

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070920\
 Data File : VN062455.D
 Acq On : 9 Jul 2020 14:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 09 15:01:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	225081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	399158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	361905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	162948	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	170399	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	7.55	113	121362	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	10.06	98	481492	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.38	95	178391	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	114617	49.993	ug/l	97
3) Chloromethane	2.03	50	166857	45.357	ug/l	100
4) Vinyl Chloride	2.16	62	158449	52.573	ug/l	99
5) Bromomethane	2.52	94	55644	34.376	ug/l	99
6) Chloroethane	2.66	64	96307	54.864	ug/l	97
7) Trichlorofluoromethane	2.98	101	204958	53.545	ug/l	100
8) Diethyl Ether	3.37	74	89761	52.442	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	117822	51.925	ug/l	99
10) Methyl Iodide	3.91	142	91185	30.434	ug/l	100
11) Tert butyl alcohol	4.73	59	145616	253.557	ug/l	100
12) 1,1-Dichloroethene	3.70	96	120567	52.189	ug/l	99
13) Acrolein	3.57	56	98194	237.023	ug/l	98
14) Allyl chloride	4.28	41	266704	49.086	ug/l	96
15) Acrylonitrile	4.93	53	394375	261.839	ug/l	99
16) Acetone	3.77	43	341639	232.435	ug/l	100
17) Carbon Disulfide	4.01	76	353120	48.779	ug/l	100
18) Methyl Acetate	4.28	43	177997	48.526	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	464691	53.054	ug/l	97
20) Methylene Chloride	4.50	84	149472	47.563	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	128464	51.328	ug/l	96
22) Diisopropyl ether	5.91	45	548155	51.064	ug/l	95
23) Vinyl Acetate	5.84	43	2314875	260.321	ug/l	100
24) 1,1-Dichloroethane	5.80	63	284179	51.231	ug/l	99
25) 2-Butanone	6.79	43	542951	252.937	ug/l	97
26) 2,2-Dichloropropane	6.77	77	215935	50.771	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	153853	53.072	ug/l	98
28) Bromochloromethane	7.15	49	141791	47.050	ug/l	97
29) Tetrahydrofuran	7.17	42	370186	256.149	ug/l	98
30) Chloroform	7.33	83	264178	52.747	ug/l	99
31) Cyclohexane	7.61	56	251255	47.780	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	218929	52.551	ug/l	99
36) 1,1-Dichloropropene	7.75	75	202714	50.408	ug/l	100
37) Ethyl Acetate	6.88	43	230159	48.946	ug/l	99
38) Carbon Tetrachloride	7.73	117	186303	51.530	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	222623	51.853	ug/l	96
40) Benzene	8.00	78	597858	50.443	ug/l	99
41) Methacrylonitrile	7.12	41	94737	48.220	ug/l	94
42) 1,2-Dichloroethane	8.09	62	222625	51.299	ug/l	100
43) Isopropyl Acetate	8.13	43	381303	51.330	ug/l	94
44) Trichloroethene	8.80	130	135806	51.644	ug/l	97
45) 1,2-Dichloropropane	9.09	63	172040	50.003	ug/l	98
46) Dibromomethane	9.18	93	99282	51.133	ug/l	100
47) Bromodichloromethane	9.37	83	215231	51.849	ug/l	98
48) Methyl methacrylate	9.17	41	184651	50.675	ug/l	98
49) 1,4-Dioxane	9.17	88	55423	1044.989	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1152823	259.830	ug/l	99
52) Toluene	10.12	92	353921	51.698	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	242886	52.226	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	262683	51.192	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	139251	51.717	ug/l	97
56) Ethyl methacrylate	10.40	69	247253	49.901	ug/l	99
57) 1,3-Dichloropropane	10.68	76	257312	51.727	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	436686	273.376	ug/l	97
59) 2-Hexanone	10.72	43	838153	260.214	ug/l	98
60) Dibromochloromethane	10.87	129	153911	52.719	ug/l	99
61) 1,2-Dibromoethane	10.98	107	144678	53.229	ug/l	100
64) Tetrachloroethene	10.60	164	111072	51.721	ug/l	98
65) Chlorobenzene	11.41	112	371012	52.747	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	136655	52.685	ug/l	99
67) Ethyl Benzene	11.48	91	699075	52.949	ug/l	99
68) m/p-Xylenes	11.60	106	502292	107.467	ug/l	98
69) o-Xylene	11.92	106	245583	53.966	ug/l	97
70) Styrene	11.94	104	416232	55.343	ug/l	100
71) Bromoform	12.10	173	104236	54.819	ug/l #	99
73) Isopropylbenzene	12.22	105	659941	52.338	ug/l	100
74) N-amyl acetate	12.04	43	337072	54.922	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	220464	52.000	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	283903	71.008	ug/l #	100
77) Bromobenzene	12.50	156	148817	51.914	ug/l	97
78) n-propylbenzene	12.56	91	779998	52.957	ug/l	100
79) 2-Chlorotoluene	12.65	91	465249	52.045	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	552688	53.468	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	69879	46.780	ug/l	99
82) 4-Chlorotoluene	12.75	91	478445	52.719	ug/l	99
83) tert-Butylbenzene	12.97	119	467247	53.265	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	544697	53.014	ug/l	99
85) sec-Butylbenzene	13.15	105	622877	53.586	ug/l	100
86) p-Isopropyltoluene	13.27	119	546792	54.502	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	262907	53.163	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	263452	51.774	ug/l	99
89) n-Butylbenzene	13.59	91	472399	53.328	ug/l	100
90) Hexachloroethane	13.85	117	97578	49.444	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	257728	53.902	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	42012	54.300	ug/l	99

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Response via : Initial Calibration

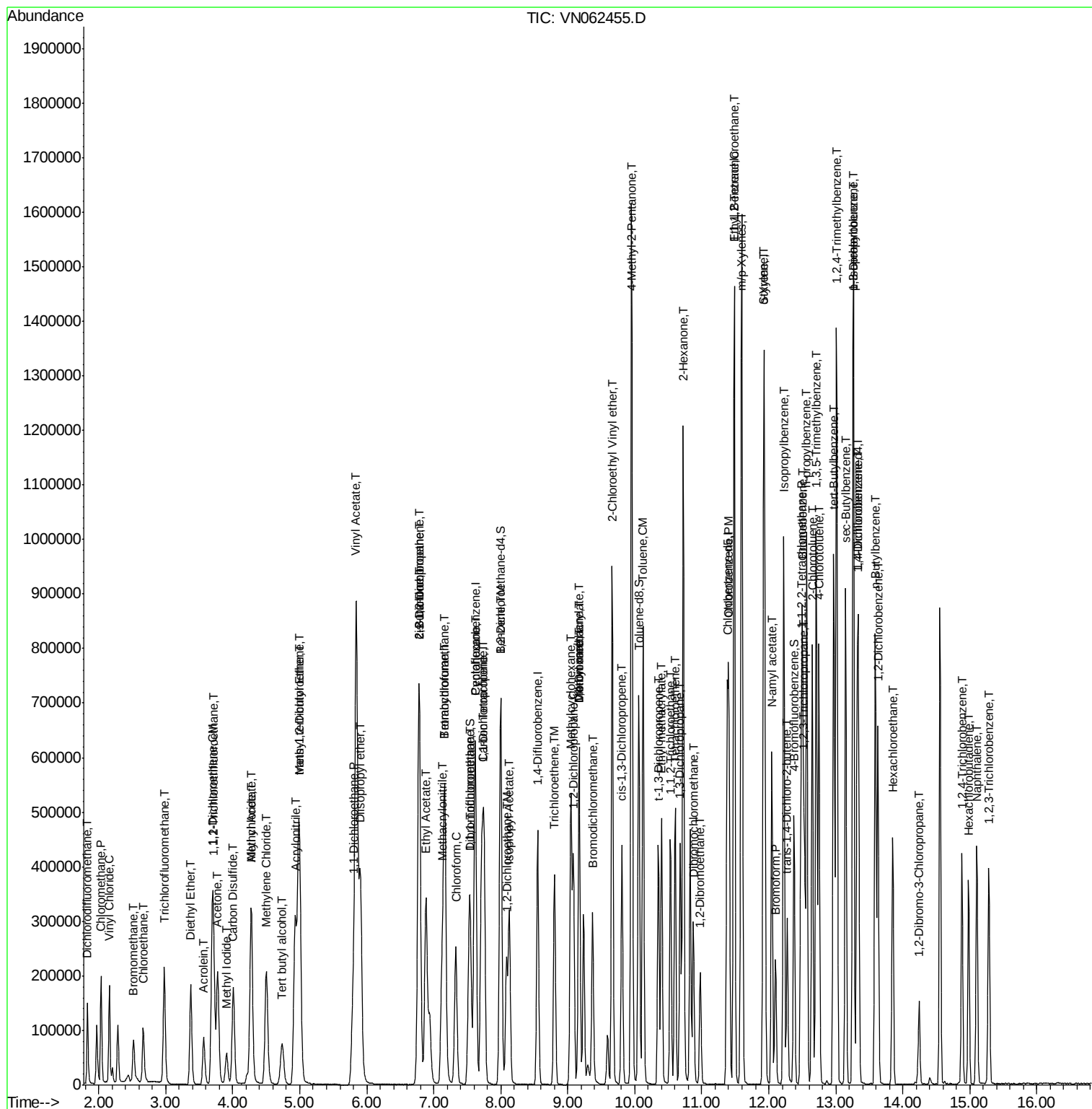
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	126178	54.898	ug/l	99
94) Hexachlorobutadiene	14.98	225	66805	52.622	ug/l	96
95) Naphthalene	15.10	128	355788	56.250	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	125948	48.989	ug/l	99

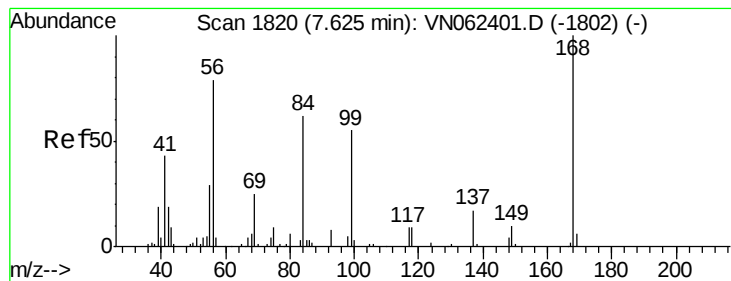
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

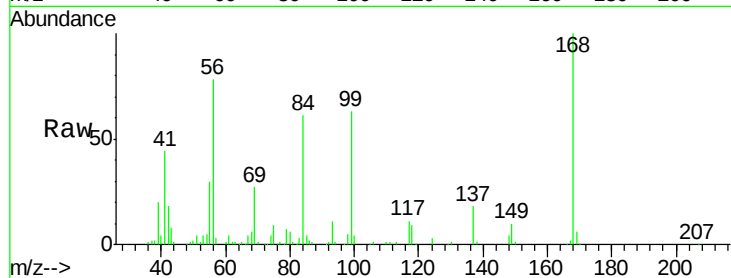
VSTDCCC050EC

Tgt Ion:168 Resp: 225081

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

7.63

100000

80000

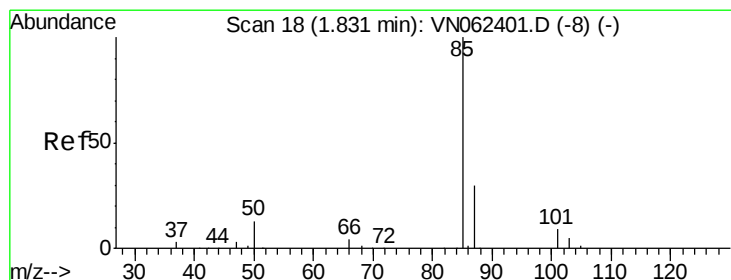
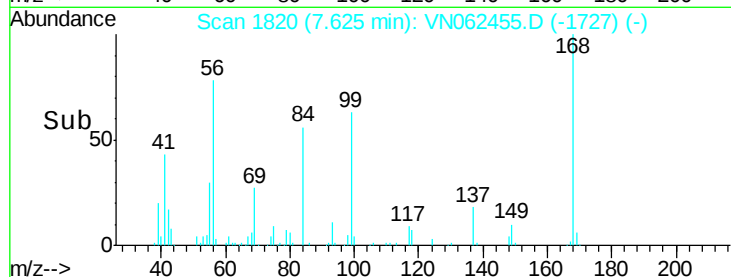
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.993 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062455.D

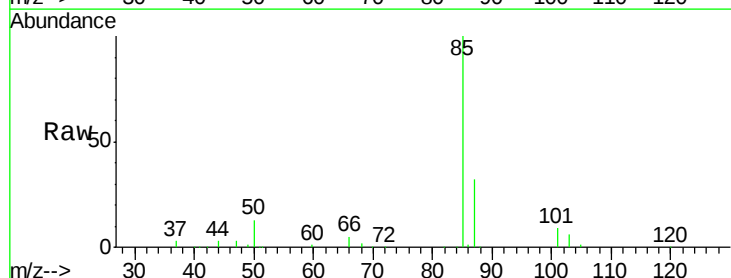
Acq: 9 Jul 2020 14:17

Tgt Ion: 85 Resp: 114617

Ion Ratio Lower Upper

85 100

87 32.0 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

80000

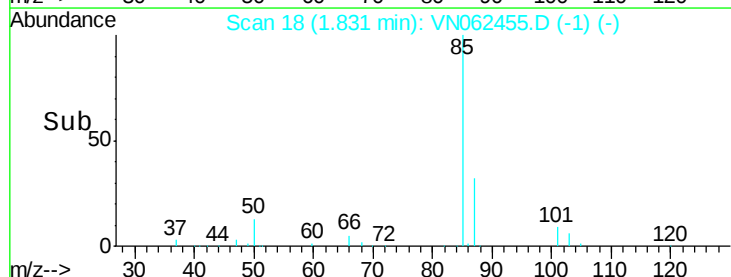
60000

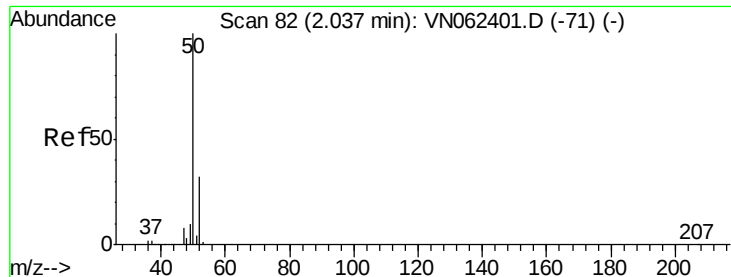
40000

20000

0

Time-->





#3

Chloromethane

Concen: 45.357 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

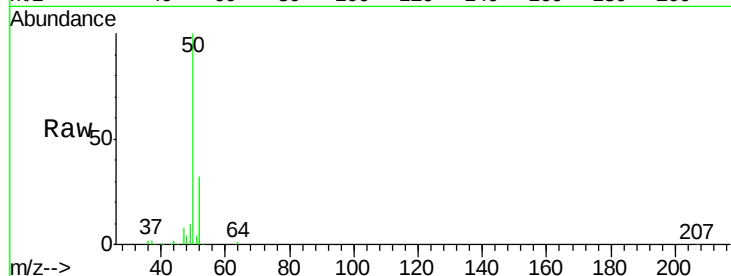
VSTDCCC050EC

Tgt Ion: 50 Resp: 166857

Ion Ratio Lower Upper

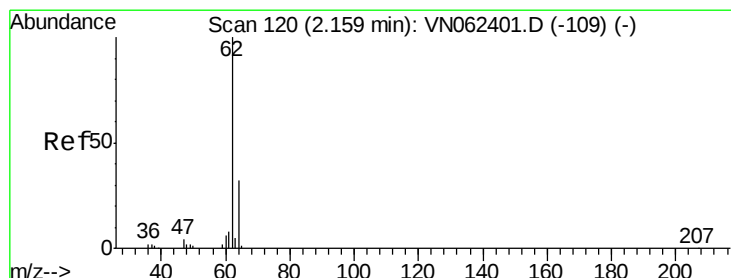
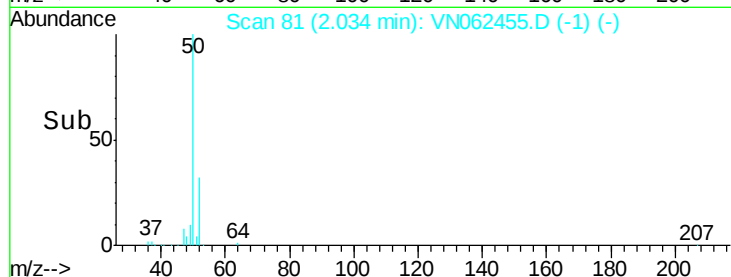
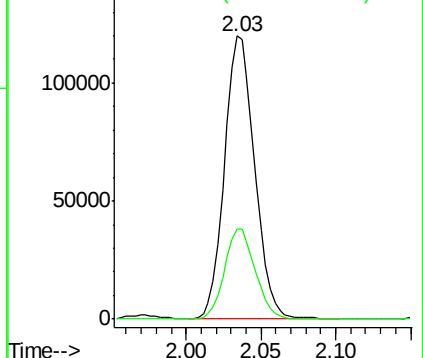
50 100

52 32.0 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 52.573 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062455.D

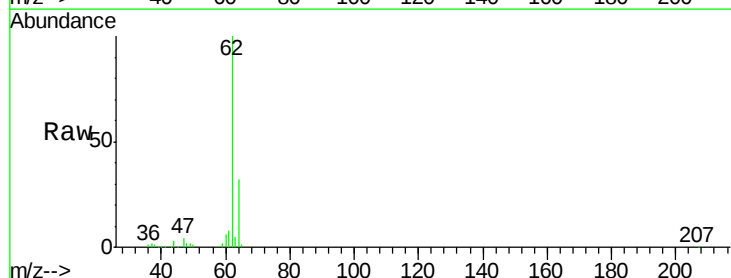
Acq: 9 Jul 2020 14:17

Tgt Ion: 62 Resp: 158449

Ion Ratio Lower Upper

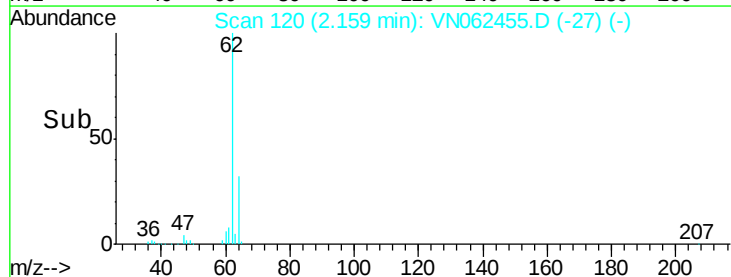
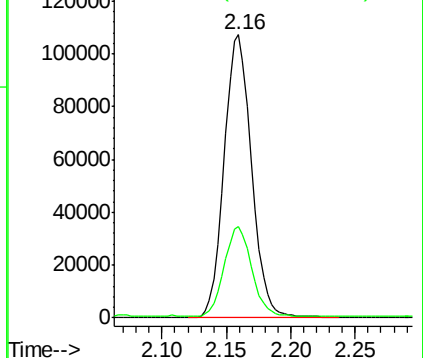
62 100

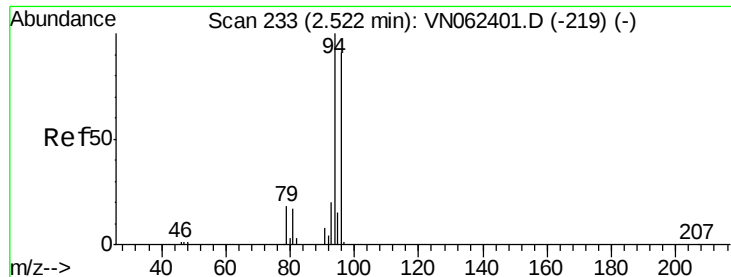
64 31.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 34.376 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

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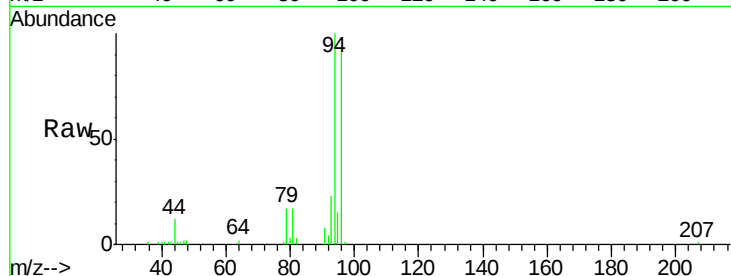
VSTDCCC050EC

Tgt Ion: 94 Resp: 55644

Ion Ratio Lower Upper

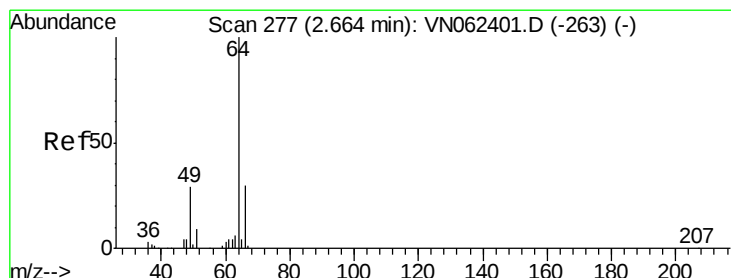
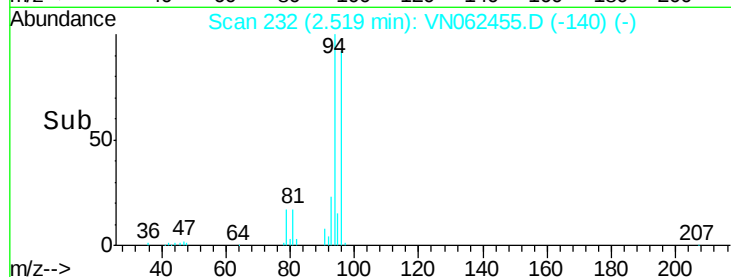
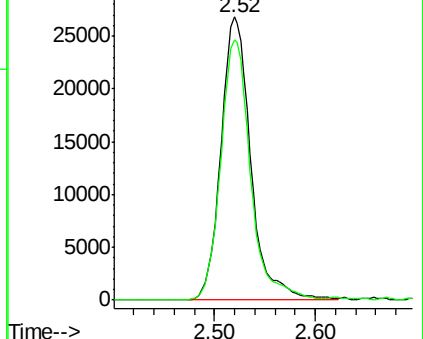
94 100

96 92.2 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 54.864 ug/l

RT: 2.66 min Scan# 277

Delta R.T. 0.00 min

Lab File: VN062455.D

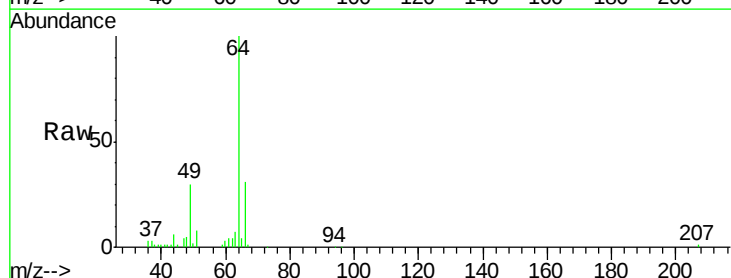
Acq: 9 Jul 2020 14:17

Tgt Ion: 64 Resp: 96307

Ion Ratio Lower Upper

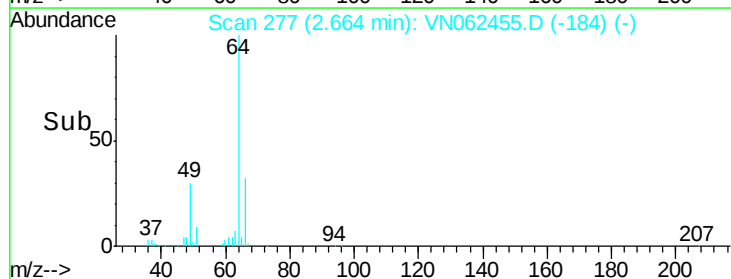
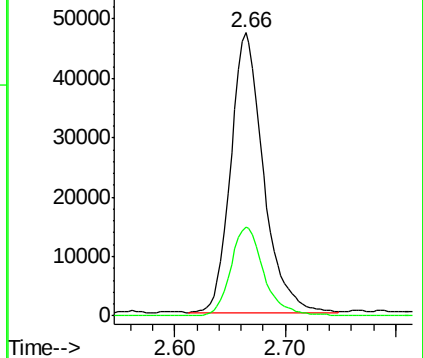
64 100

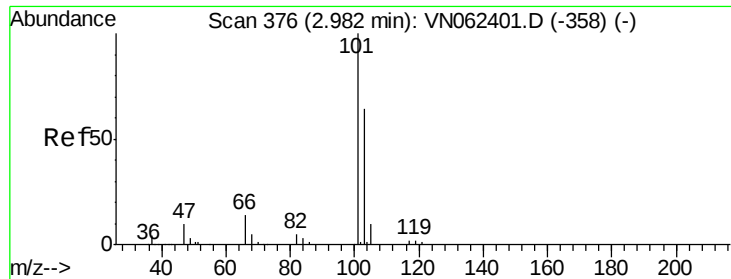
66 31.7 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



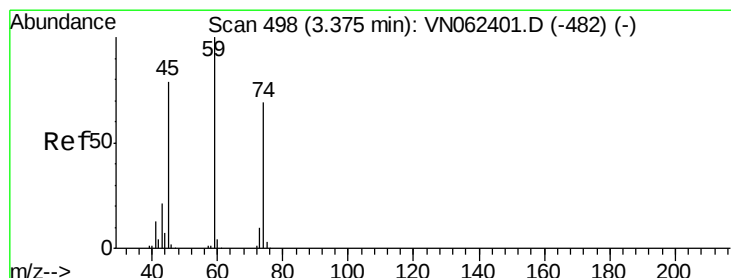
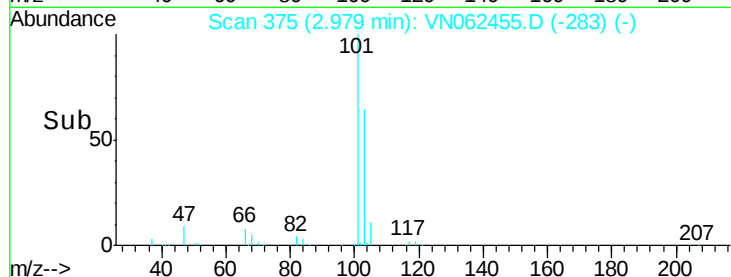
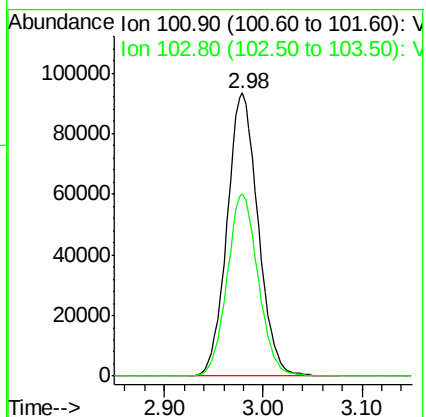
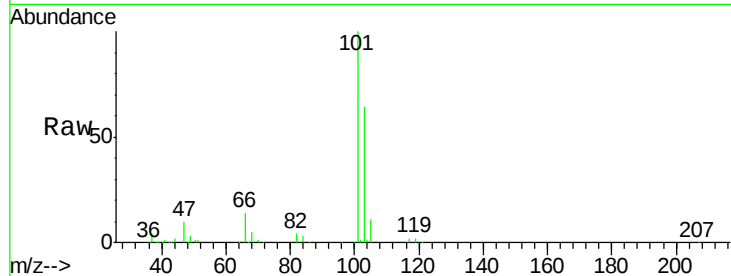


#7

Trichlorofluoromethane
Concen: 53.545 ug/l
RT: 2.98 min Scan# 375
Delta R.T. -0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

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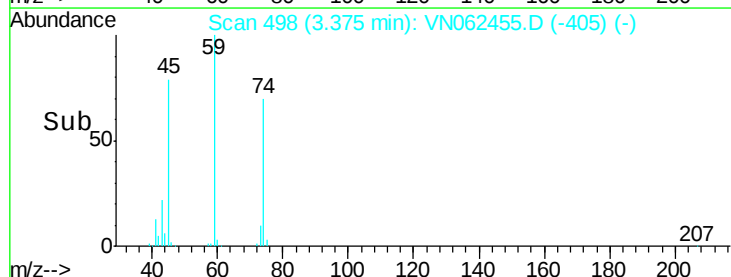
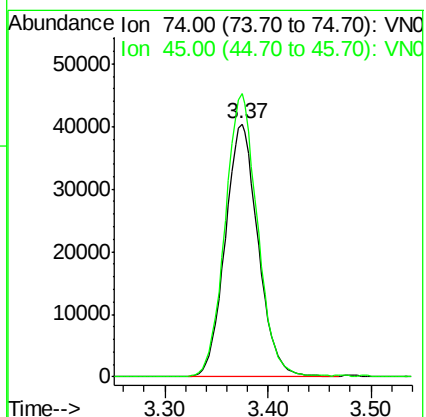
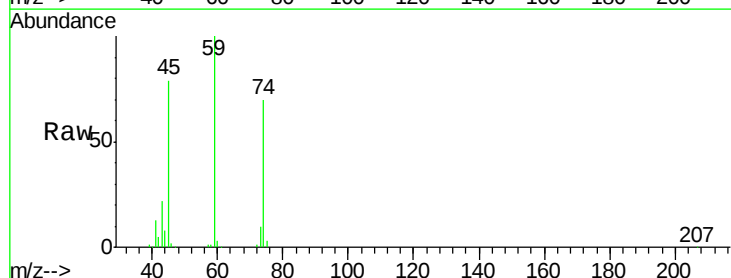
Tgt Ion: 101 Resp: 204958
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

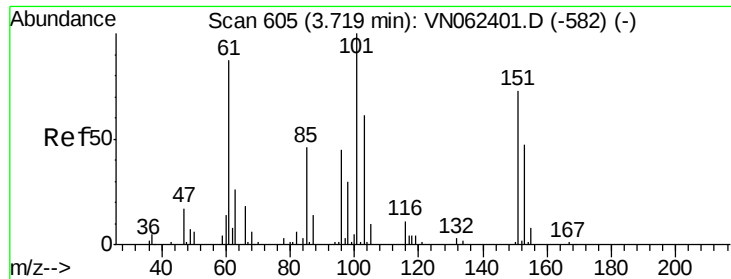


#8

Diethyl Ether
Concen: 52.442 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion: 74 Resp: 89761
Ion Ratio Lower Upper
74 100
45 110.5 58.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.925 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

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VSTDCCC050EC

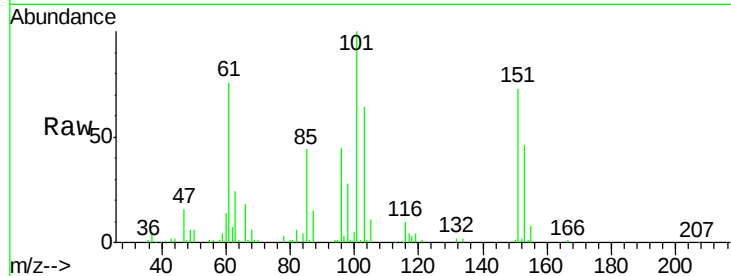
Tgt Ion:101 Resp: 117822

Ion Ratio Lower Upper

101 100

85 45.3 36.7 55.1

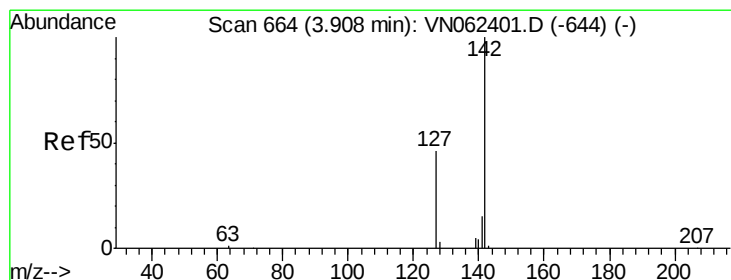
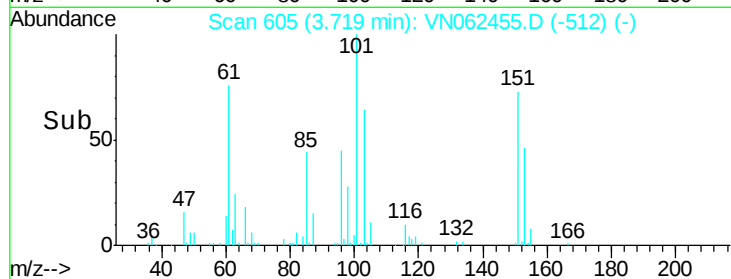
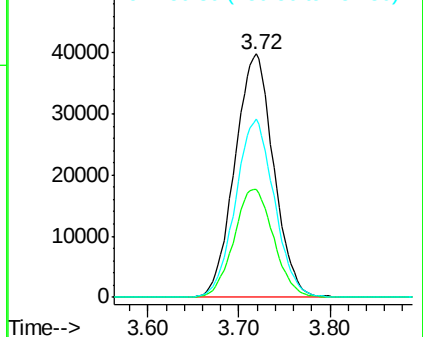
151 73.2 58.3 87.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 30.434 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

