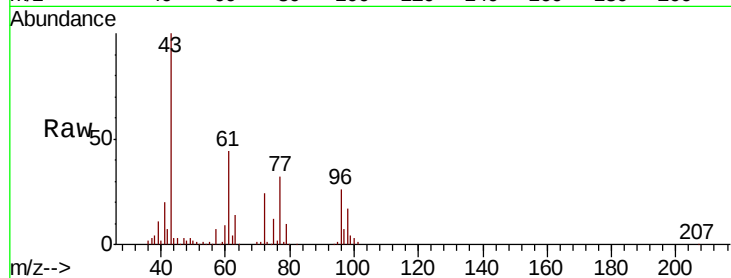




#25
2-Butanone
Concen: 233.694 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

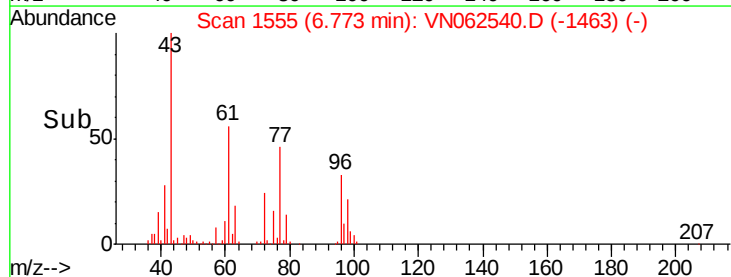
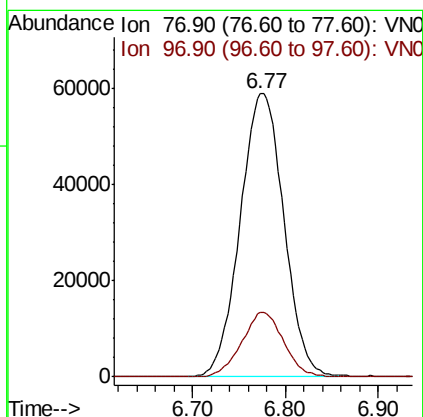
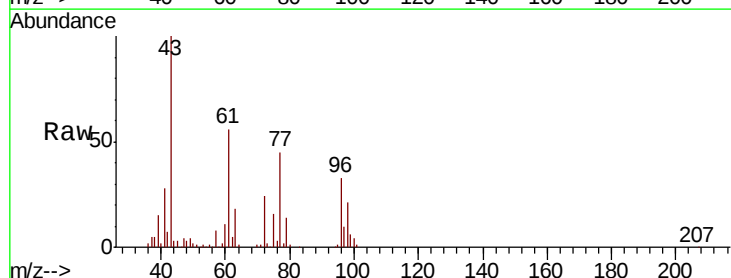
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

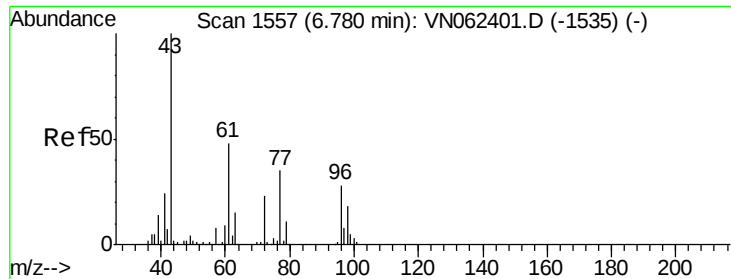
Tot Ion: 43 Resp: 465521
Ion Ratio Lower Upper
43 100
72 23.8 17.9 26.9



#26
2,2-Dichloropropane
Concen: 48.913 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

Tgt Ion: 77 Resp: 193054
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 49.447 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

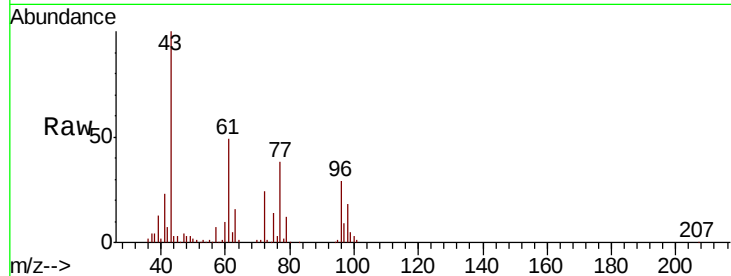
Tot Ion: 96 Resp: 133022

Ion Ratio Lower Upper

96 100

61 169.5 0.0 343.4

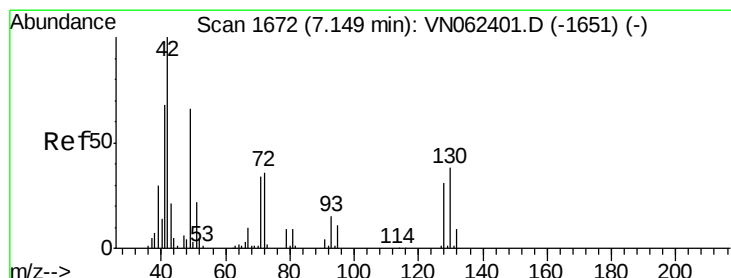
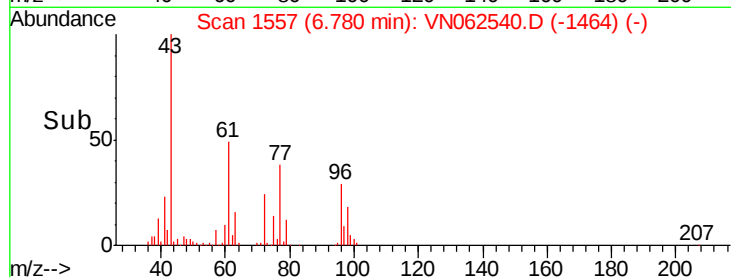
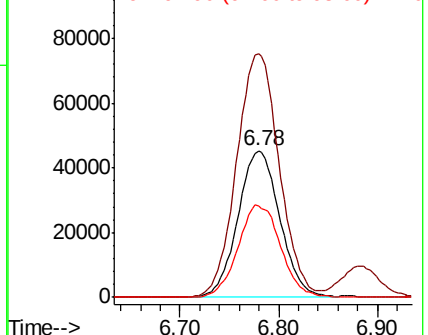
98 63.9 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN062540.D (-1535) (-)

Ion 60.90 (60.60 to 61.60): VN062540.D (-1535) (-)

Ion 97.90 (97.60 to 98.60): VN062540.D (-1535) (-)



#28

Bromochloromethane

Concen: 47.352 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

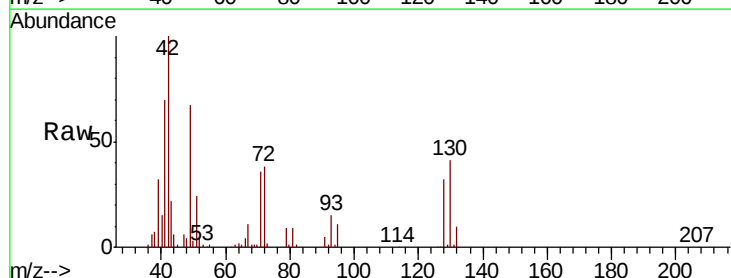
Tgt Ion: 49 Resp: 132426

Ion Ratio Lower Upper

49 100

129 1.6 0.0 2.8

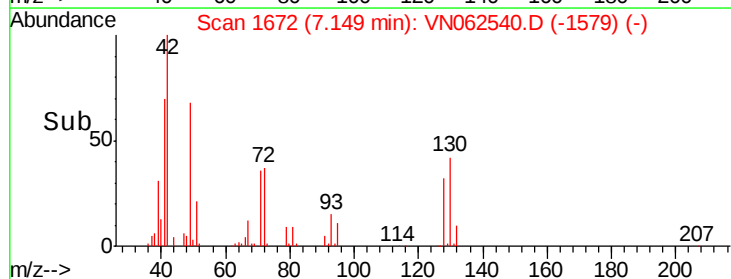
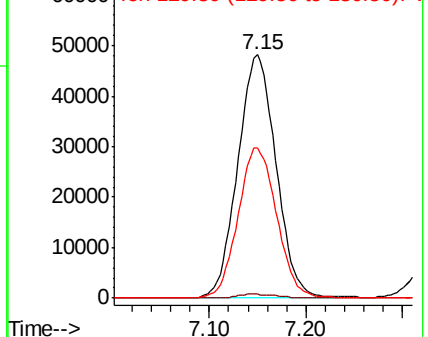
130 62.4 46.5 69.7

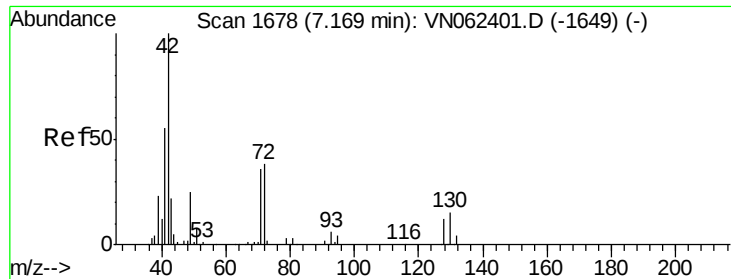


Abundance Ion 48.90 (48.60 to 49.60): VN062540.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062540.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062540.D (-1579) (-)

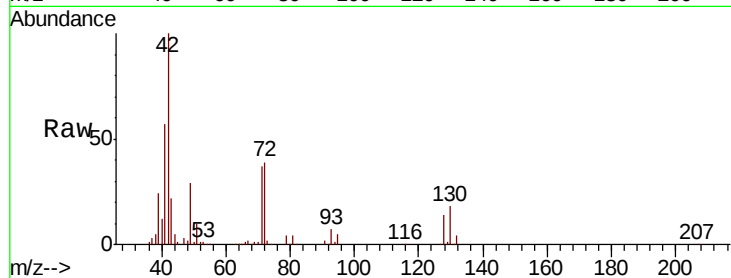




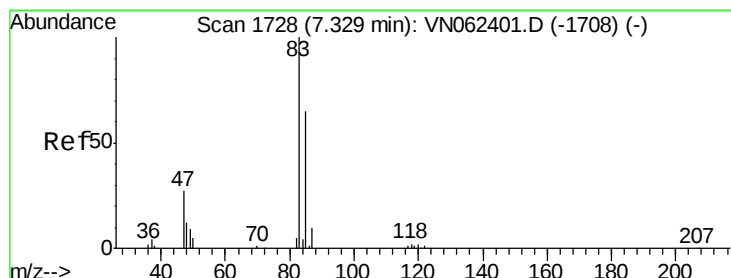
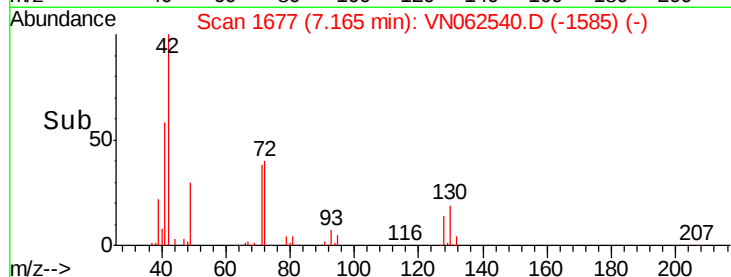
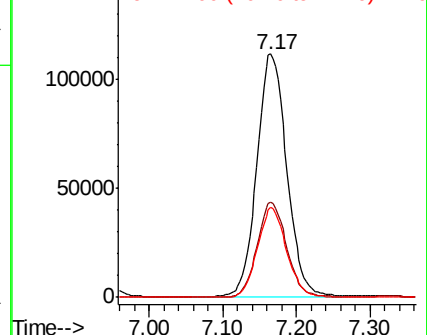
#29
Tetrahydrofuran
Concen: 237.479 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 318491
Ion Ratio Lower Upper
42 100
72 38.3 29.1 43.7
71 35.5 28.1 42.1

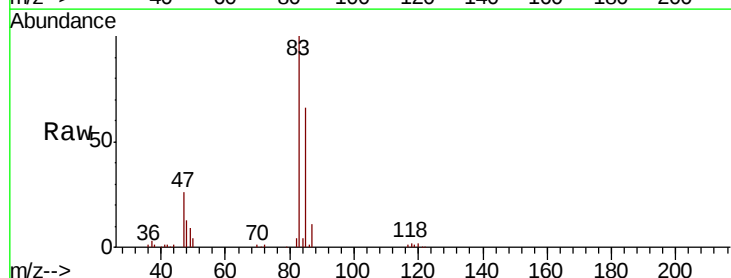


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

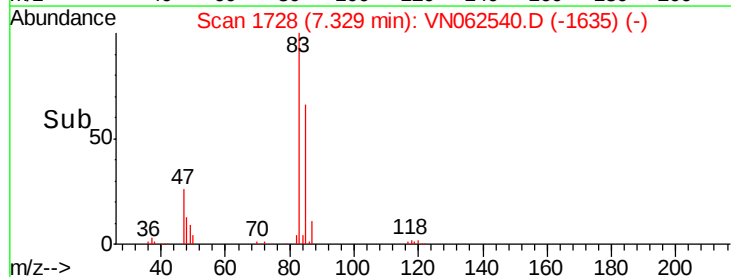
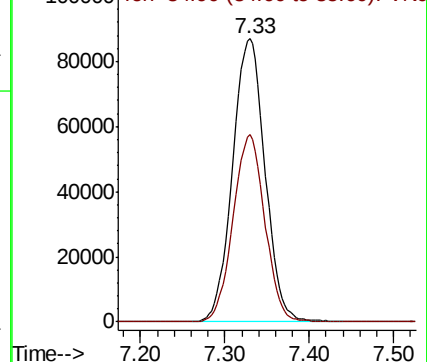


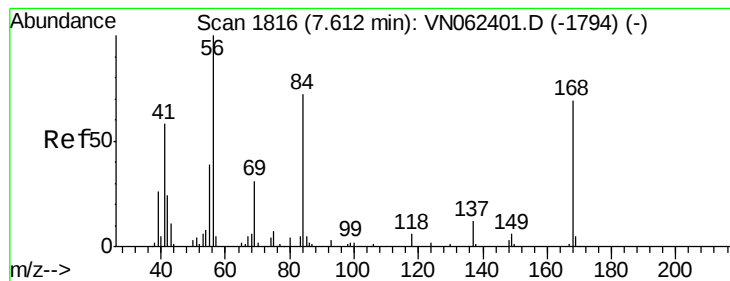
#30
Chloroform
Concen: 50.145 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

Tgt Ion: 83 Resp: 233062
Ion Ratio Lower Upper
83 100
85 66.1 51.8 77.6



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





#31

Cyclohexane

Concen: 43.567 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

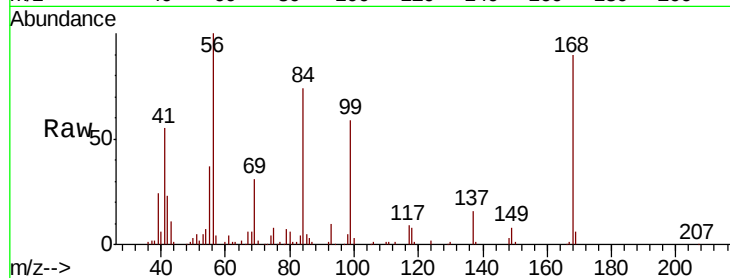
Tot Ion: 56 Resp: 212602

Ion Ratio Lower Upper

56 100

69 31.1 24.5 36.7

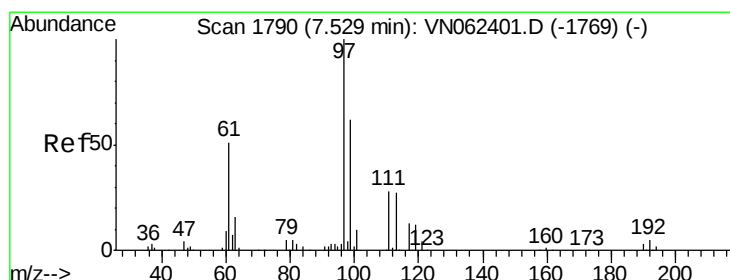
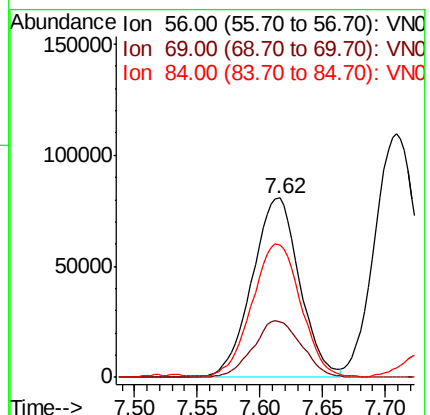
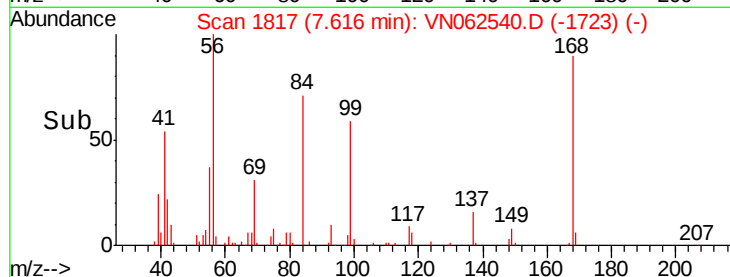
84 73.1 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VN062540.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN062540.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN062540.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 50.219 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

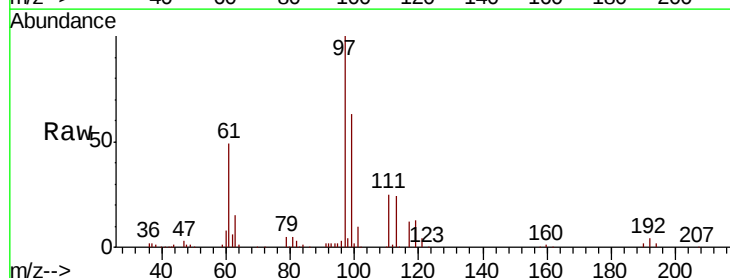
Tgt Ion: 97 Resp: 194151

Ion Ratio Lower Upper

97 100

99 63.1 50.4 75.6

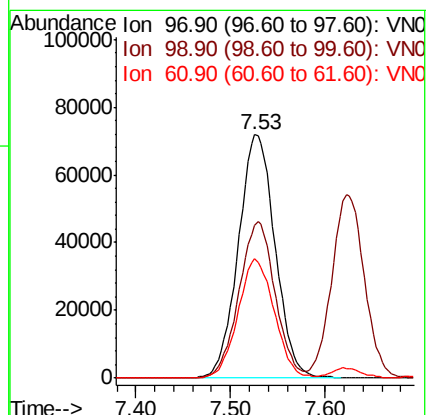
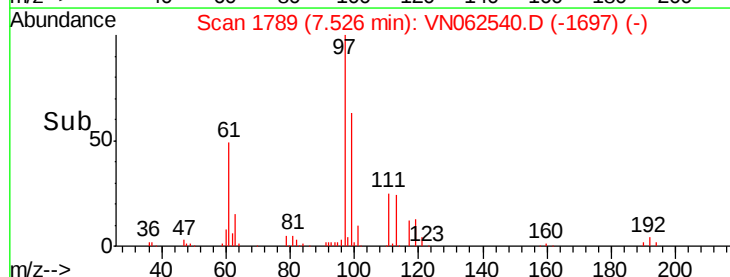
61 48.4 39.9 59.9

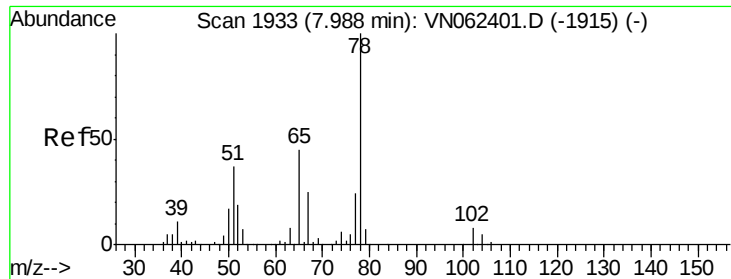


Abundance Ion 96.90 (96.60 to 97.60): VN062540.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062540.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062540.D (-1697) (-)

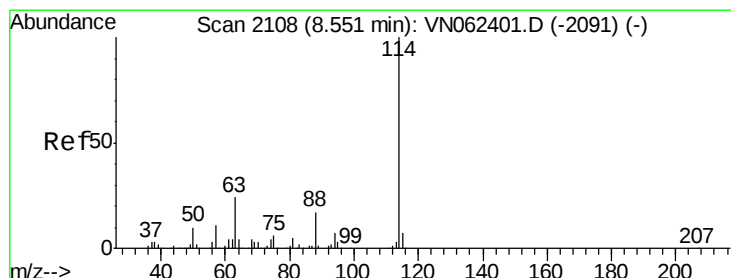
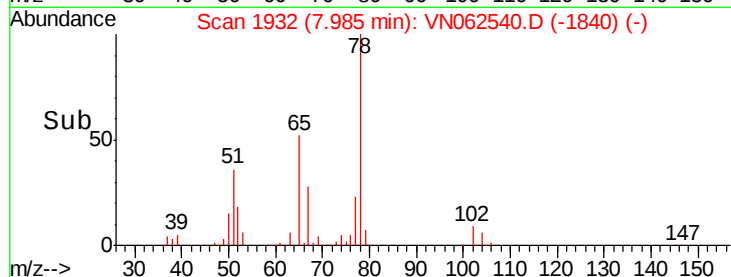
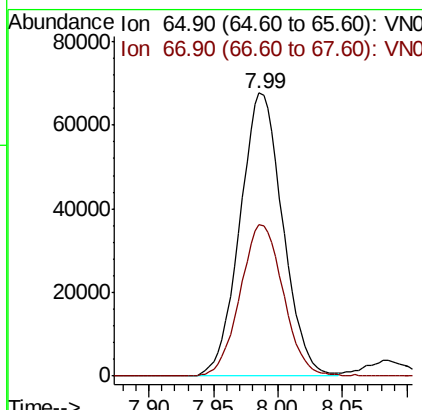
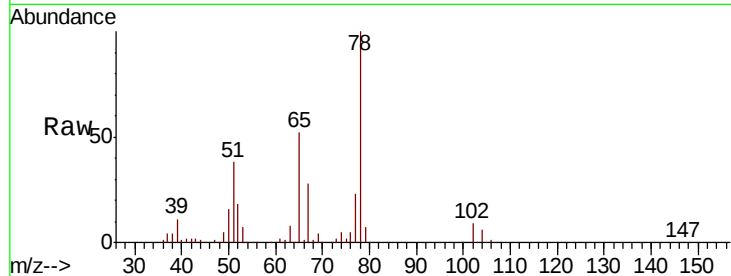




#33
 1,2-Dichloroethane-d4
 Concen: 48.733 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