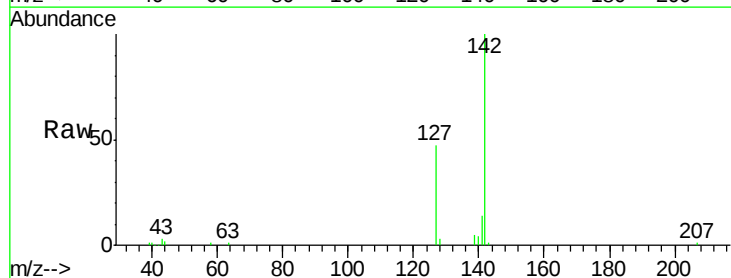
Tgt Ion:142 Resp: 91185

Ion Ratio Lower Upper

142 100

127 45.3 36.1 54.1

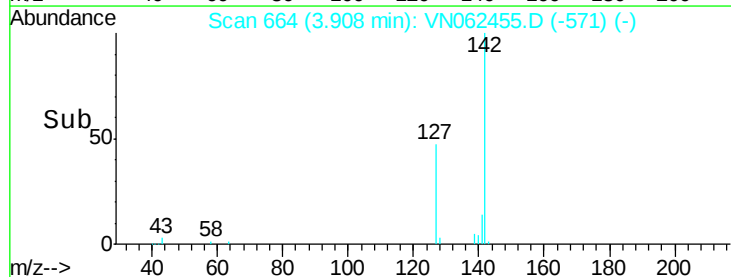
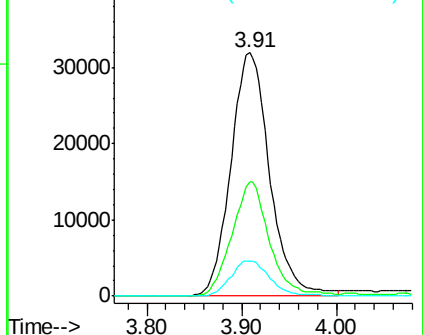
141 14.4 11.4 17.0

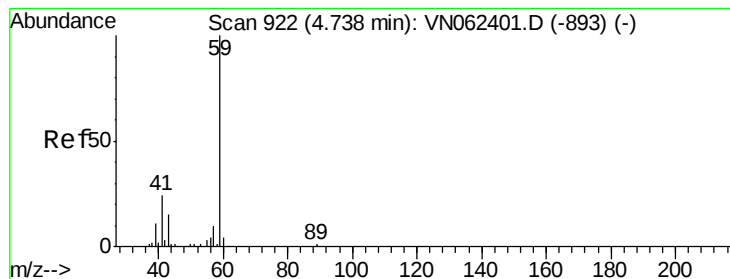


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



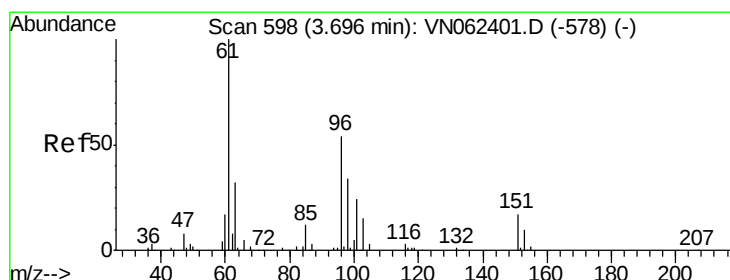
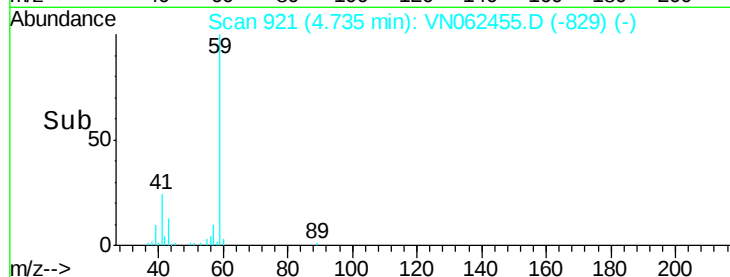
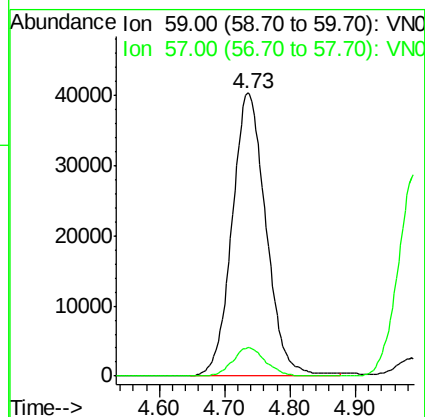
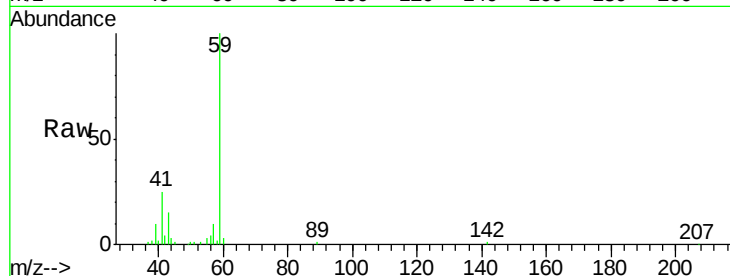


#11

Tert butyl alcohol
 Concen: 253.557 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

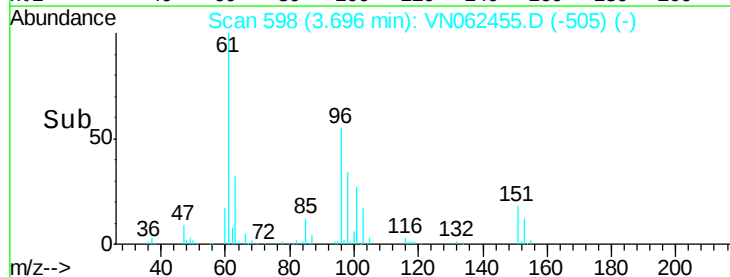
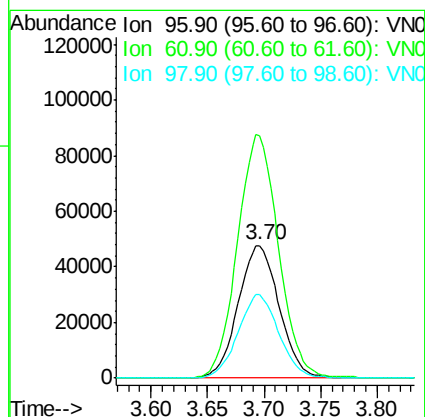
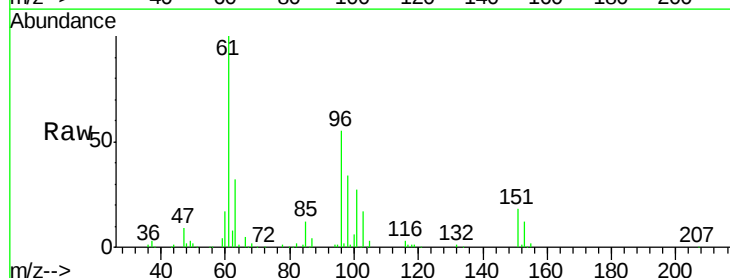
Tgt Ion: 59 Resp: 145616
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.8 11.6

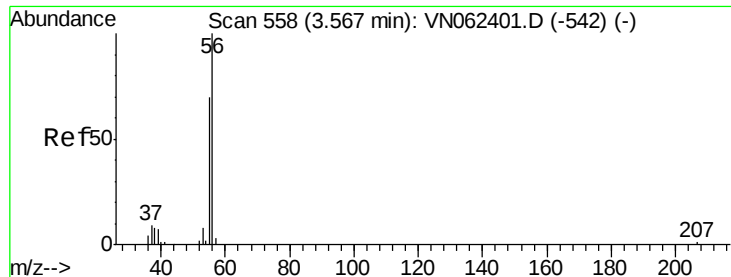


#12

1,1-Dichloroethene
 Concen: 52.189 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion: 96 Resp: 120567
 Ion Ratio Lower Upper
 96 100
 61 182.4 147.4 221.0
 98 62.5 50.4 75.6





#13

Acrolein

Concen: 237.023 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

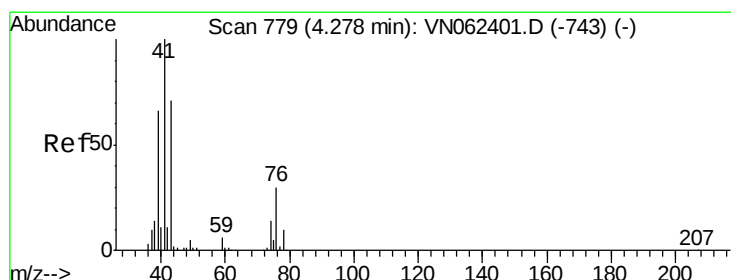
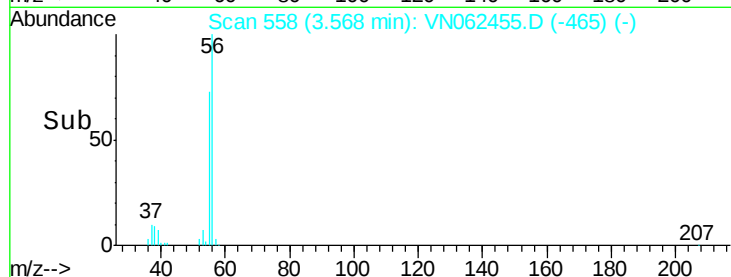
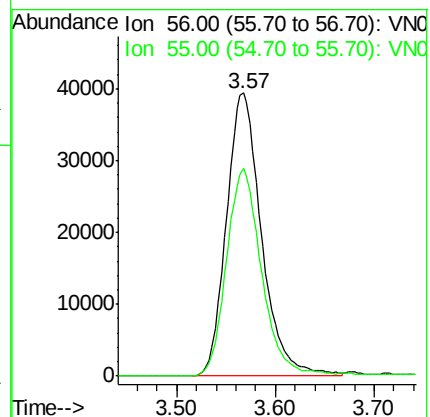
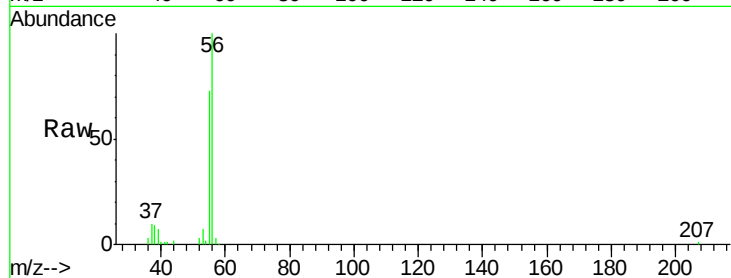
VSTDCCC050EC

Tgt Ion: 56 Resp: 98194

Ion Ratio Lower Upper

56 100

55 73.1 57.2 85.8



#14

Allyl chloride

Concen: 49.086 ug/l

RT: 4.28 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

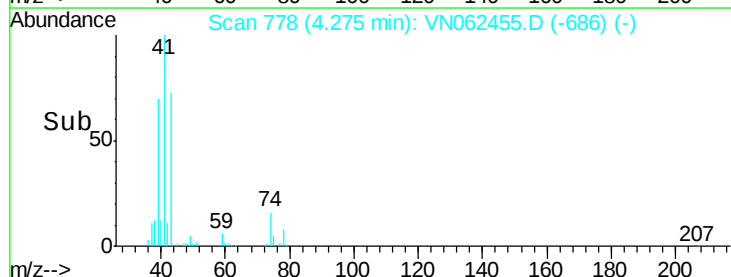
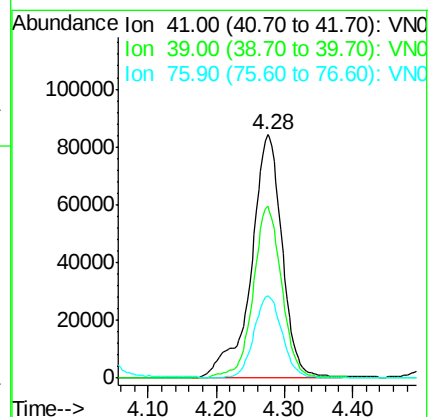
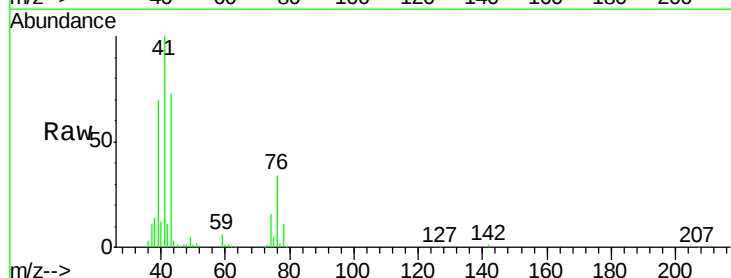
Tgt Ion: 41 Resp: 266704

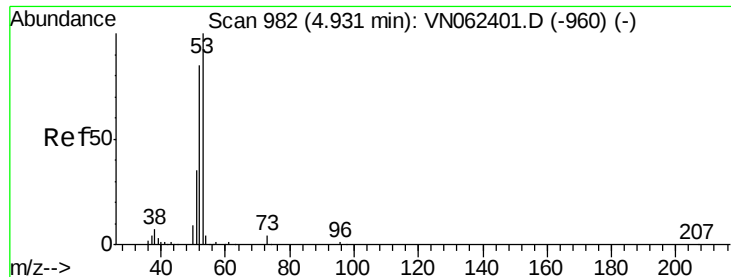
Ion Ratio Lower Upper

41 100

39 64.7 49.6 74.4

76 29.8 22.2 33.4





#15

Acrylonitrile

Concen: 261.839 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

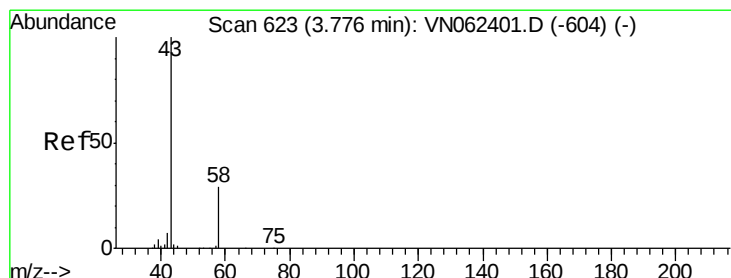
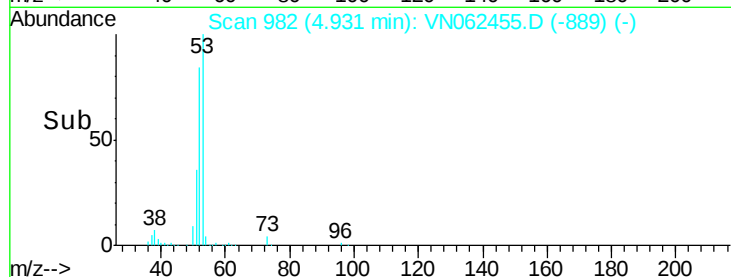
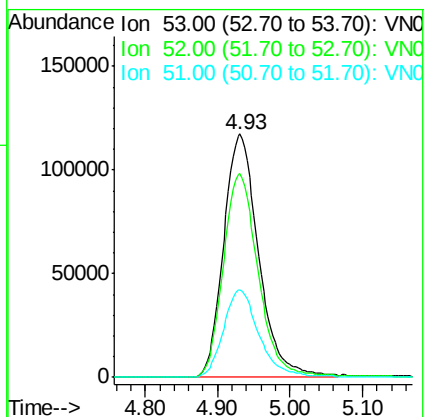
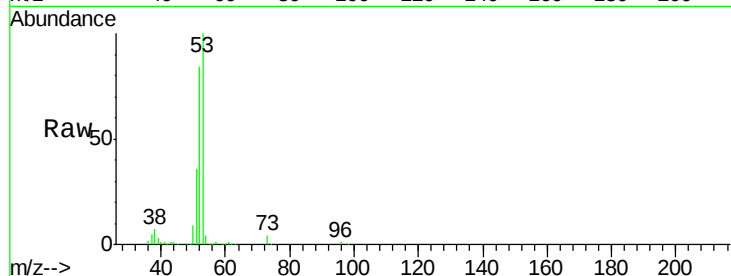
Tgt Ion: 53 Resp: 394375

Ion Ratio Lower Upper

53 100

52 83.3 66.2 99.4

51 36.6 28.7 43.1



#16

Acetone

Concen: 232.435 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062455.D

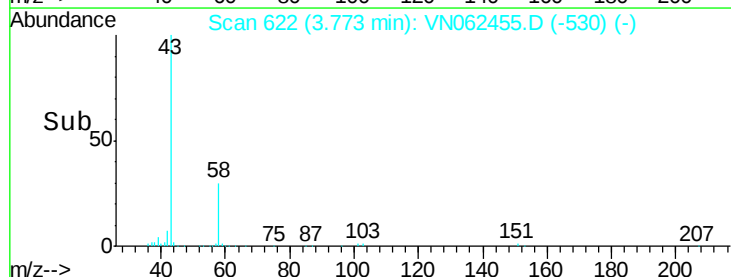
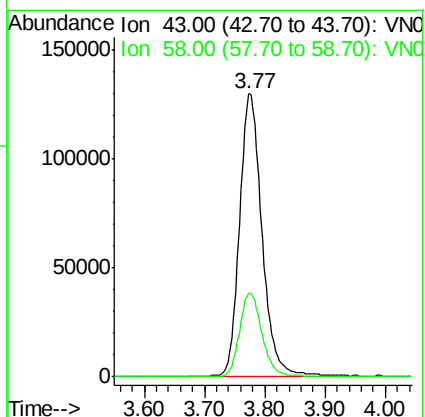
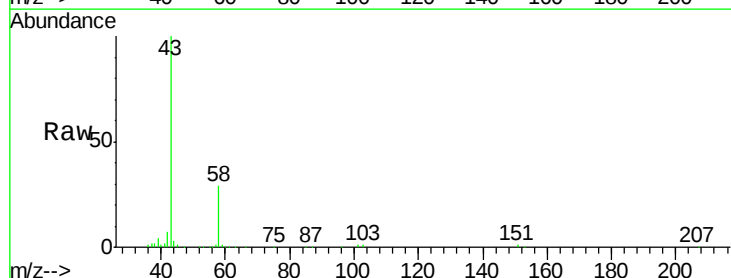
Acq: 9 Jul 2020 14:17

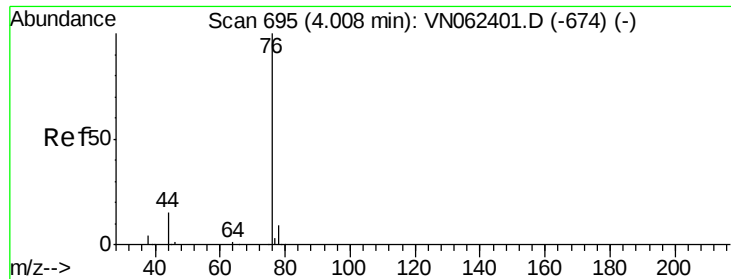
Tgt Ion: 43 Resp: 341639

Ion Ratio Lower Upper

43 100

58 29.5 23.5 35.3

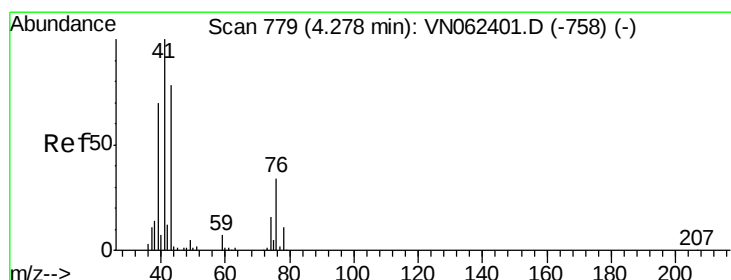
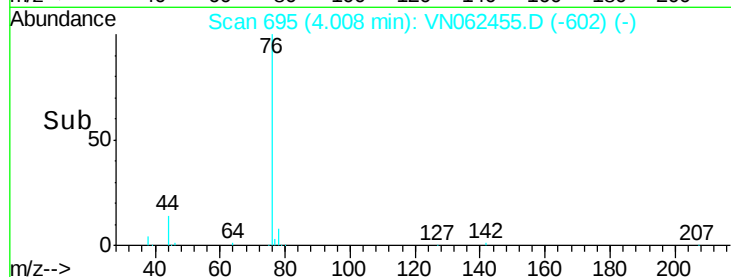
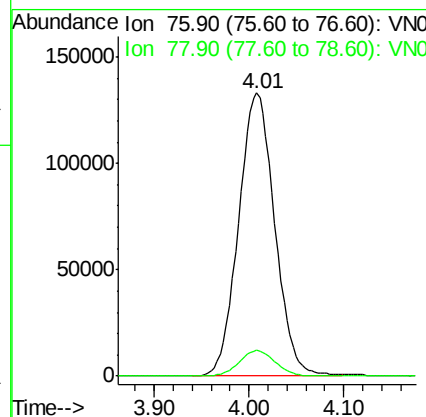
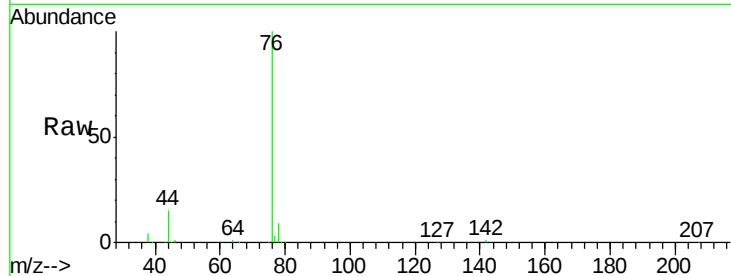




#17
Carbon Disulfide
Concen: 48.779 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

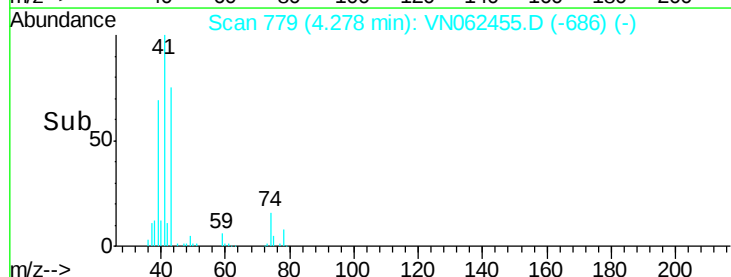
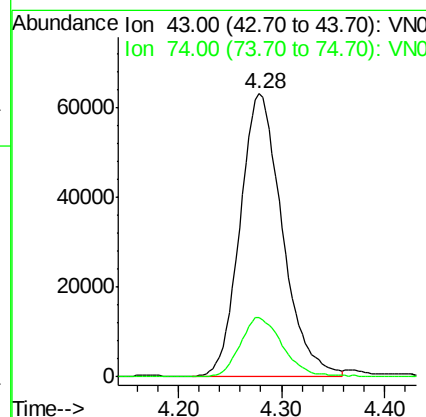
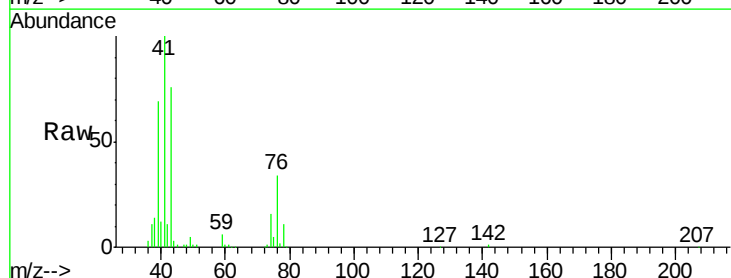
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

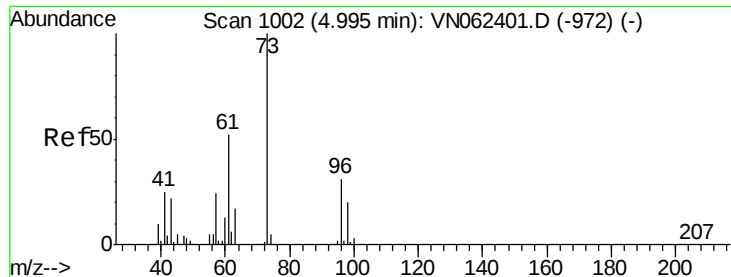
Tgt Ion: 76 Resp: 353120
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 48.526 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion: 43 Resp: 177997
Ion Ratio Lower Upper
43 100
74 21.1 16.0 24.0



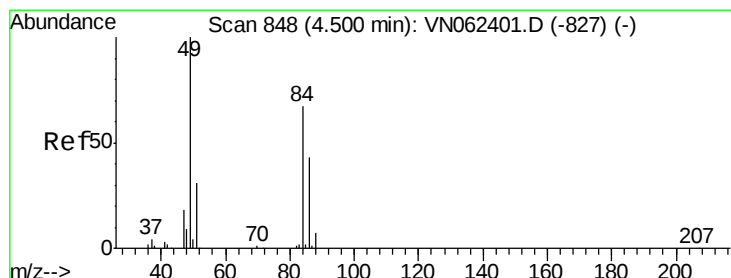
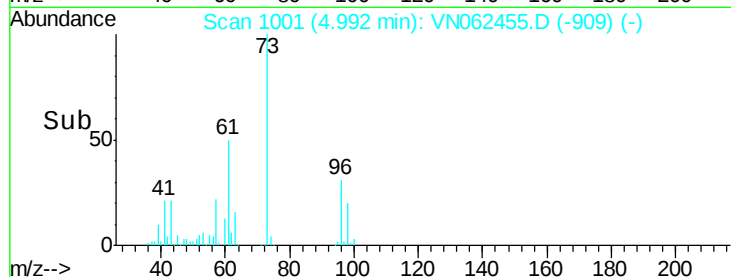
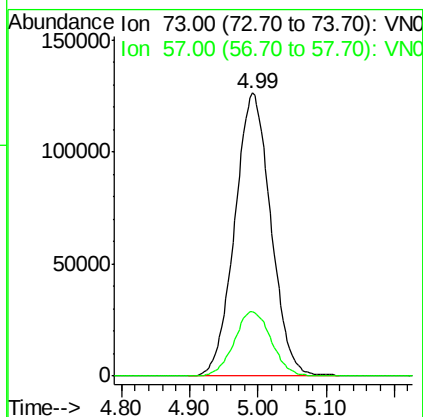
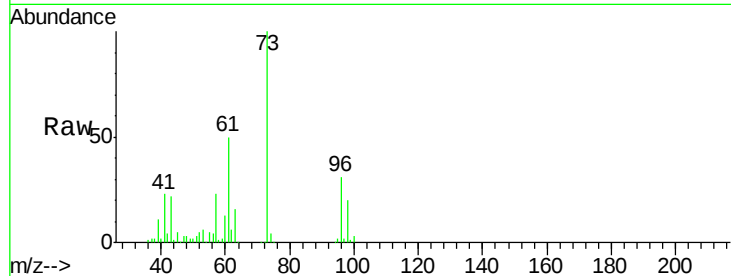


#19

Methyl tert-butyl Ether
 Concen: 53.054 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

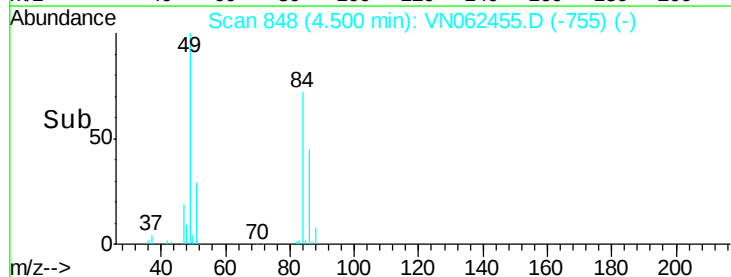
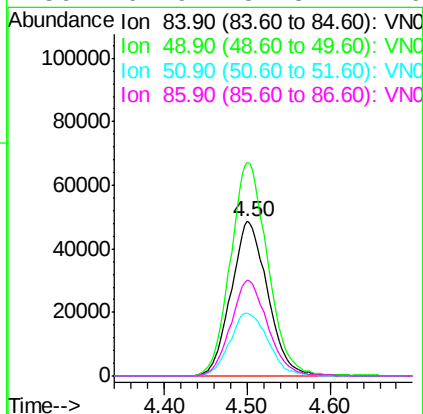
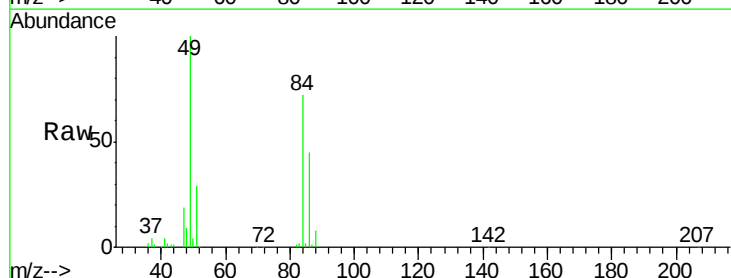
Tgt Ion: 73 Resp: 464691
 Ion Ratio Lower Upper
 73 100
 57 22.7 19.4 29.0

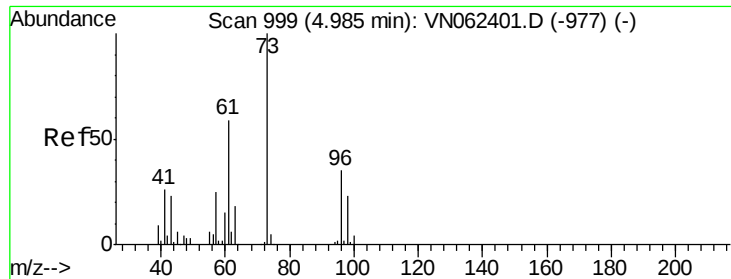


#20

Methylene Chloride
 Concen: 47.563 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion: 84 Resp: 149472
 Ion Ratio Lower Upper
 84 100
 49 138.3 120.0 180.0
 51 40.6 37.0 55.6
 86 61.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 51.328 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

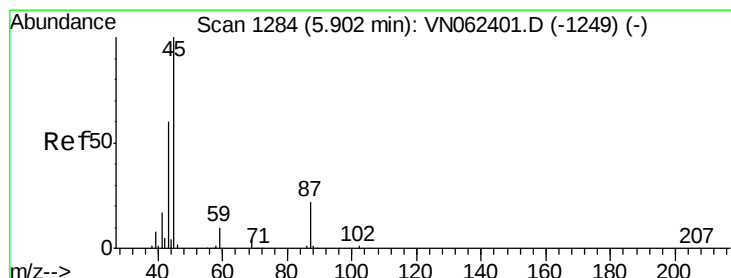
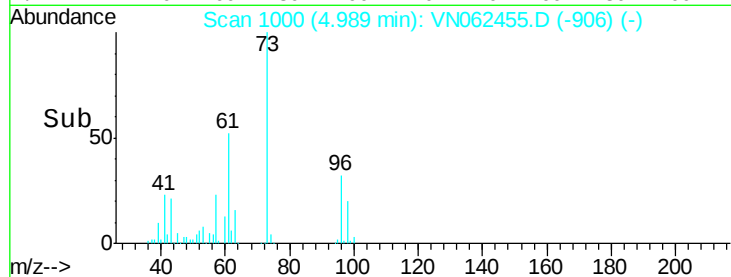
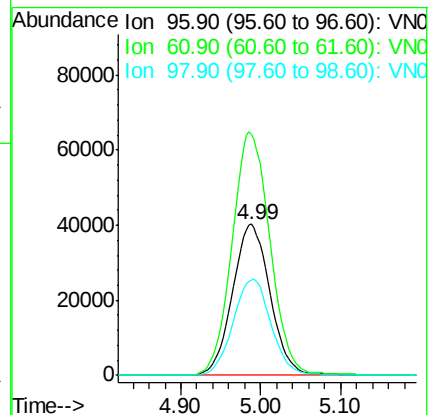
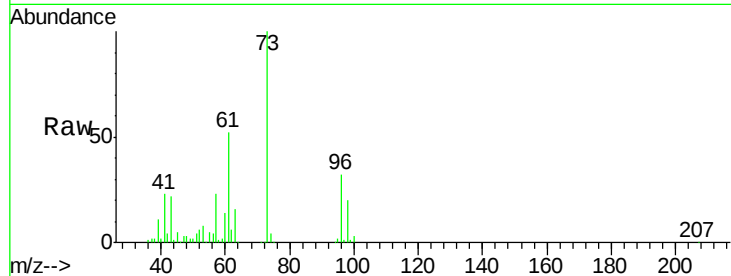
Tgt Ion: 96 Resp: 128464

Ion Ratio Lower Upper

96 100

61 159.7 133.5 200.3

98 63.3 51.9 77.9



#22

Diisopropyl ether

Concen: 51.064 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Tgt Ion: 45 Resp: 548155

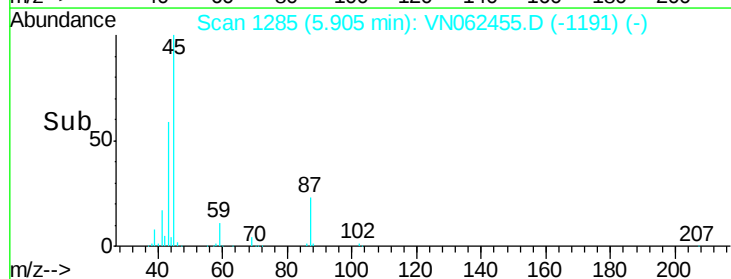
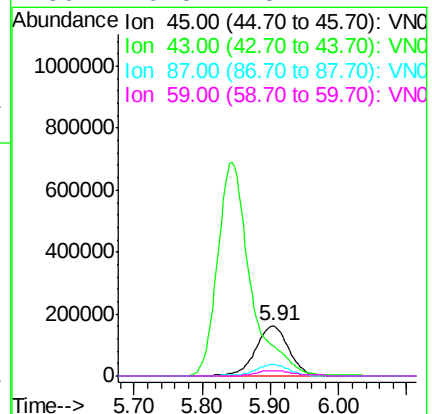
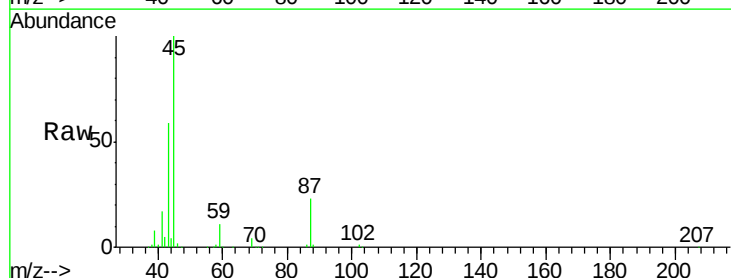
Ion Ratio Lower Upper

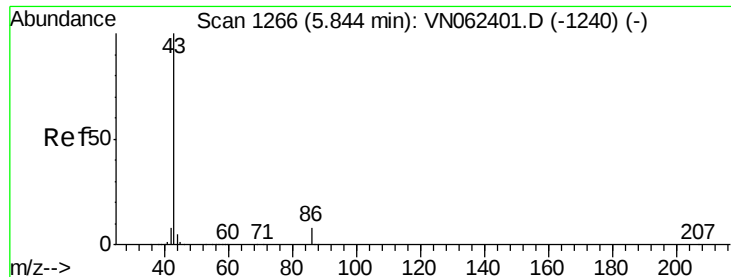
45 100

43 57.5 50.1 75.1

87 22.5 18.2 27.4

59 10.8 8.2 12.2

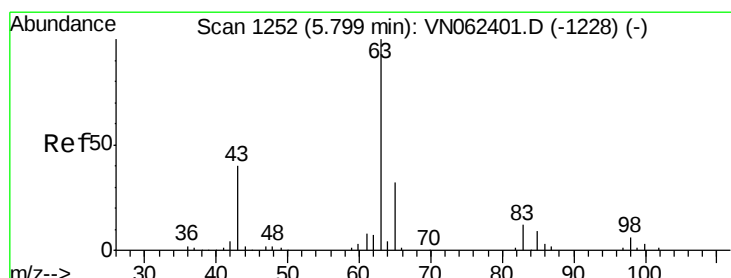
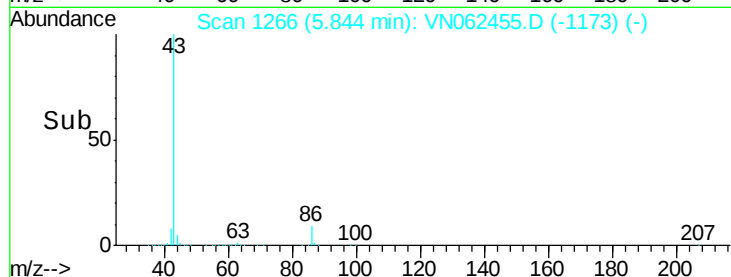
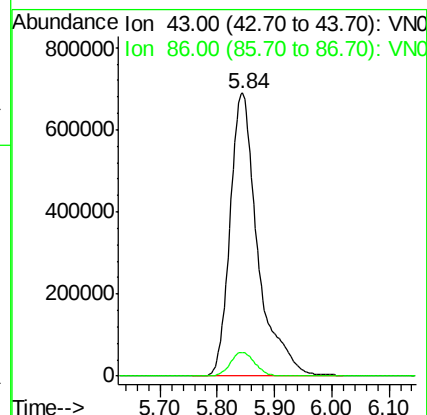
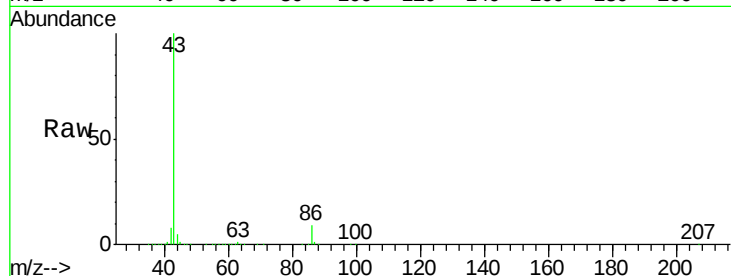




#23
 Vinyl Acetate
 Concen: 260.321 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

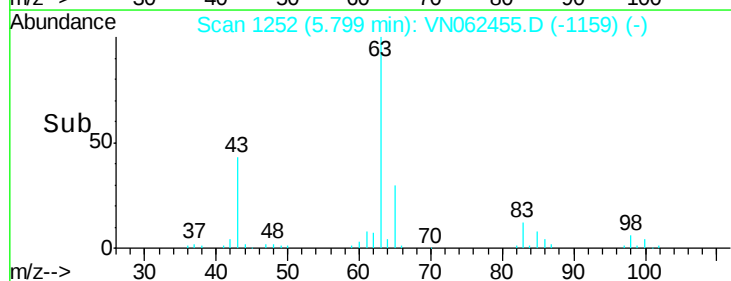
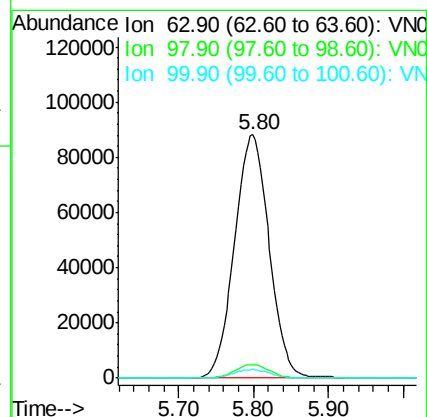
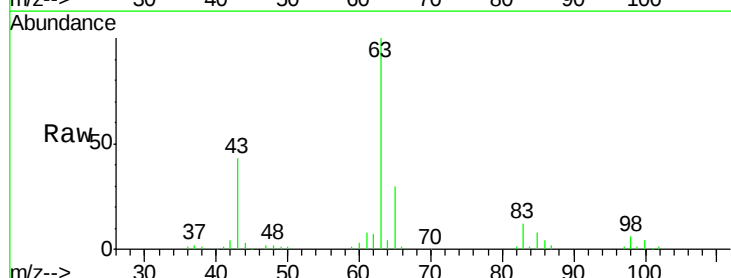
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

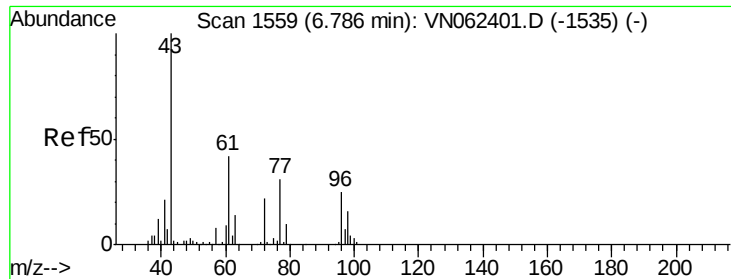
Tgt Ion: 43 Resp: 2314875
 Ion Ratio Lower Upper
 43 100
 86 8.5 6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 51.231 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion: 63 Resp: 284179
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.8
 100 3.6 1.8 5.3

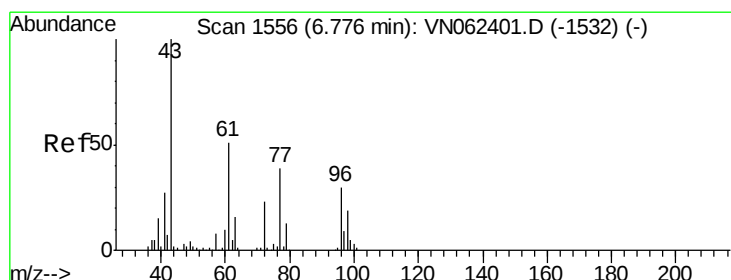
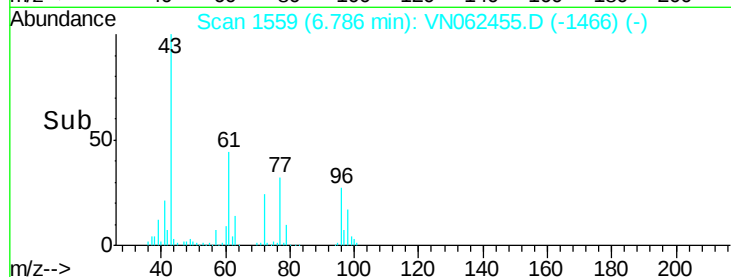
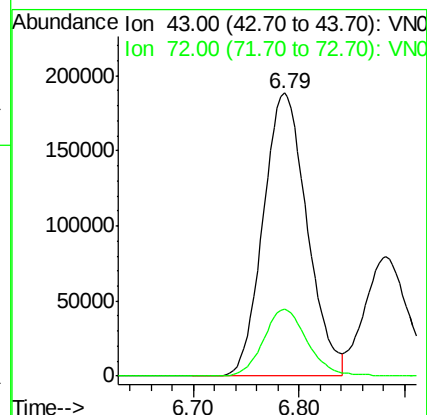
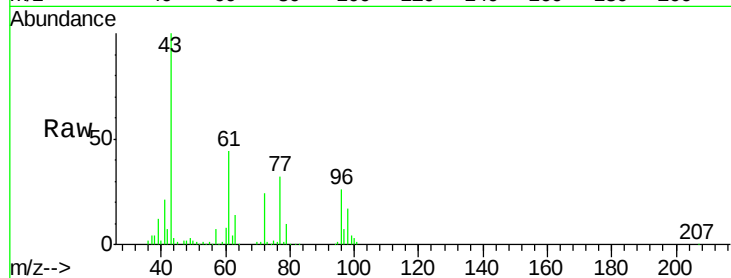




#25
2-Butanone
Concen: 252.937 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

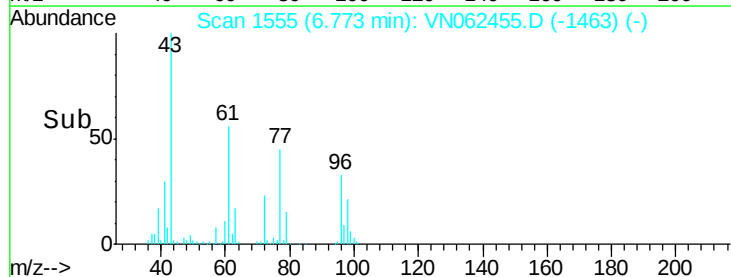
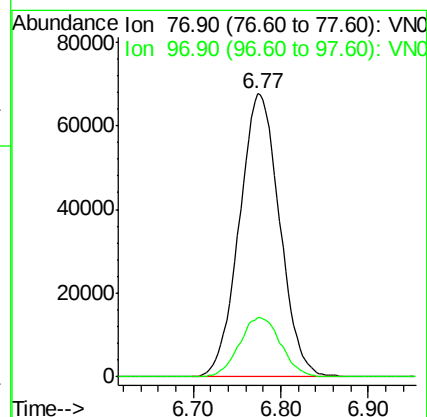
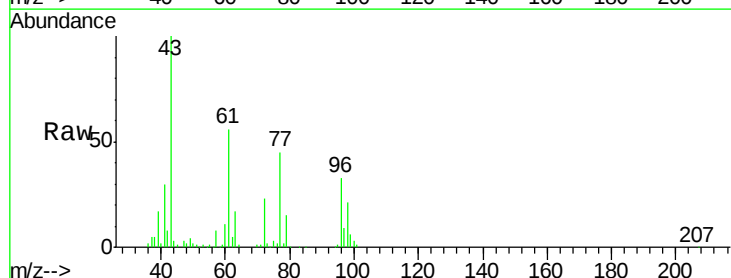
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

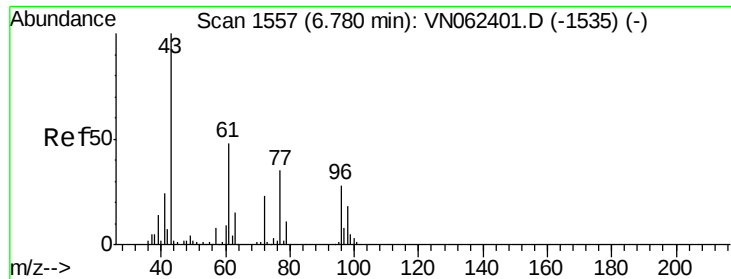
Tgt Ion: 43 Resp: 542951
Ion Ratio Lower Upper
43 100
72 23.6 17.9 26.9



#26
2,2-Dichloropropane
Concen: 50.771 ug/l
RT: 6.77 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion: 77 Resp: 215935
Ion Ratio Lower Upper
77 100
97 21.5 10.9 32.9

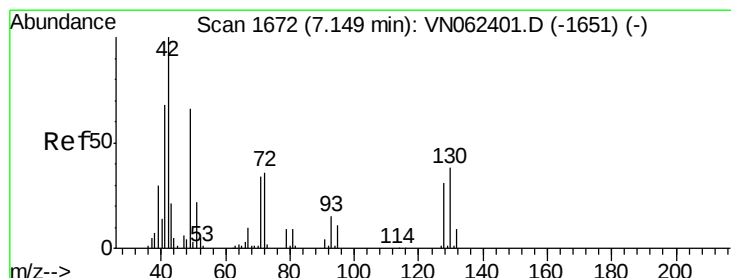
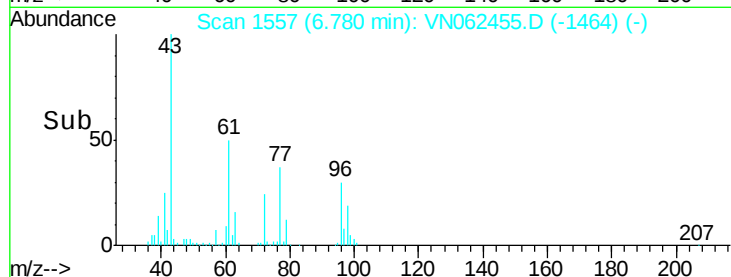
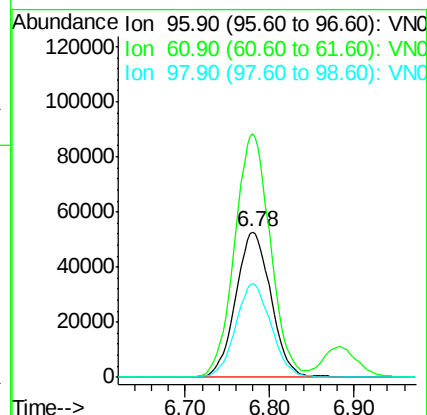
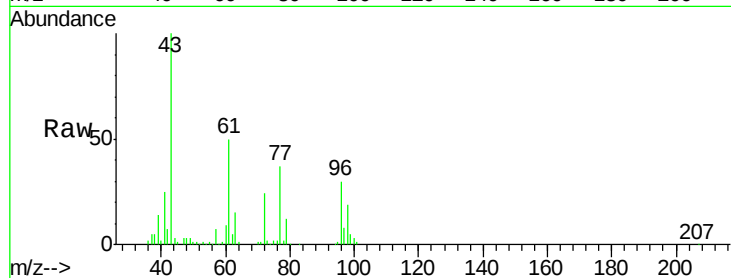




#27
 cis-1,2-Dichloroethene
 Concen: 53.072 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

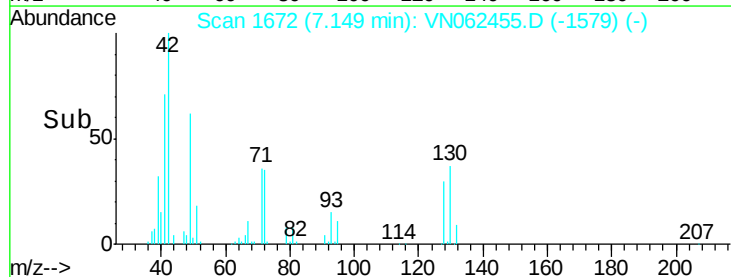
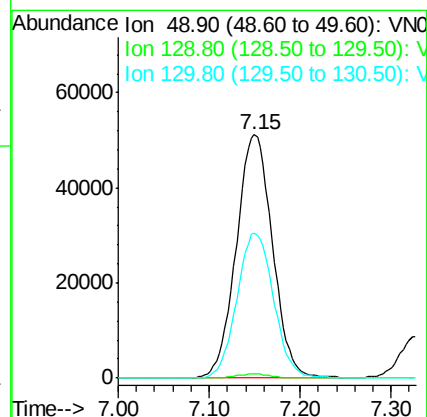
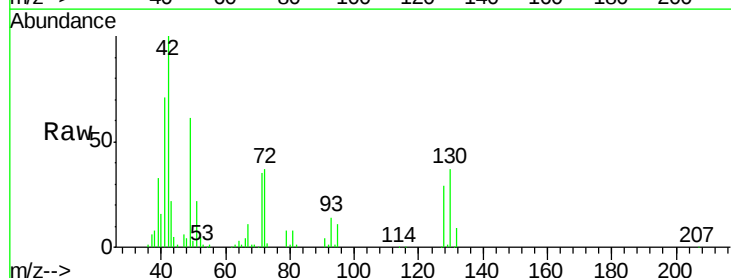
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

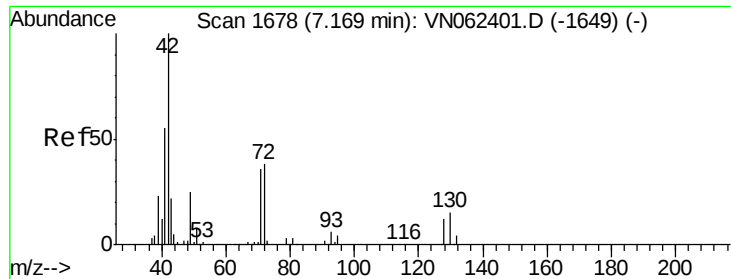
Tgt Ion: 96 Resp: 153853
 Ion Ratio Lower Upper
 96 100
 61 168.6 0.0 343.4
 98 64.7 0.0 128.4



#28
 Bromochloromethane
 Concen: 47.050 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion: 49 Resp: 141791
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 2.8
 130 60.2 46.5 69.7

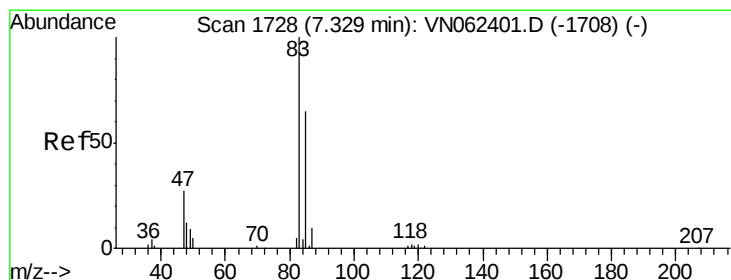
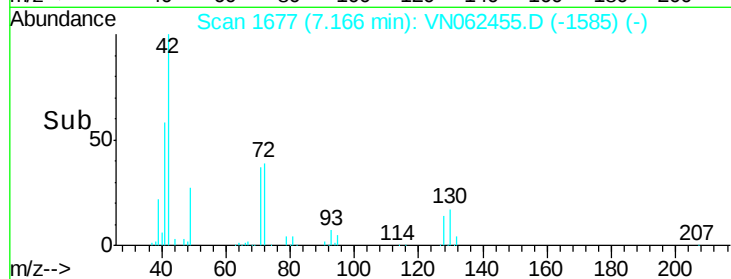
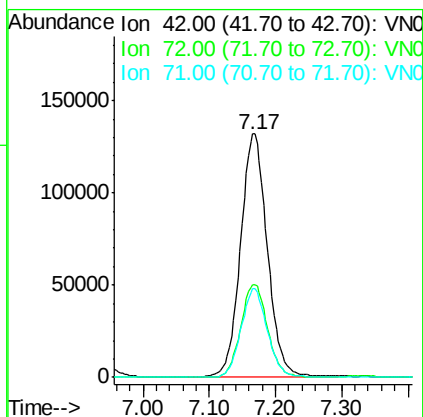
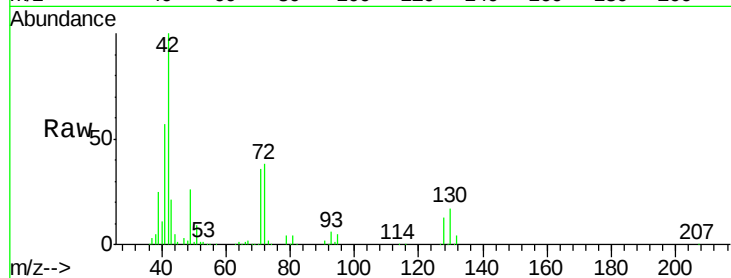




#29
Tetrahydrofuran
Concen: 256.149 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

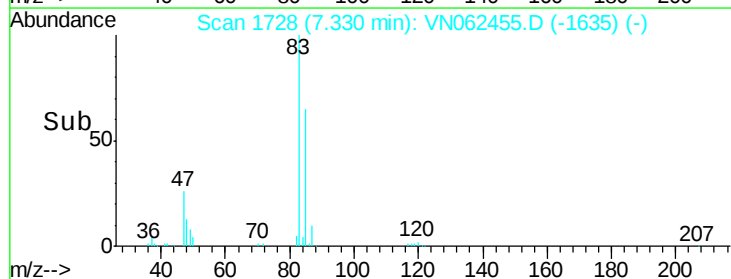
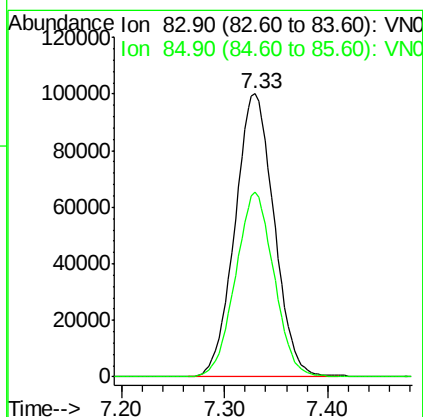
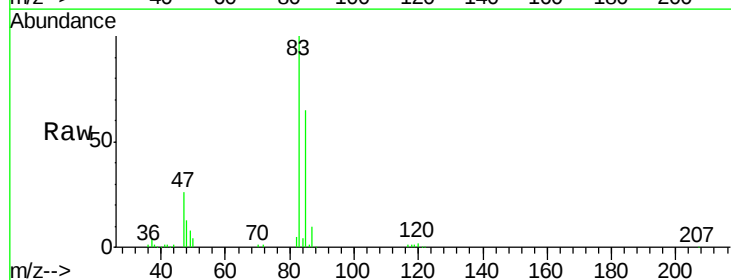
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

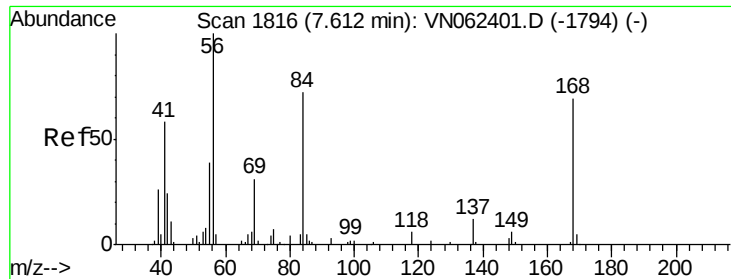
Tgt Ion: 42 Resp: 370186
Ion Ratio Lower Upper
42 100
72 38.0 29.1 43.7
71 35.7 28.1 42.1



#30
Chloroform
Concen: 52.747 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion: 83 Resp: 264178
Ion Ratio Lower Upper
83 100
85 65.2 51.8 77.6

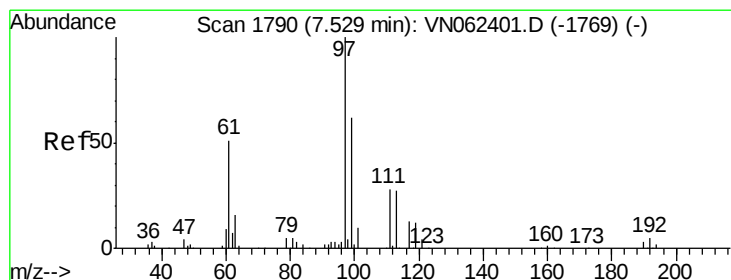
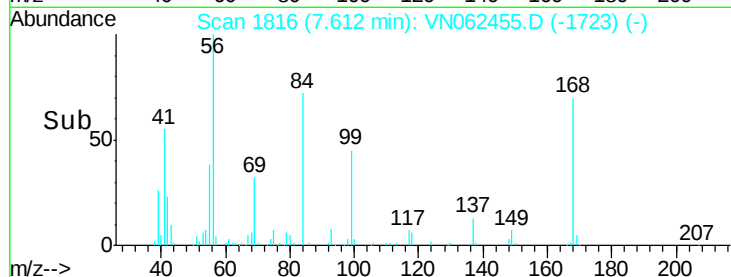
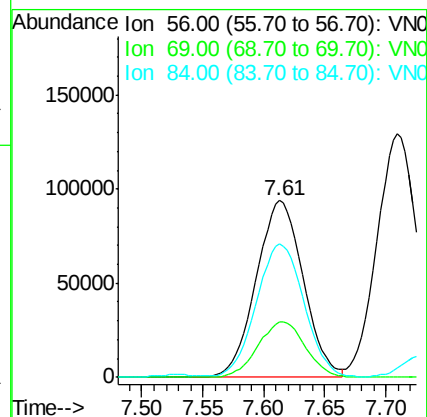
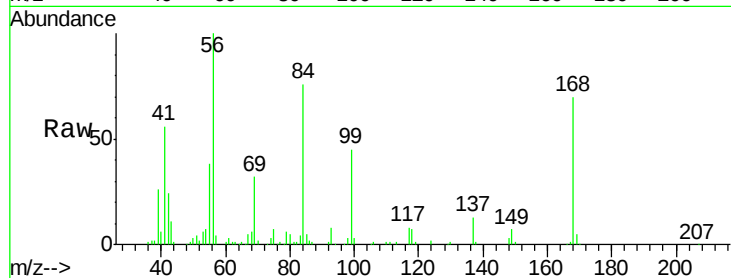




#31
Cyclohexane
Concen: 47.780 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

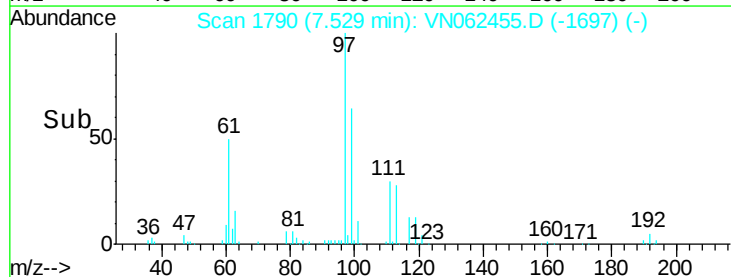
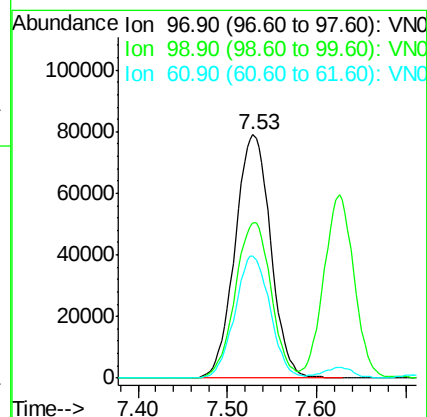
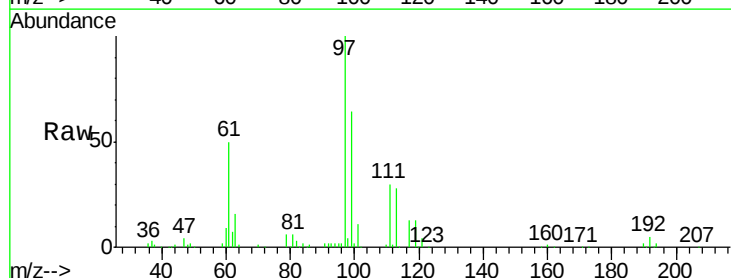
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

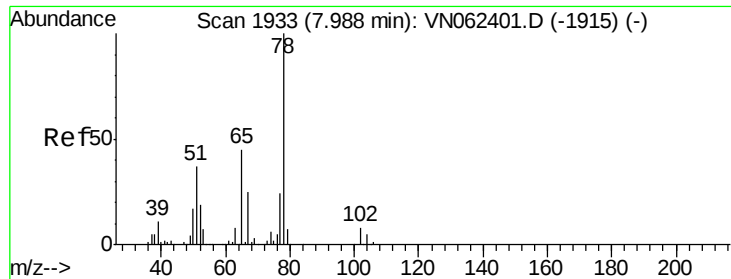
Tgt Ion: 56 Resp: 251255
Ion Ratio Lower Upper
56 100
69 31.7 24.5 36.7
84 74.4 57.4 86.2



#32
1,1,1-Trichloroethane
Concen: 52.551 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion: 97 Resp: 218929
Ion Ratio Lower Upper
97 100
99 64.5 50.4 75.6
61 49.5 39.9 59.9