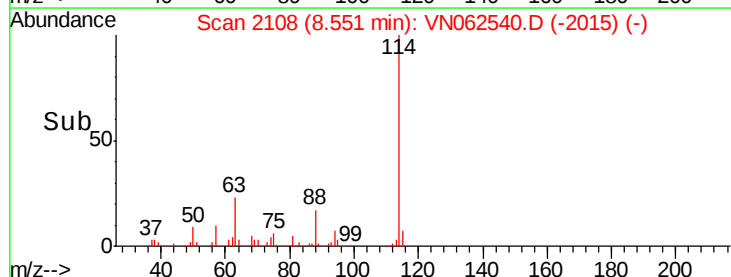
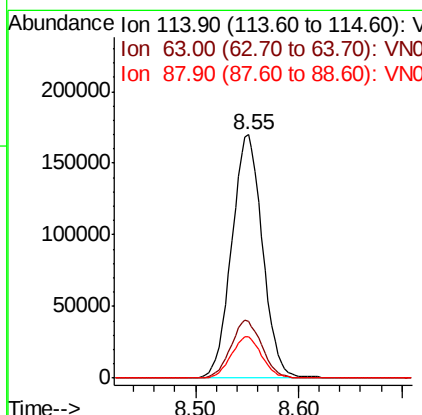
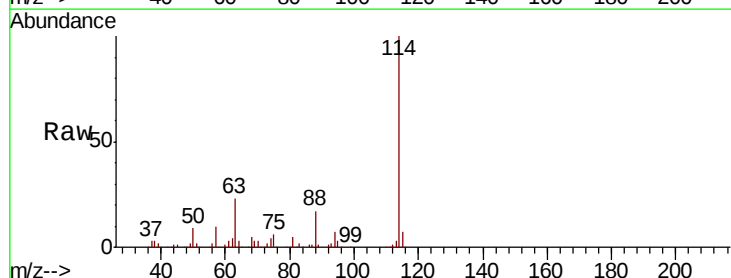
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

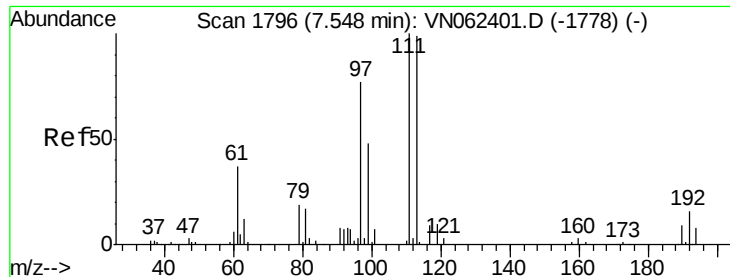
Tot Ion: 65 Resp: 156566
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

Tgt Ion: 114 Resp: 353523
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 48.4
 88 17.2 0.0 33.8

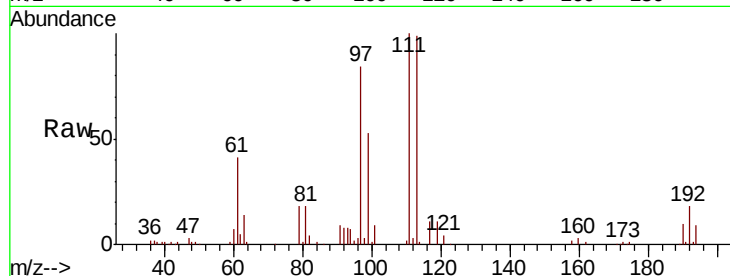




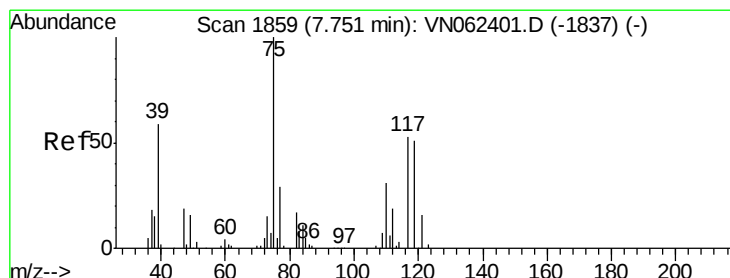
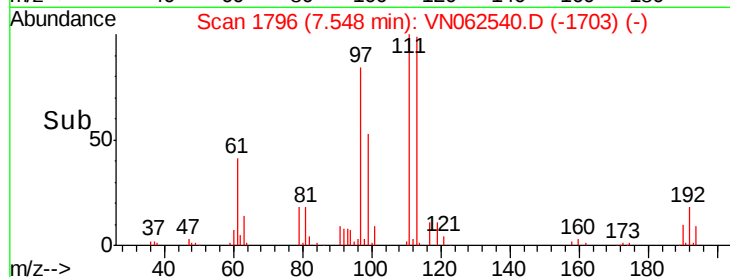
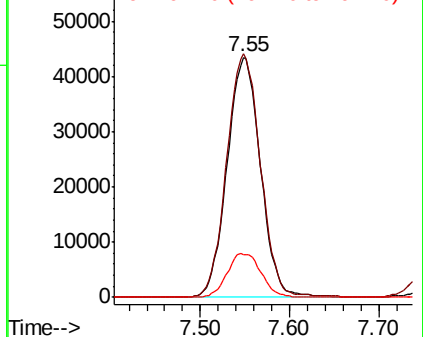
#35
 Dibromofluoromethane
 Concen: 51.460 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 112454
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.1 124.7
 192 18.5 14.1 21.1

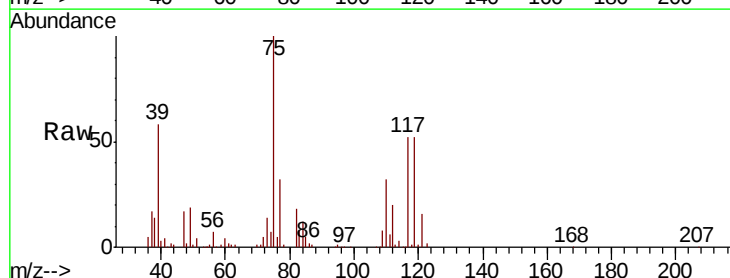


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

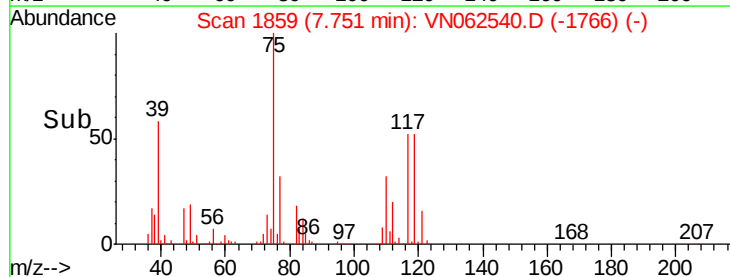
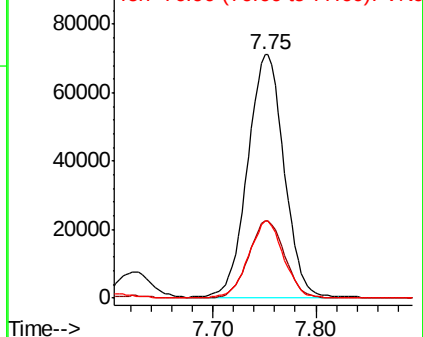


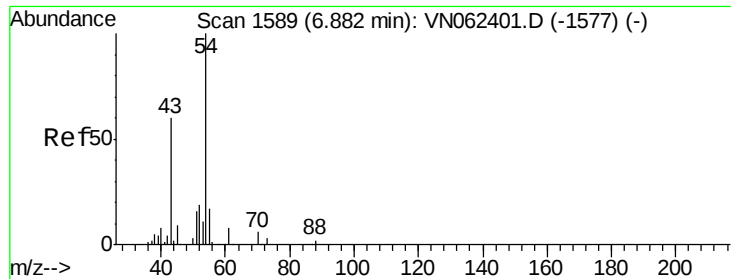
#36
 1,1-Dichloropropene
 Concen: 48.618 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

Tgt Ion: 75 Resp: 173162
 Ion Ratio Lower Upper
 75 100
 110 31.6 15.4 46.2
 77 31.1 24.1 36.1



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

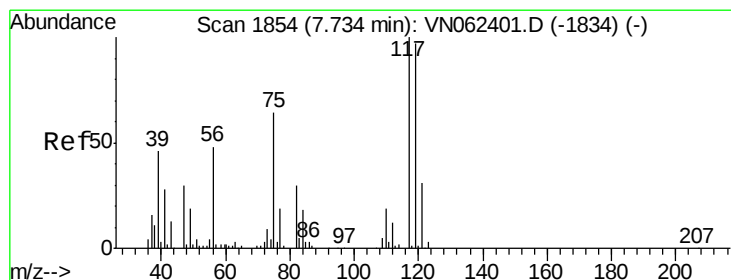
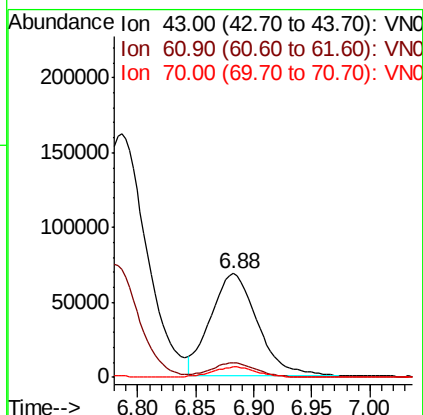
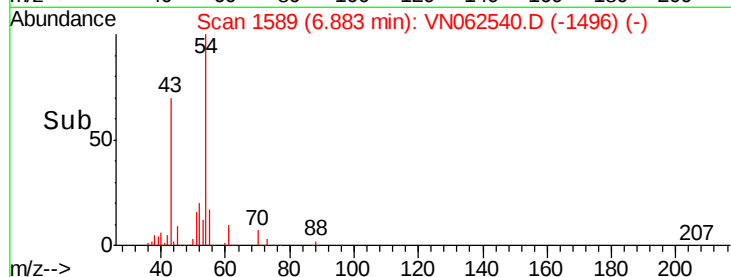
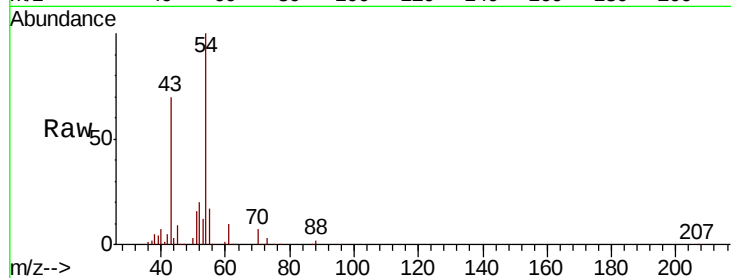




#37
Ethyl Acetate
Concen: 46.292 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

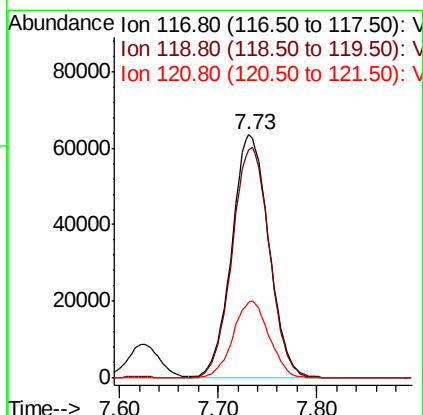
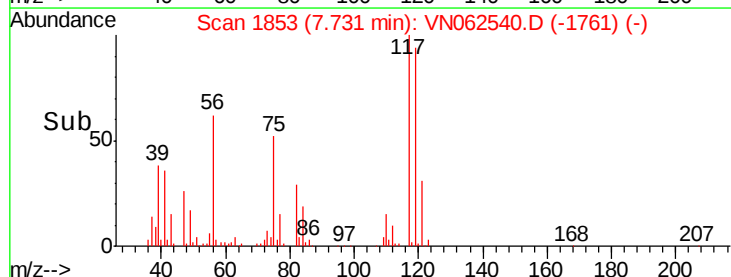
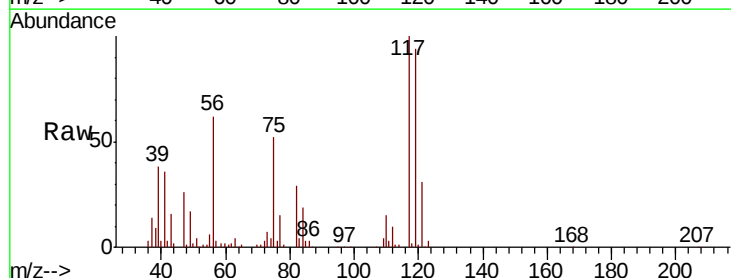
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

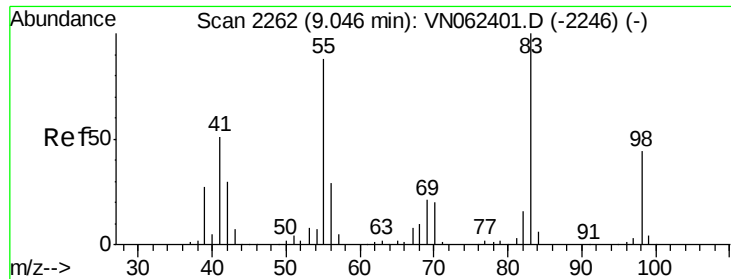
Tot Ion: 43 Resp: 192792
Ion Ratio Lower Upper
43 100
61 13.6 10.7 16.1
70 9.8 7.2 10.8



#38
Carbon Tetrachloride
Concen: 51.486 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

Tgt Ion: 117 Resp: 164862
Ion Ratio Lower Upper
117 100
119 94.0 77.2 115.8
121 31.3 24.8 37.2

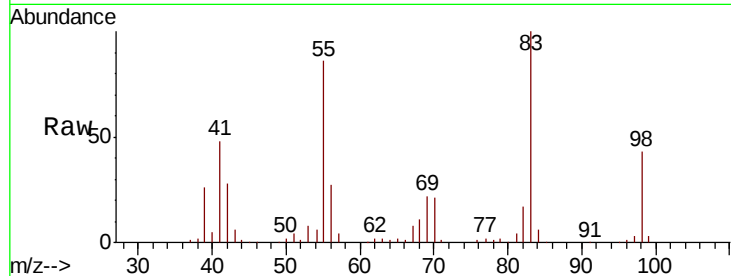




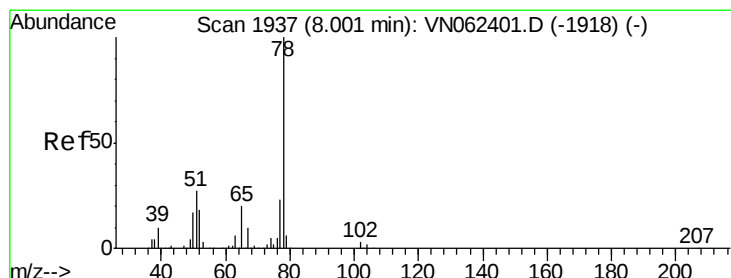
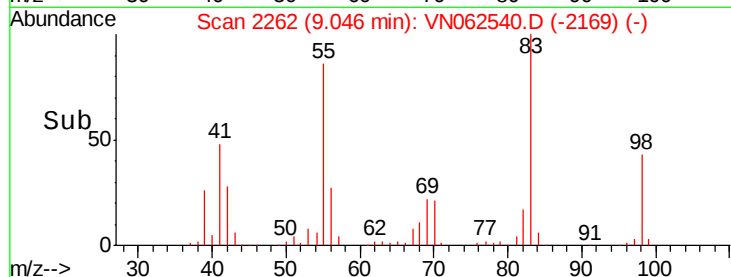
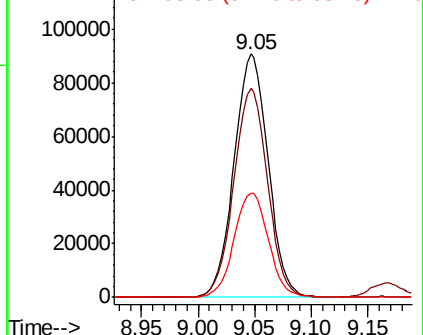
#39
Methvlcvclohexane
Concen: 50.056 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 190335
Ion Ratio Lower Upper
83 100
55 86.0 70.5 105.7
98 42.7 35.5 53.3

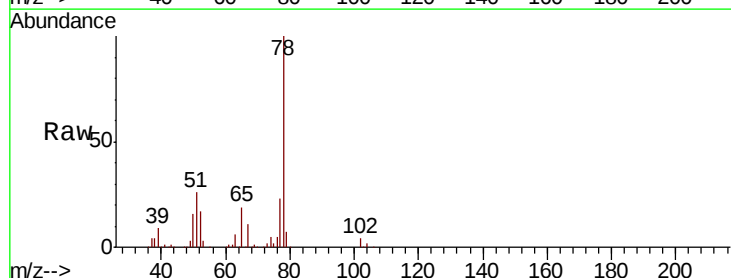


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

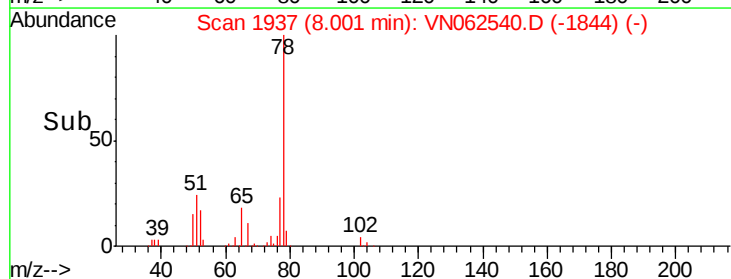
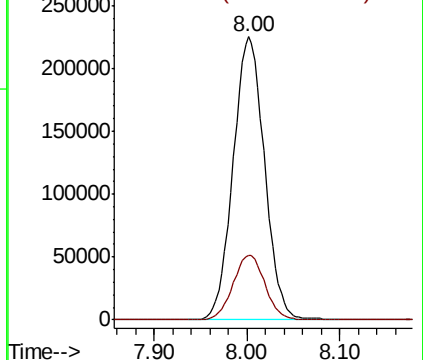


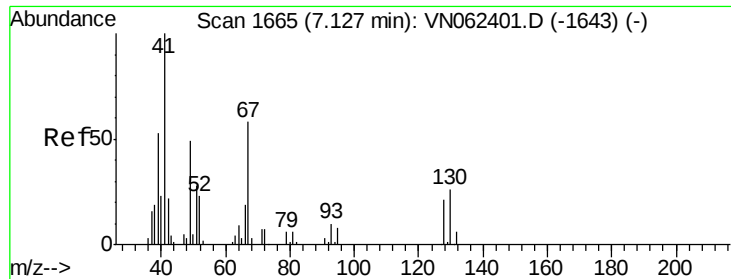
#40
Benzene
Concen: 50.354 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

Tgt Ion: 78 Resp: 528574
Ion Ratio Lower Upper
78 100
77 23.0 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

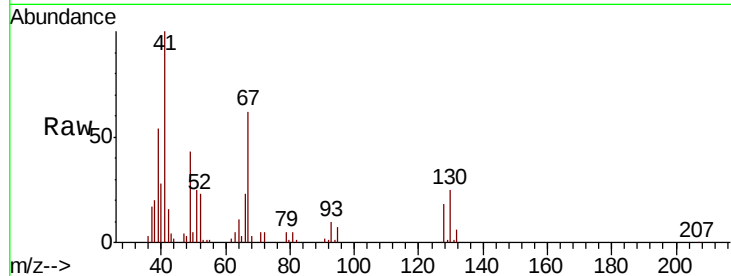




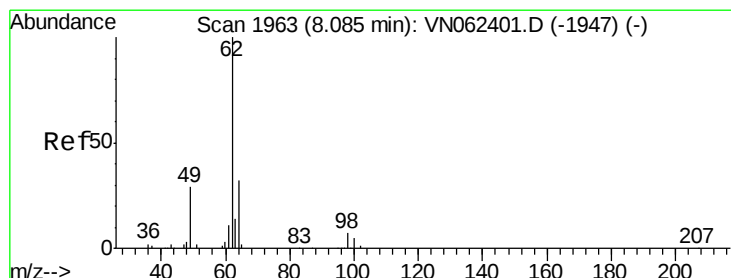
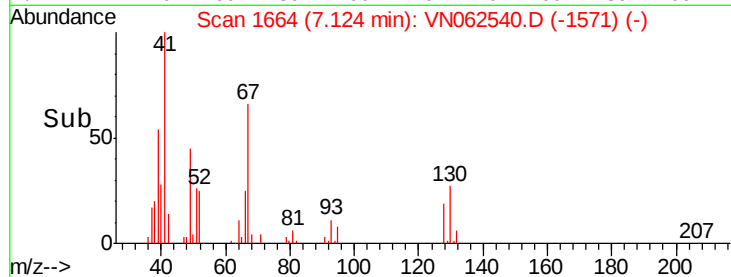
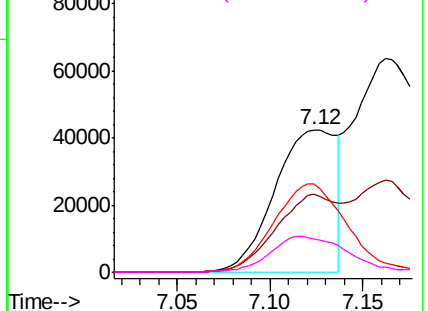
#41
Methacrylonitrile
Concen: 56.555 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 98408
Ion Ratio Lower Upper
41 100
39 56.4 50.2 75.2
67 74.2 64.2 96.2
52 32.0 28.0 42.0

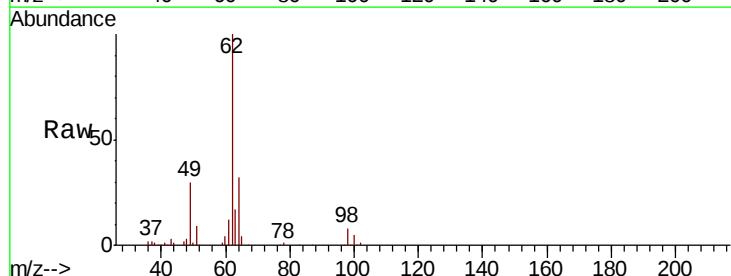


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

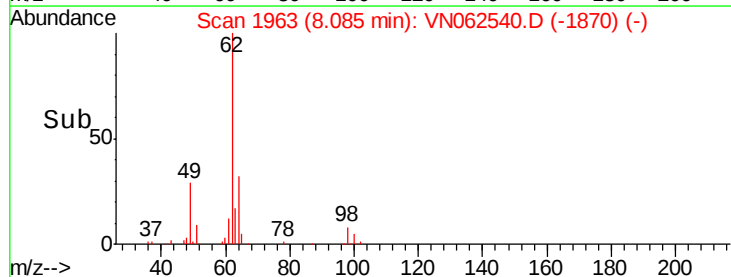
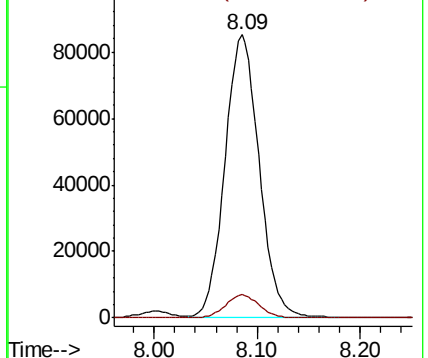


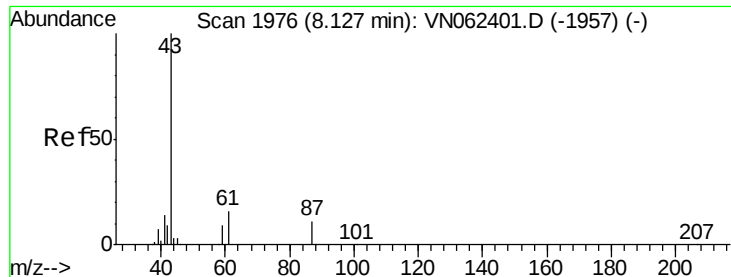
#42
1,2-Dichloroethane
Concen: 51.094 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

Tgt Ion: 62 Resp: 196388
Ion Ratio Lower Upper
62 100
98 8.0 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 49.262 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

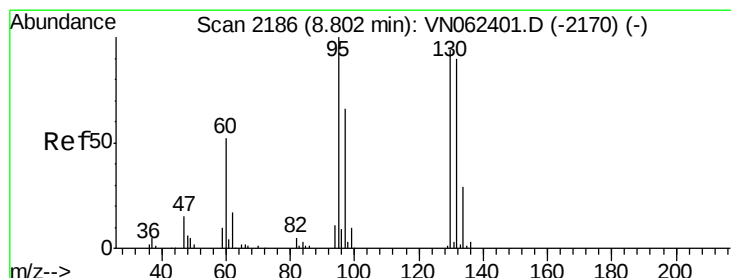
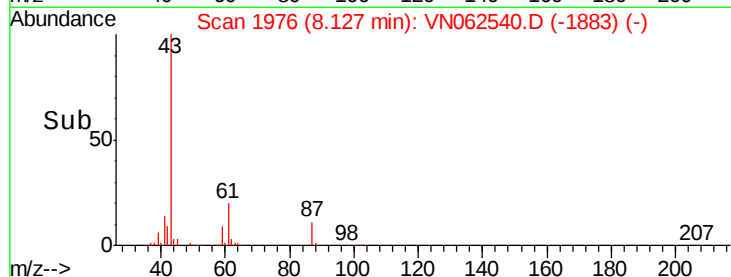
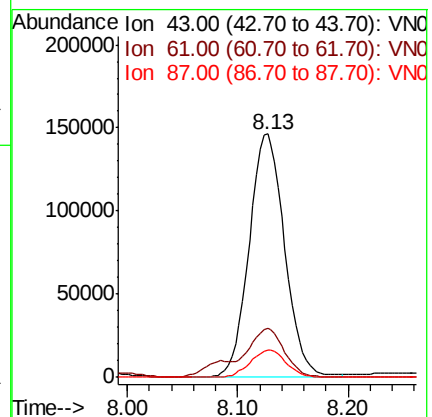
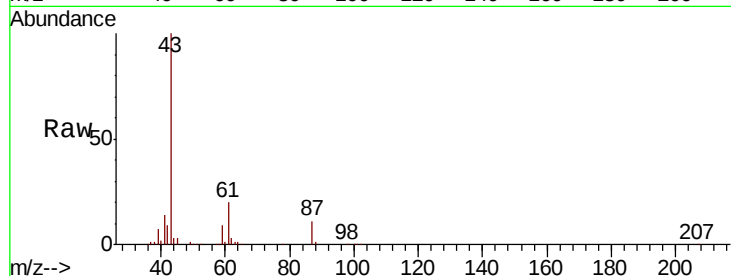
Tot Ion: 43 Resp: 324104

Ion Ratio Lower Upper

43 100

61 19.8 19.3 28.9

87 11.5 8.6 13.0



#44

Trichloroethene

Concen: 51.032 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062540.D

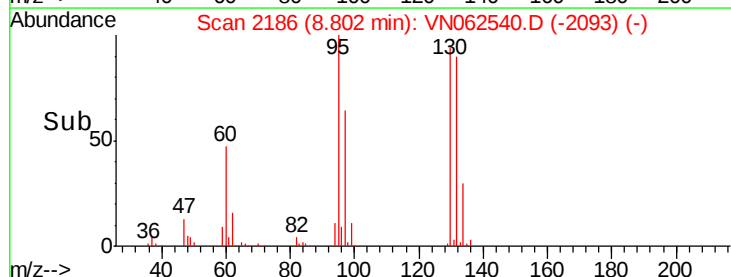
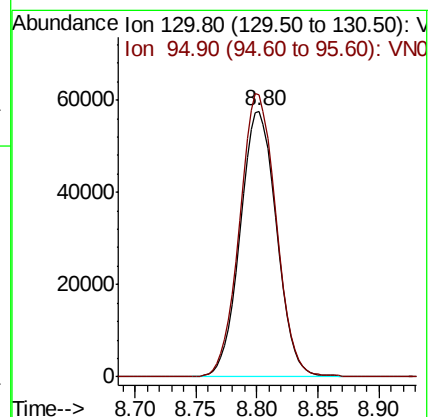
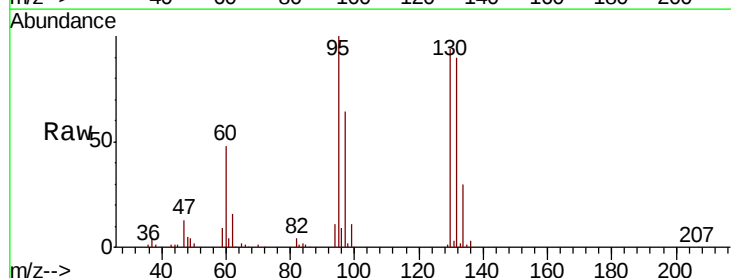
Acq: 15 Jul 2020 16:56

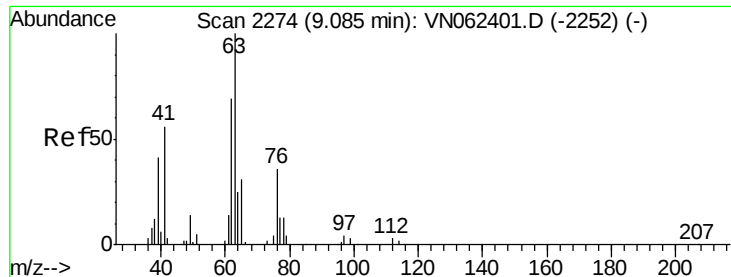
Tgt Ion:130 Resp: 118855

Ion Ratio Lower Upper

130 100

95 106.2 0.0 213.8





#45

1,2-Dichloropropane

Concen: 50.783 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

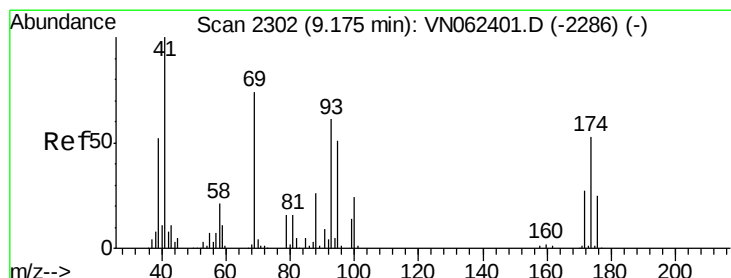
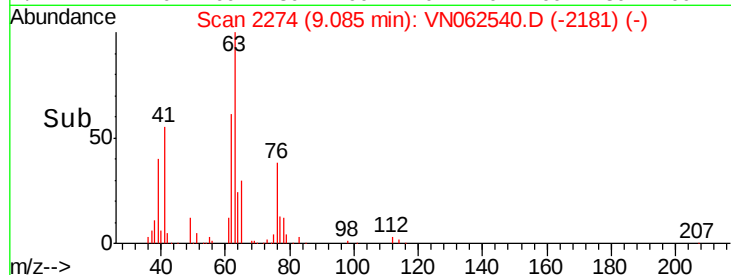
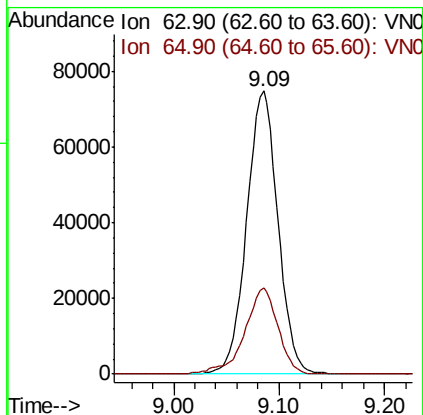
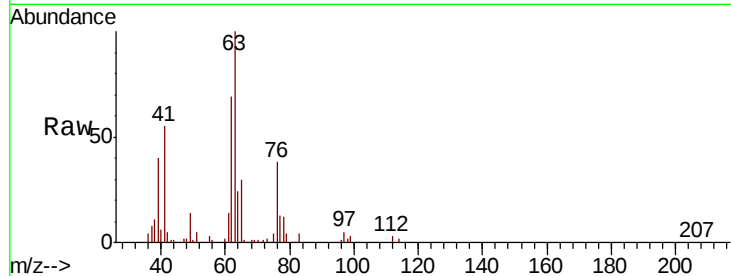
VSTDCCC050EC

Tot Ion: 63 Resp: 154748

Ion Ratio Lower Upper

63 100

65 30.3 24.6 36.8



#46

Dibromomethane

Concen: 51.832 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

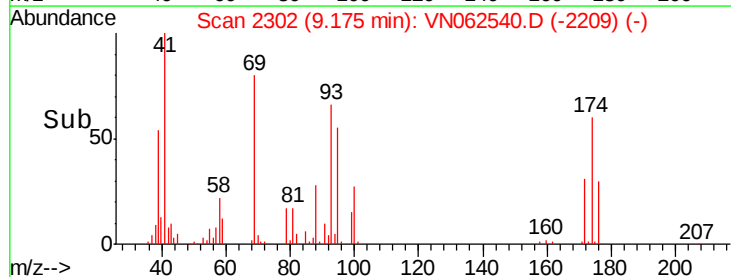
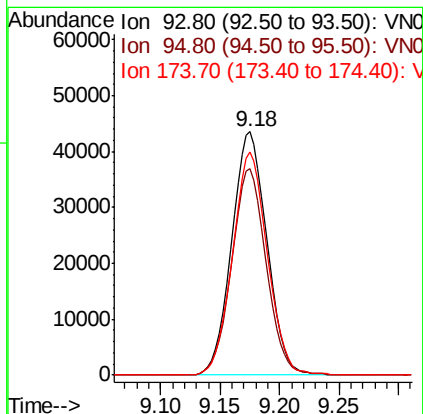
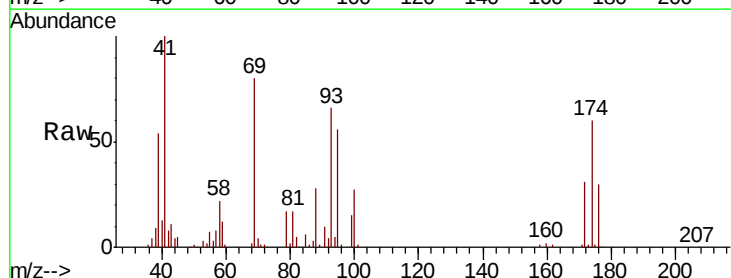
Tgt Ion: 93 Resp: 89132

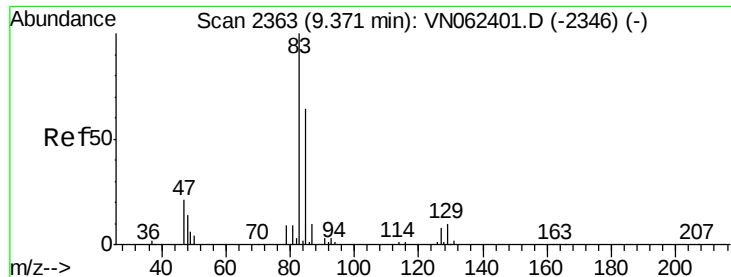
Ion Ratio Lower Upper

93 100

95 83.4 67.1 100.7

174 90.9 70.4 105.6





#47

Bromodichloromethane

Concen: 52.733 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

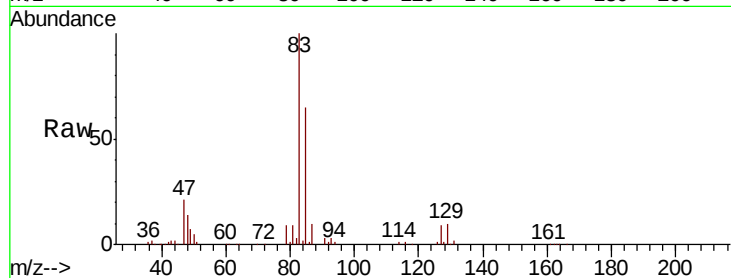
Tot Ion: 83 Resp: 193876

Ion Ratio Lower Upper

83 100

85 64.7 51.2 76.8

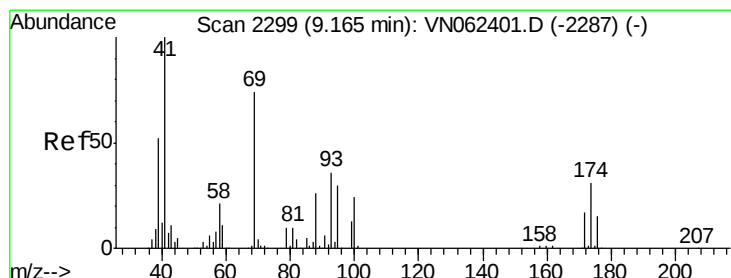
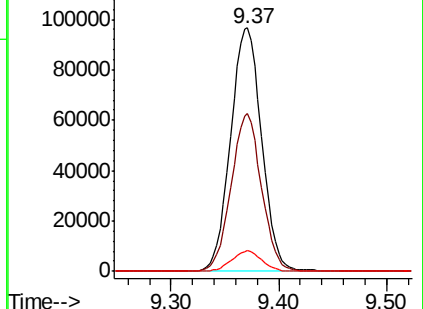
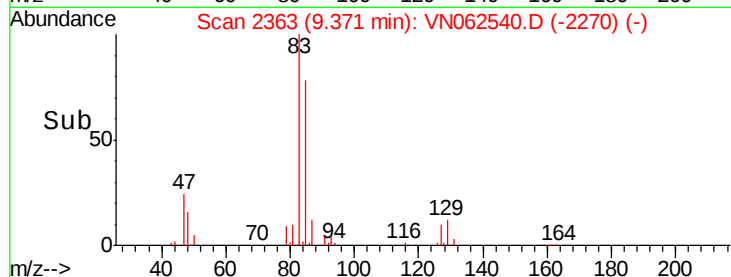
127 8.5 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062540.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062540.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062540.D (-2270) (-)



#48

Methyl methacrylate

Concen: 48.833 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

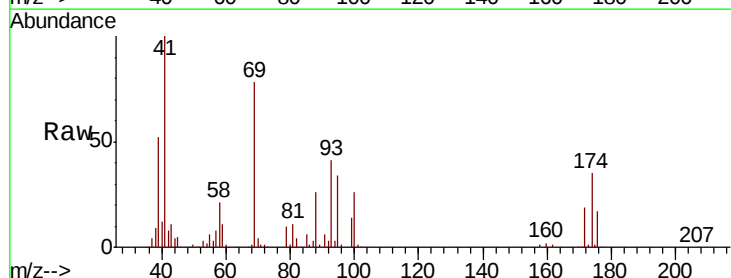
Tgt Ion: 41 Resp: 157597

Ion Ratio Lower Upper

41 100

69 79.8 60.8 91.2

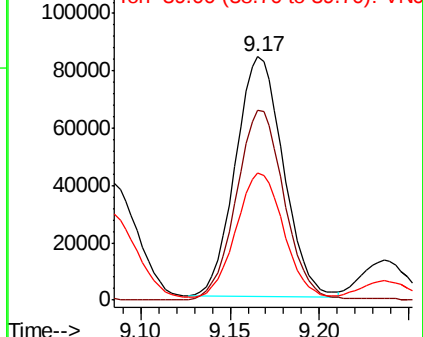
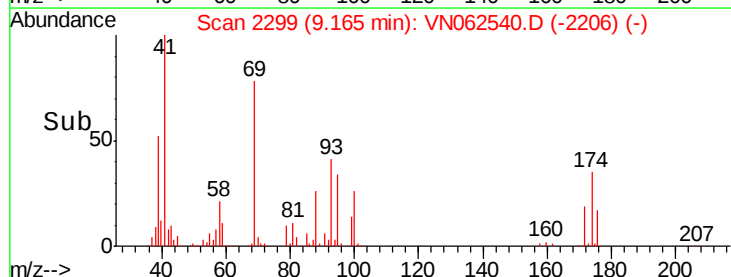
39 53.2 43.5 65.3

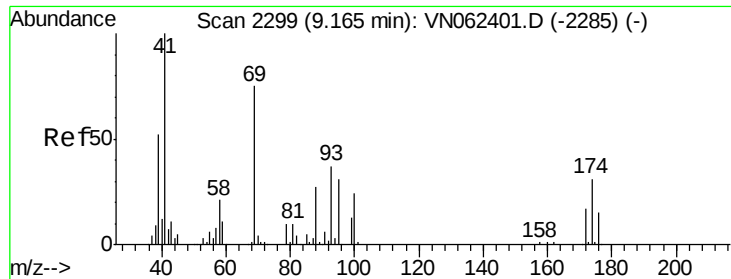


Abundance Ion 41.00 (40.70 to 41.70): VN062540.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062540.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062540.D (-2206) (-)

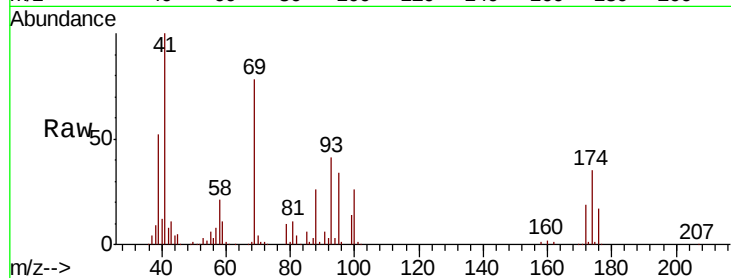




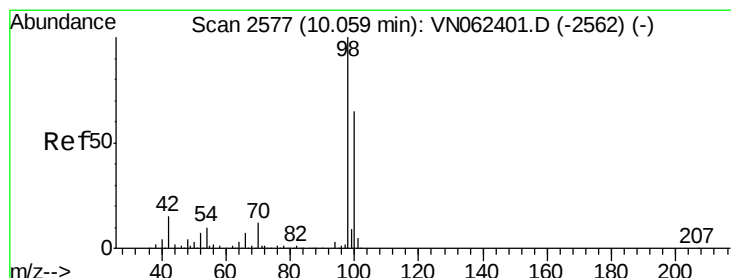
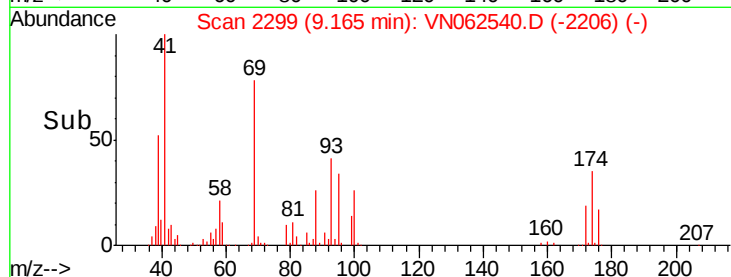
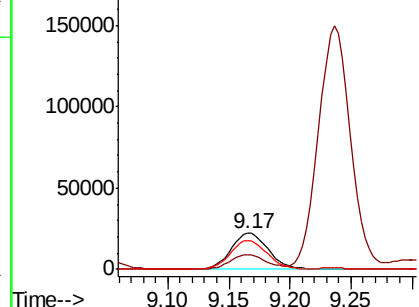
#49
1,4-Dioxane
Concen: 1007.743 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 47337
Ion Ratio Lower Upper
88 100
43 37.9 31.0 46.4
58 78.7 63.3 94.9

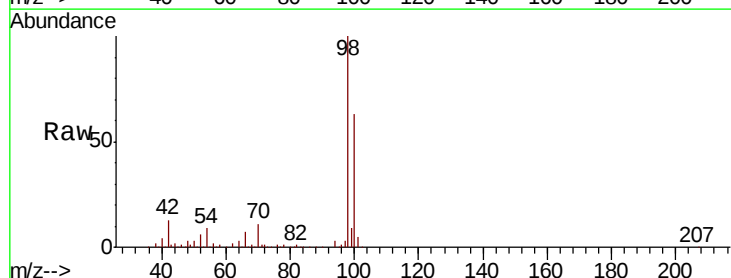


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

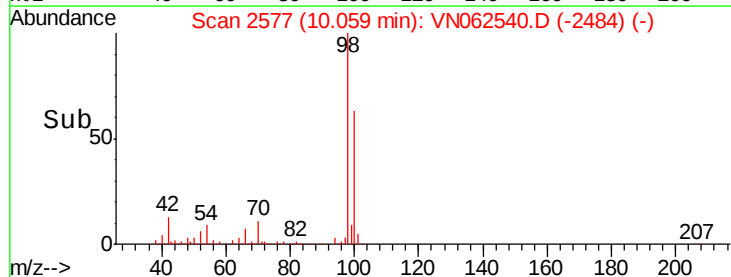
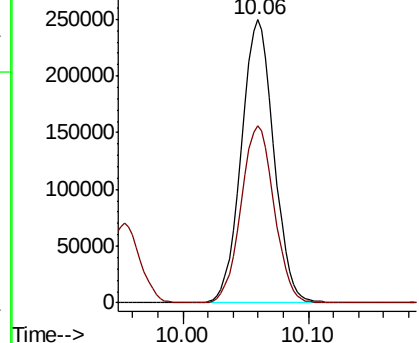


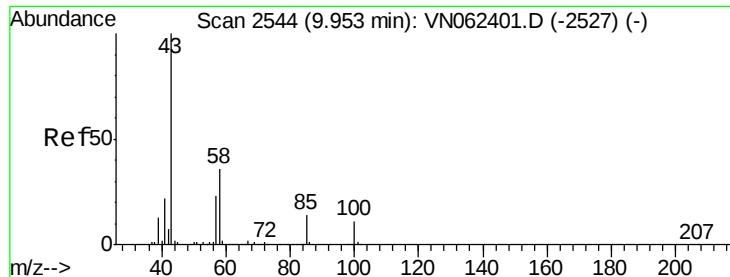
#50
Toluene-d8
Concen: 52.042 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

Tgt Ion: 98 Resp: 448952
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3



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

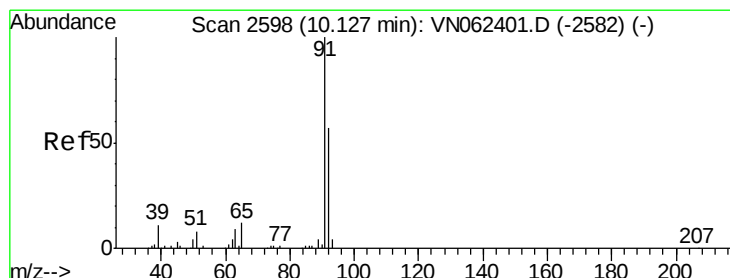
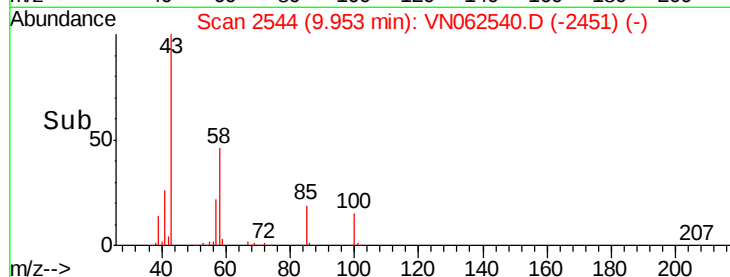
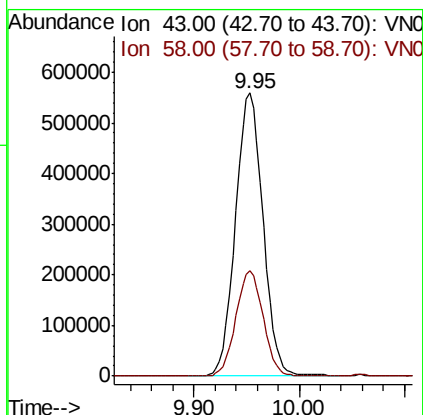
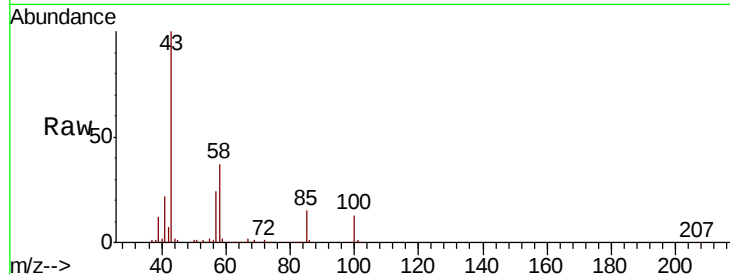