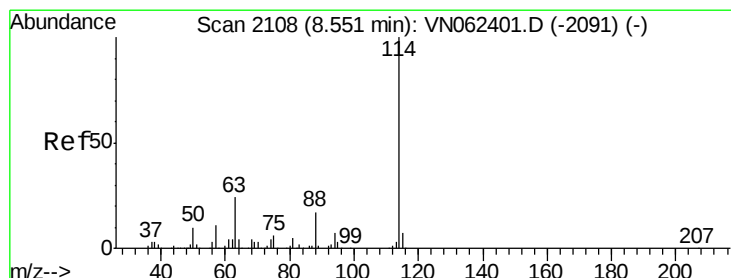
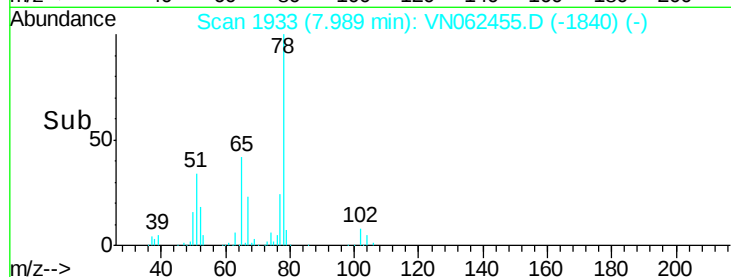
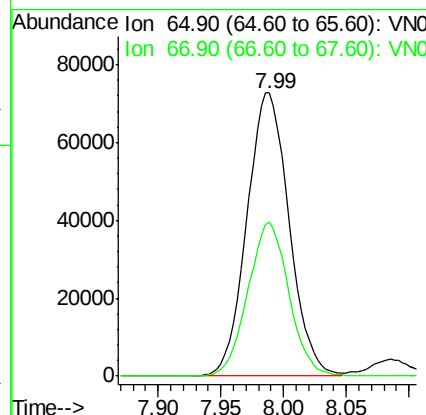
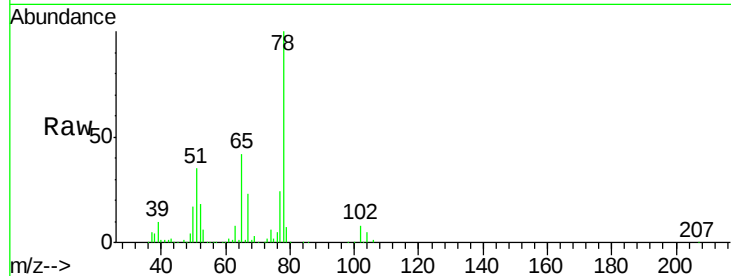




#33
 1,2-Dichloroethane-d4
 Concen: 49.219 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

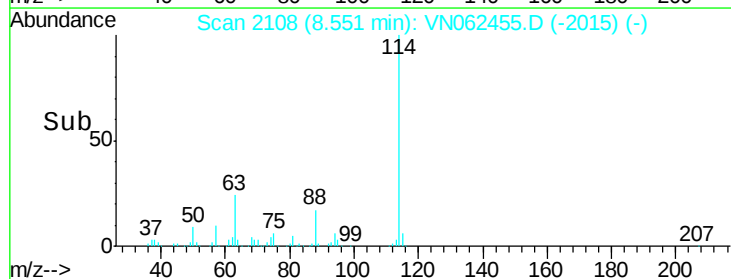
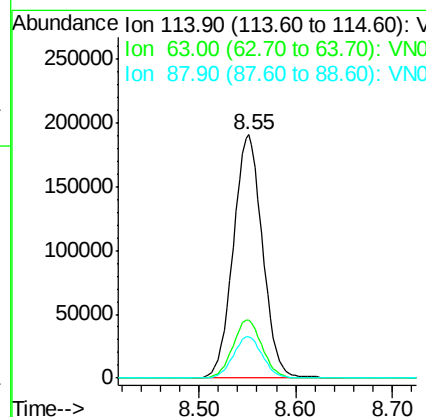
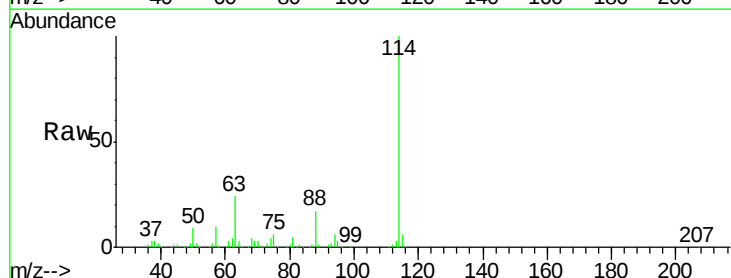
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

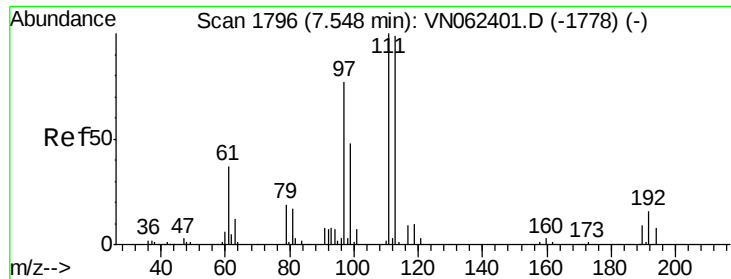
Tgt Ion: 65 Resp: 170399
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion: 114 Resp: 399158
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 48.4
 88 17.0 0.0 33.8

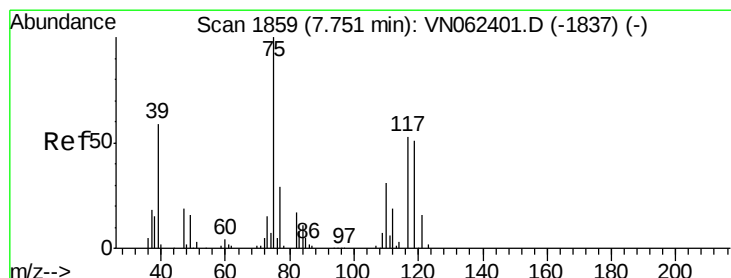
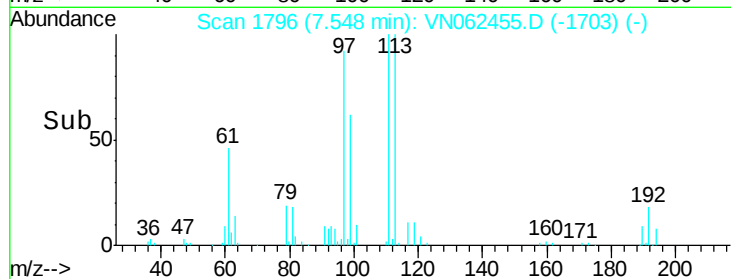
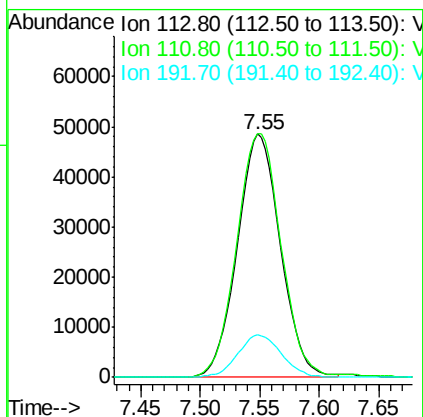
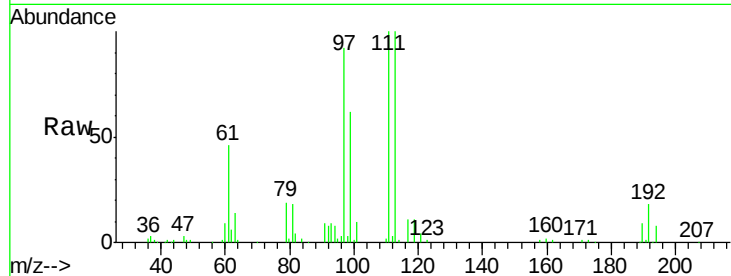




#35
 Dibromofluoromethane
 Concen: 49.187 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

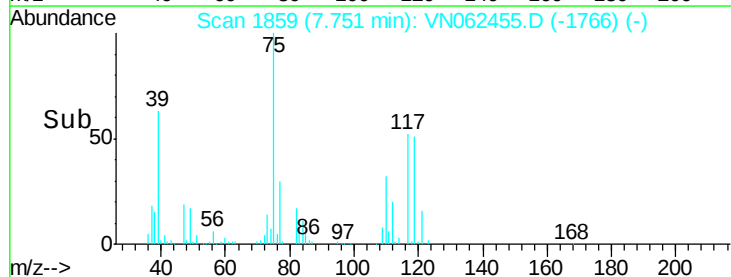
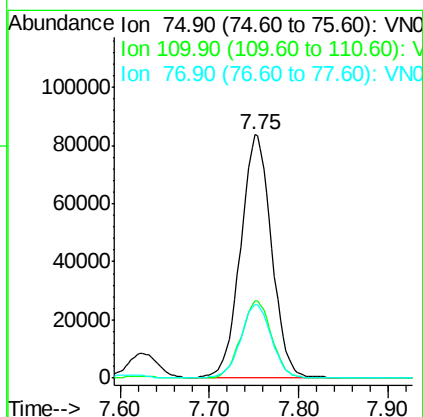
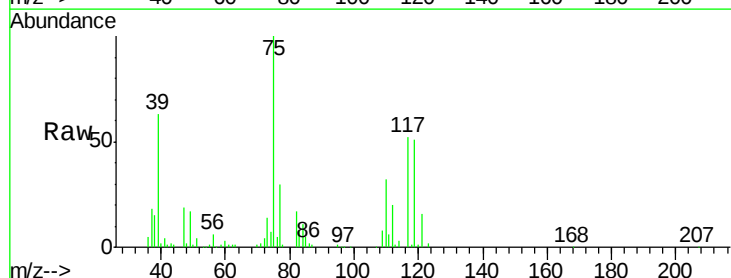
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

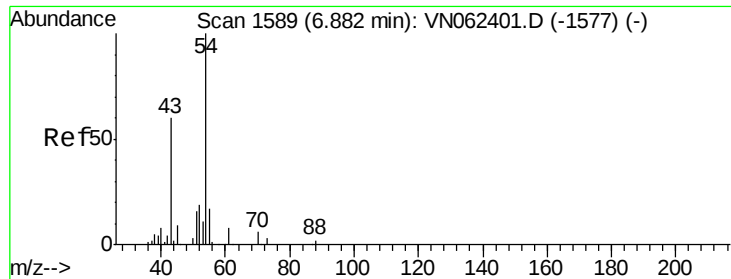
Tgt Ion: 113 Resp: 121362
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.1 124.7
 192 17.8 14.1 21.1



#36
 1,1-Dichloropropene
 Concen: 50.408 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion: 75 Resp: 202714
 Ion Ratio Lower Upper
 75 100
 110 31.2 15.4 46.2
 77 30.2 24.1 36.1

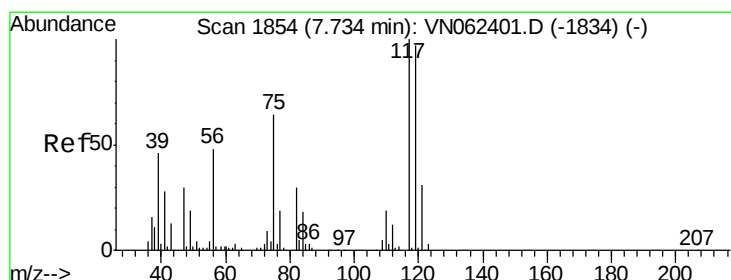
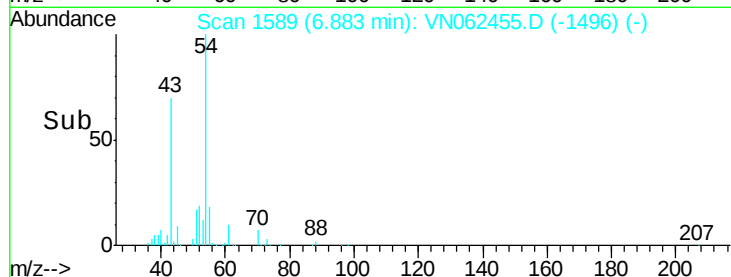
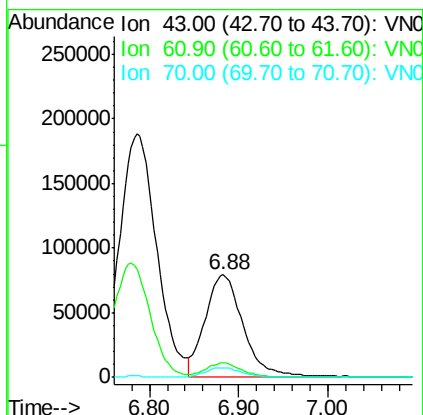
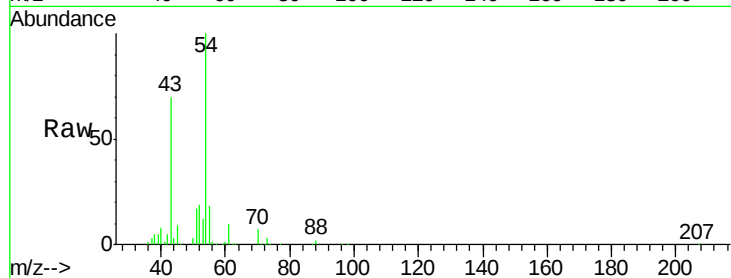




#37
Ethyl Acetate
Concen: 48.946 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

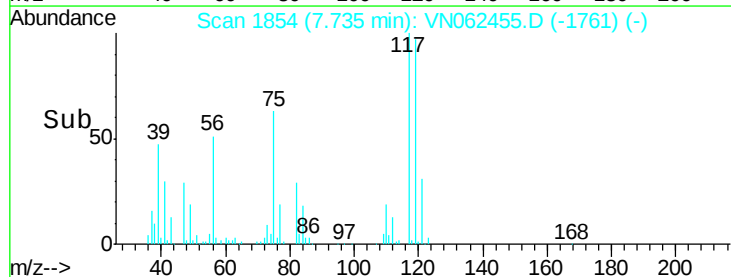
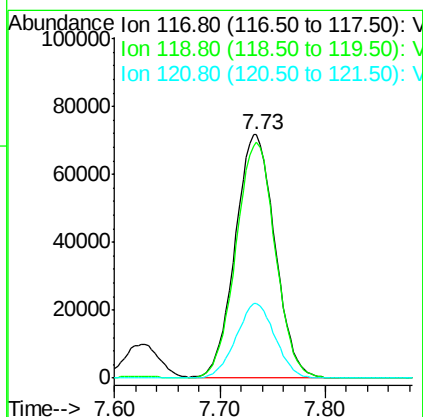
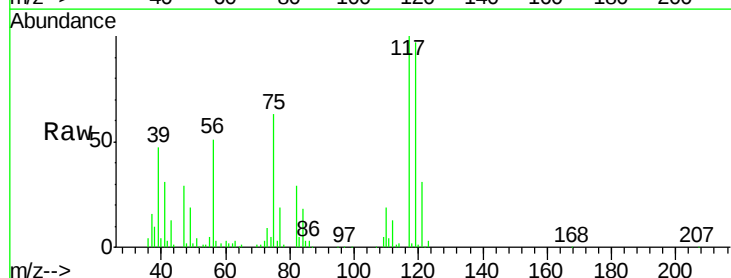
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

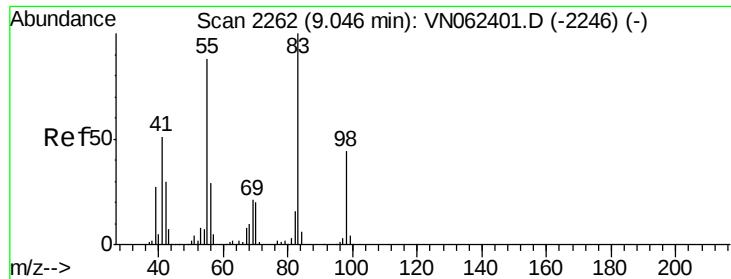
Tgt Ion: 43 Resp: 230159
Ion Ratio Lower Upper
43 100
61 14.1 10.7 16.1
70 9.3 7.2 10.8



#38
Carbon Tetrachloride
Concen: 51.530 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion: 117 Resp: 186303
Ion Ratio Lower Upper
117 100
119 97.2 77.2 115.8
121 31.0 24.8 37.2

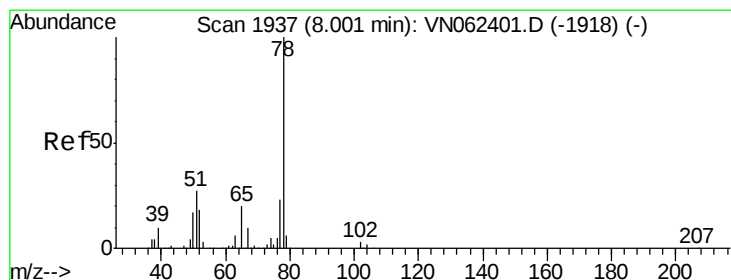
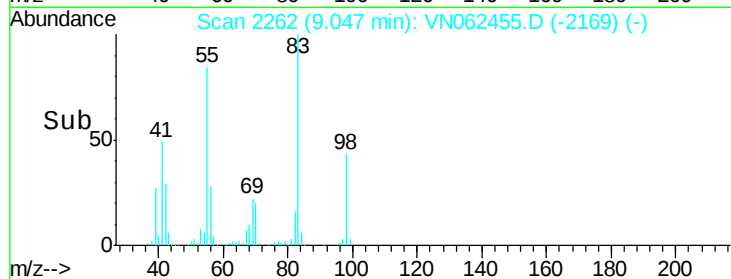
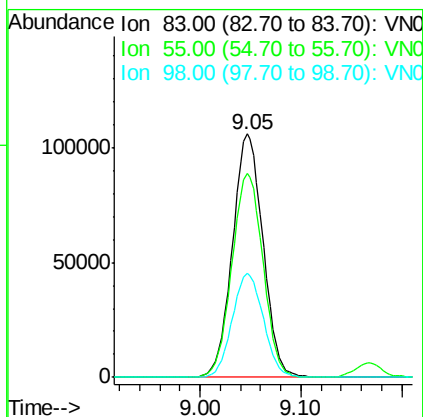
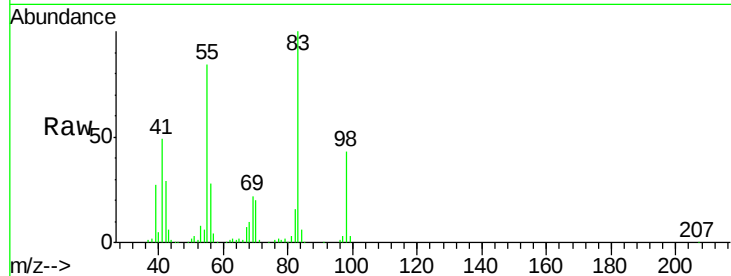




#39
Methylcyclohexane
Concen: 51.853 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

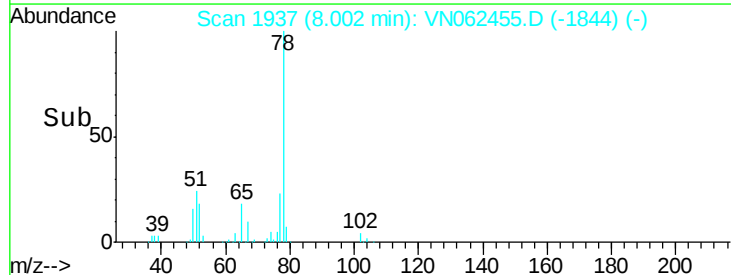
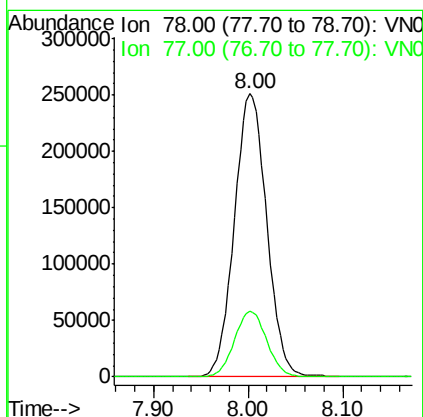
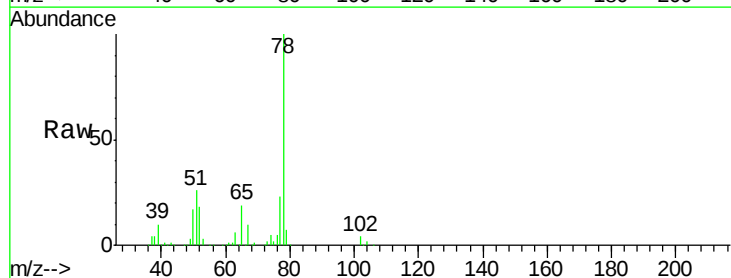
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ClientSampleId :
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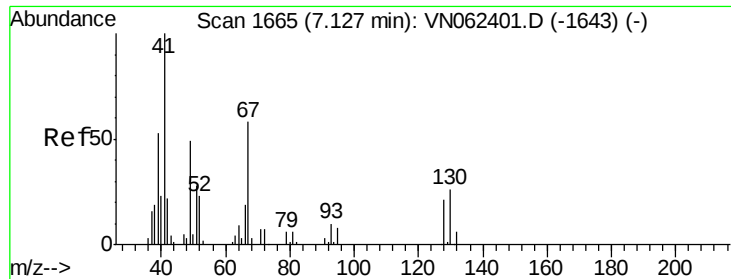
Tgt Ion: 83 Resp: 222623
Ion Ratio Lower Upper
83 100
55 83.8 70.5 105.7
98 42.5 35.5 53.3



#40
Benzene
Concen: 50.443 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion: 78 Resp: 597858
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1

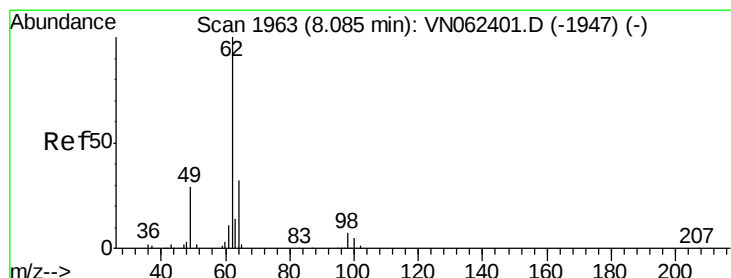
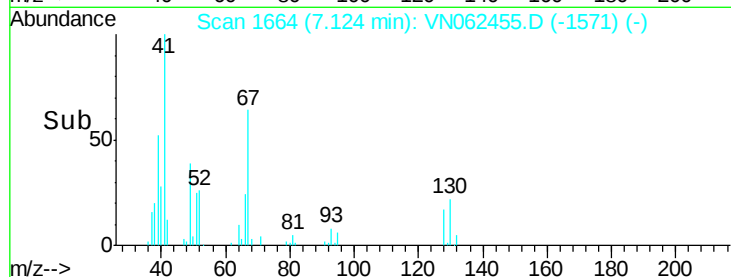
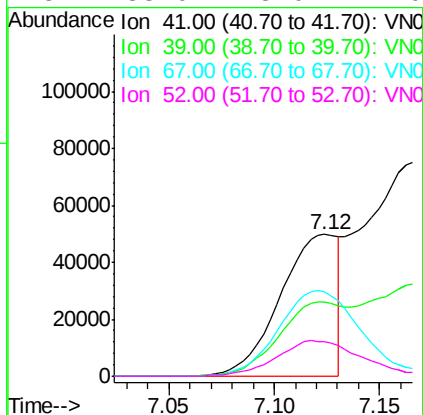
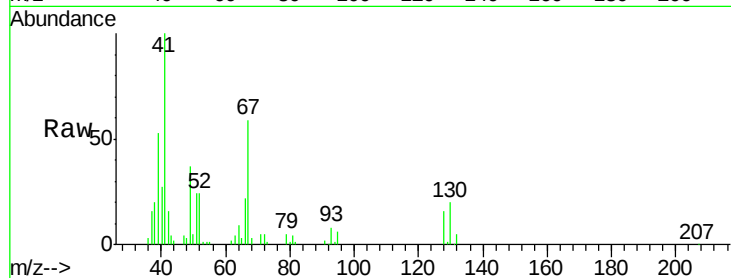




#41
Methacrylonitrile
Concen: 48.220 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

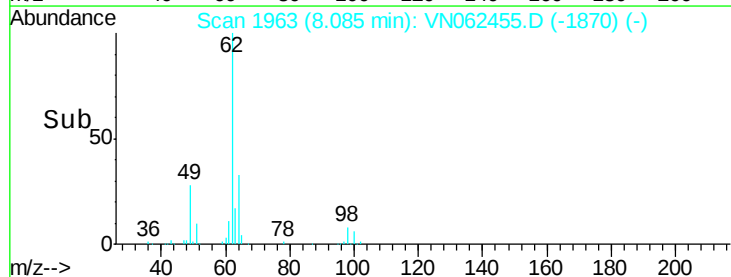
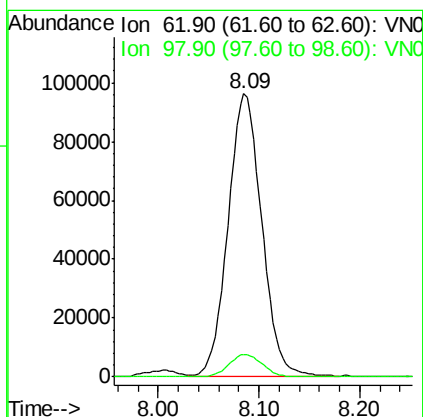
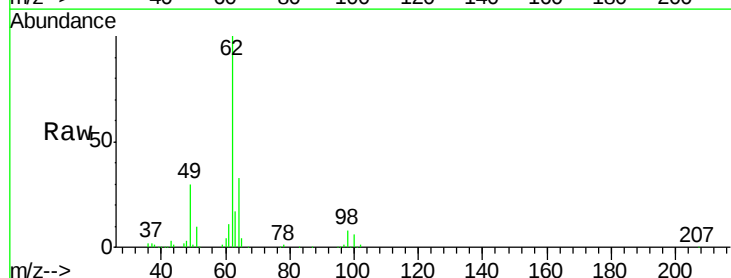
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

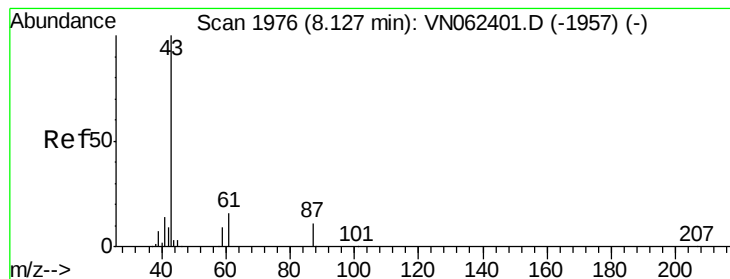
Tgt Ion:	41	Resp:	94737
Ion	Ratio	Lower	Upper
41	100		
39	58.1	50.2	75.2
67	86.6	64.2	96.2
52	38.0	28.0	42.0



#42
1,2-Dichloroethane
Concen: 51.299 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion:	62	Resp:	222625
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.8





#43

Isopropyl Acetate

Concen: 51.330 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

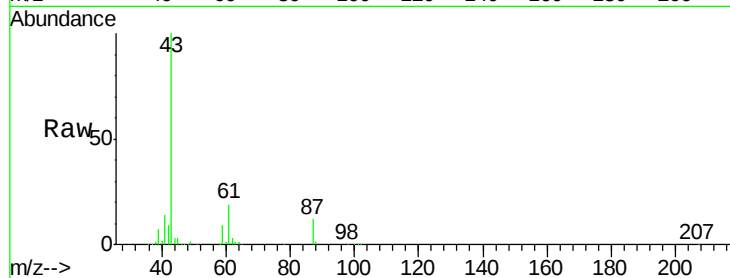
Tgt Ion: 43 Resp: 381303

Ion Ratio Lower Upper

43 100

61 19.7 19.3 28.9

87 11.2 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062401.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062401.D (-1957) (-)

8.13

200000

150000

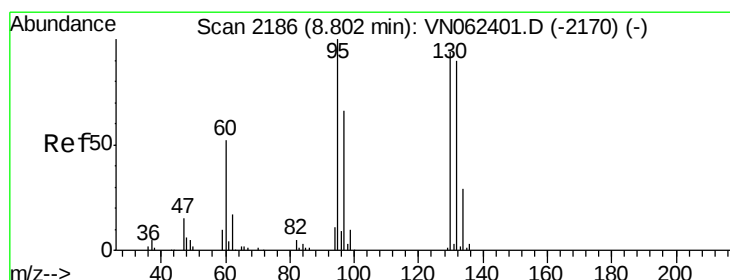
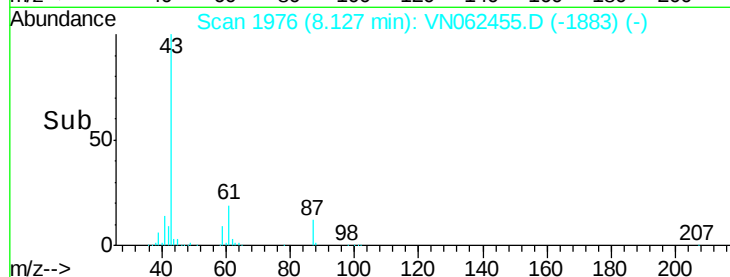
100000

50000

0

8.00 8.10 8.20

Time-->



#44

Trichloroethene

Concen: 51.644 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062455.D

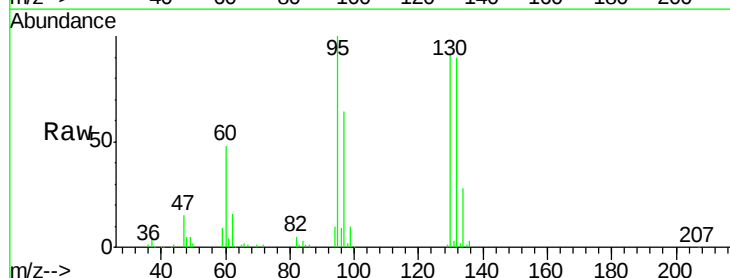
Acq: 9 Jul 2020 14:17

Tgt Ion: 130 Resp: 135806

Ion Ratio Lower Upper

130 100

95 110.2 0.0 213.8



Abundance Ion 129.80 (129.50 to 130.50): VN062401.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062401.D (-2170) (-)

8.80

80000

60000

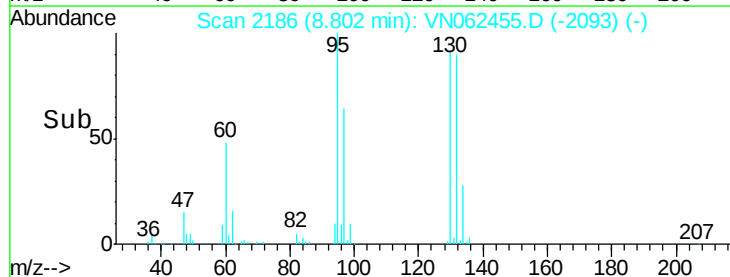
40000

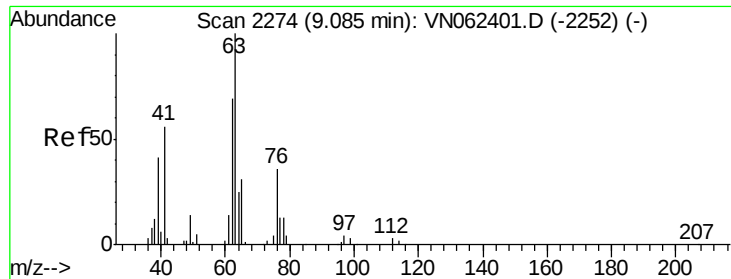
20000

0

8.70 8.75 8.80 8.85 8.90

Time-->





#45

1,2-Dichloropropane

Concen: 50.003 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

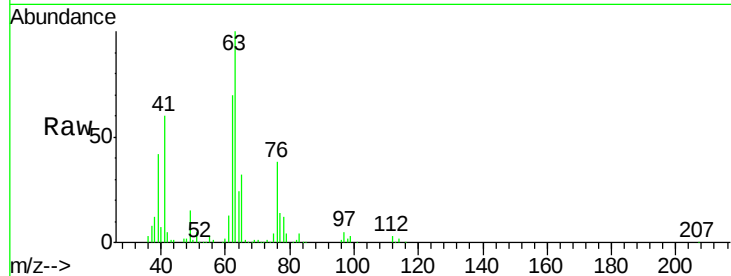
VSTDCCC050EC

Tgt Ion: 63 Resp: 172040

Ion Ratio Lower Upper

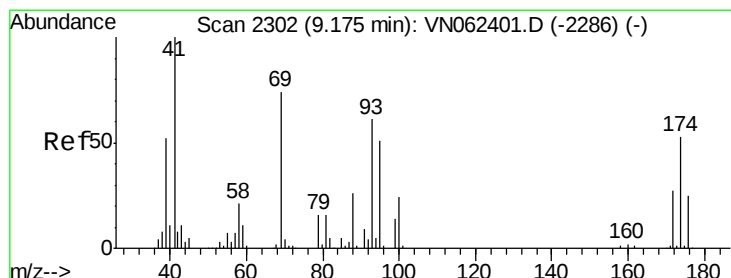
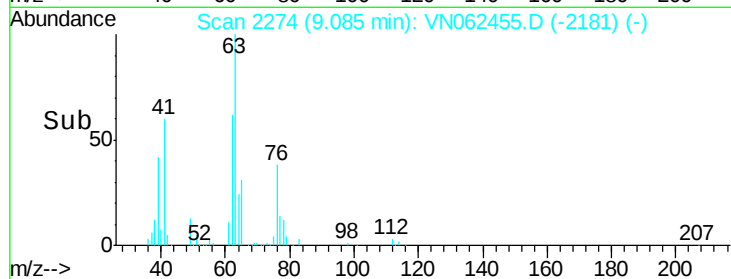
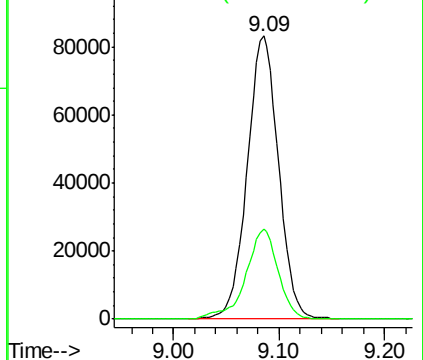
63 100

65 31.7 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 51.133 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

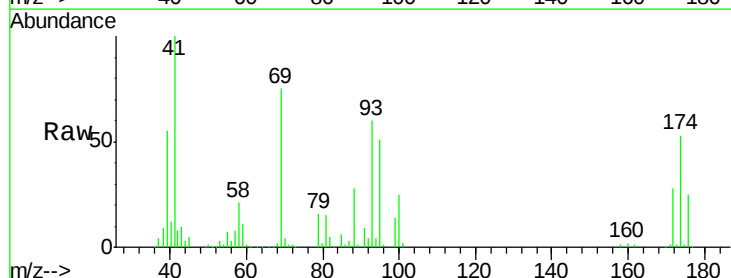
Tgt Ion: 93 Resp: 99282

Ion Ratio Lower Upper

93 100

95 84.1 67.1 100.7

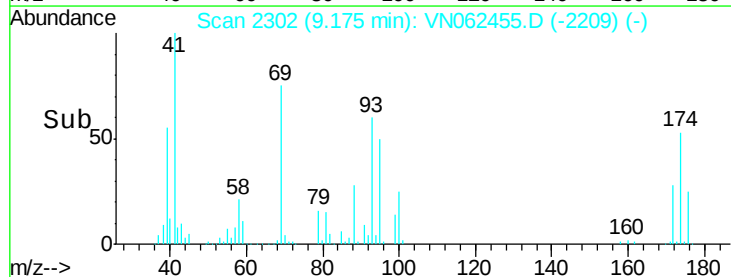
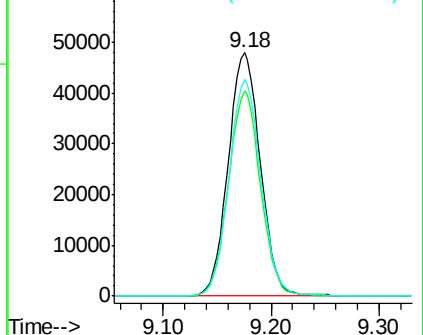
174 88.0 70.4 105.6

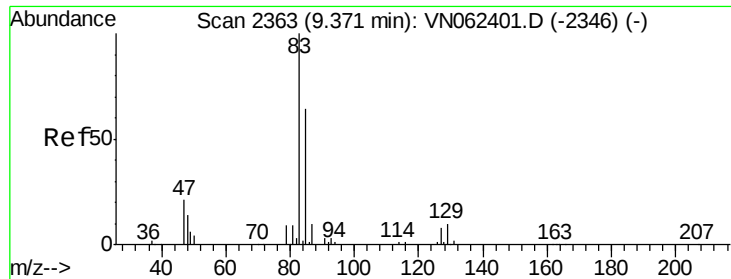


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.849 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

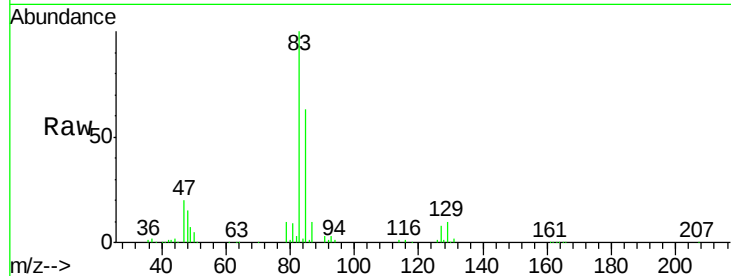
Tgt Ion: 83 Resp: 215231

Ion Ratio Lower Upper

83 100

85 62.7 51.2 76.8

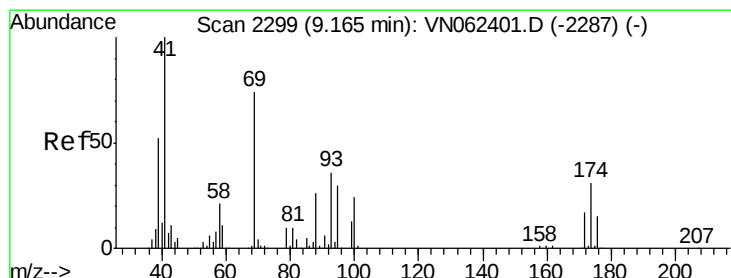
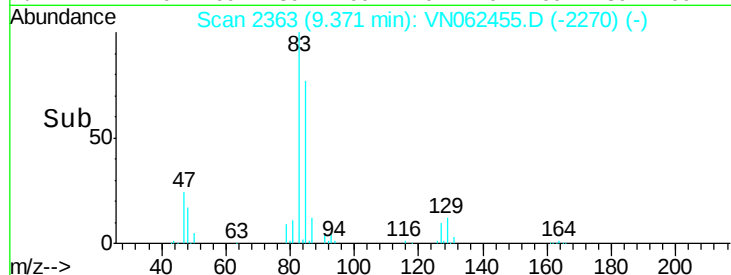
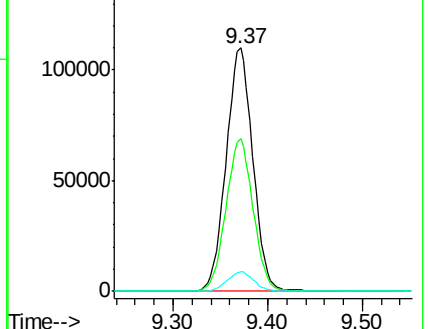
127 7.9 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062455.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062455.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062455.D (-2270) (-)



#48

Methyl methacrylate

Concen: 50.675 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

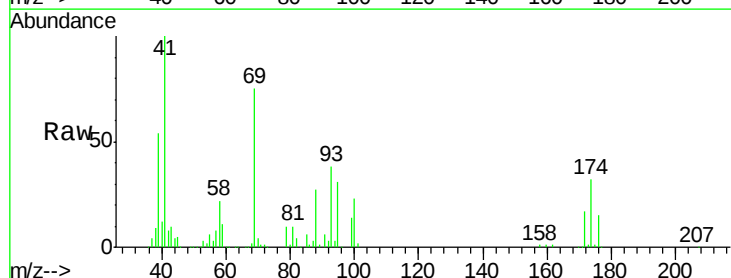
Tgt Ion: 41 Resp: 184651

Ion Ratio Lower Upper

41 100

69 77.3 60.8 91.2

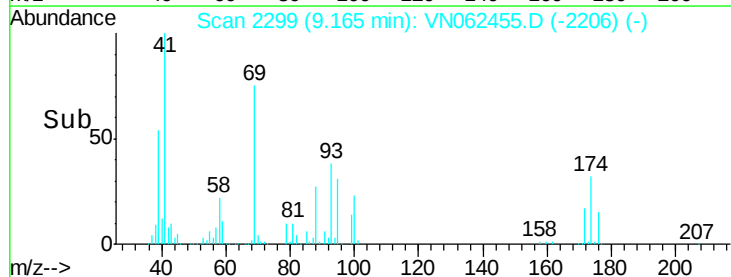
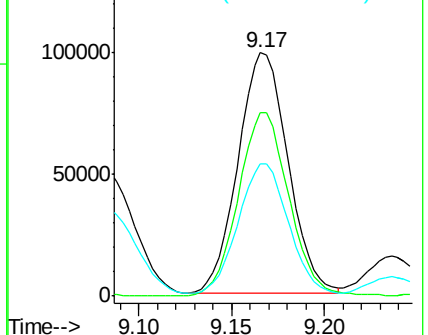
39 55.8 43.5 65.3

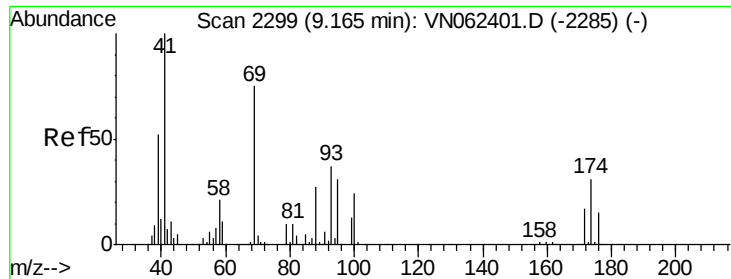


Abundance Ion 41.00 (40.70 to 41.70): VN062455.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062455.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062455.D (-2206) (-)

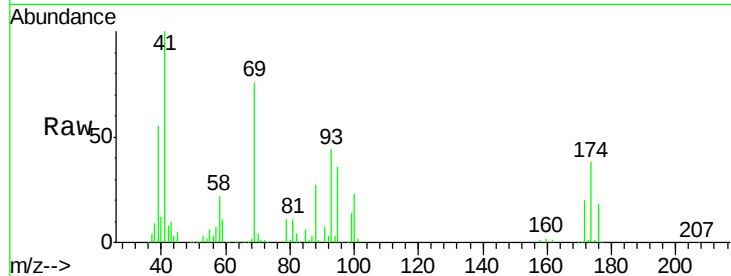




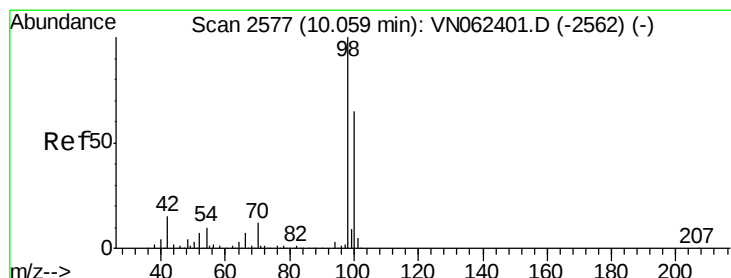
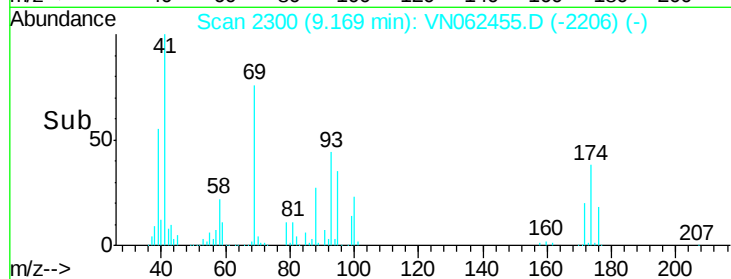
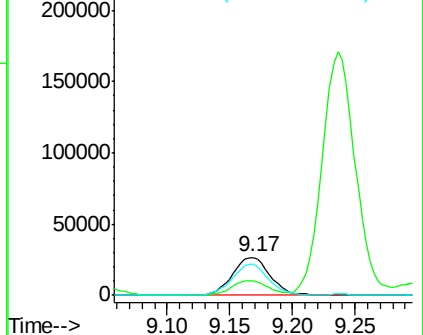
#49
 1,4-Dioxane
 Concen: 1044.989 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 55423
 Ion Ratio Lower Upper
 88 100
 43 37.2 31.0 46.4
 58 78.7 63.3 94.9

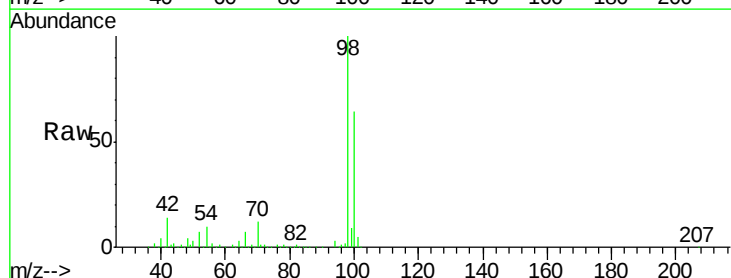


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

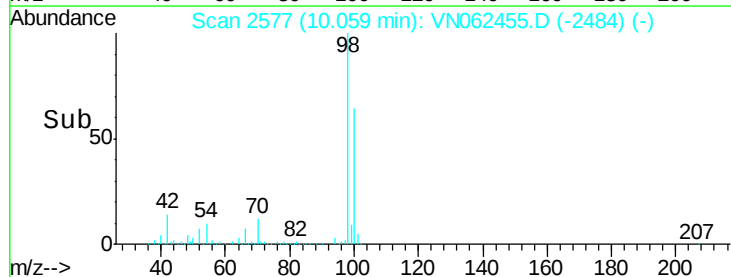
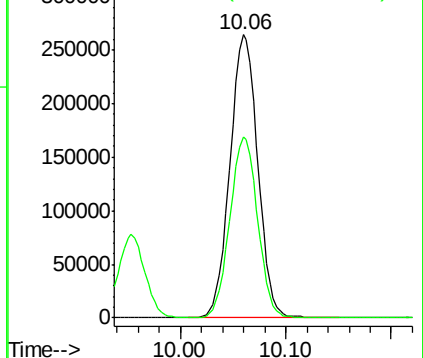


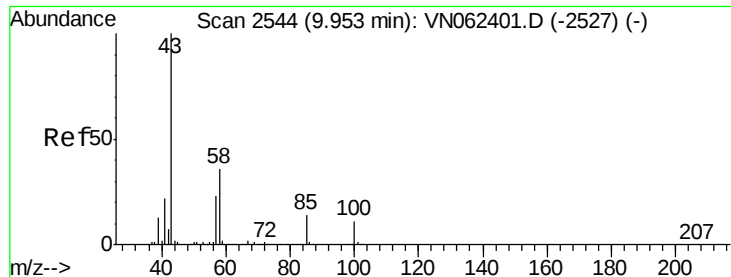
#50
 Toluene-d8
 Concen: 49.433 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion: 98 Resp: 481492
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.5 77.3



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

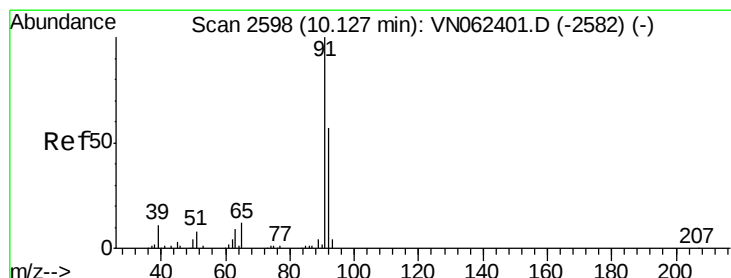
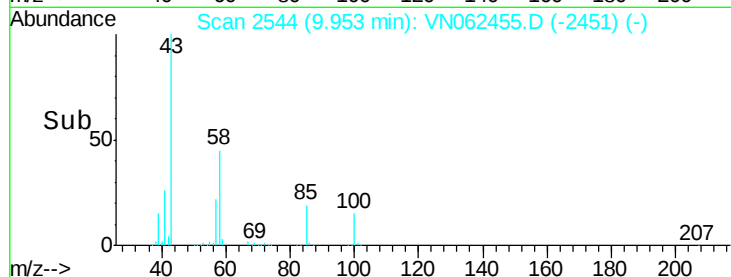
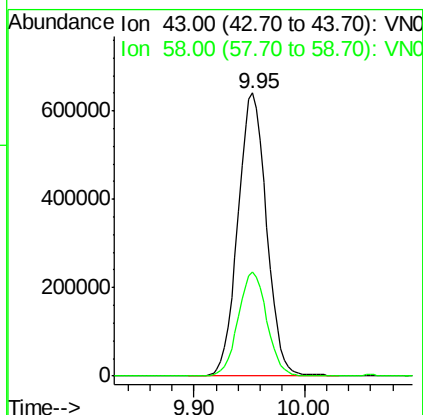
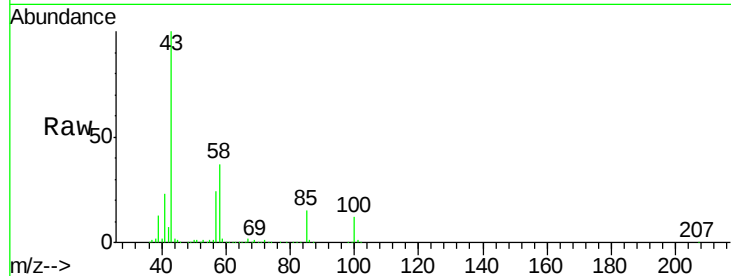




#51
 4-Methyl-2-Pentanone
 Concen: 259.830 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

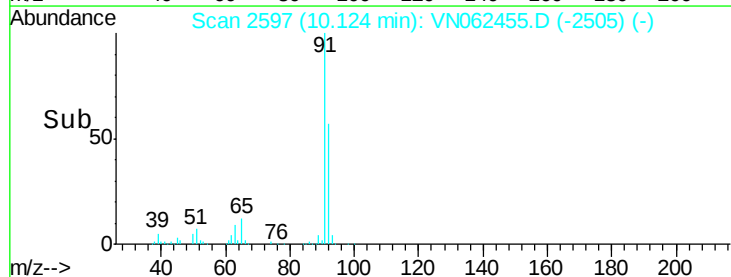
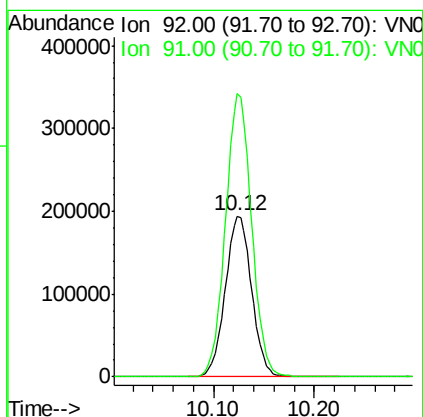
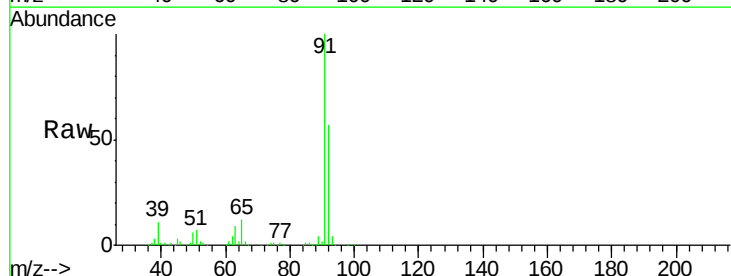
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

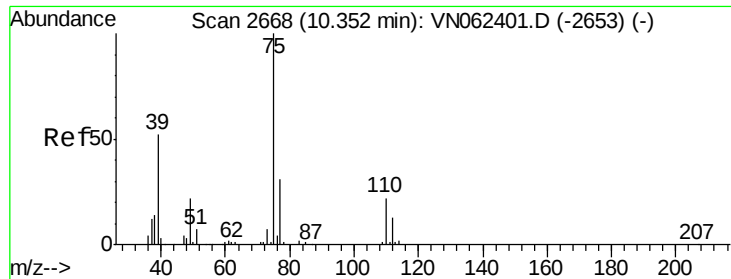
Tgt Ion: 43 Resp: 1152823
 Ion Ratio Lower Upper
 43 100
 58 36.8 29.0 43.6



#52
 Toluene
 Concen: 51.698 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion: 92 Resp: 353921
 Ion Ratio Lower Upper
 92 100
 91 175.1 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 52.226 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

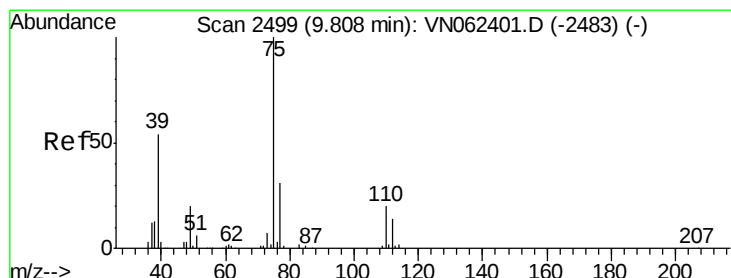
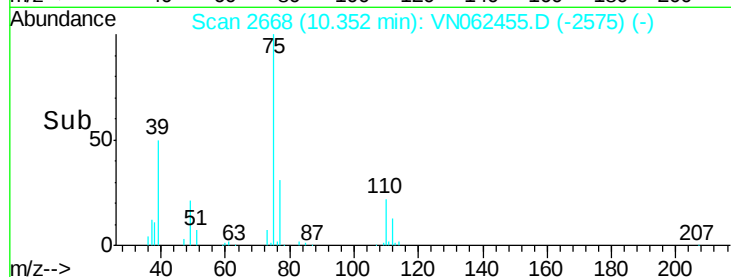
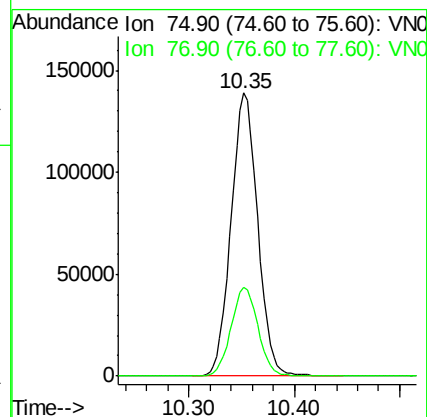
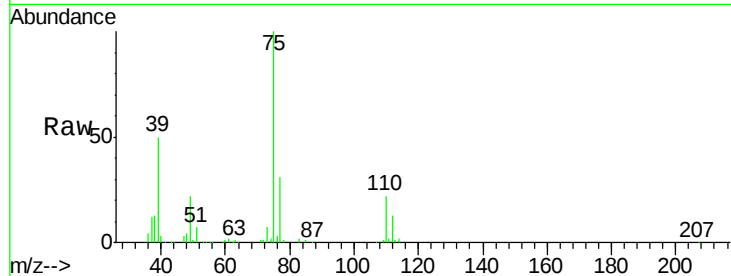
VSTDCCC050EC

Tgt Ion: 75 Resp: 242886

Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 51.192 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

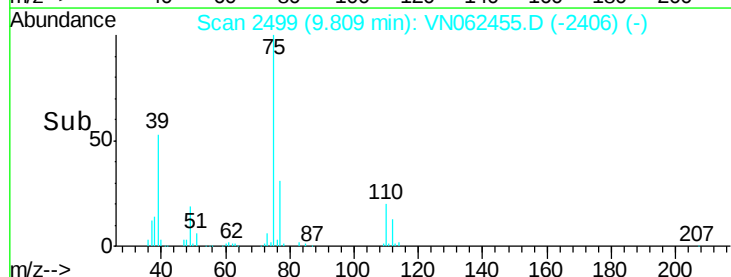
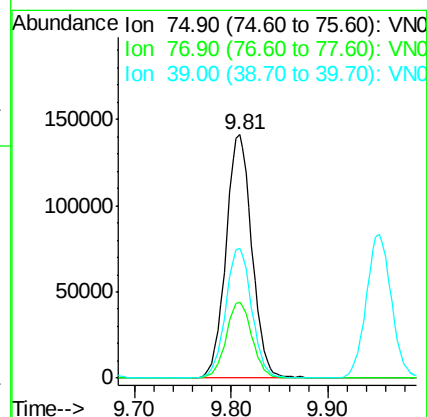
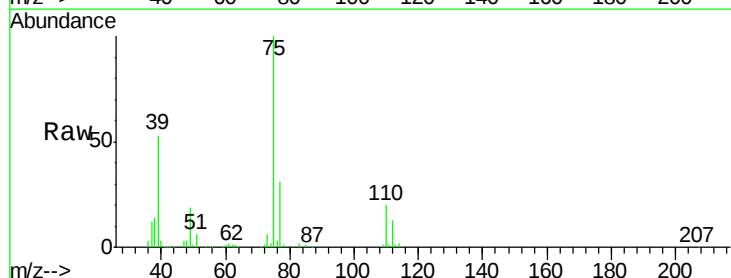
Tgt Ion: 75 Resp: 262683

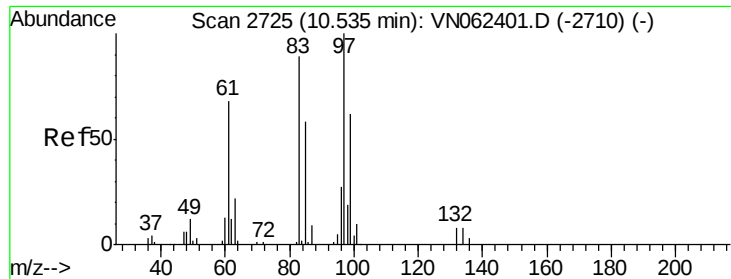
Ion Ratio Lower Upper

75 100

77 31.2 24.5 36.7

39 53.4 43.4 65.0

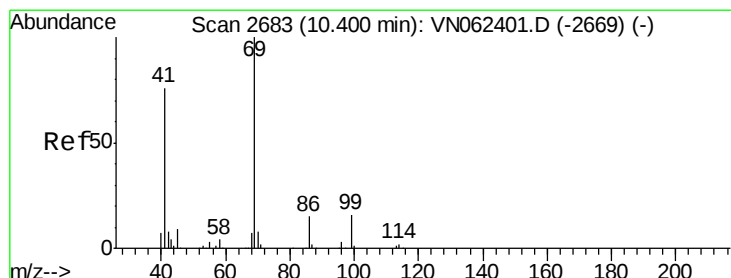
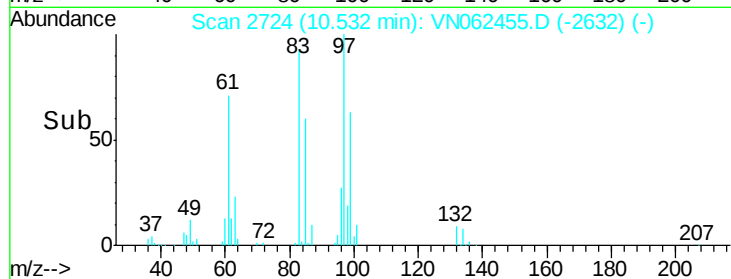
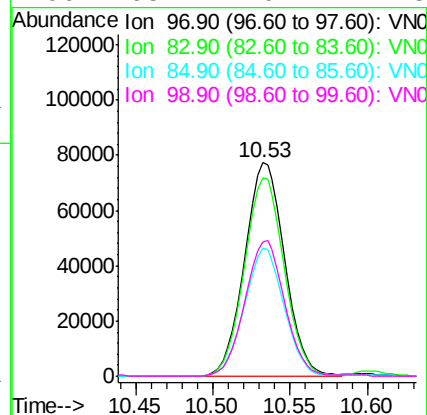
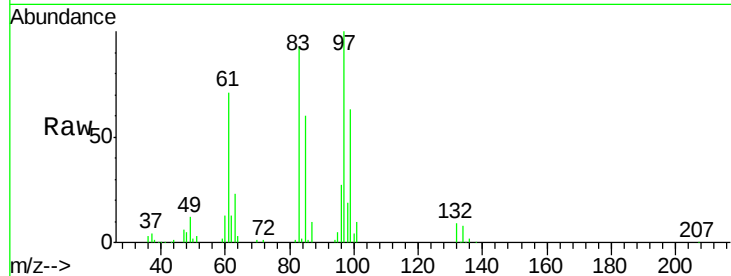




#55
 1,1,2-Trichloroethane
 Concen: 51.717 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

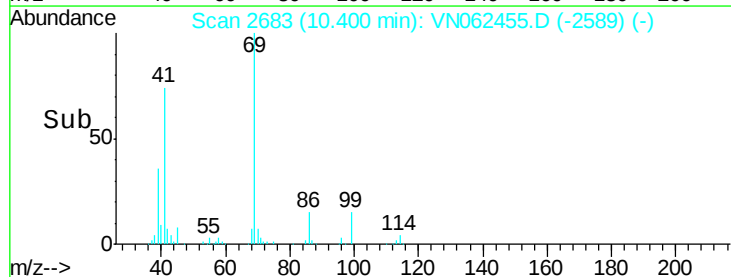
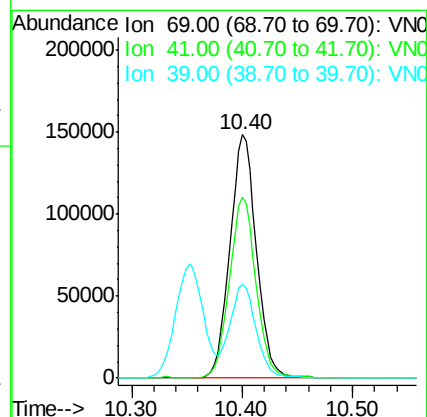
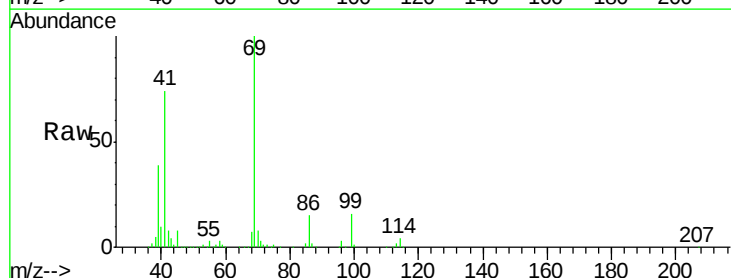
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

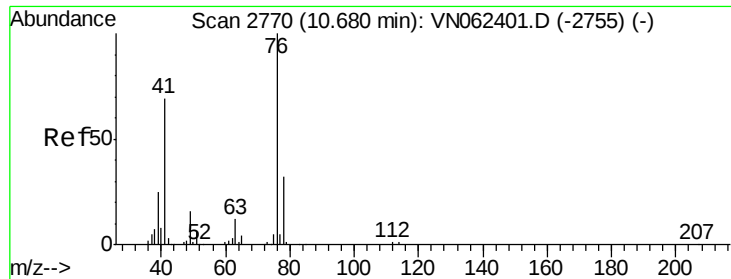
Tgt Ion: 97 Resp: 139251
 Ion Ratio Lower Upper
 97 100
 83 93.1 71.0 106.4
 85 59.8 46.2 69.4
 99 63.1 49.7 74.5



#56
 Ethyl methacrylate
 Concen: 49.901 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion: 69 Resp: 247253
 Ion Ratio Lower Upper
 69 100
 41 73.8 59.7 89.5
 39 38.1 30.6 45.8