#51
 4-Methyl-2-Pentanone
 Concen: 256.917 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

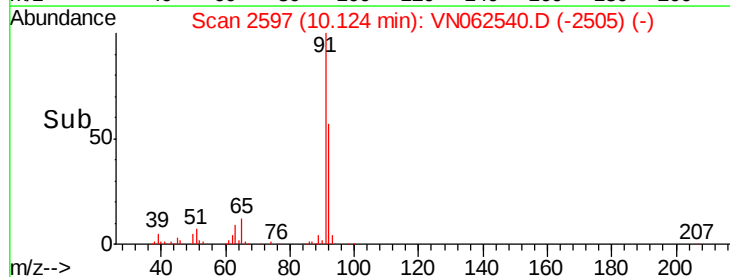
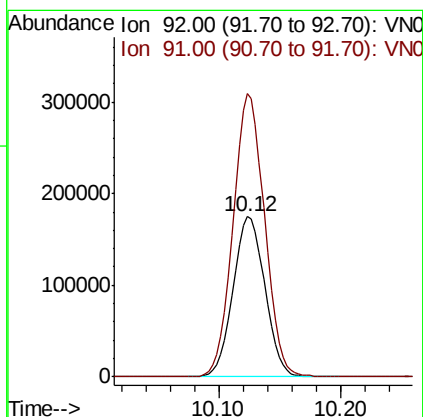
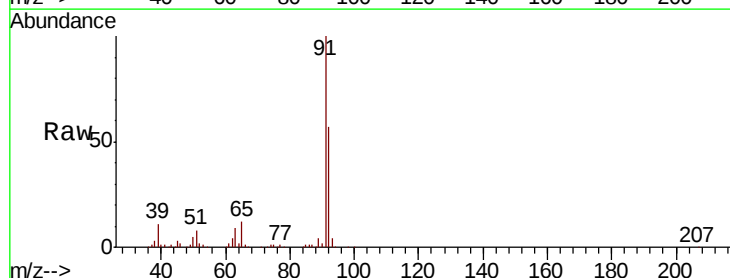
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

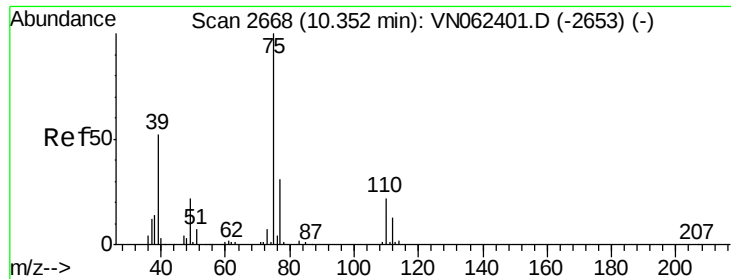
Tot Ion: 43 Resp: 1009575
 Ion Ratio Lower Upper
 43 100
 58 37.0 29.0 43.6



#52
 Toluene
 Concen: 52.248 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

Tgt Ion: 92 Resp: 316791
 Ion Ratio Lower Upper
 92 100
 91 175.1 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 53.607 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

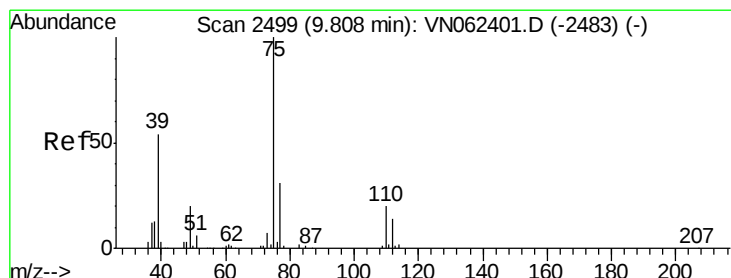
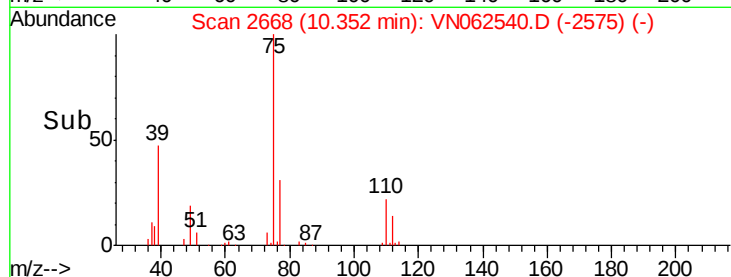
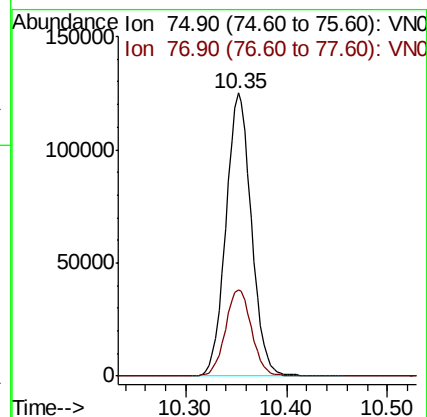
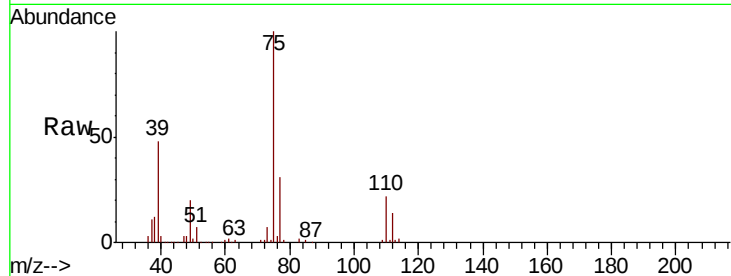
VSTDCCC050EC

Tot Ion: 75 Resp: 220807

Ion Ratio Lower Upper

75 100

77 30.6 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 52.059 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

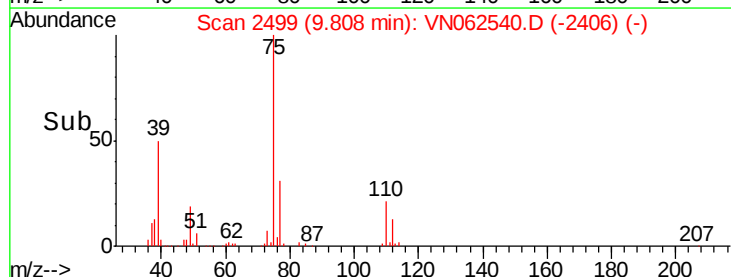
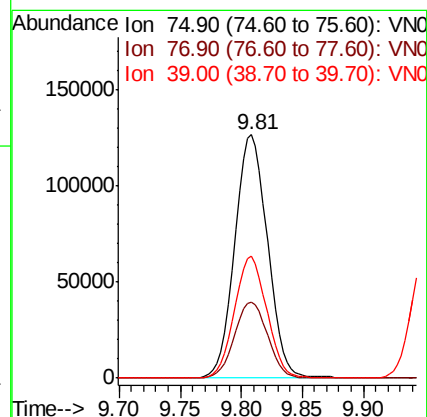
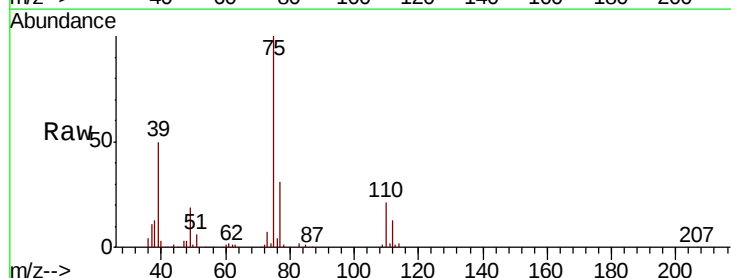
Tgt Ion: 75 Resp: 236590

Ion Ratio Lower Upper

75 100

77 31.2 24.5 36.7

39 50.0 43.4 65.0

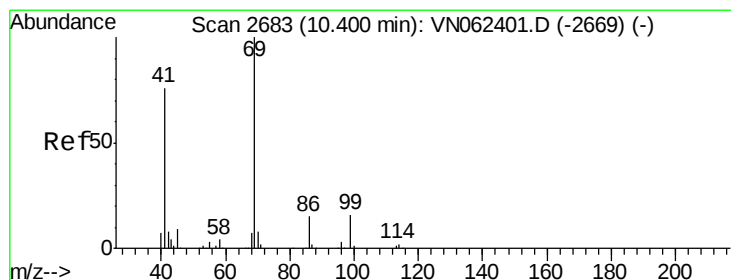
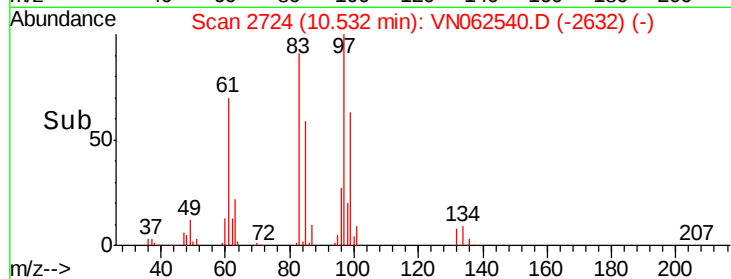
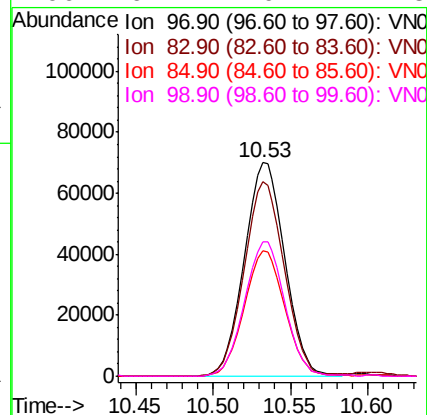
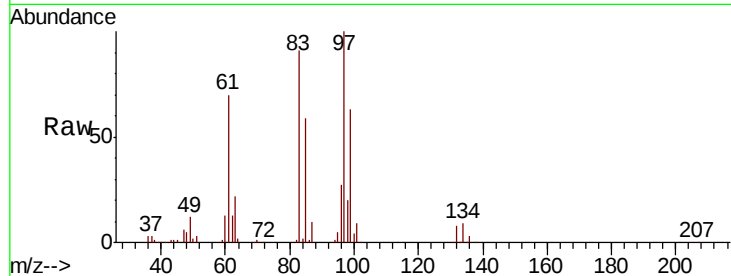




#55
 1,1,2-Trichloroethane
 Concen: 53.591 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

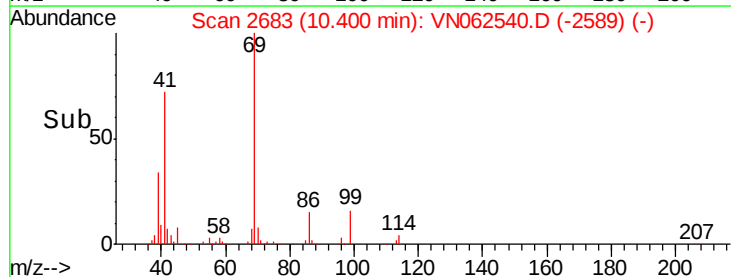
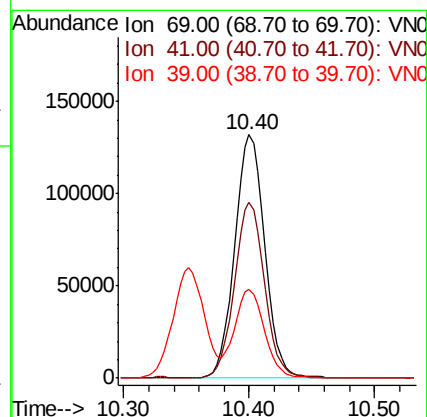
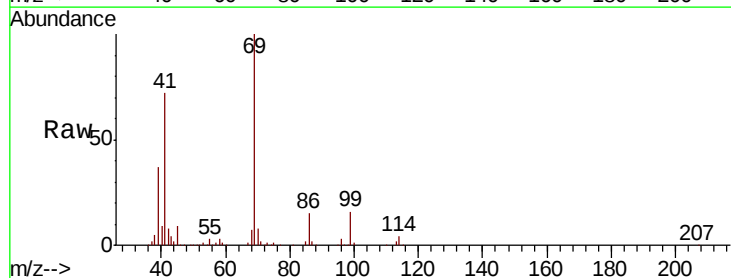
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

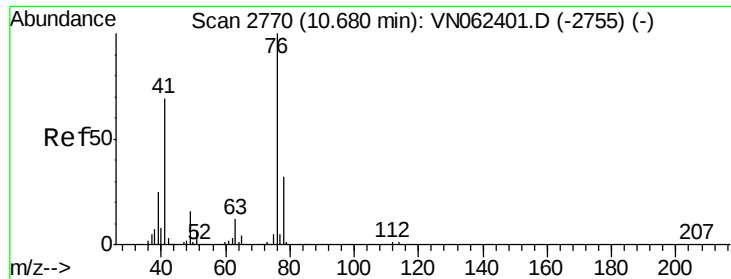
Tot Ion	97	Resp	127798
Ion	Ratio	Lower	Upper
97	100		
83	91.3	71.0	106.4
85	59.0	46.2	69.4
99	62.7	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 49.937 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

Tgt Ion	69	Resp	219148
Ion	Ratio	Lower	Upper
69	100		
41	71.3	59.7	89.5
39	35.8	30.6	45.8

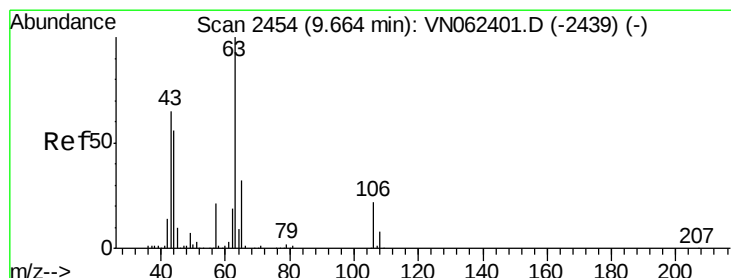
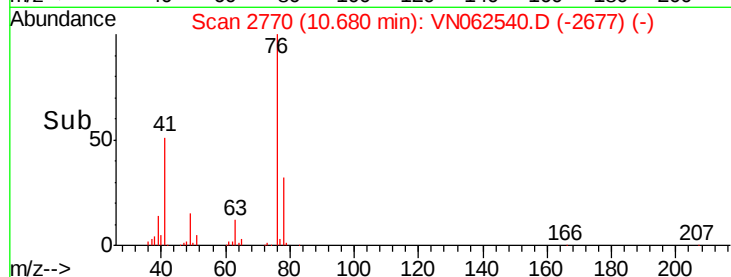
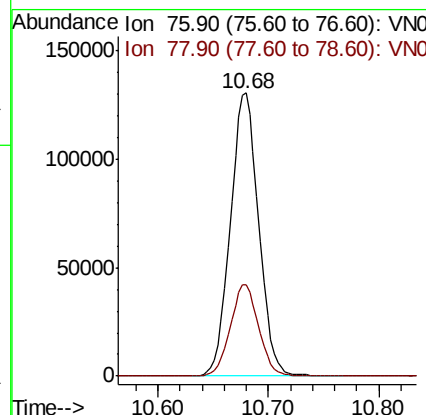
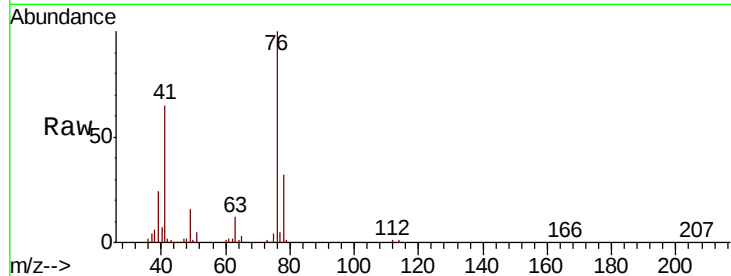




#57
 1,3-Dichloropropane
 Concen: 52.712 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

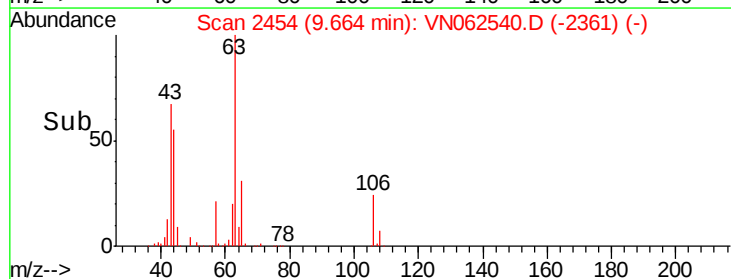
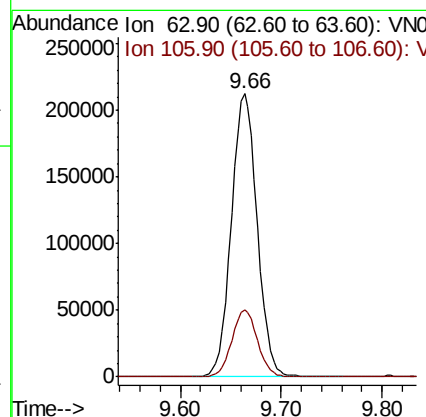
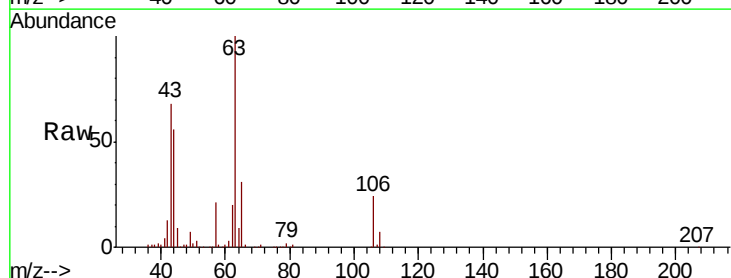
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

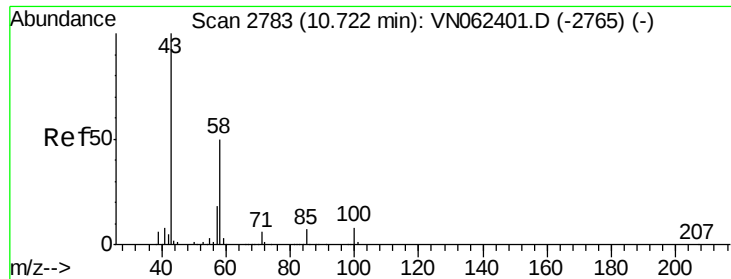
Tot Ion: 76 Resp: 232235
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 268.020 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

Tgt Ion: 63 Resp: 379184
 Ion Ratio Lower Upper
 63 100
 106 23.5 17.6 26.4

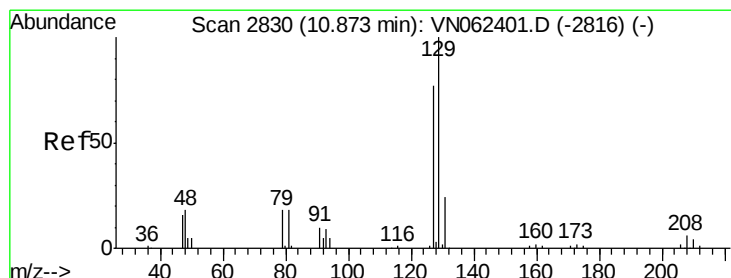
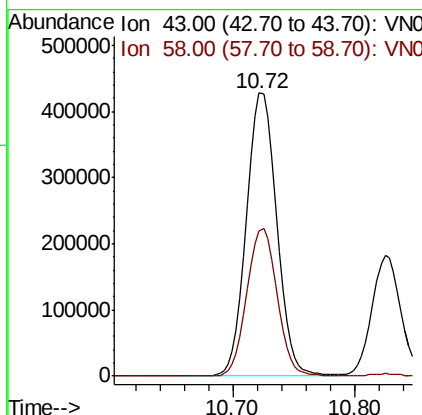
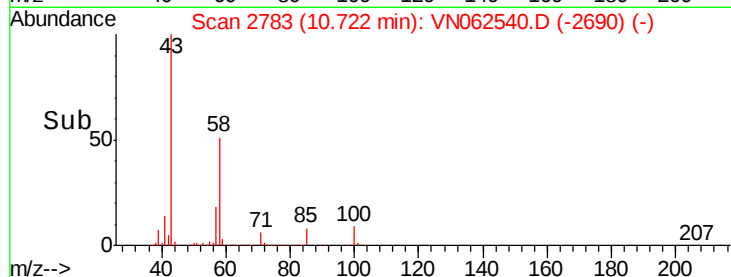
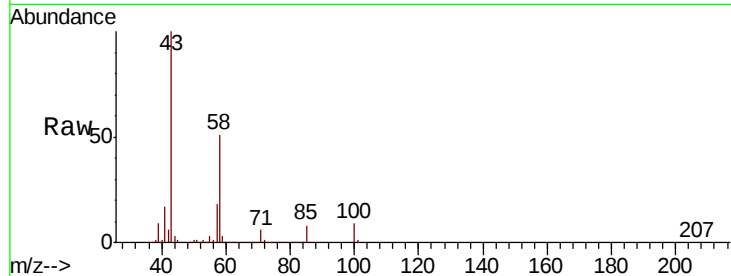




#59
2-Hexanone
Concen: 256.526 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

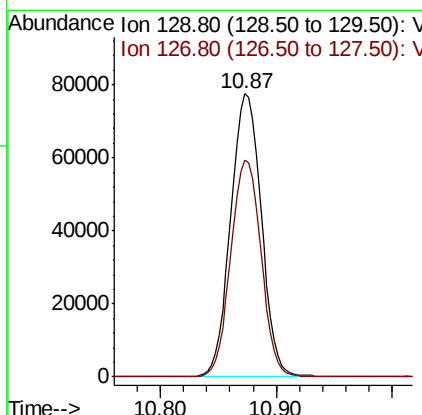
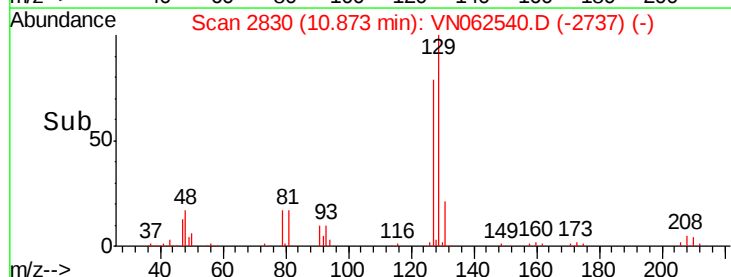
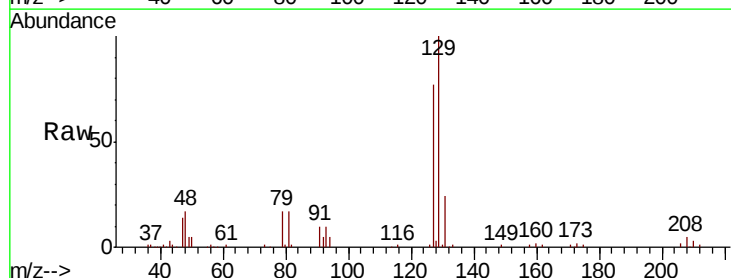
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

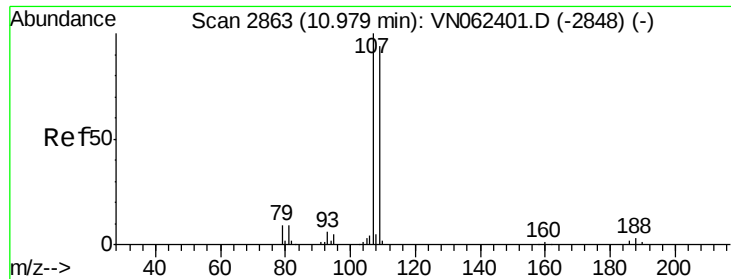
Tot Ion: 43 Resp: 731807
Ion Ratio Lower Upper
43 100
58 52.1 25.1 75.2



#60
Dibromochloromethane
Concen: 55.061 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

Tgt Ion: 129 Resp: 142370
Ion Ratio Lower Upper
129 100
127 75.6 38.6 115.8

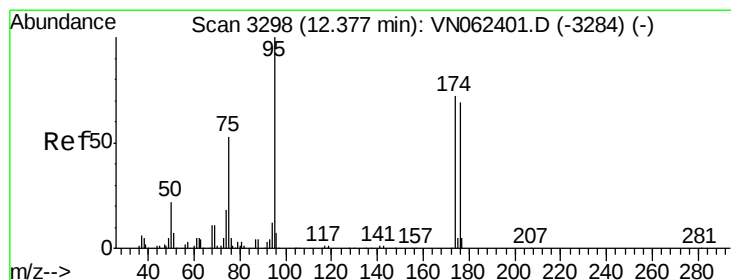
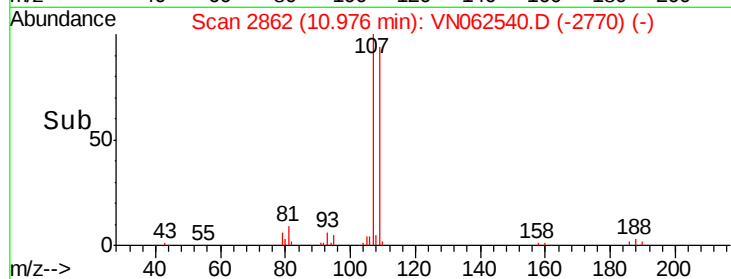
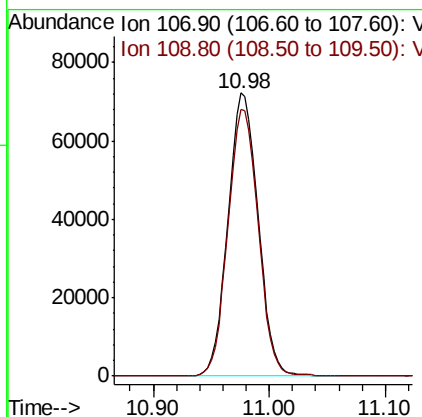
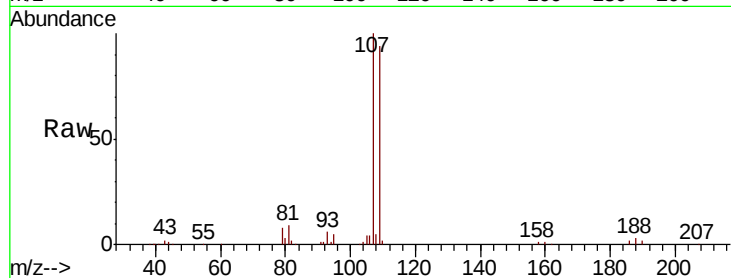




#61
 1,2-Dibromoethane
 Concen: 53.765 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

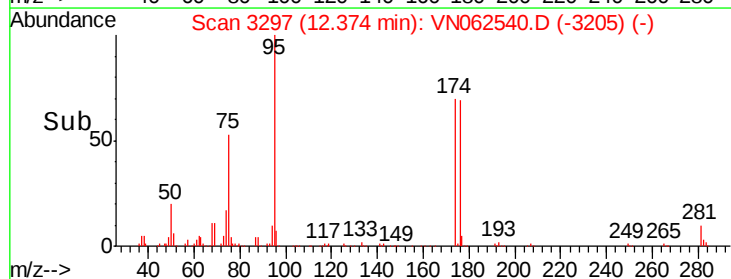
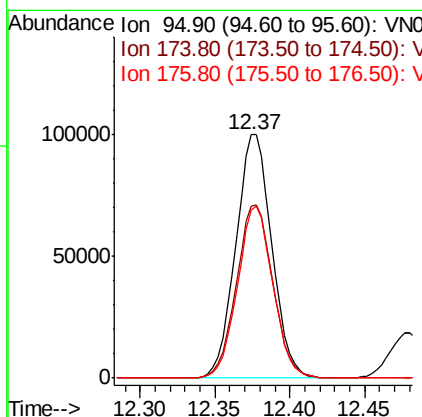
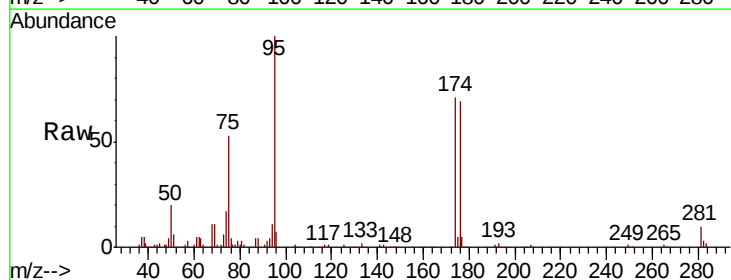
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

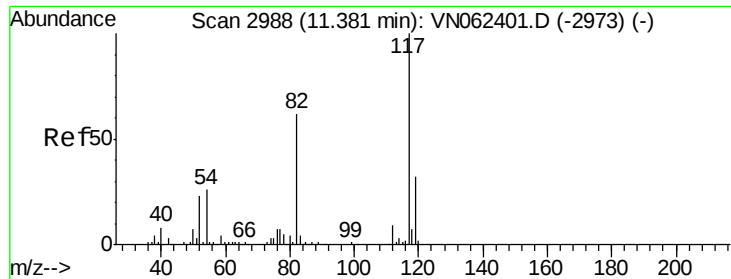
Tot Ion:107 Resp: 129427
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 53.099 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

Tgt Ion: 95 Resp: 167392
 Ion Ratio Lower Upper
 95 100
 174 72.2 0.0 141.6
 176 69.5 0.0 137.2

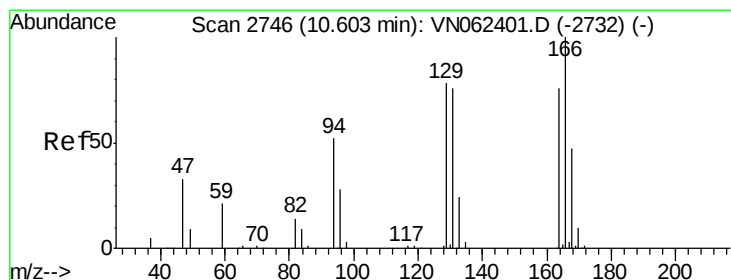
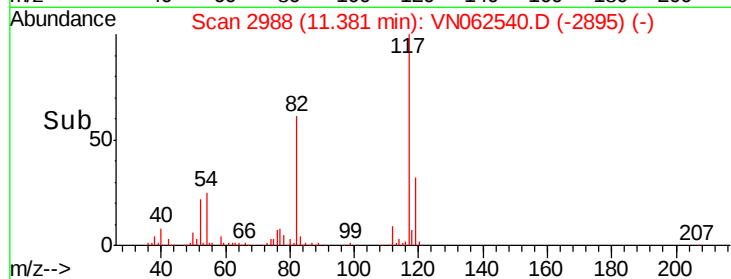
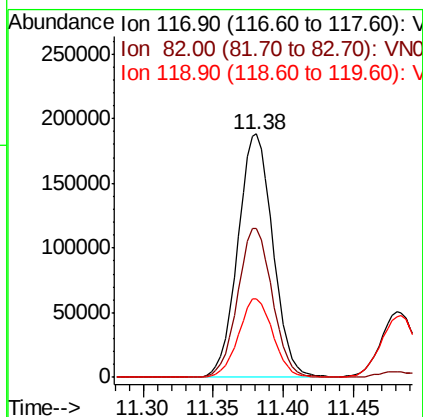
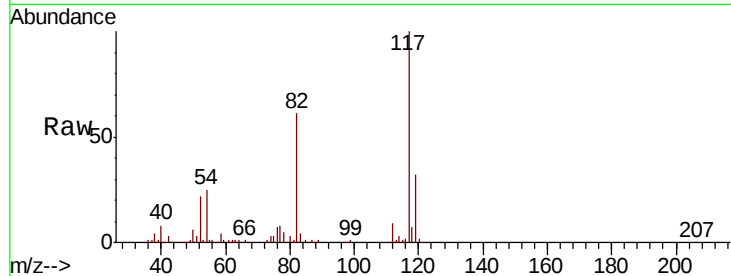




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

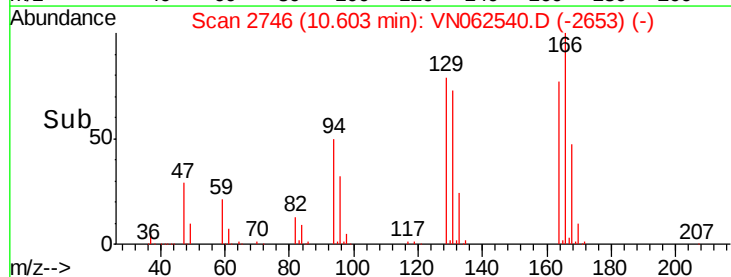
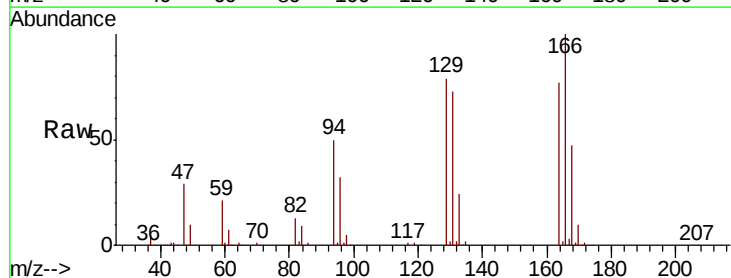
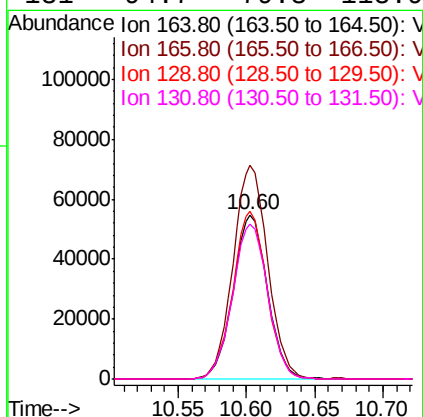
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

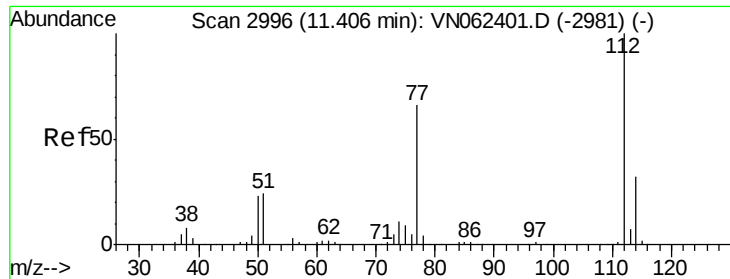
Tot Ion:117 Resp: 328032
Ion Ratio Lower Upper
117 100
82 60.9 49.6 74.4
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 48.995 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

Tgt Ion:164 Resp: 95371
Ion Ratio Lower Upper
164 100
166 130.2 104.9 157.3
129 102.5 81.8 122.6
131 94.7 79.3 118.9





#65

Chlorobenzene

Concen: 52.319 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

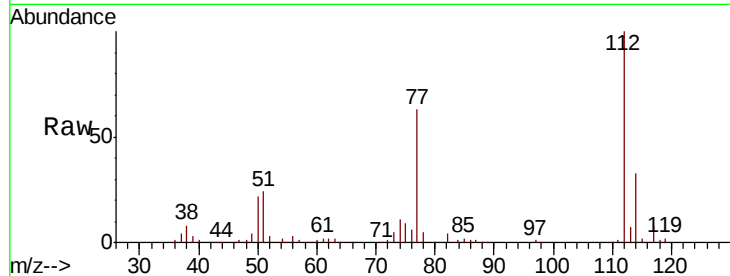
VSTDCCC050EC

Tot Ion:112 Resp: 333556

Ion Ratio Lower Upper

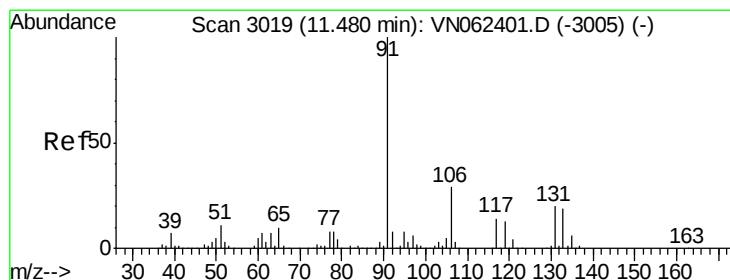
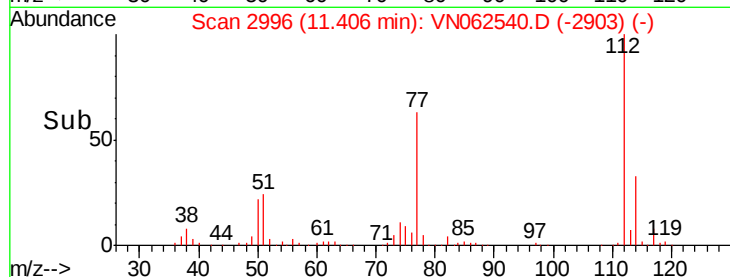
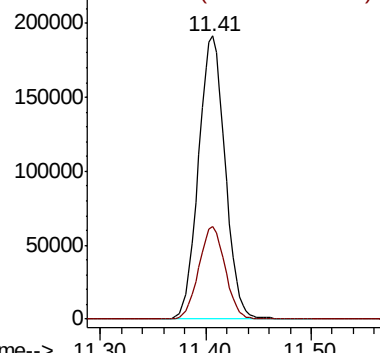
112 100

114 32.5 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.048 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

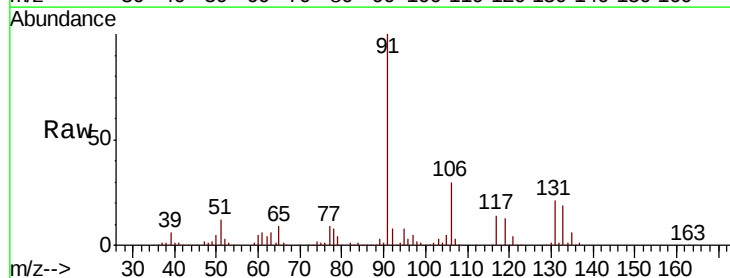
Tgt Ion:131 Resp: 127070

Ion Ratio Lower Upper

131 100

133 95.0 46.9 140.8

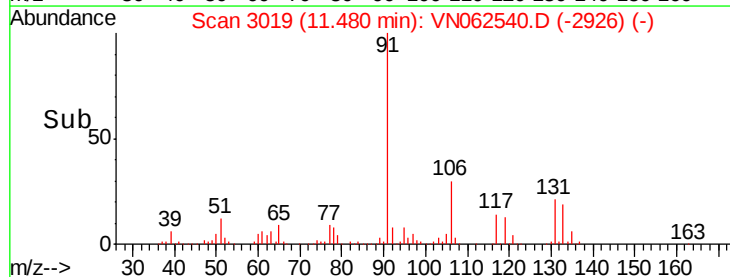
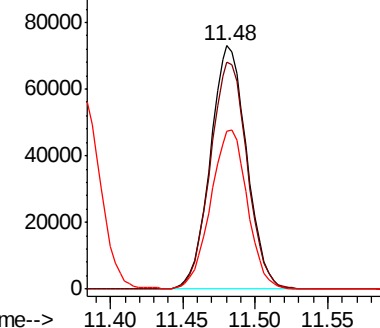
119 65.9 33.2 99.6

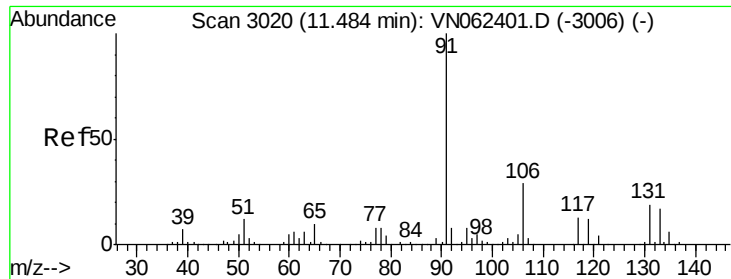


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

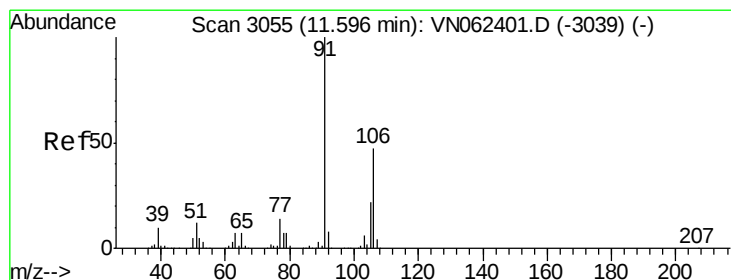
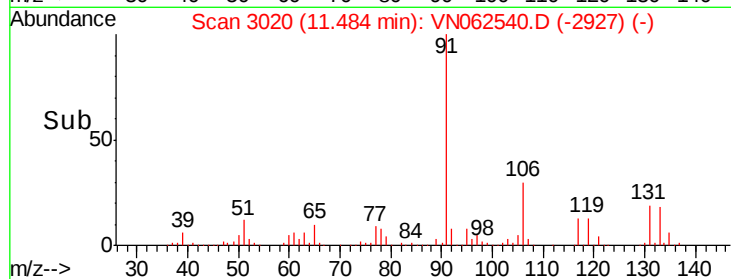
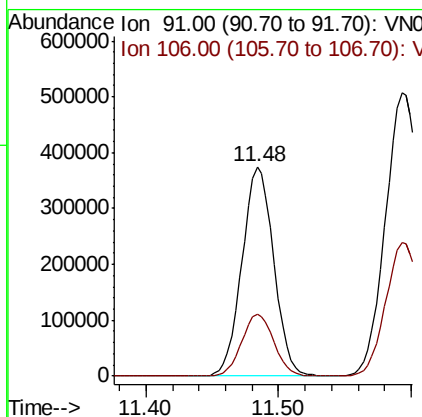
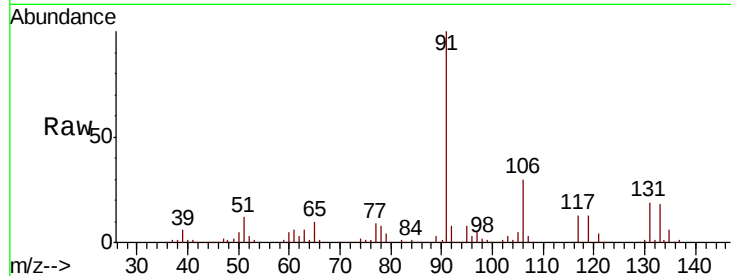




#67
Ethyl Benzene
Concen: 52.014 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

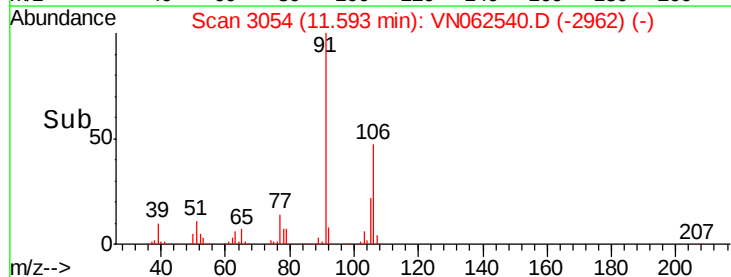
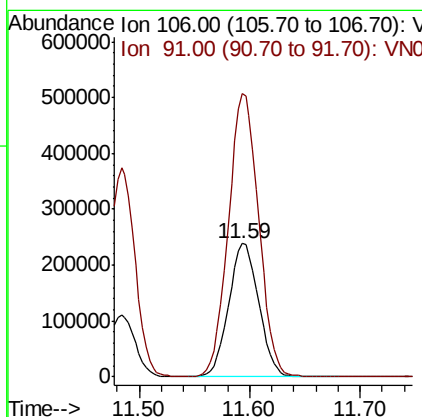
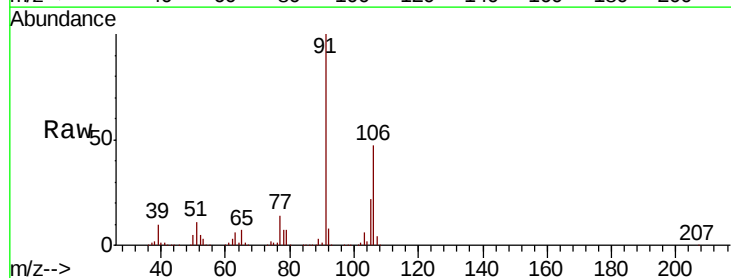
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

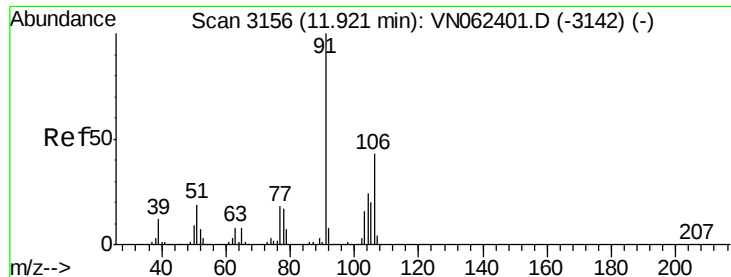
Tot Ion: 91 Resp: 622455
Ion Ratio Lower Upper
91 100
106 29.6 23.4 35.2



#68
m/p-Xylenes
Concen: 106.491 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

Tgt Ion: 106 Resp: 451144
Ion Ratio Lower Upper
106 100
91 213.8 172.4 258.6

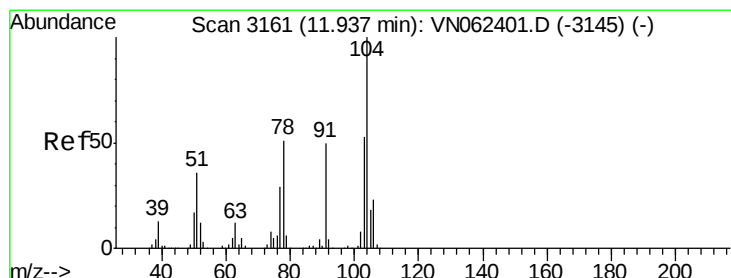
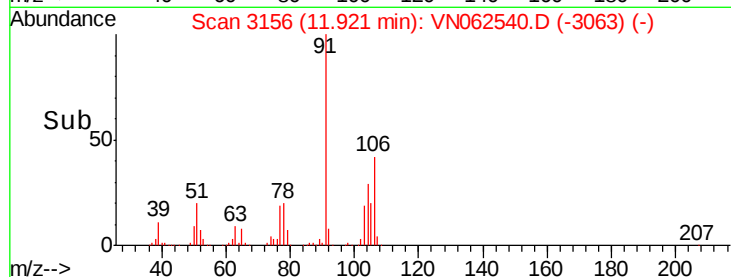
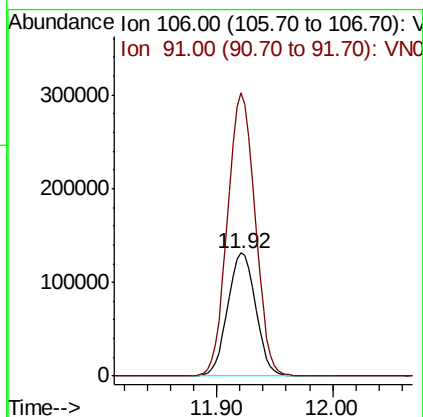
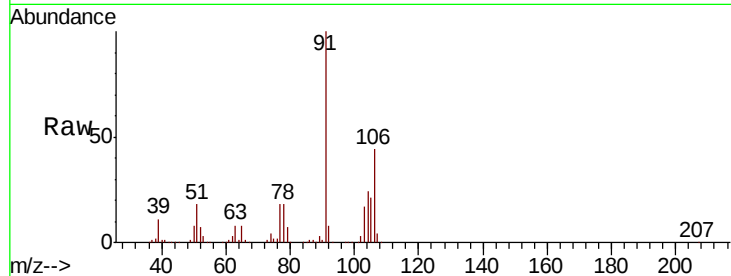