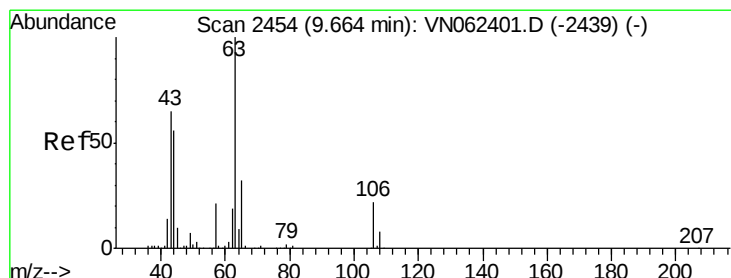
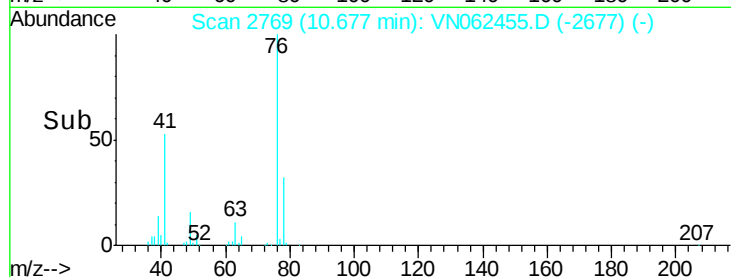
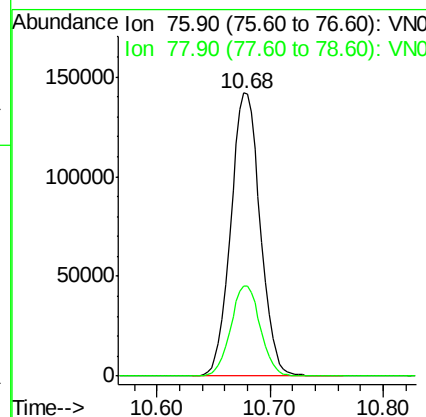
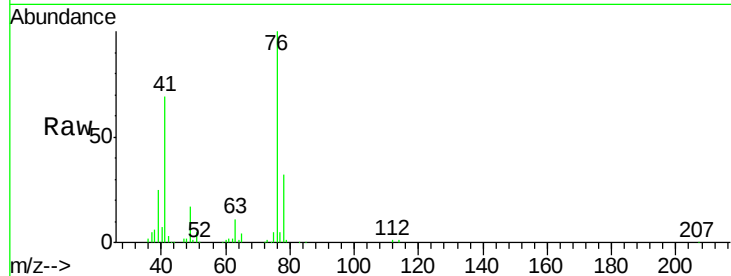




#57
 1,3-Dichloropropane
 Concen: 51.727 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

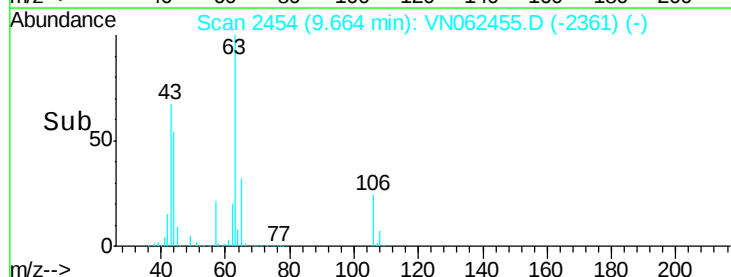
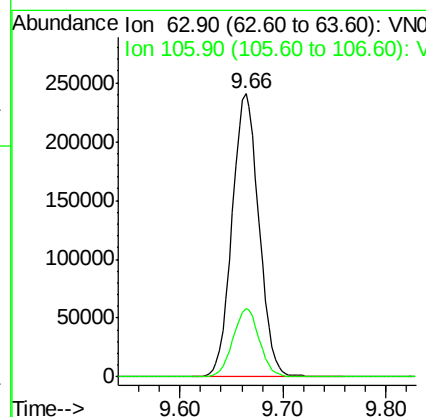
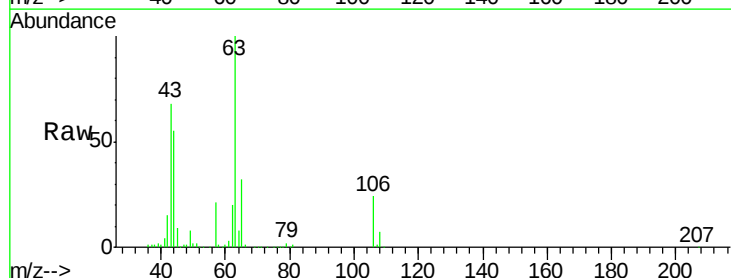
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

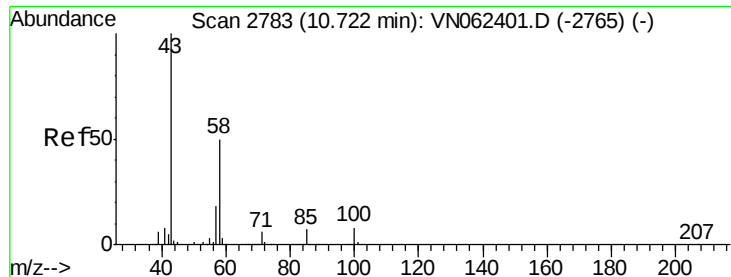
Tgt Ion: 76 Resp: 257312
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 273.376 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion: 63 Resp: 436686
 Ion Ratio Lower Upper
 63 100
 106 23.7 17.6 26.4

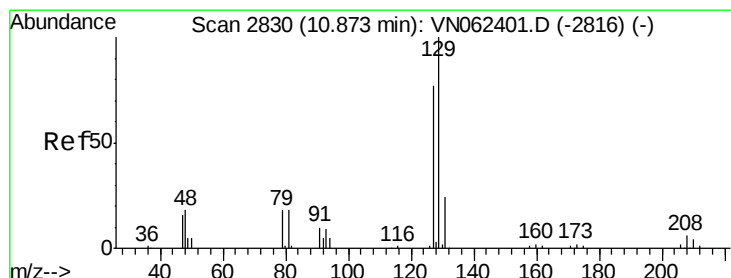
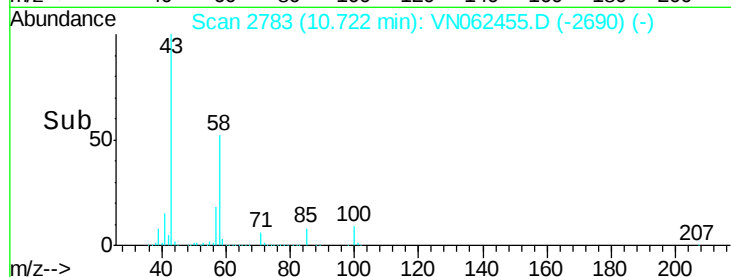
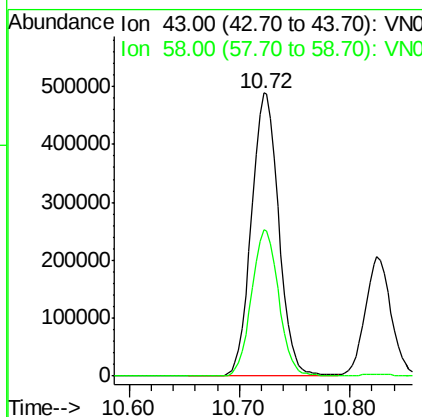
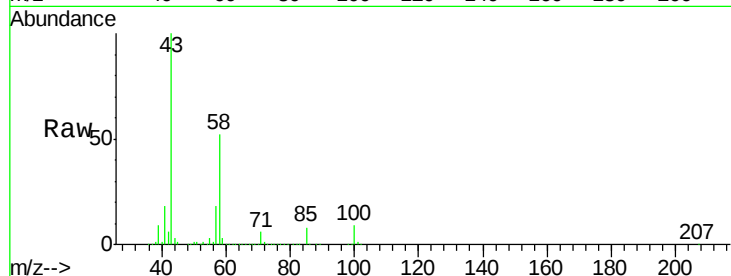




#59
2-Hexanone
Concen: 260.214 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

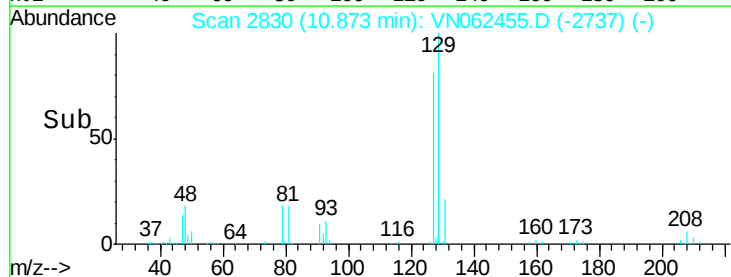
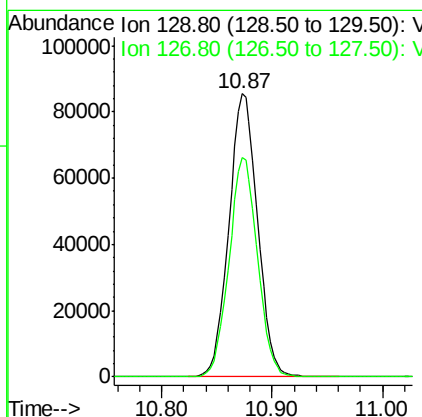
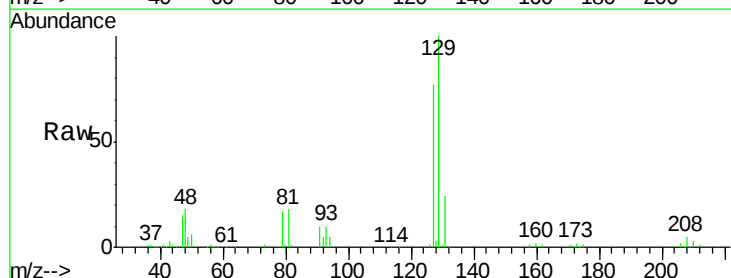
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

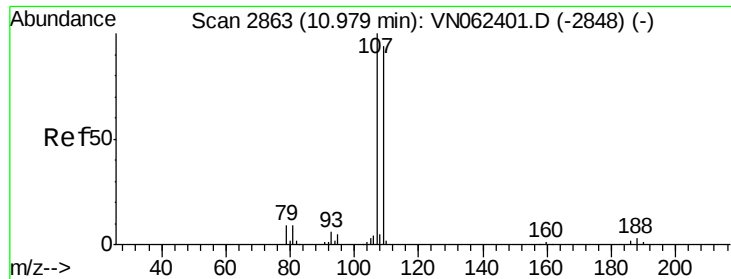
Tgt Ion: 43 Resp: 838153
Ion Ratio Lower Upper
43 100
58 51.5 25.1 75.2



#60
Dibromochloromethane
Concen: 52.719 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion: 129 Resp: 153911
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8

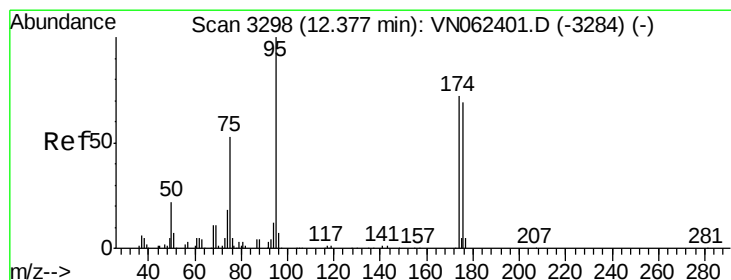
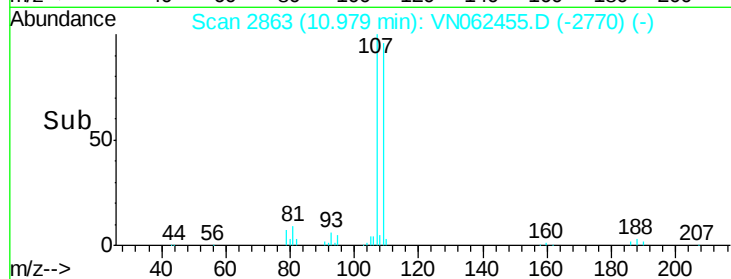
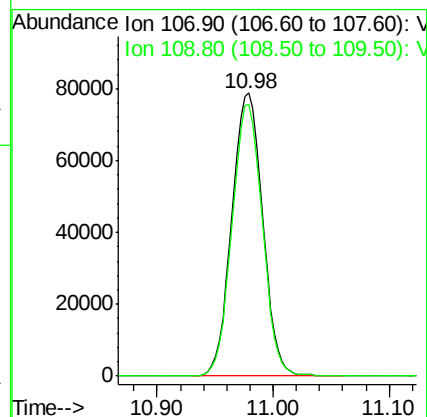
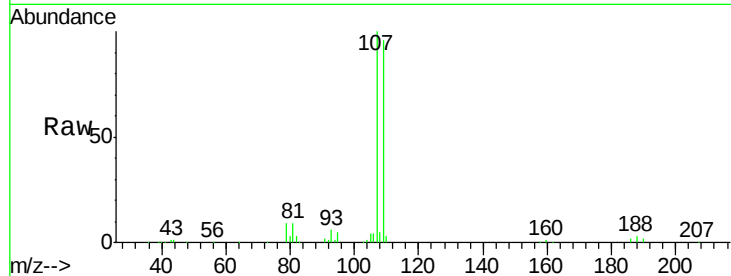




#61
 1,2-Dibromoethane
 Concen: 53.229 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

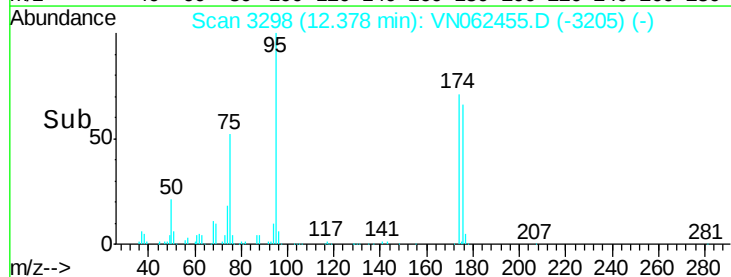
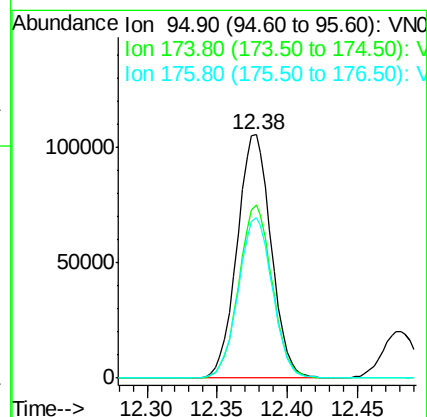
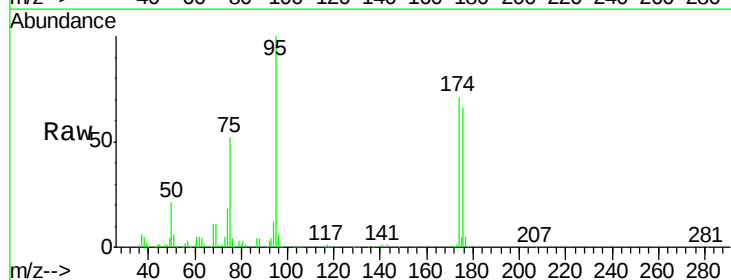
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

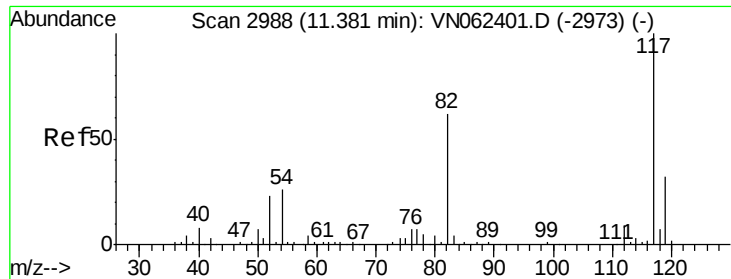
Tgt Ion: 107 Resp: 144678
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.118 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion: 95 Resp: 178391
 Ion Ratio Lower Upper
 95 100
 174 69.9 0.0 141.6
 176 66.3 0.0 137.2

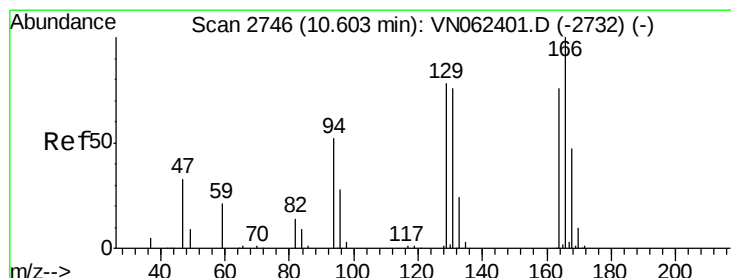
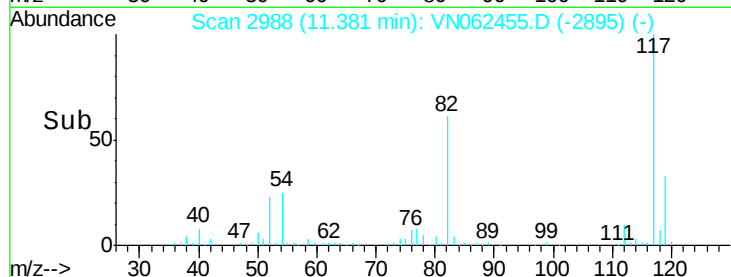
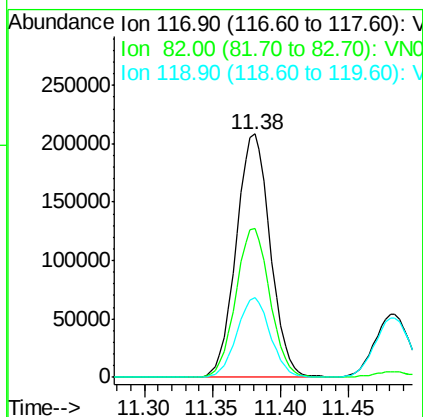
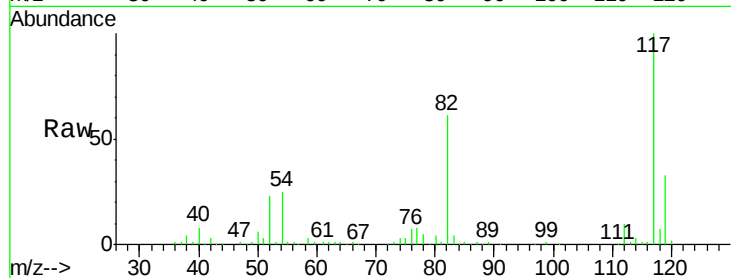




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

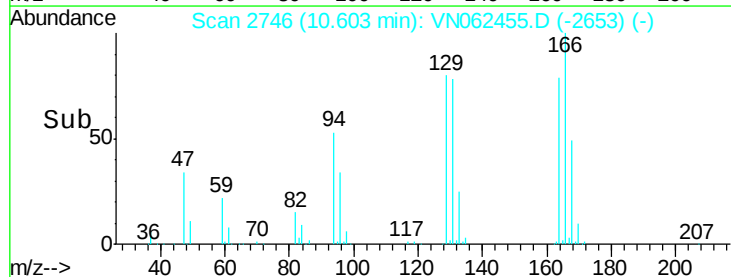
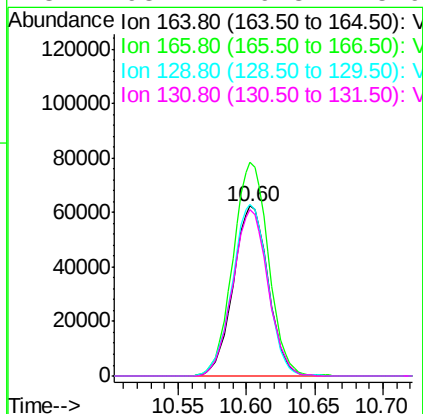
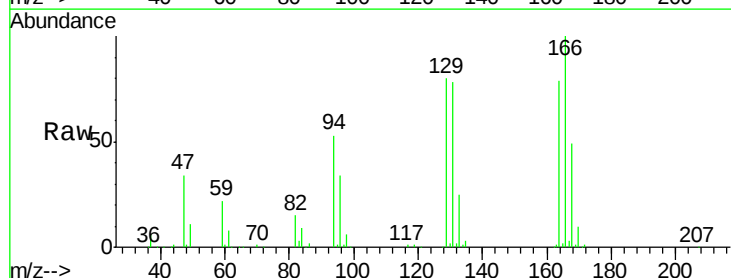
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

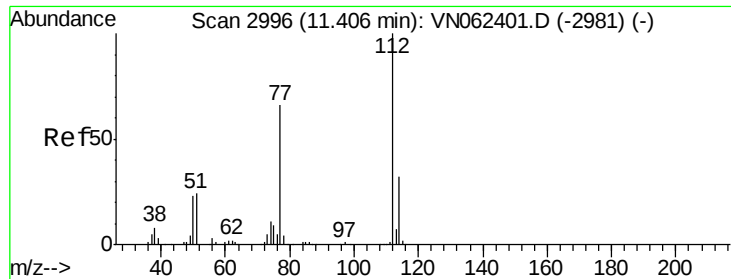
Tgt Ion:117 Resp: 361905
Ion Ratio Lower Upper
117 100
82 61.1 49.6 74.4
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 51.721 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion:164 Resp: 111072
Ion Ratio Lower Upper
164 100
166 125.8 104.9 157.3
129 101.1 81.8 122.6
131 98.2 79.3 118.9

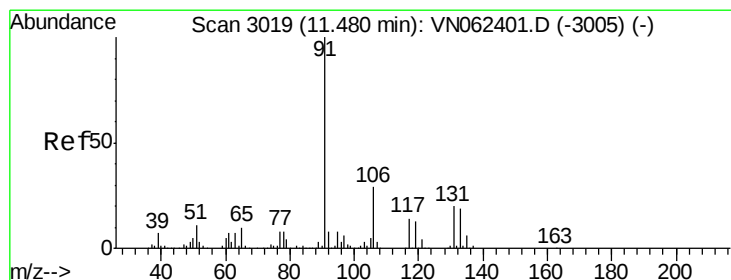
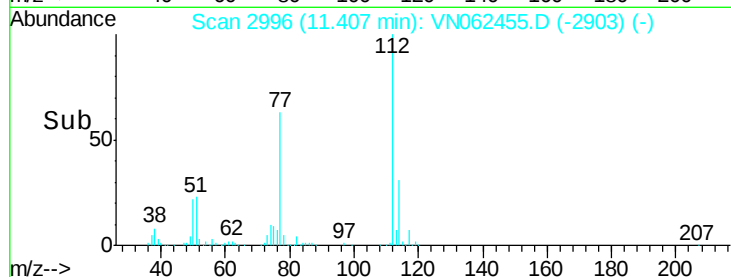
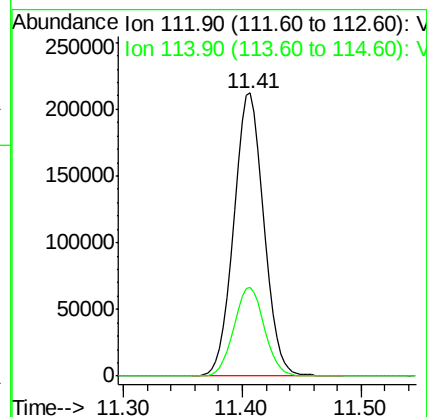
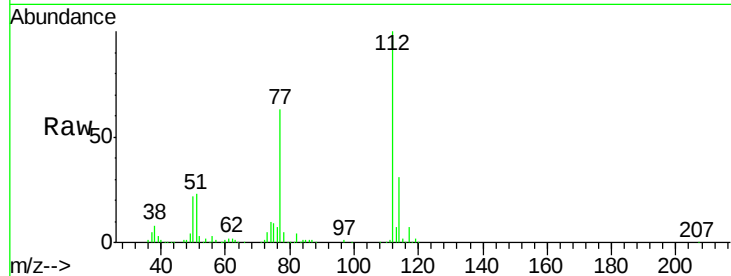




#65
Chlorobenzene
Concen: 52.747 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

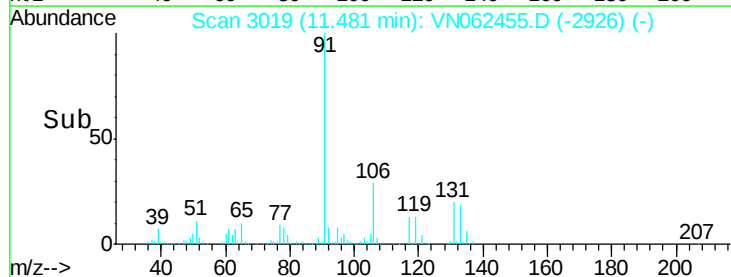
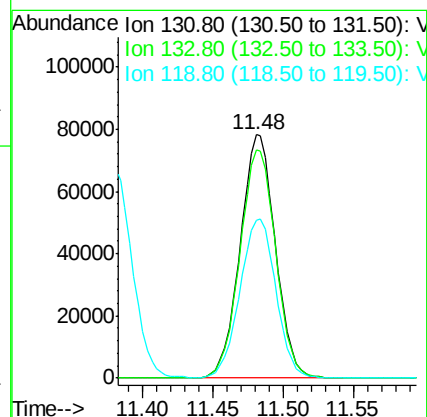
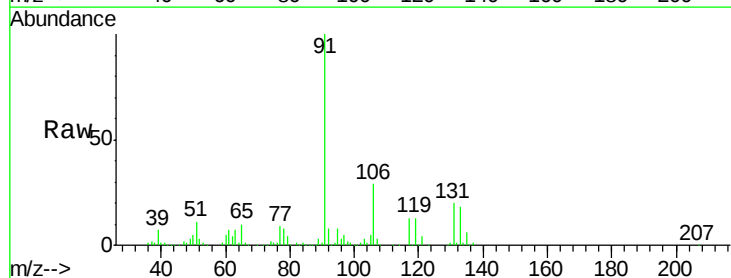
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

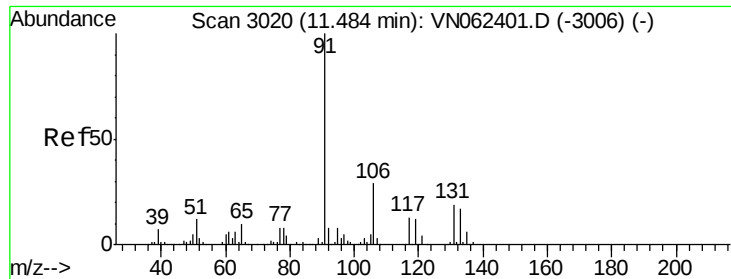
Tgt Ion:112 Resp: 371012
Ion Ratio Lower Upper
112 100
114 31.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.685 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion:131 Resp: 136655
Ion Ratio Lower Upper
131 100
133 95.5 46.9 140.8
119 67.1 33.2 99.6





#67

Ethyl Benzene

Concen: 52.949 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

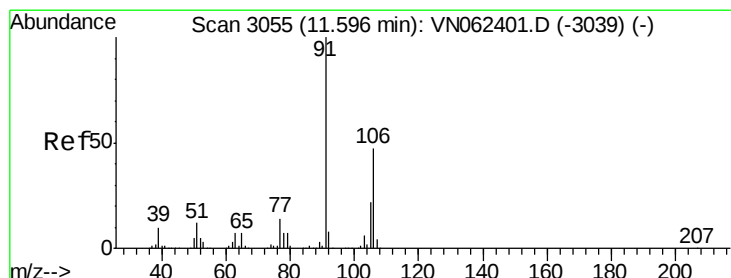
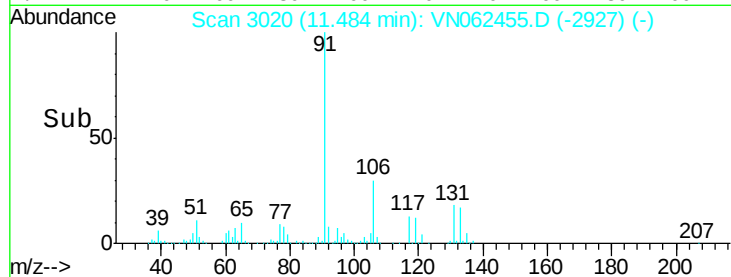
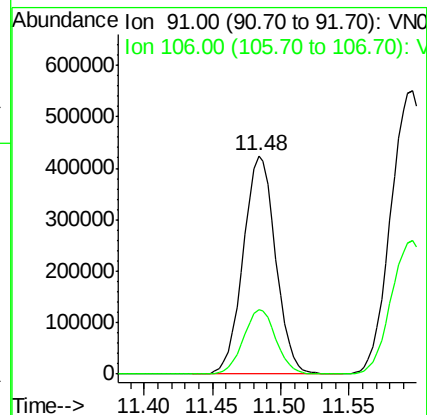
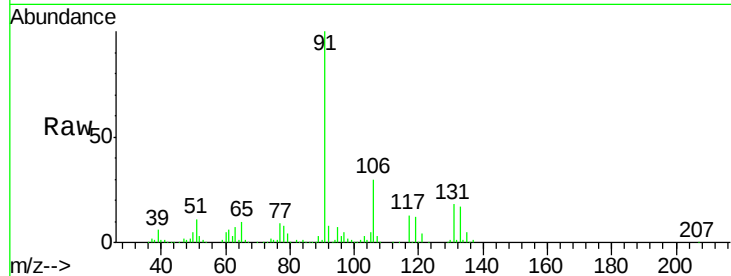
VSTDCCC050EC

Tgt Ion: 91 Resp: 699075

Ion Ratio Lower Upper

91 100

106 29.7 23.4 35.2



#68

m/p-Xylenes

Concen: 107.467 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN062455.D

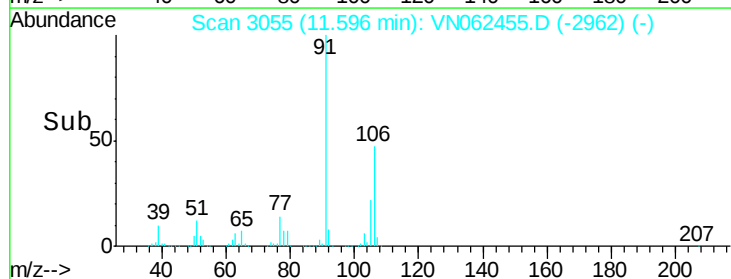
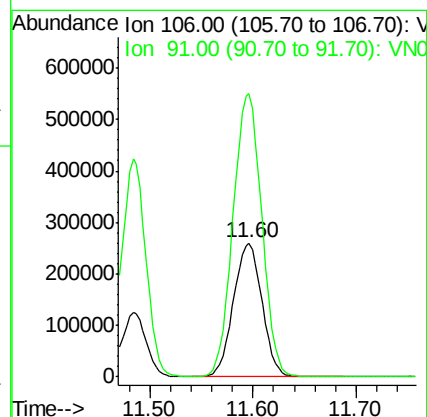
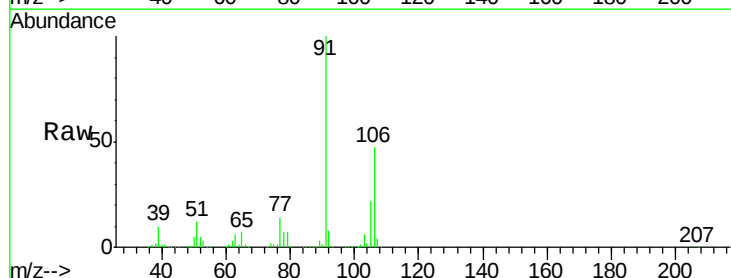
Acq: 9 Jul 2020 14:17

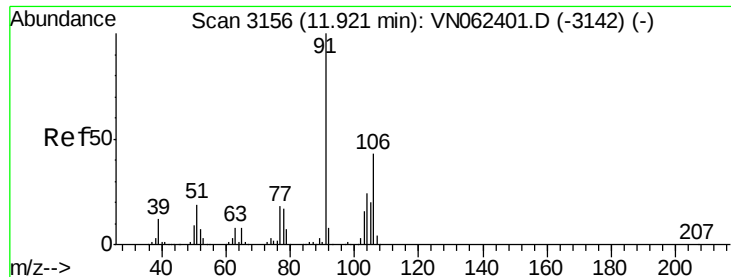
Tgt Ion: 106 Resp: 502292

Ion Ratio Lower Upper

106 100

91 212.8 172.4 258.6

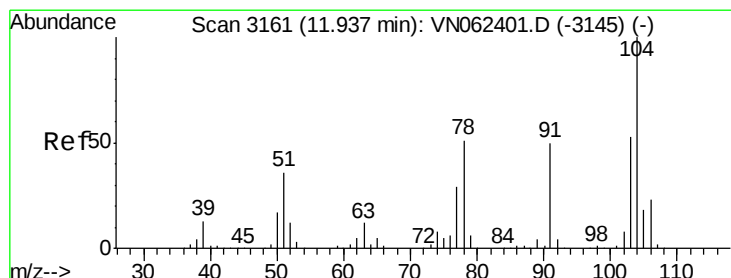
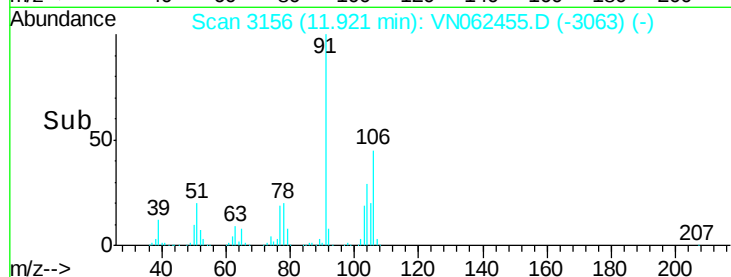
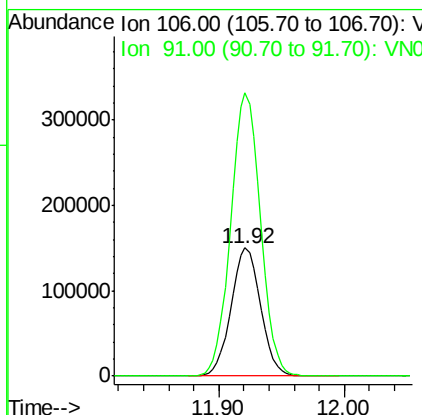
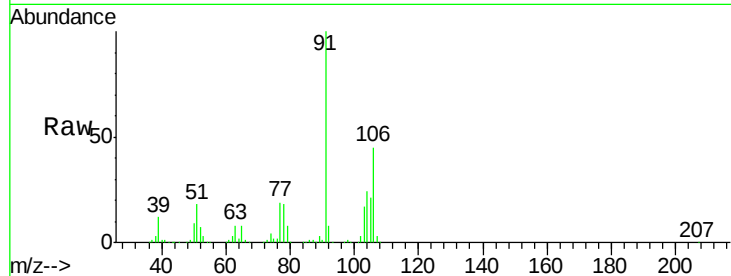




#69
o-Xylene
Concen: 53.966 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

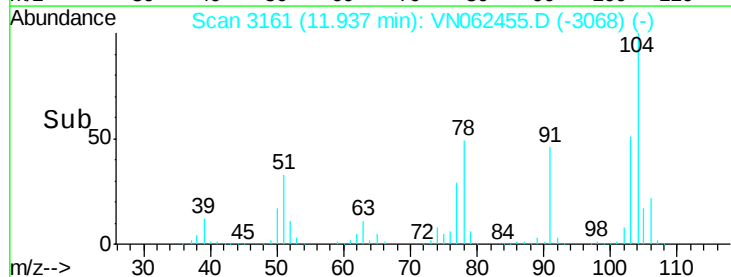
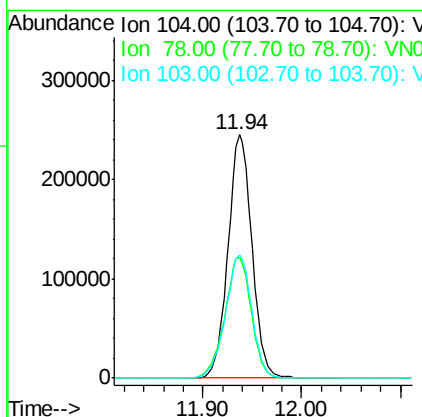
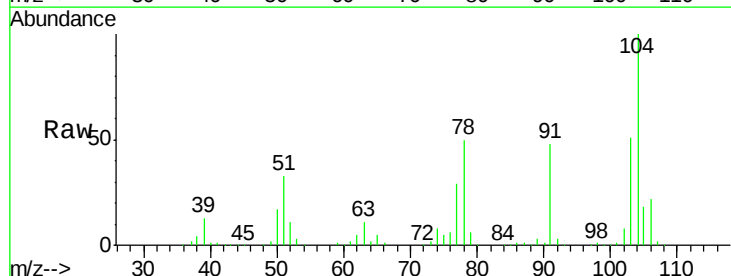
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

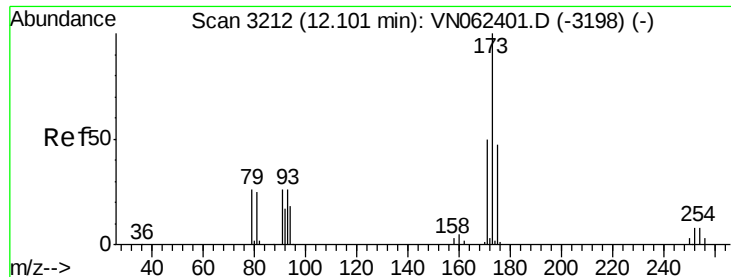
Tgt Ion:106 Resp: 245583
Ion Ratio Lower Upper
106 100
91 222.9 113.8 341.4



#70
Styrene
Concen: 55.343 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion:104 Resp: 416232
Ion Ratio Lower Upper
104 100
78 55.1 44.2 66.4
103 55.4 44.4 66.6





#71

Bromoform

Concen: 54.819 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

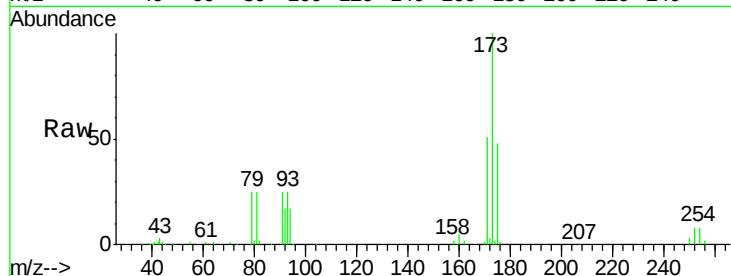
Tgt Ion:173 Resp: 104236

Ion Ratio Lower Upper

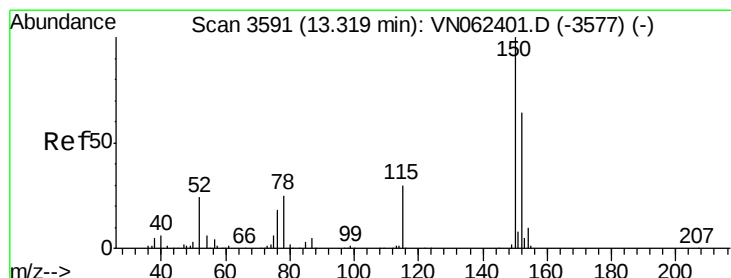
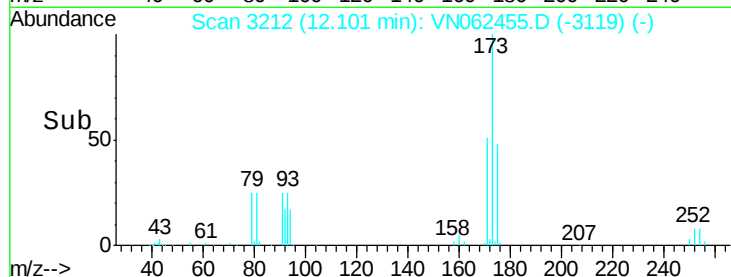
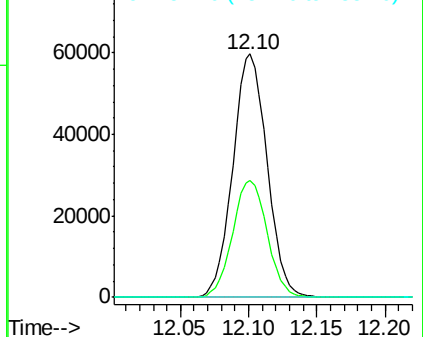
173 100

175 48.4 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: VN062455.D

Acq: 9 Jul 2020 14:17

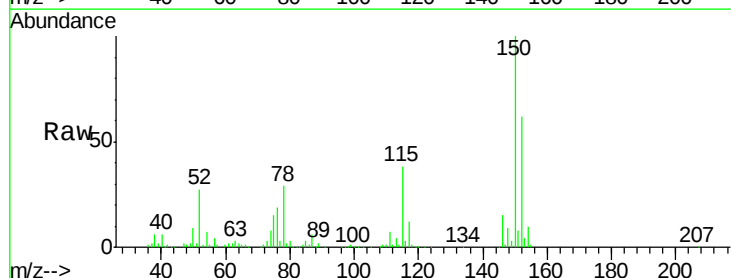
Tgt Ion:152 Resp: 162948

Ion Ratio Lower Upper

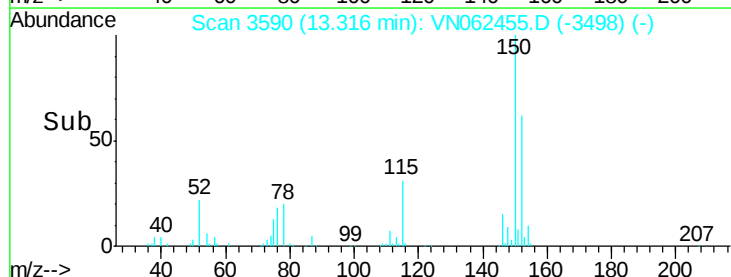
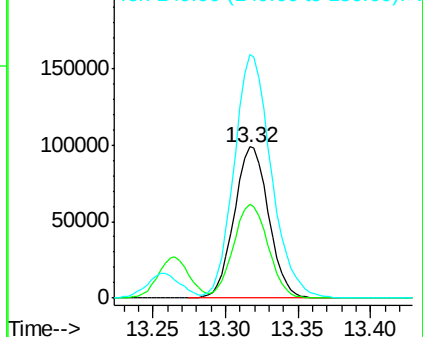
152 100

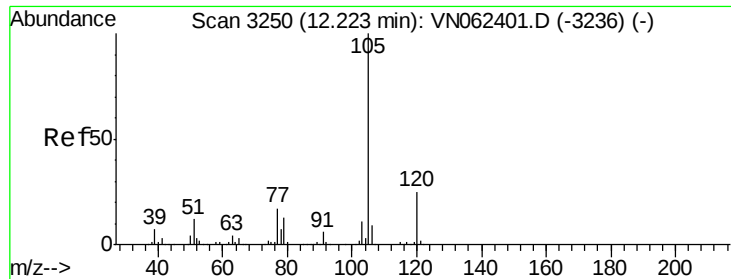
115 62.7 31.4 94.2

150 174.2 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: 52.338 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

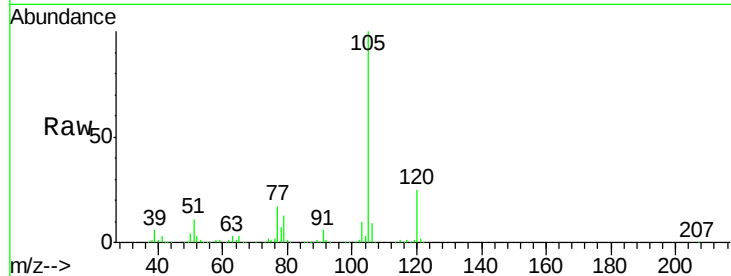
VSTDCCC050EC

Tgt Ion: 105 Resp: 659941

Ion Ratio Lower Upper

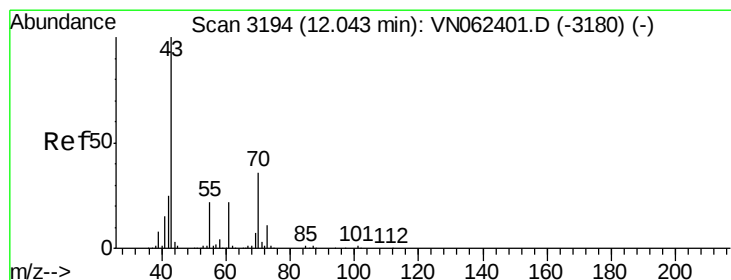
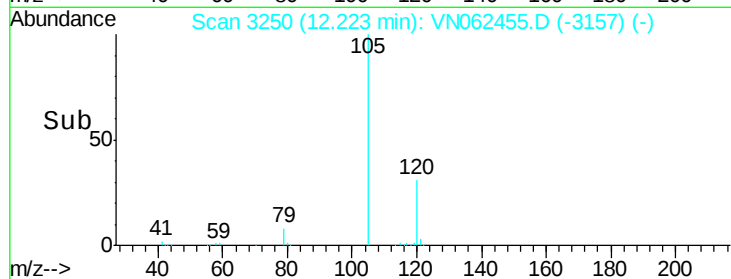
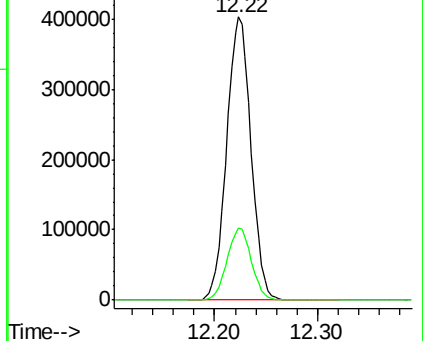
105 100

120 25.6 12.7 38.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.922 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Tgt Ion: 43 Resp: 337072

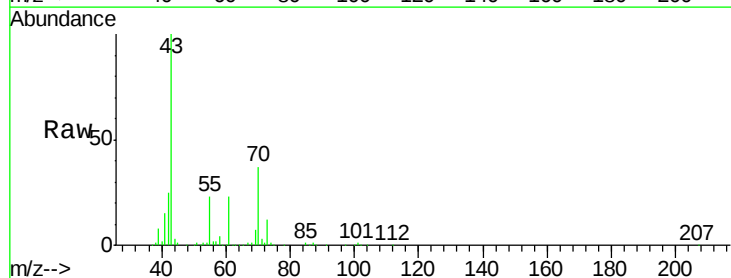
Ion Ratio Lower Upper

43 100

70 37.9 30.0 45.0

55 23.1 18.2 27.4

61 22.8 17.7 26.5

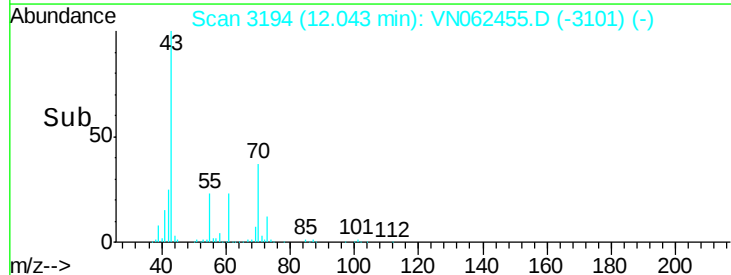
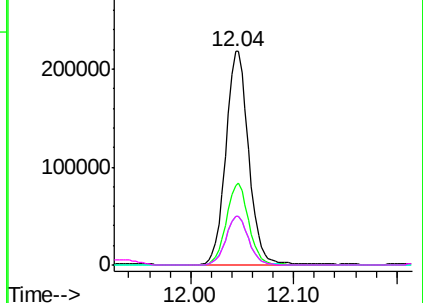


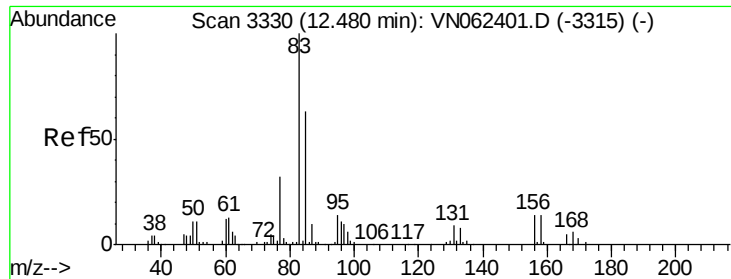
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 52.000 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

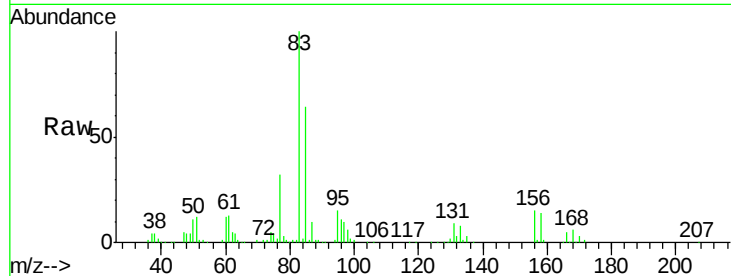
Tgt Ion: 83 Resp: 220464

Ion Ratio Lower Upper

83 100

131 9.1 4.5 13.5

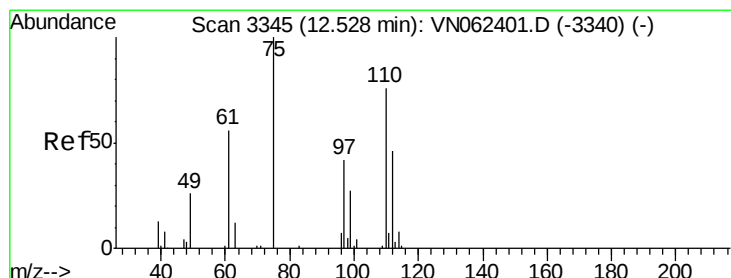
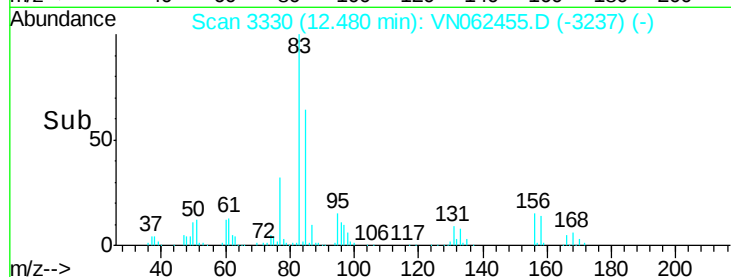
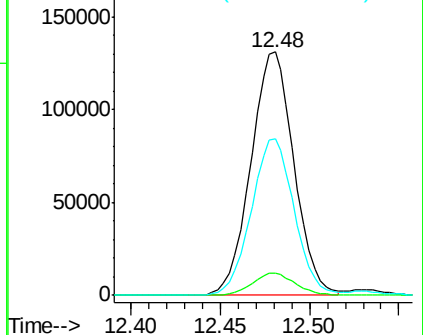
85 64.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 71.008 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062455.D

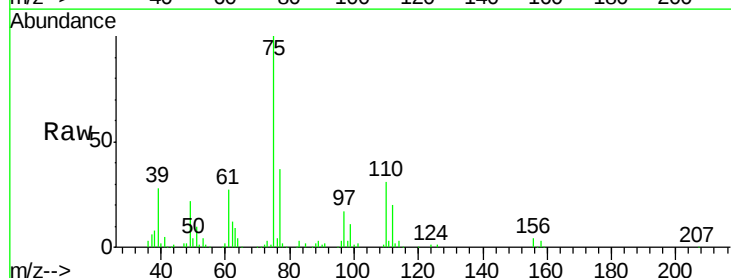
Acq: 9 Jul 2020 14:17

Tgt Ion: 75 Resp: 283903

Ion Ratio Lower Upper

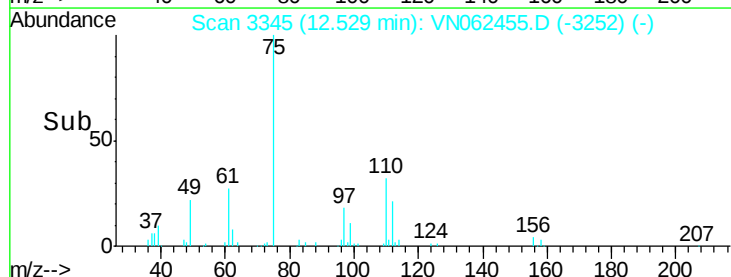
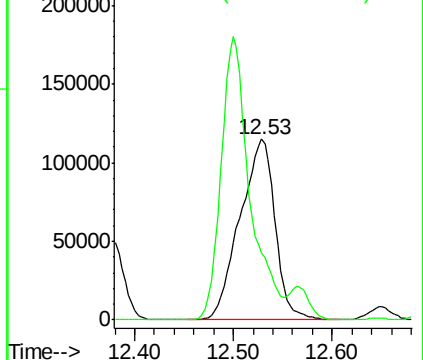
75 100

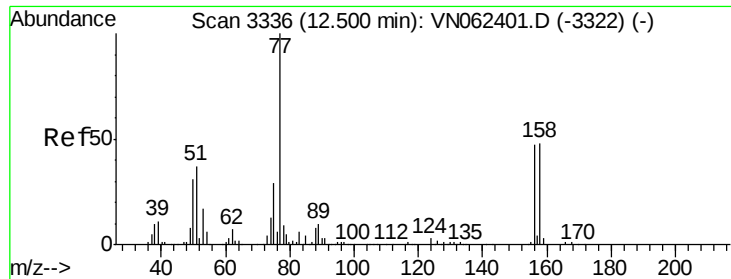
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 51.914 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

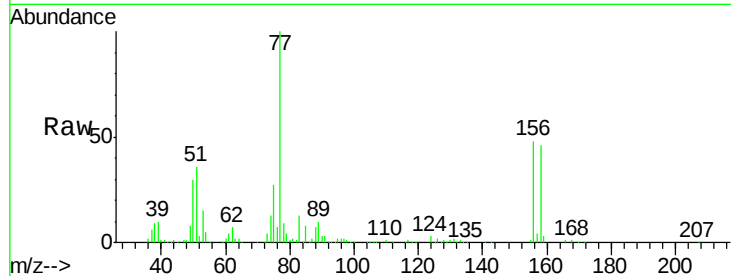
Tgt Ion:156 Resp: 148817

Ion Ratio Lower Upper

156 100

77 247.6 126.4 379.3

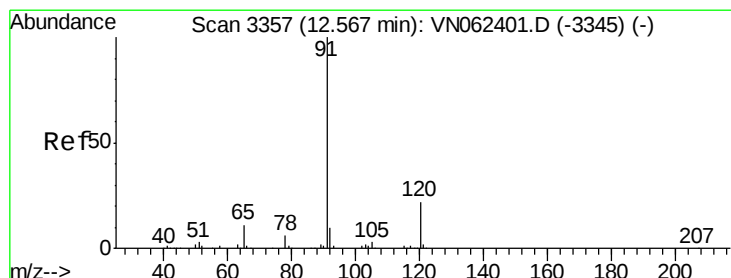
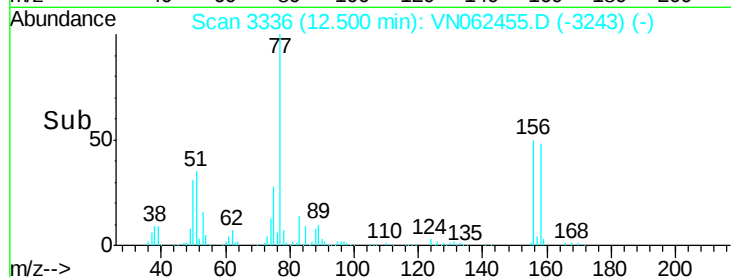
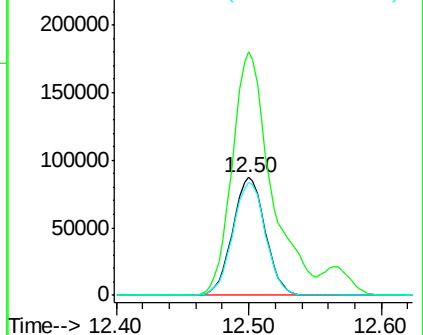
158 96.4 49.8 149.4



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: 52.957 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062455.D

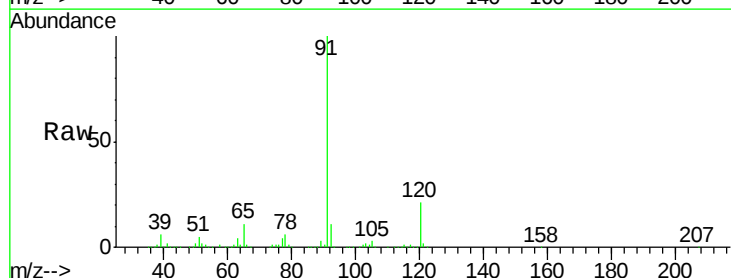
Acq: 9 Jul 2020 14:17

Tgt Ion: 91 Resp: 779998

Ion Ratio Lower Upper

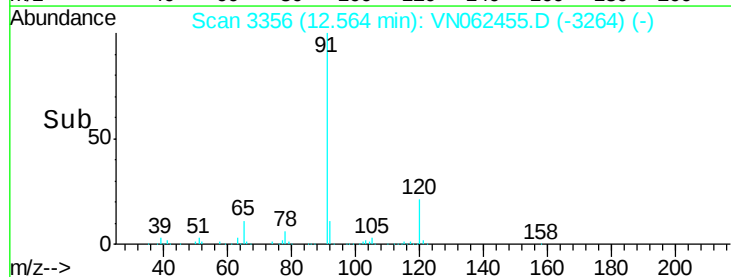
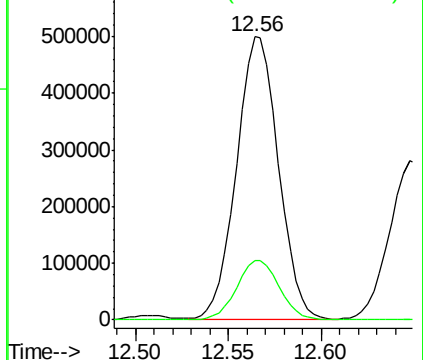
91 100

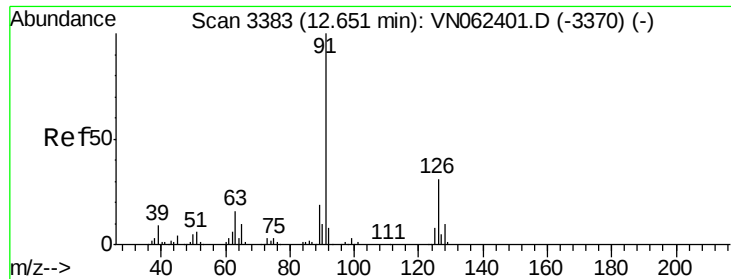
120 21.4 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.045 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

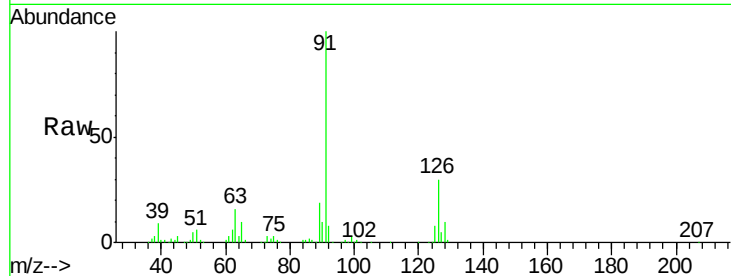
VSTDCCC050EC

Tgt Ion: 91 Resp: 465249

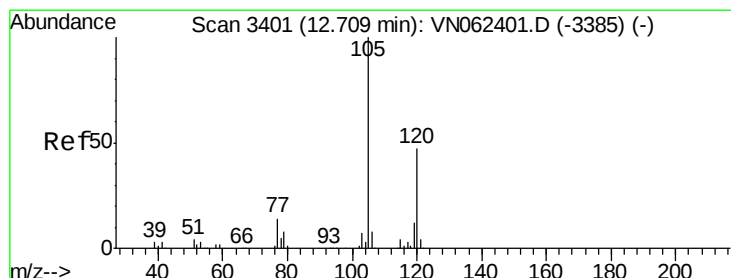
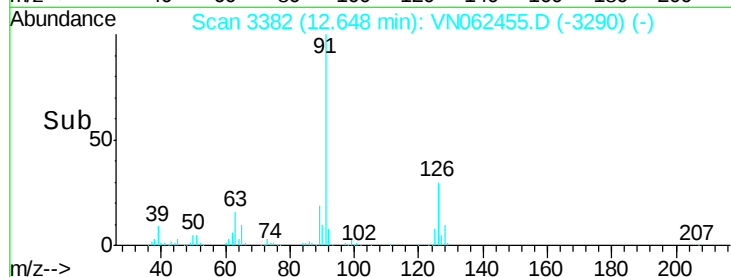
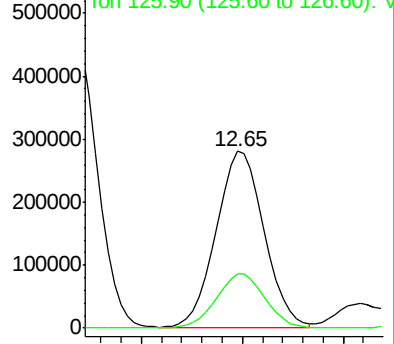
Ion Ratio Lower Upper

91 100

126 31.2 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.468 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062455.D

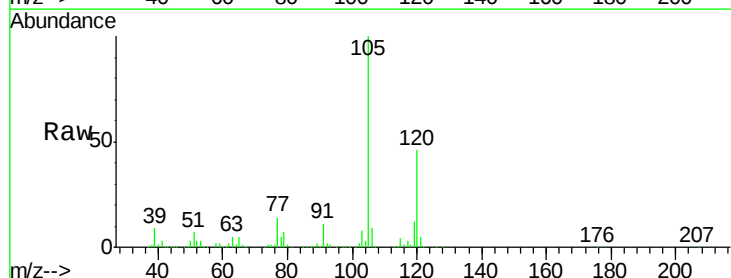
Acq: 9 Jul 2020 14:17

Tgt Ion: 105 Resp: 552688

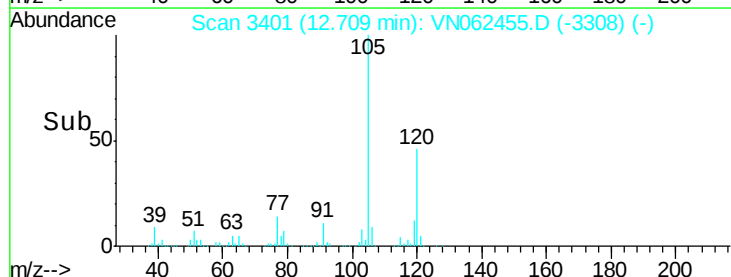
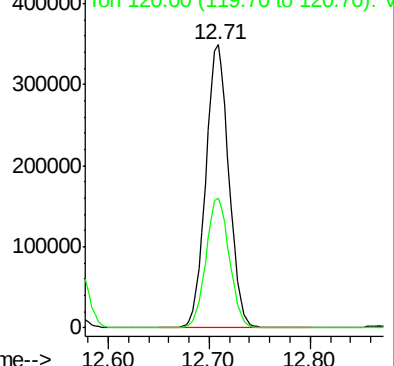
Ion Ratio Lower Upper

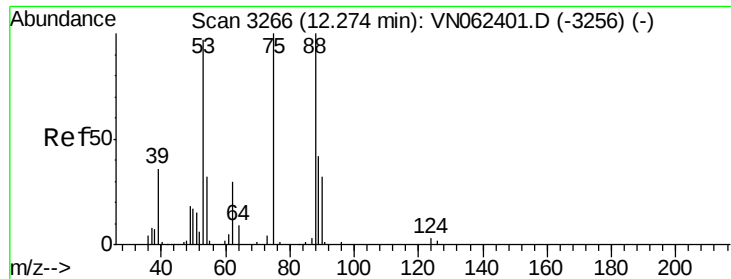
105 100

120 46.3 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN062401.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.780 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