#69
o-Xylene
Concen: 53.022 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

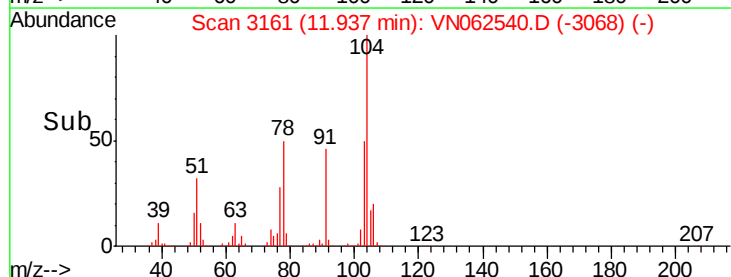
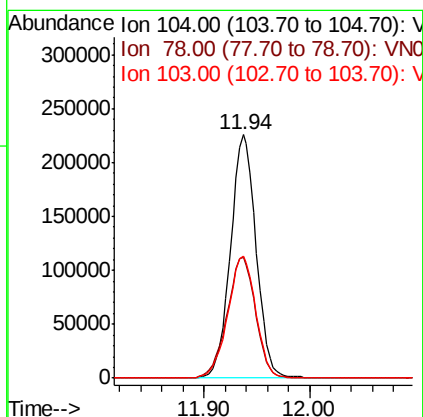
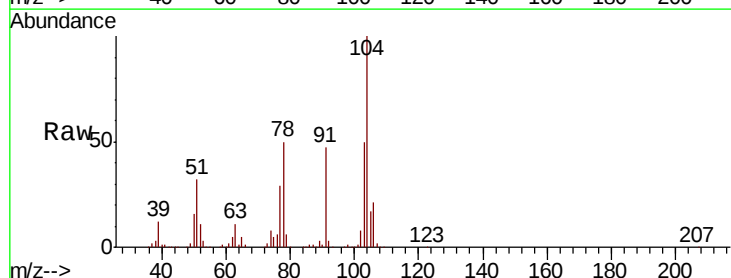
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

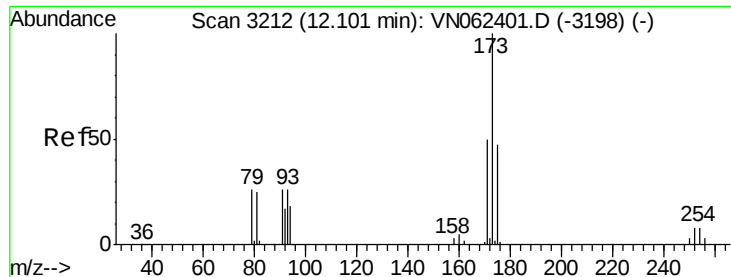
Tot Ion:106 Resp: 218703
Ion Ratio Lower Upper
106 100
91 227.5 113.8 341.4



#70
Styrene
Concen: 55.463 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

Tgt Ion:104 Resp: 378095
Ion Ratio Lower Upper
104 100
78 55.2 44.2 66.4
103 55.0 44.4 66.6





#71

Bromoform

Concen: 56.905 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

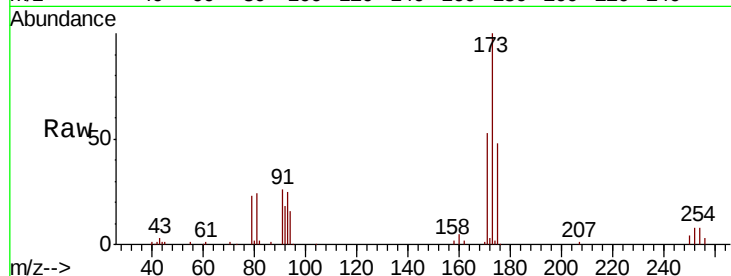
Tot Ion:173 Resp: 98076

Ion Ratio Lower Upper

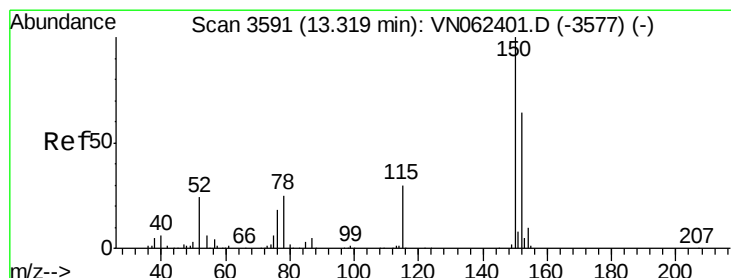
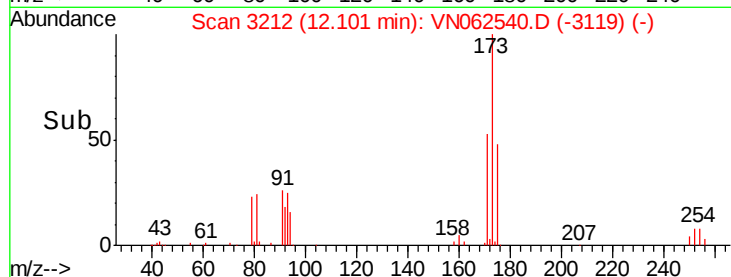
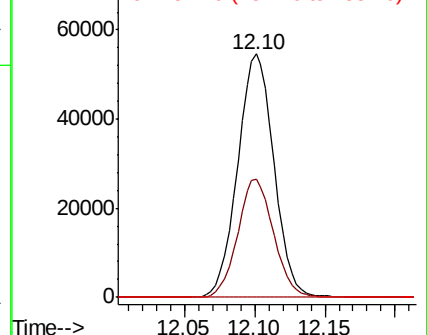
173 100

175 47.9 23.7 71.1

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

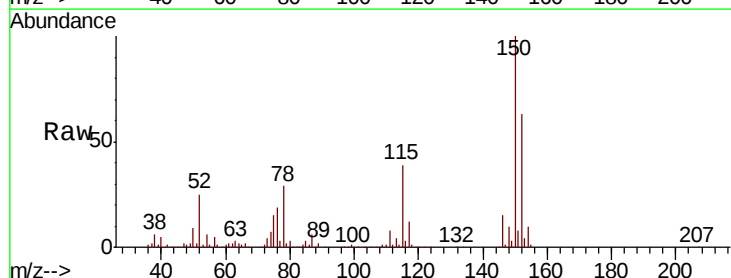
Tgt Ion:152 Resp: 156633

Ion Ratio Lower Upper

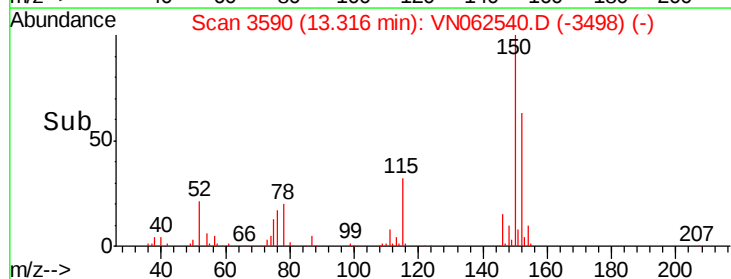
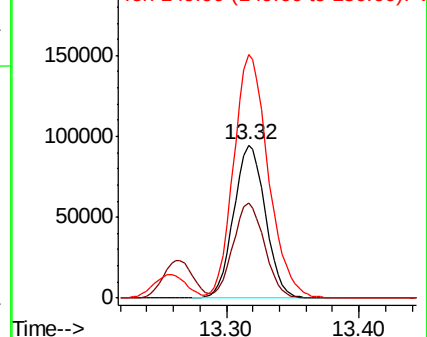
152 100

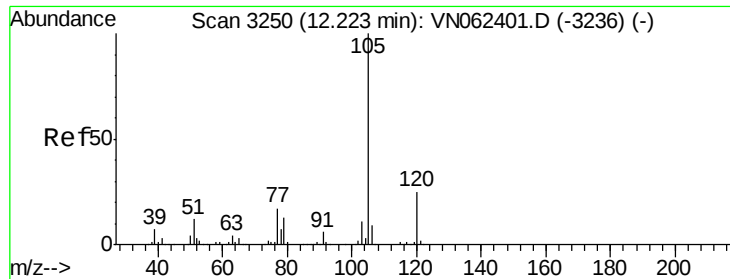
115 62.0 31.4 94.2

150 174.6 0.0 347.4



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





#73

Isopropylbenzene

Concen: 49.021 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

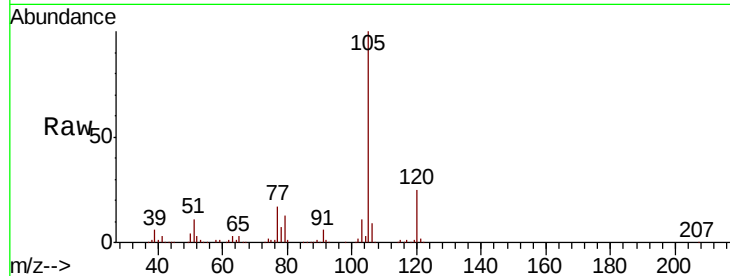
VSTDCCC050EC

Tot Ion:105 Resp: 594170

Ion Ratio Lower Upper

105 100

120 25.3 12.7 38.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

400000

300000

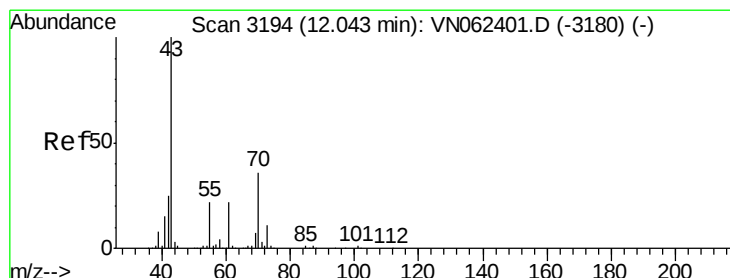
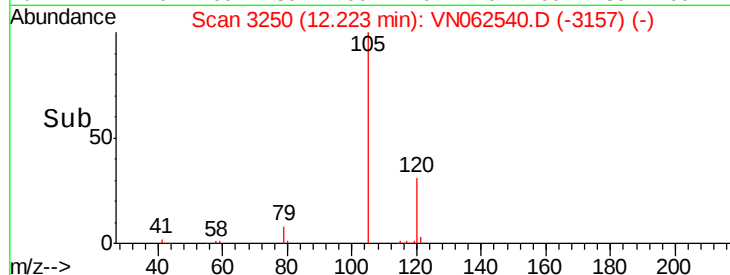
200000

100000

0

12.20 12.30

Time-->



#74

N-ethyl acetate

Concen: 50.615 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

Tgt Ion: 43 Resp: 298597

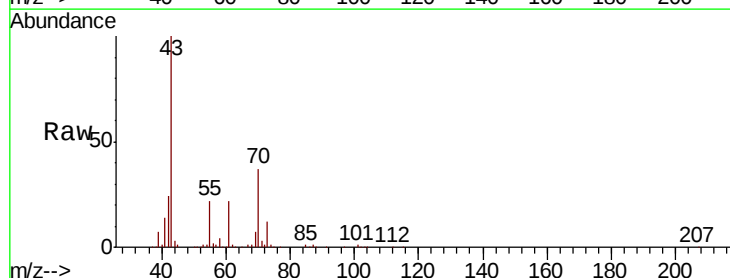
Ion Ratio Lower Upper

43 100

70 37.8 30.0 45.0

55 23.6 18.2 27.4

61 22.9 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

300000

250000

200000

150000

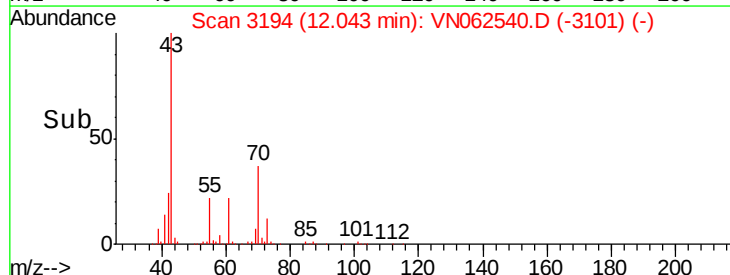
100000

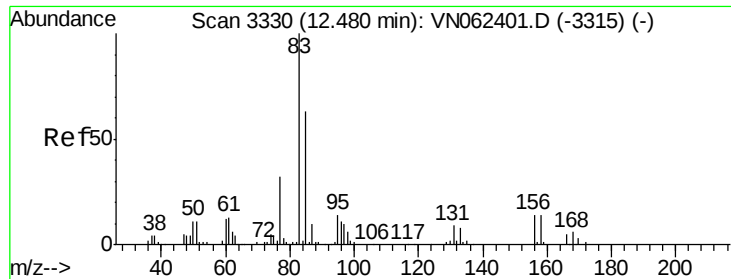
50000

0

12.00 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.229 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

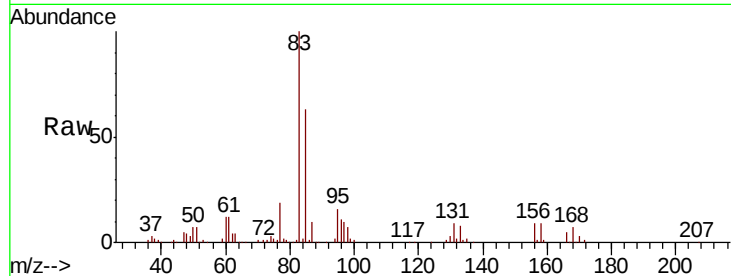
Tot Ion: 83 Resp: 200625

Ion Ratio Lower Upper

83 100

131 9.3 4.5 13.5

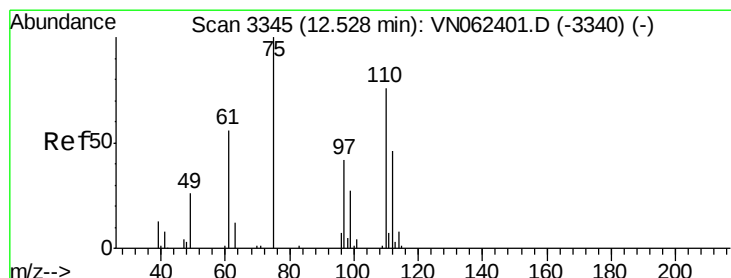
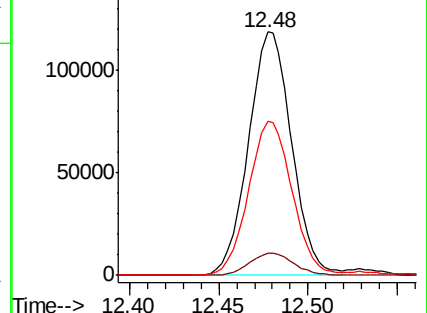
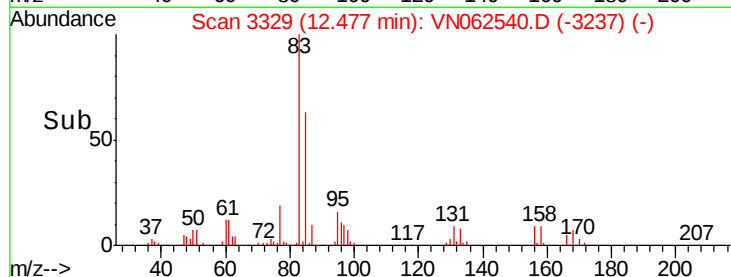
85 63.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN062540.D (-3327) (-)

Ion 130.80 (130.50 to 131.50): VN062540.D (-3327) (-)

Ion 84.90 (84.60 to 85.60): VN062540.D (-3327) (-)



#76

1,2,3-Trichloropropane

Concen: 49.015 ug/l m

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062540.D

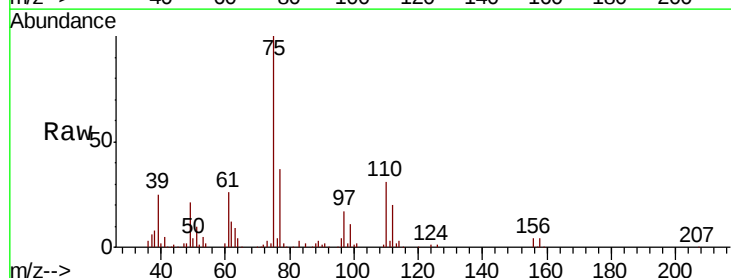
Acq: 15 Jul 2020 16:56

Tgt Ion: 75 Resp: 188375

Ion Ratio Lower Upper

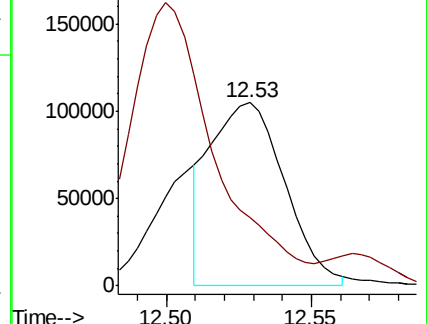
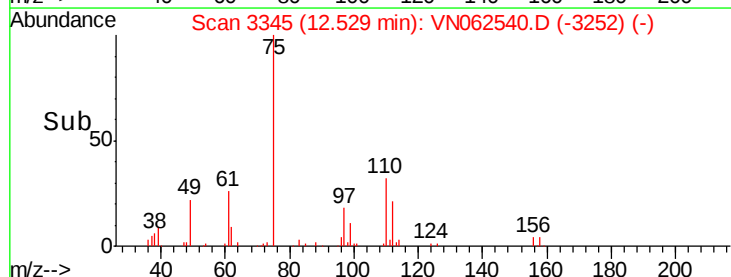
75 100

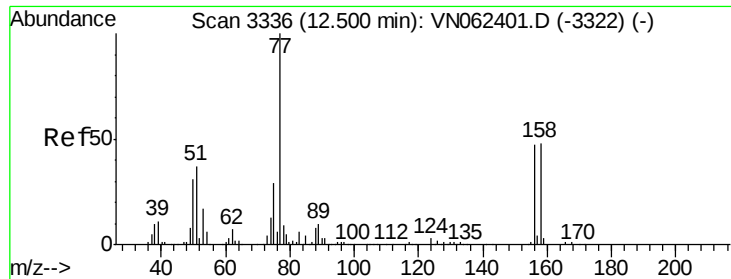
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062540.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062540.D (-3252) (-)





#77

Bromobenzene

Concen: 50.774 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

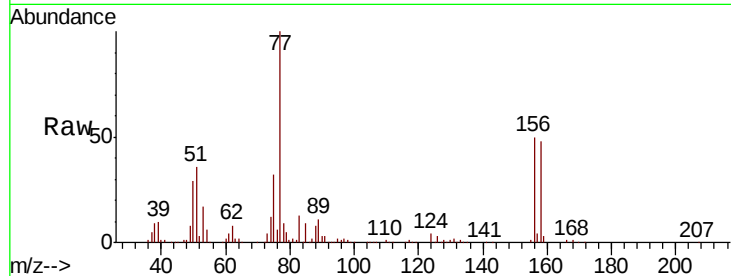
Tot Ion:156 Resp: 139909

Ion Ratio Lower Upper

156 100

77 239.9 126.4 379.3

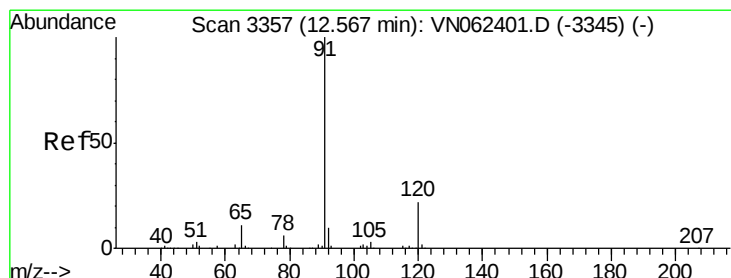
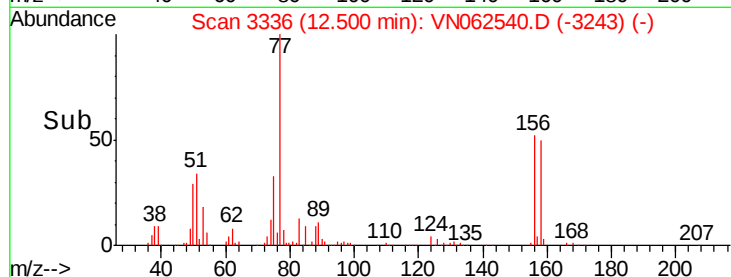
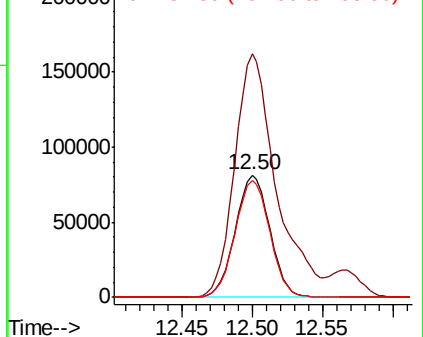
158 96.6 49.8 149.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.661 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062540.D

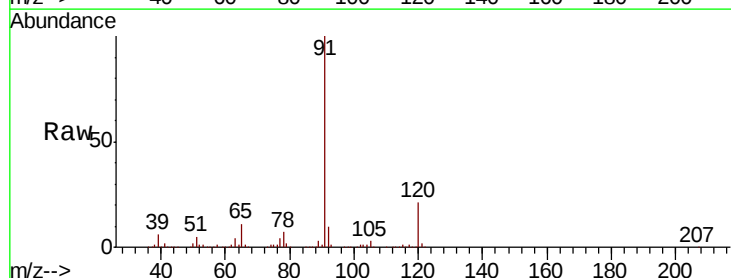
Acq: 15 Jul 2020 16:56

Tgt Ion: 91 Resp: 703102

Ion Ratio Lower Upper

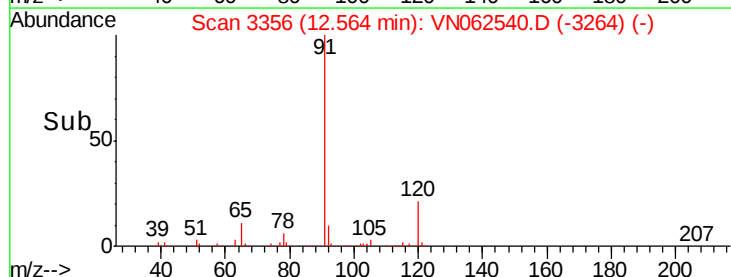
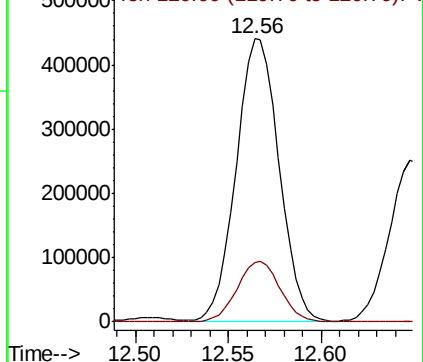
91 100

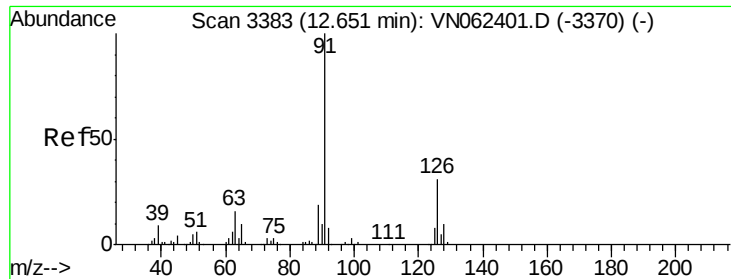
120 21.6 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

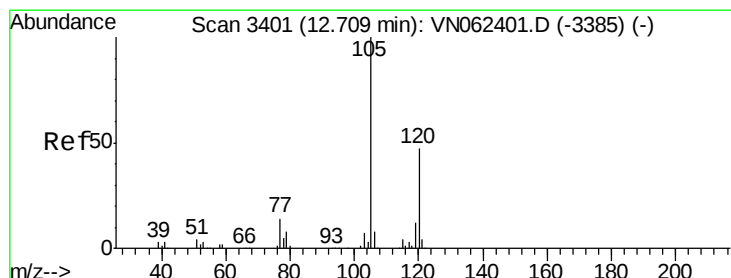
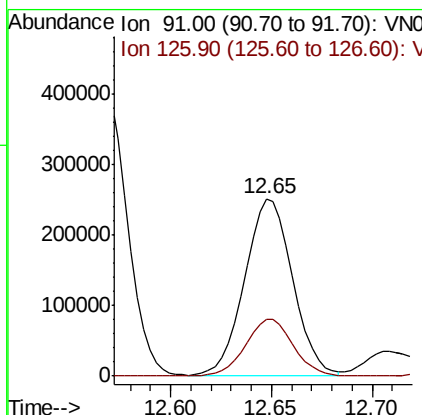
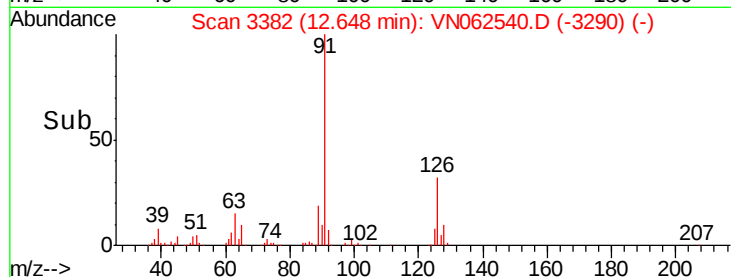
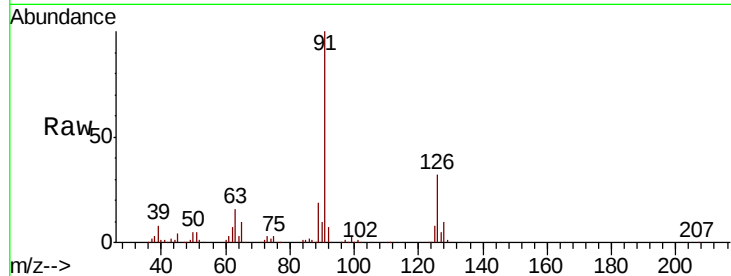




#79
 2-Chlorotoluene
 Concen: 48.462 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

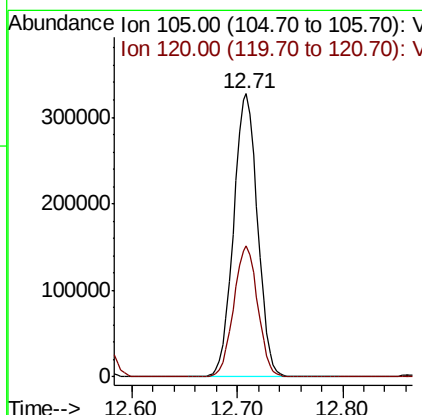
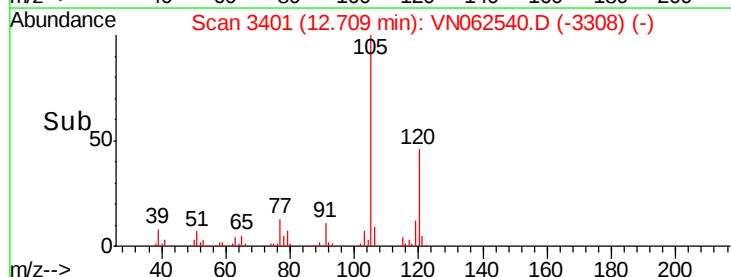
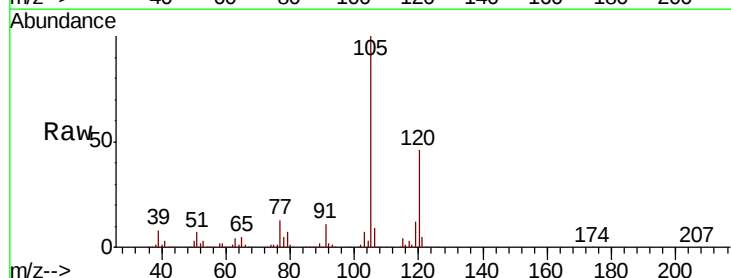
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

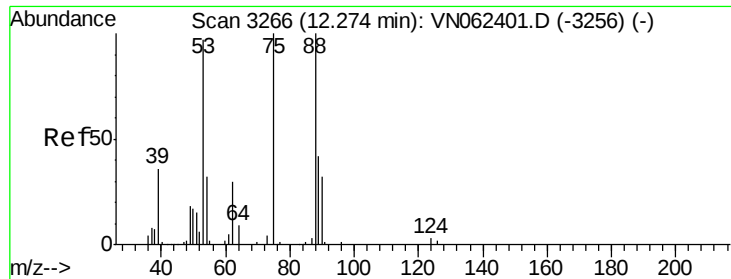
Tot Ion: 91 Resp: 416433
 Ion Ratio Lower Upper
 91 100
 126 32.0 15.6 46.7



#80
 1,3,5-Trimethylbenzene
 Concen: 51.577 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

Tgt Ion: 105 Resp: 512480
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 49.570 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

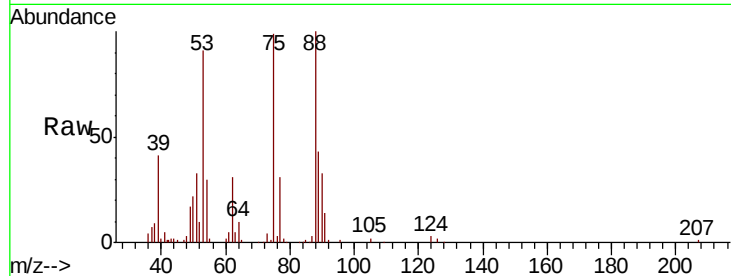
Tot Ion: 75 Resp: 71176

Ion Ratio Lower Upper

75 100

53 94.3 79.2 118.8

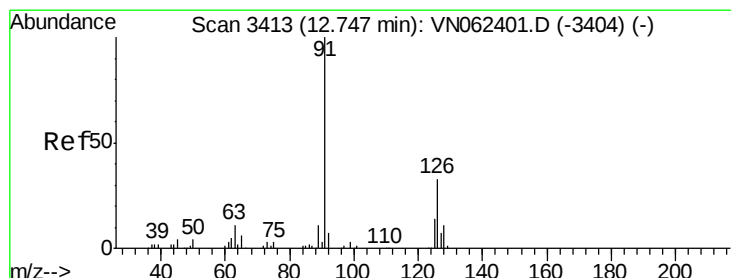
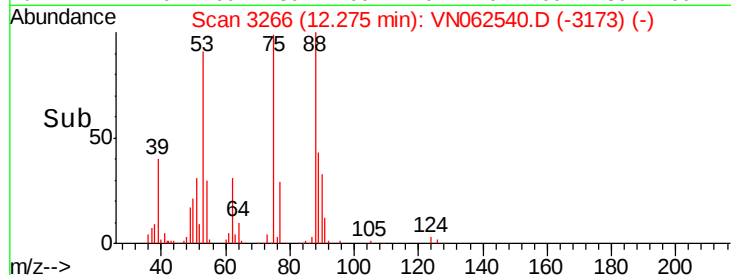
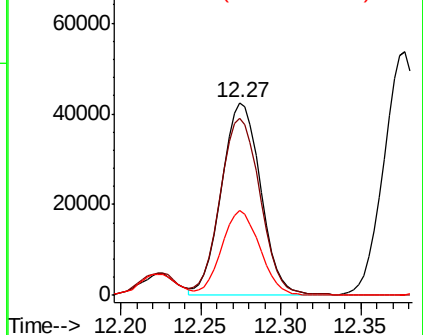
89 43.1 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 50.426 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062540.D

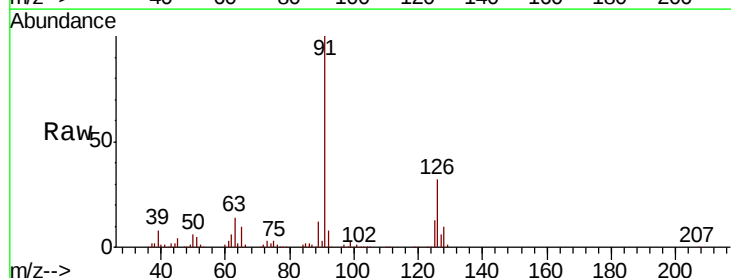
Acq: 15 Jul 2020 16:56

Tgt Ion: 91 Resp: 439897

Ion Ratio Lower Upper

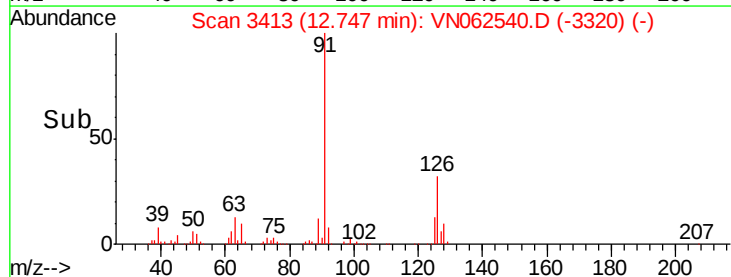
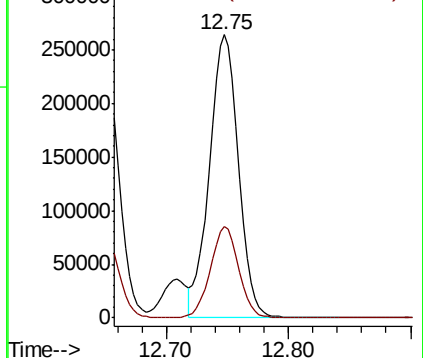
91 100

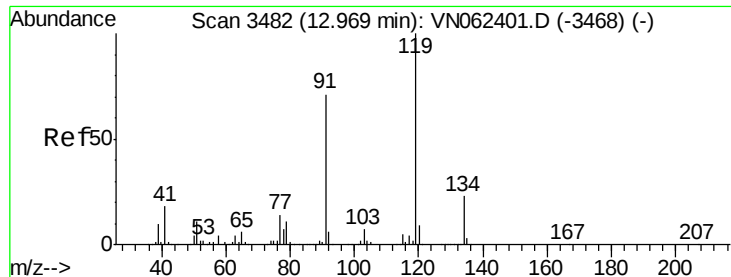
126 31.5 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

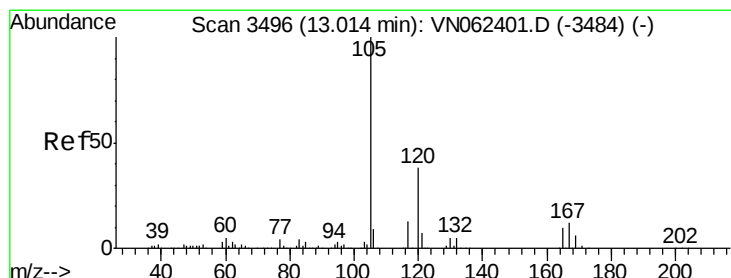
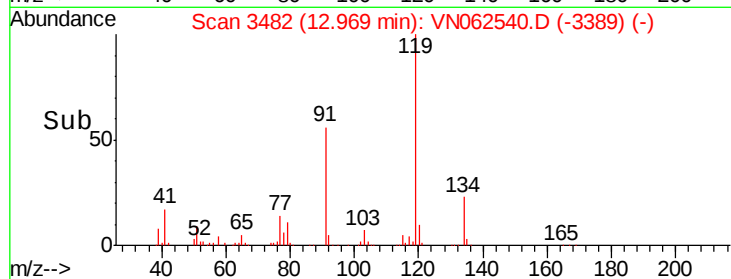
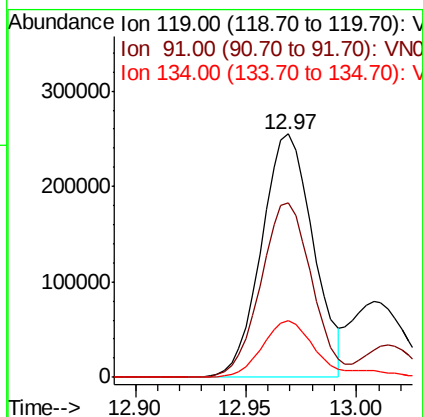
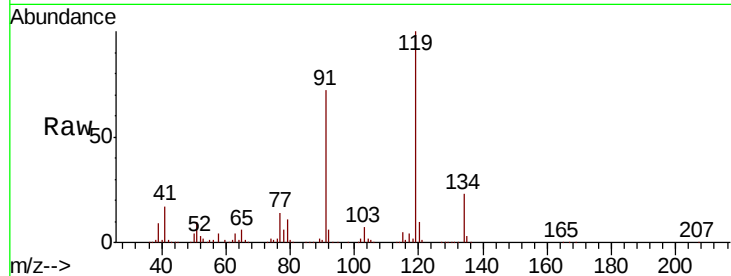




#83
 tert-Butylbenzene
 Concen: 49.179 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

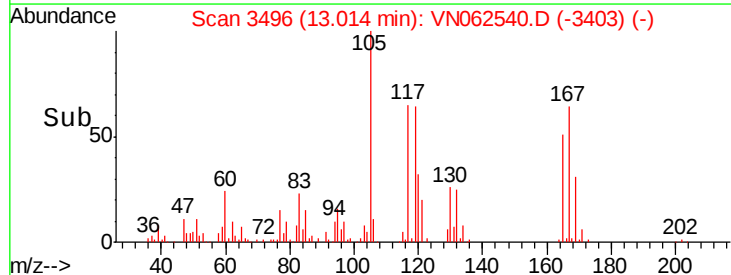
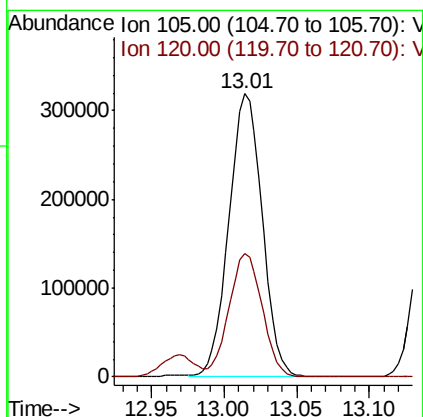
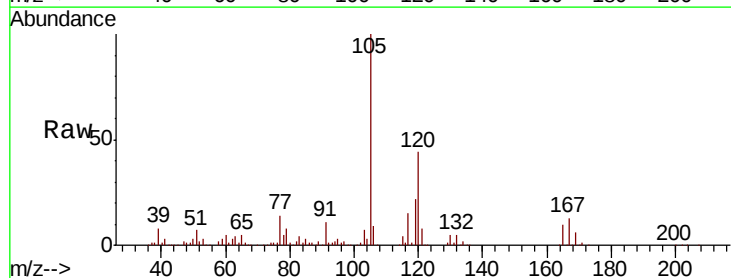
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

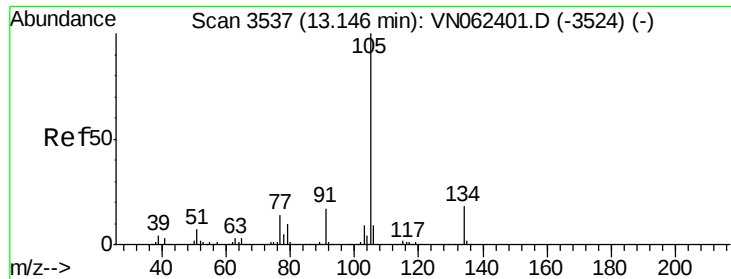
Tot Ion:119 Resp: 414682
 Ion Ratio Lower Upper
 119 100
 91 70.5 34.8 104.3
 134 23.2 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 51.361 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

Tgt Ion:105 Resp: 507262
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.6 64.8





#85

sec-Butylbenzene

Concen: 50.568 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

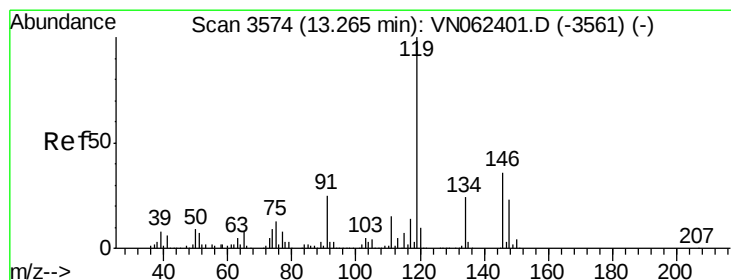
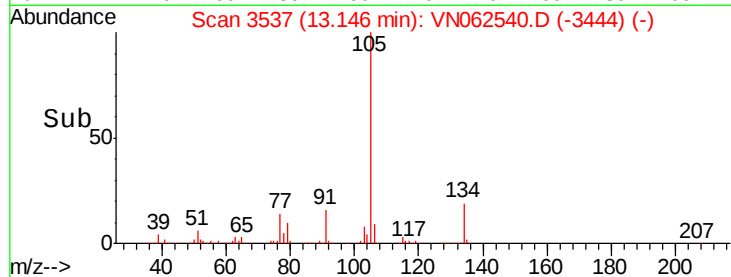
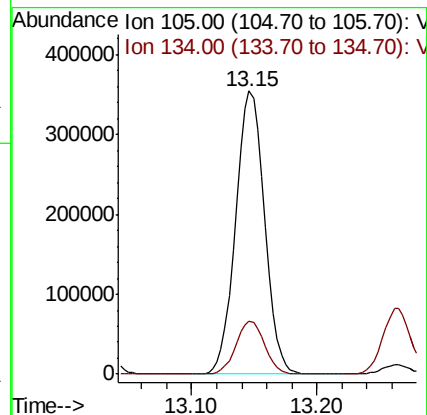
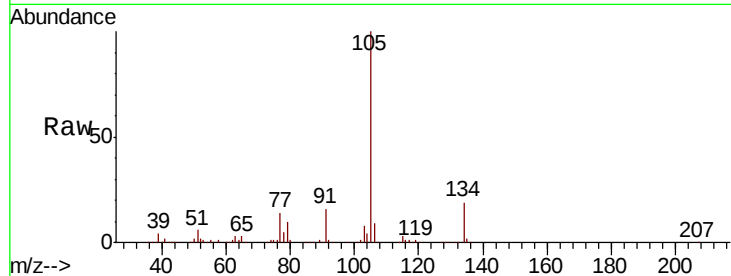
VSTDCCC050EC

Tot Ion:105 Resp: 565025

Ion Ratio Lower Upper

105 100

134 18.7 9.3 28.0



#86

p-Isopropyltoluene

Concen: 52.049 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

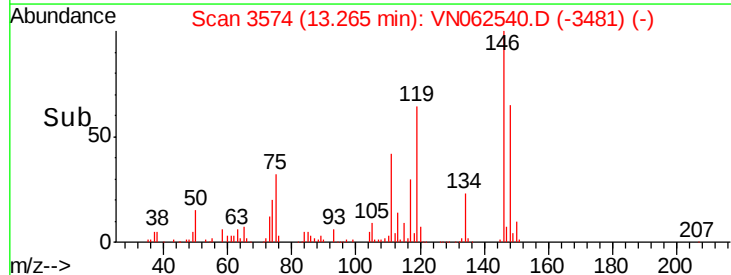
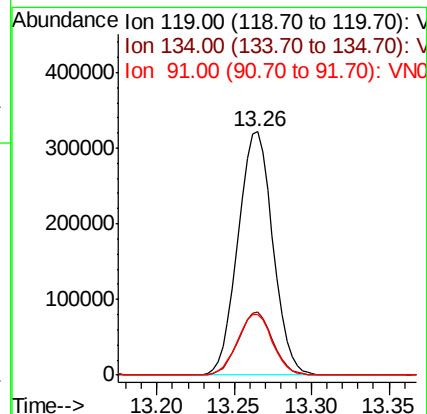
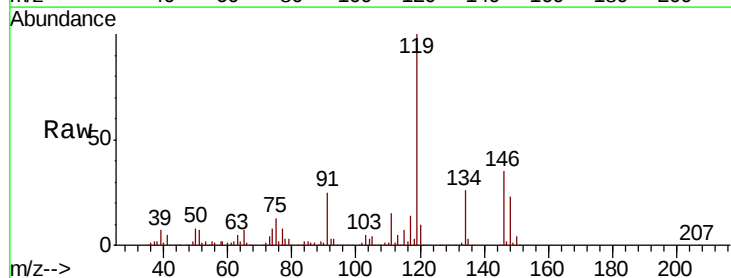
Tgt Ion:119 Resp: 501941

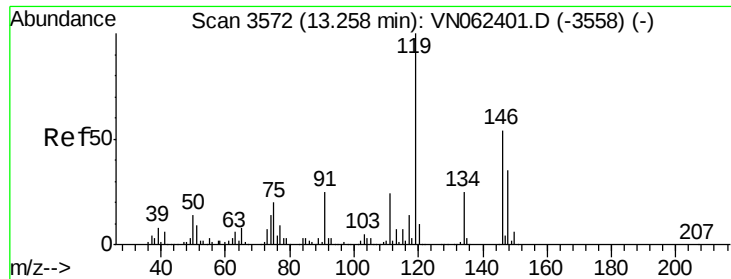
Ion Ratio Lower Upper

119 100

134 25.6 12.4 37.0

91 25.4 12.4 37.4

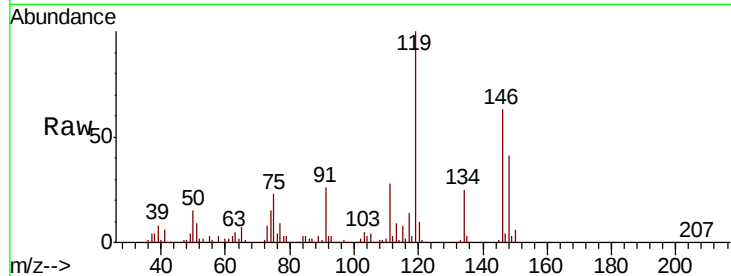




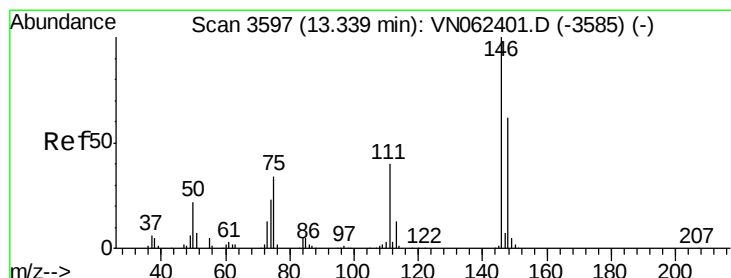
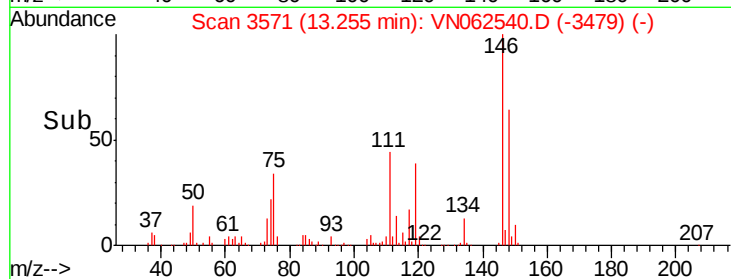
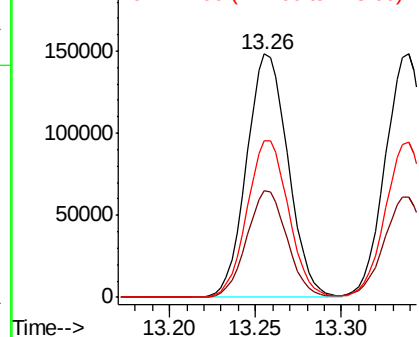
#87
 1,3-Dichlorobenzene
 Concen: 52.367 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 248933
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.6 64.6
 148 64.0 32.2 96.6

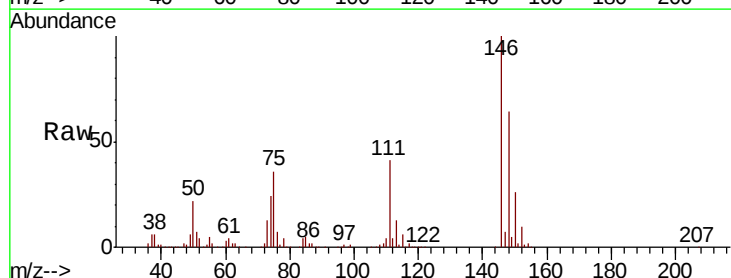


Abundance Ion 145.90 (145.60 to 146.60): V
 200000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

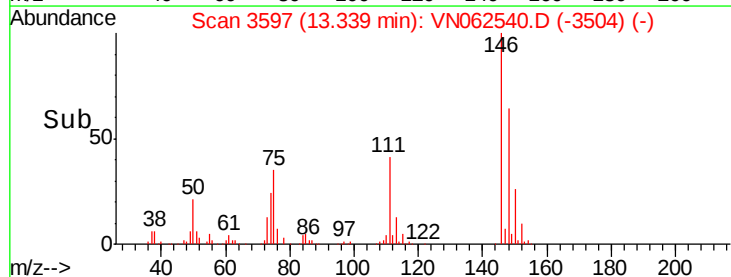
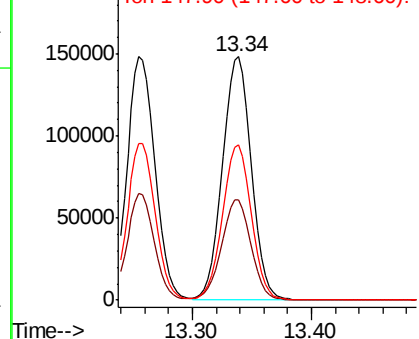


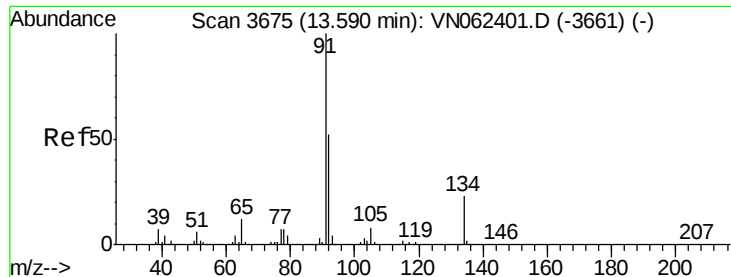
#88
 1,4-Dichlorobenzene
 Concen: 51.071 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

Tgt Ion:146 Resp: 249803
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.1 63.1
 148 63.3 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V
 200000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

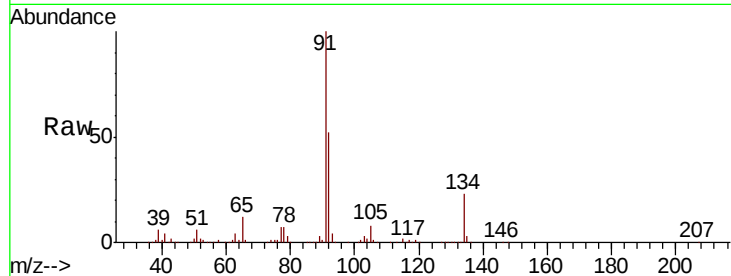




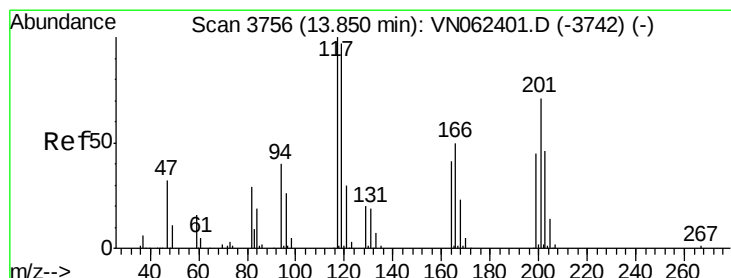
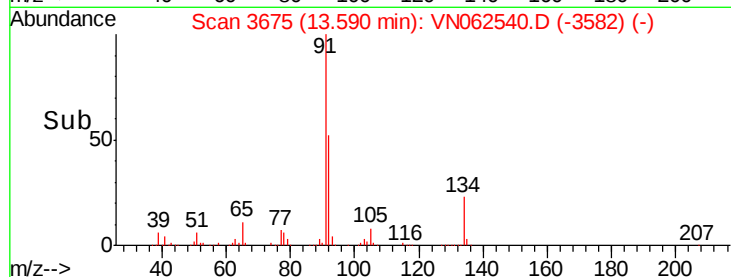
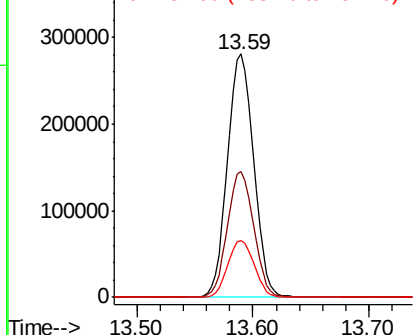
#89
n-Butylbenzene
Concen: 51.524 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 438730
Ion Ratio Lower Upper
91 100
92 51.9 25.9 77.7
134 23.6 11.6 34.8

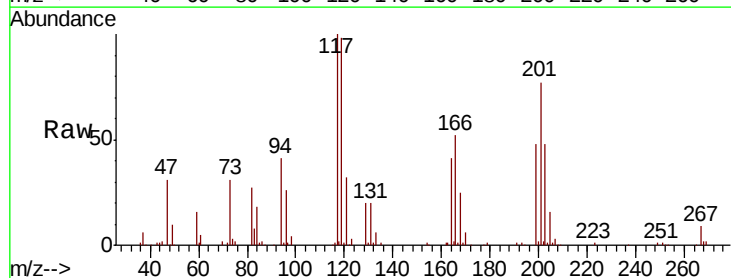


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

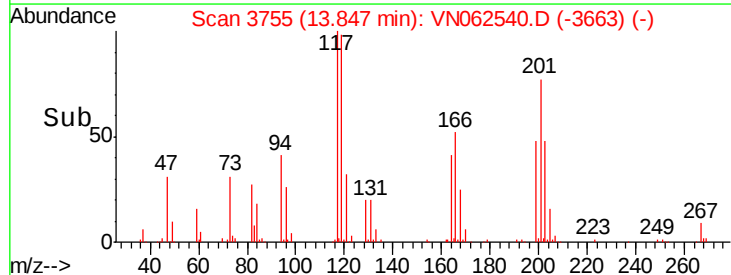
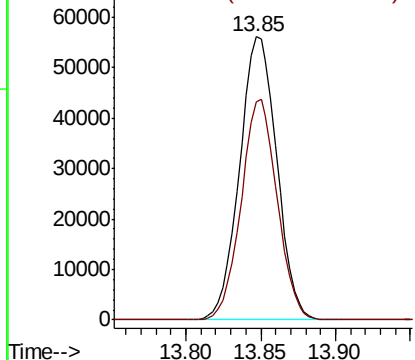


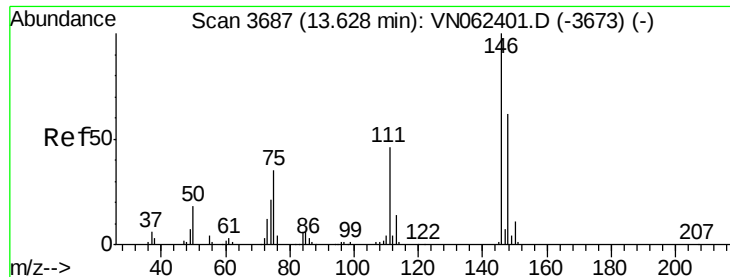
#90
Hexachloroethane
Concen: 51.213 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062540.D
Acq: 15 Jul 2020 16:56

Tgt Ion: 117 Resp: 97153
Ion Ratio Lower Upper
117 100
201 75.1 35.4 106.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

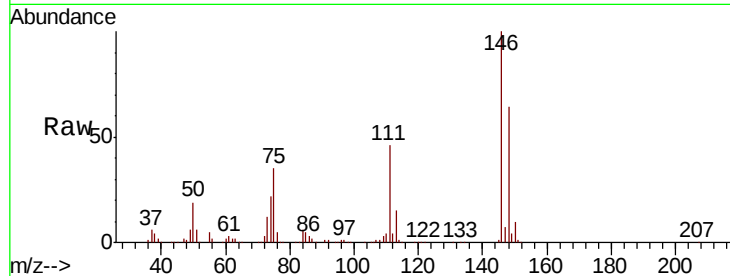




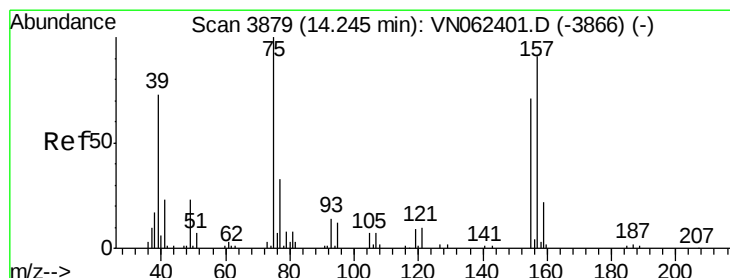
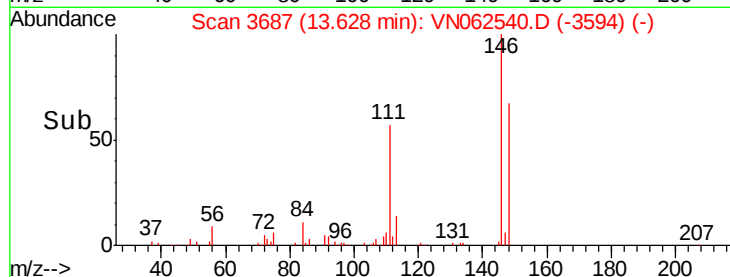
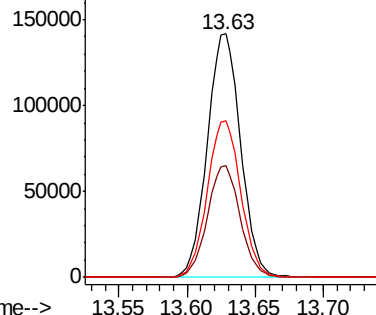
#91
 1,2-Dichlorobenzene
 Concen: 52.338 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.5	67.5
148	64.6	31.4	94.2

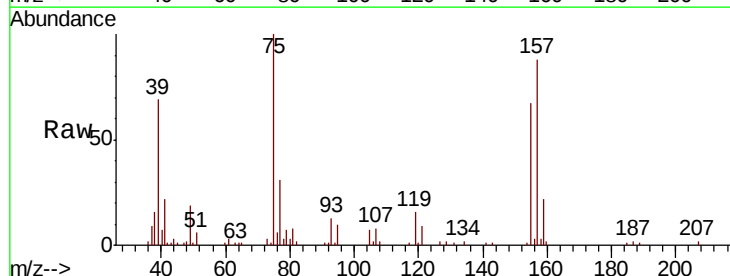


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

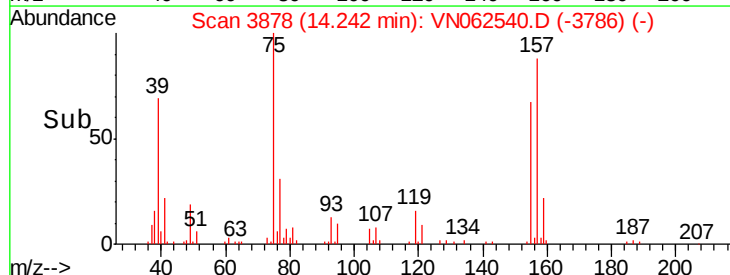
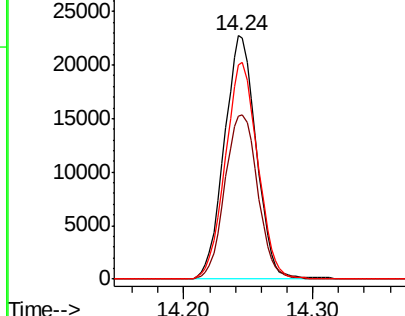


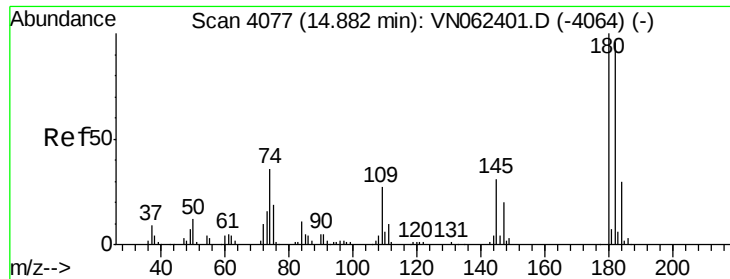
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.704 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.2	35.2	105.6
157	89.9	45.8	137.3



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

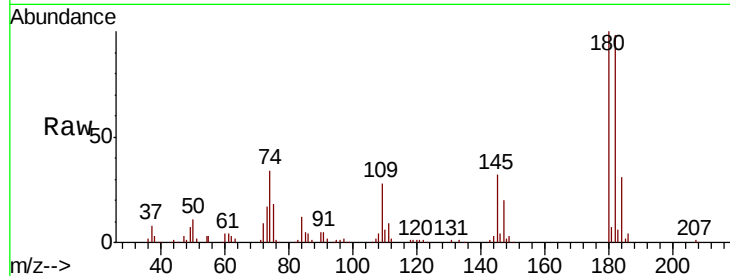




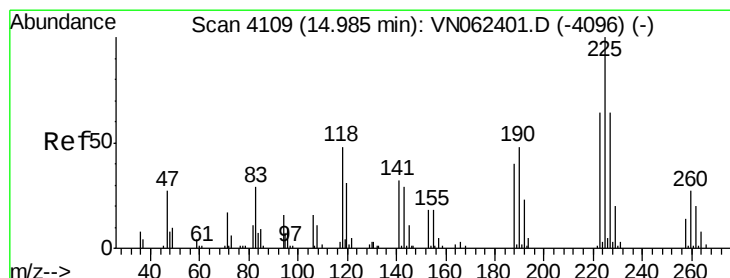
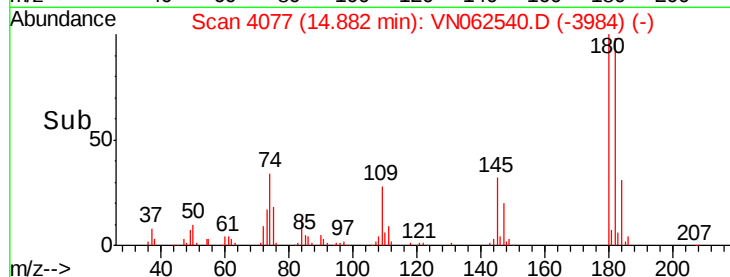
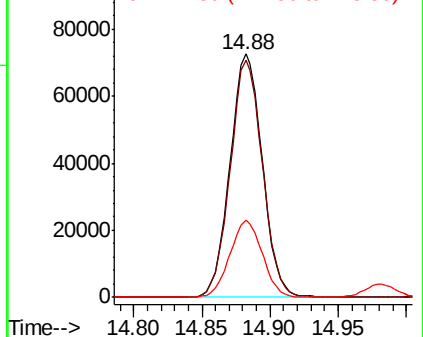
#93
 1,2,4-Trichlorobenzene
 Concen: 47.526 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 119209
 Ion Ratio Lower Upper
 180 100
 182 97.6 48.4 145.2
 145 31.8 15.5 46.5

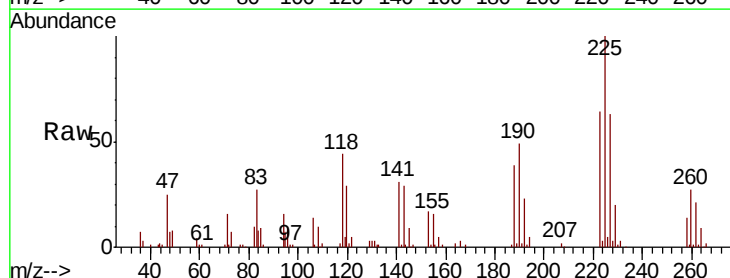


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

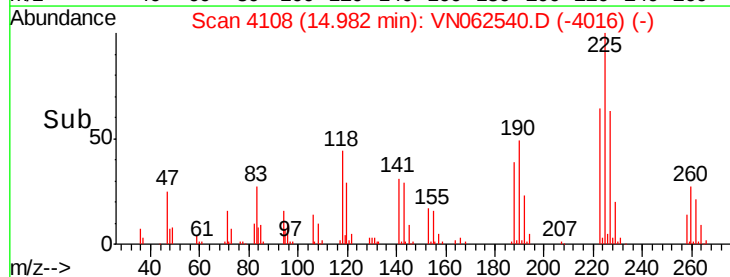
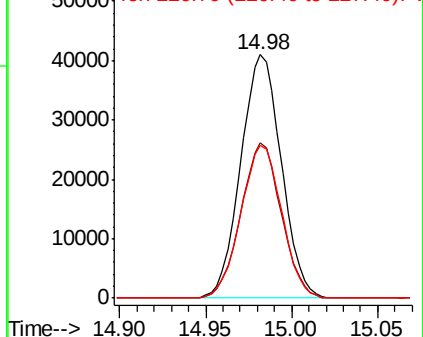


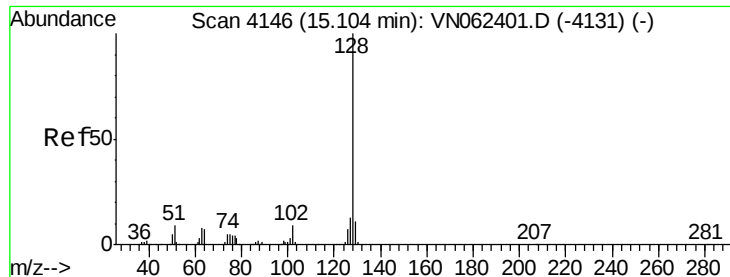
#94
 Hexachlorobutadiene
 Concen: 55.071 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062540.D
 Acq: 15 Jul 2020 16:56

Tgt Ion:225 Resp: 67205
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.3 96.8
 227 63.2 31.9 95.7



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





#95

Naphthalene

Concen: 51.688 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

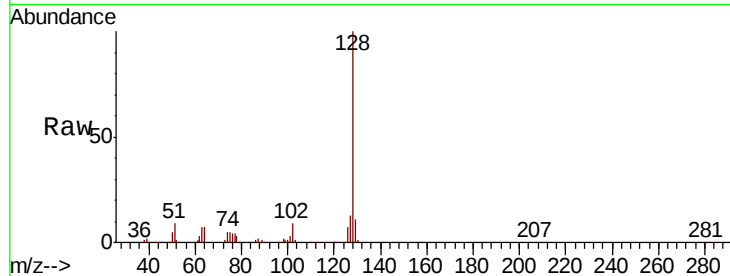
Tot Ion:128 Resp: 310267

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

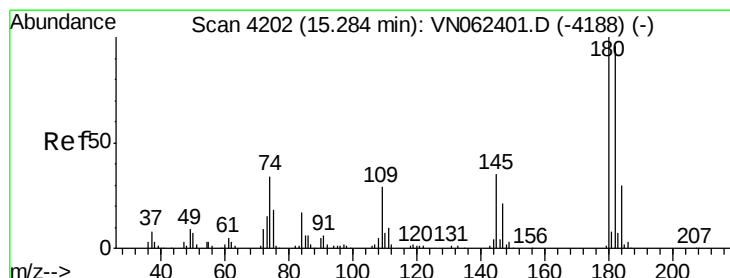
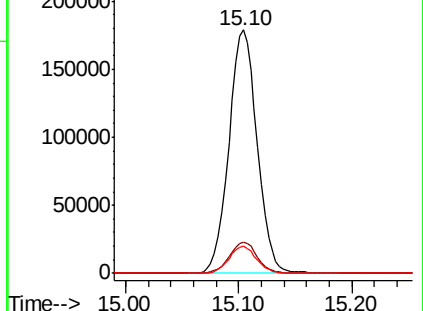
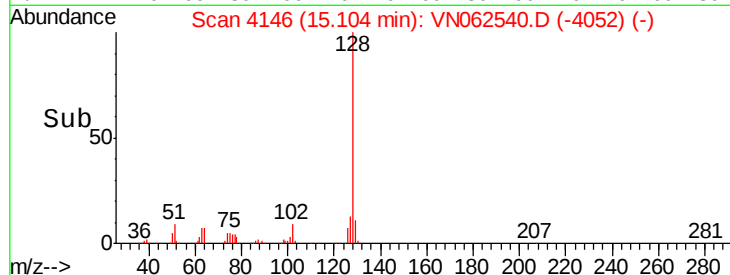
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.014 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062540.D

Acq: 15 Jul 2020 16:56

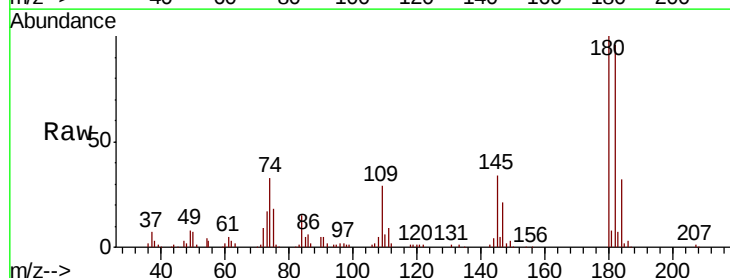
Tgt Ion:180 Resp: 121134

Ion Ratio Lower Upper

180 100

182 95.0 47.8 143.4

145 33.2 17.0 50.9



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