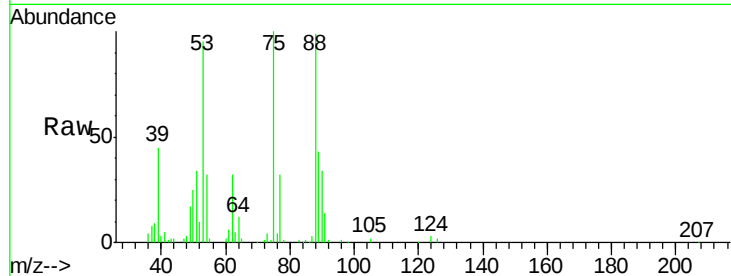
Tgt Ion: 75 Resp: 69879

Ion Ratio Lower Upper

75 100

53 98.0 79.2 118.8

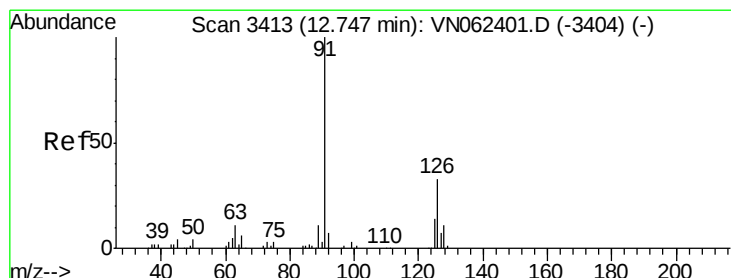
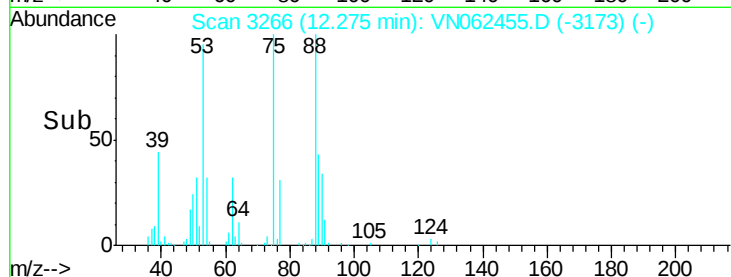
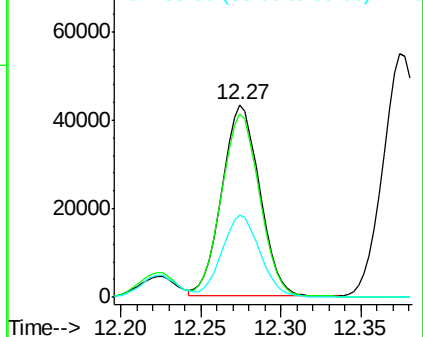
89 43.5 34.6 52.0



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: 52.719 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062455.D

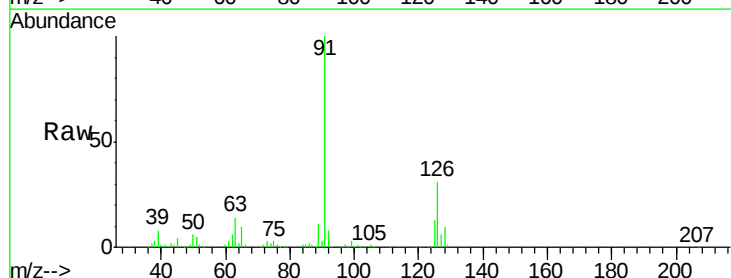
Acq: 9 Jul 2020 14:17

Tgt Ion: 91 Resp: 478445

Ion Ratio Lower Upper

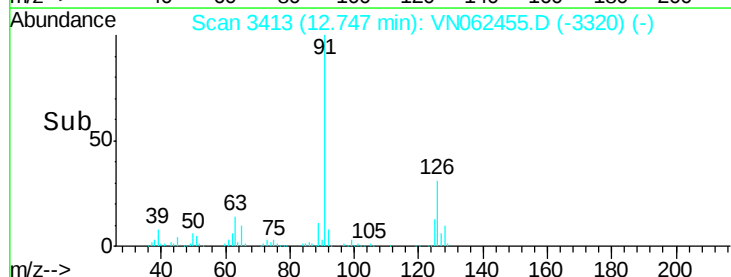
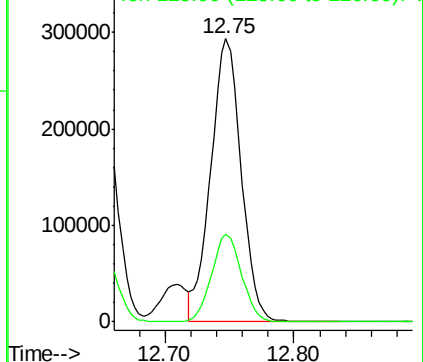
91 100

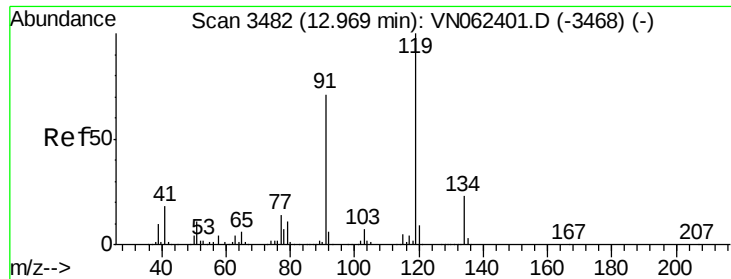
126 30.8 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

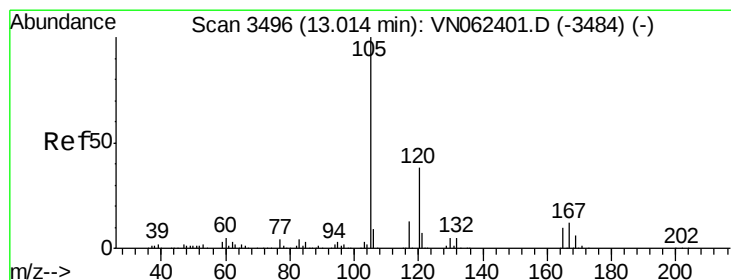
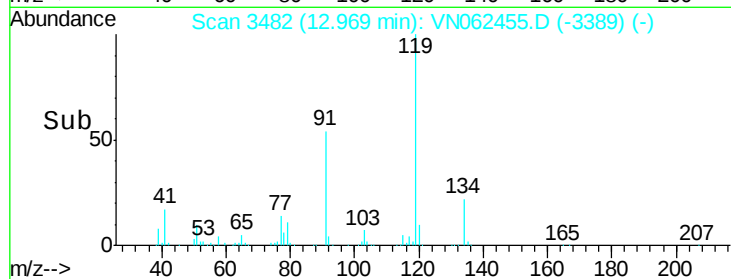
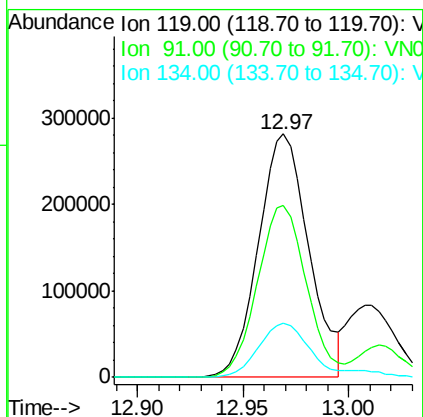
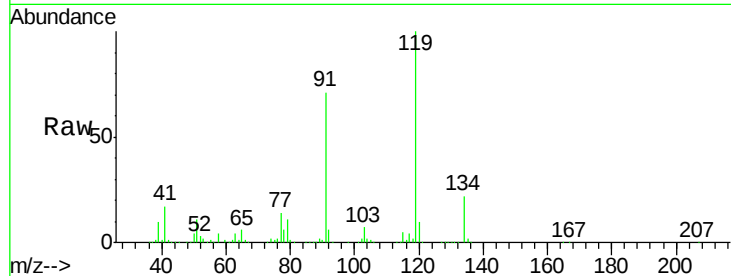




#83
 tert-Butylbenzene
 Concen: 53.265 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

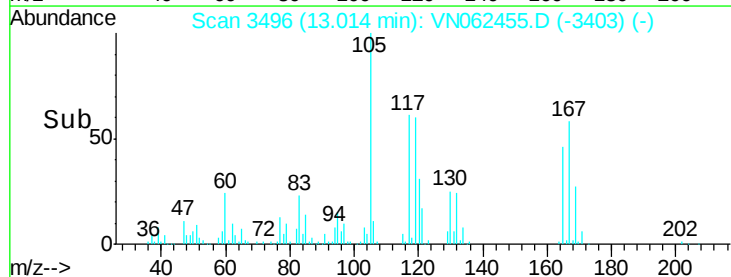
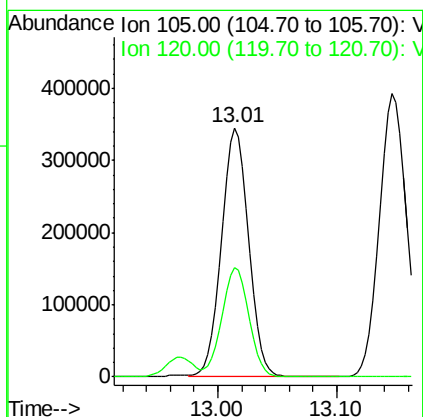
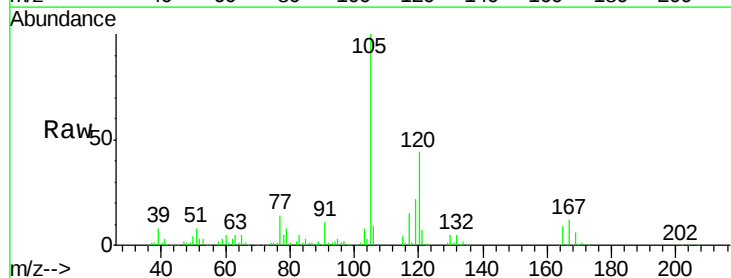
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

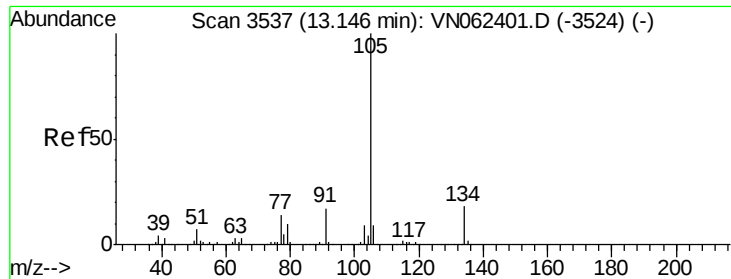
Tgt Ion:119 Resp: 467247
 Ion Ratio Lower Upper
 119 100
 91 69.2 34.8 104.3
 134 22.4 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 53.014 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion:105 Resp: 544697
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.6 64.8

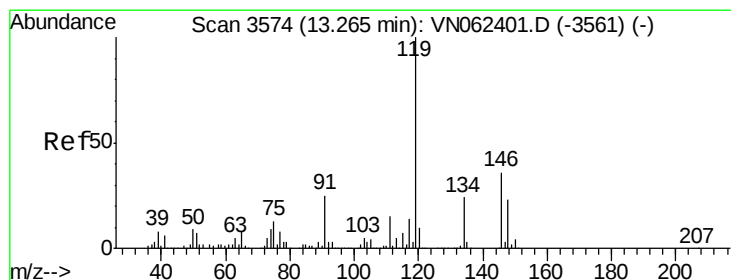
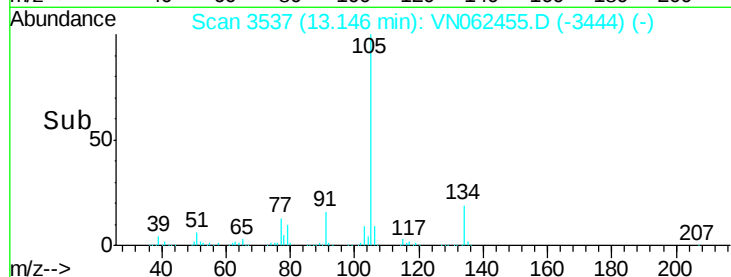
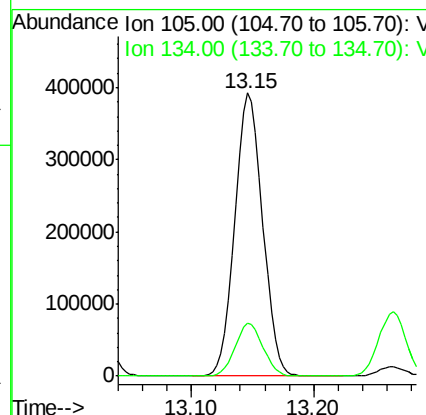
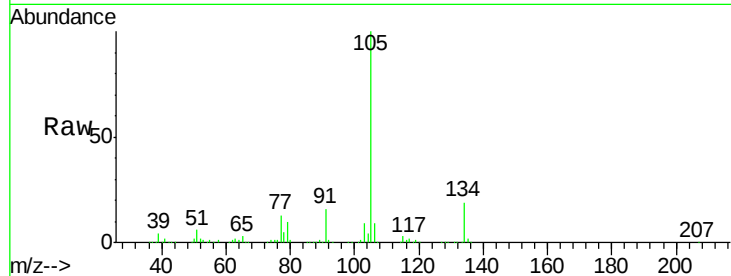




#85
 sec-Butylbenzene
 Concen: 53.586 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

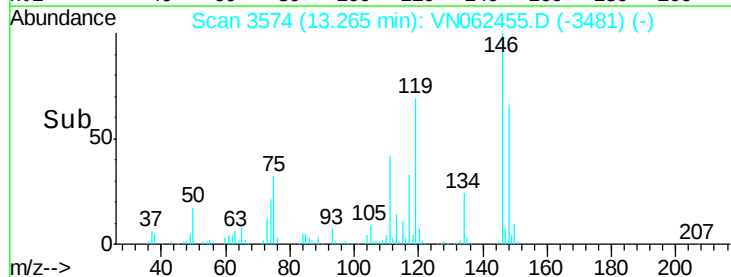
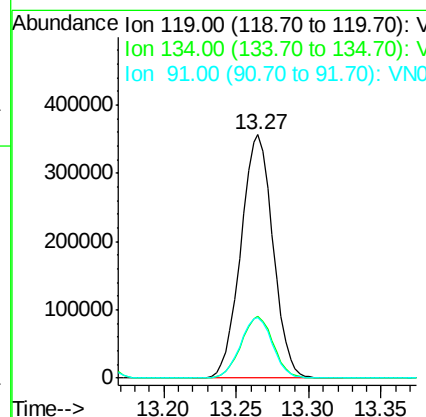
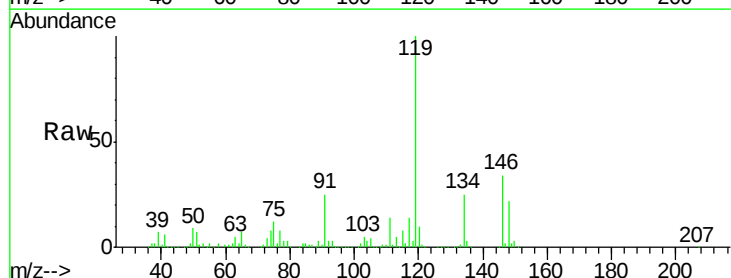
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

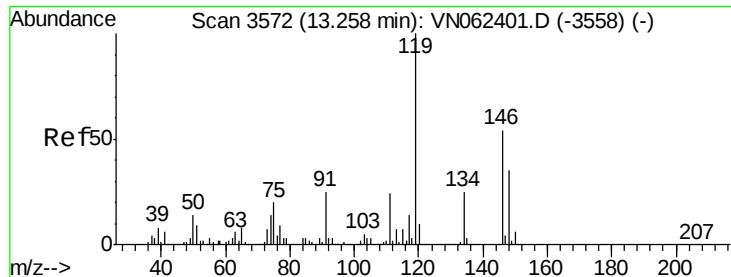
Tgt Ion:105 Resp: 622877
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.3 28.0



#86
 p-Isopropyltoluene
 Concen: 54.502 ug/l
 RT: 13.27 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion:119 Resp: 546792
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.4 37.0
 91 24.9 12.4 37.4

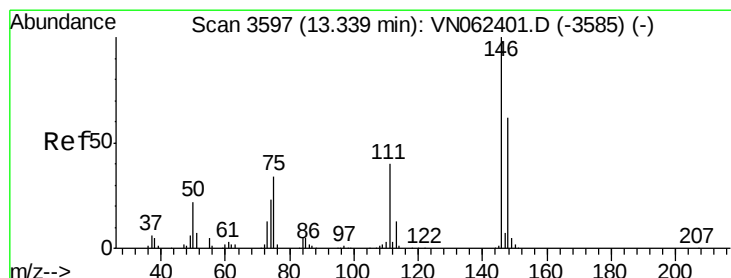
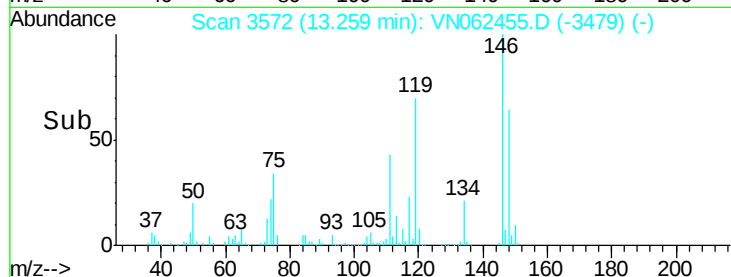
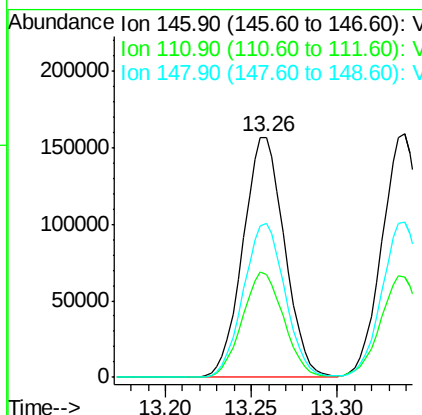
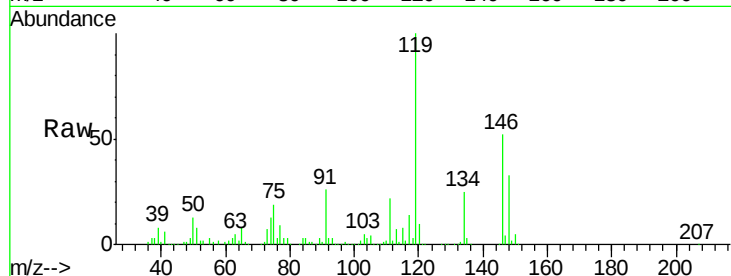




#87
 1,3-Dichlorobenzene
 Concen: 53.163 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

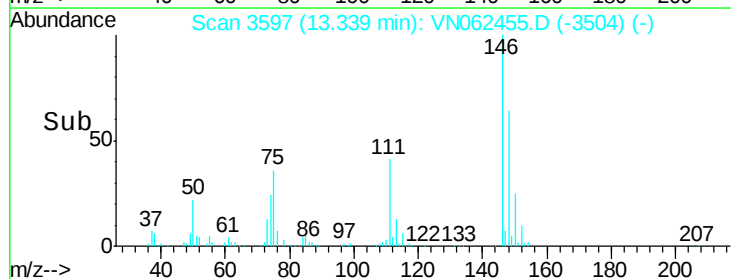
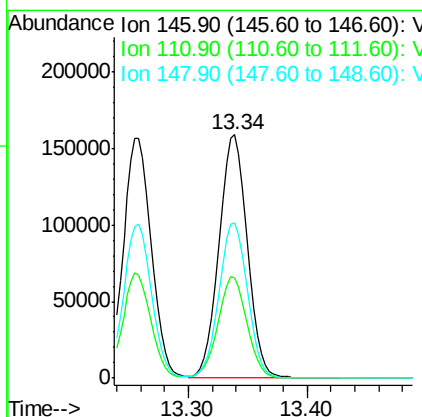
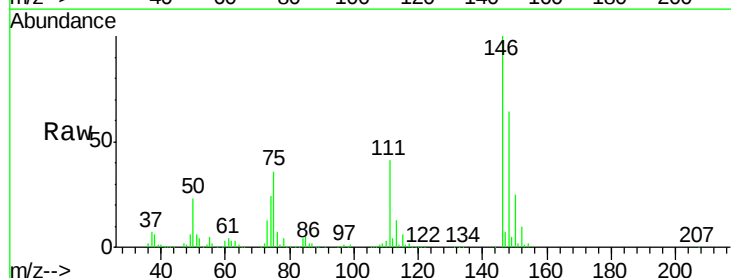
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

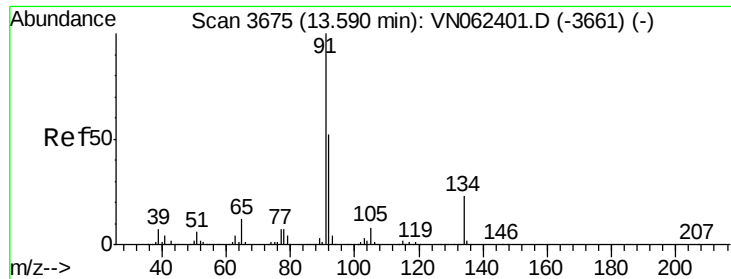
Tgt Ion:146 Resp: 262907
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.6 64.6
 148 64.1 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 51.774 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion:146 Resp: 263452
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.1
 148 63.7 31.4 94.2





#89

n-Butylbenzene

Concen: 53.328 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

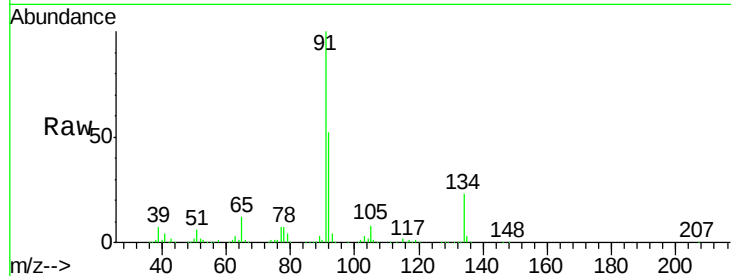
Tgt Ion: 91 Resp: 472399

Ion Ratio Lower Upper

91 100

92 51.8 25.9 77.7

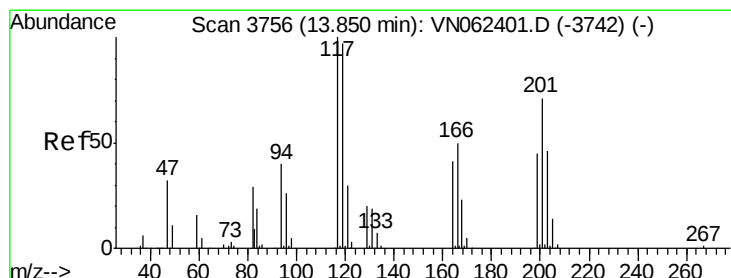
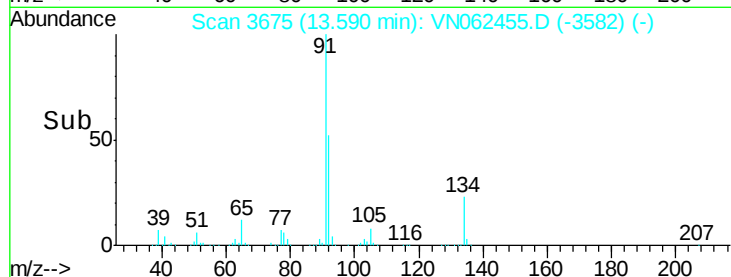
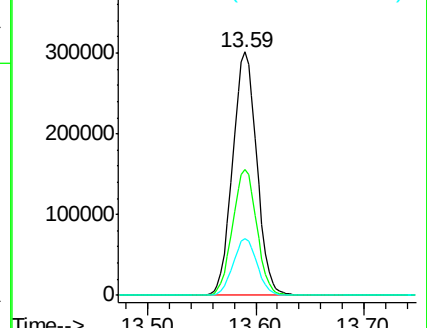
134 23.2 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062401.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062401.D (-3661) (-)



#90

Hexachloroethane

Concen: 49.444 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN062455.D

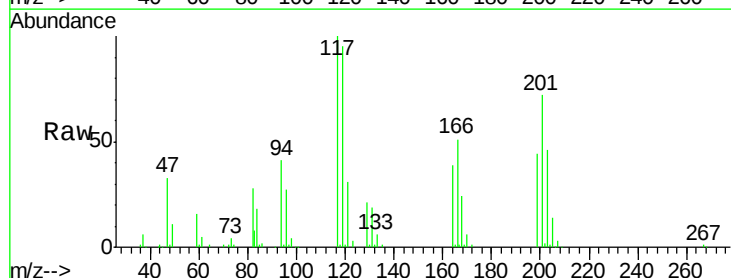
Acq: 9 Jul 2020 14:17

Tgt Ion: 117 Resp: 97578

Ion Ratio Lower Upper

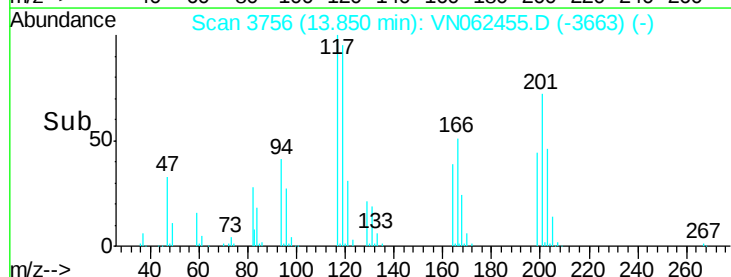
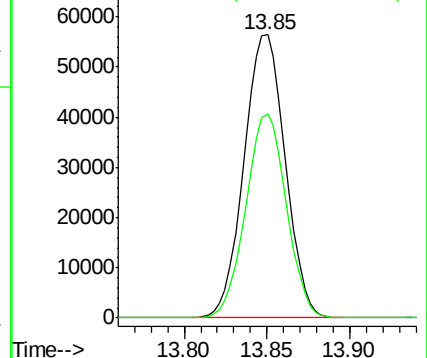
117 100

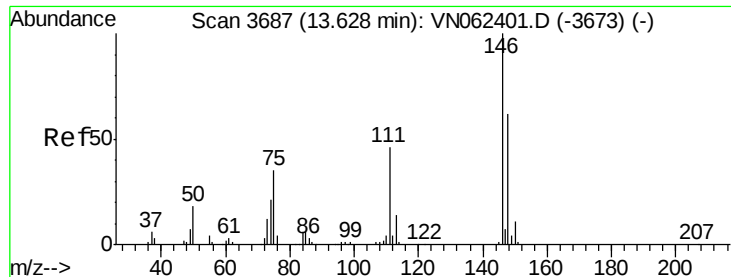
201 70.7 35.4 106.2



Abundance Ion 116.80 (116.50 to 117.50): VN062401.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062401.D (-3742) (-)





#91

1,2-Dichlorobenzene

Concen: 53.902 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

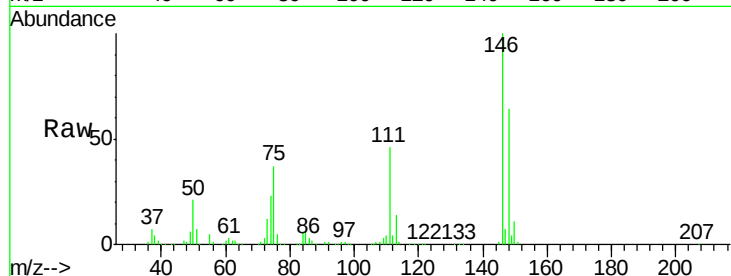
Tgt Ion:146 Resp: 257728

Ion Ratio Lower Upper

146 100

111 44.9 22.5 67.5

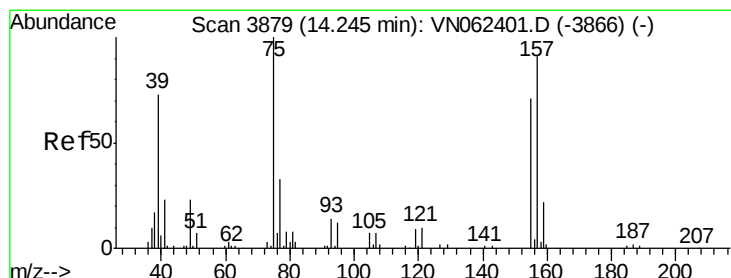
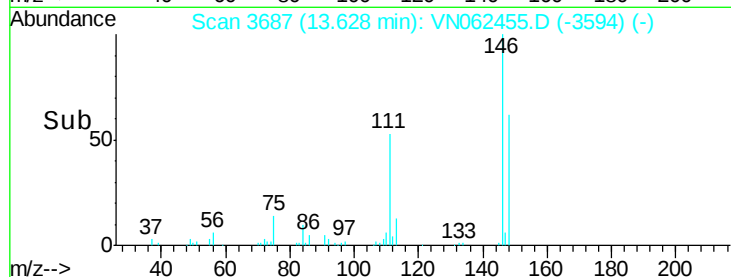
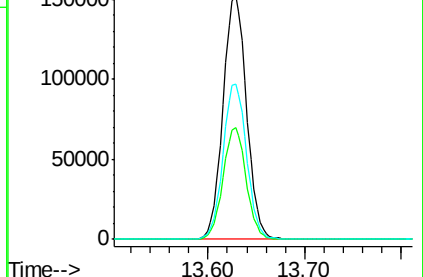
148 63.7 31.4 94.2



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: 54.300 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

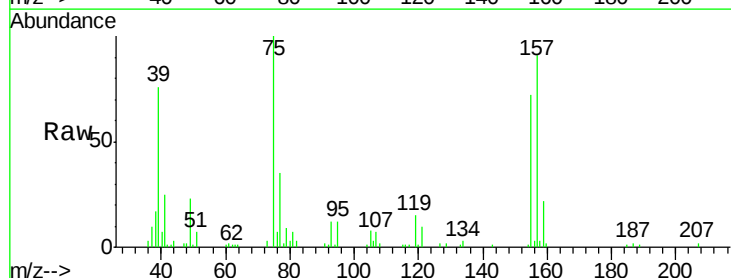
Tgt Ion: 75 Resp: 42012

Ion Ratio Lower Upper

75 100

155 69.4 35.2 105.6

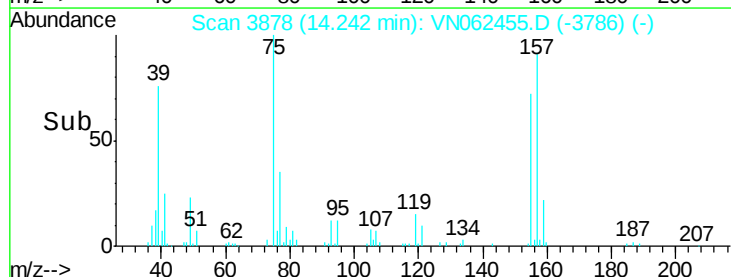
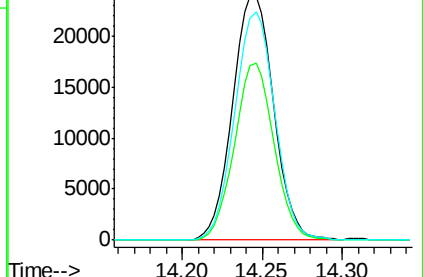
157 91.2 45.8 137.3

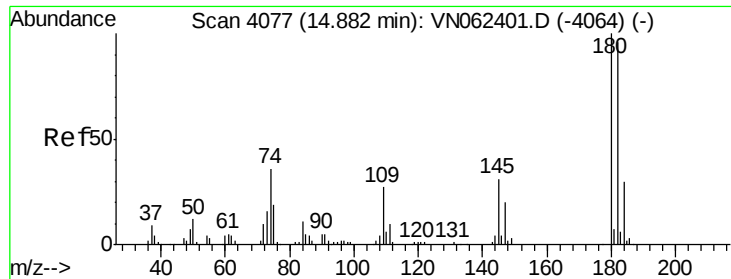


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

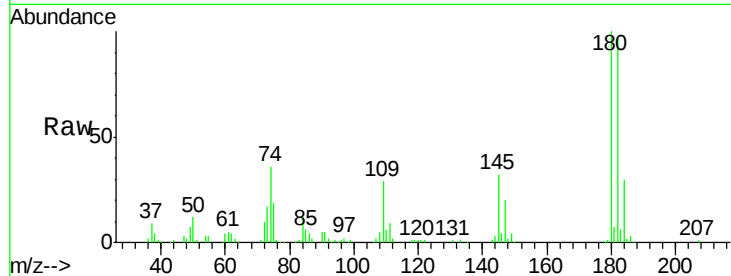




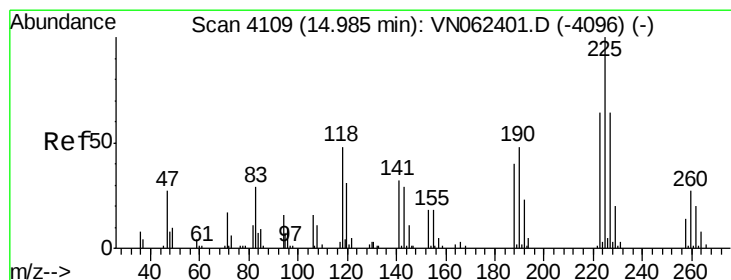
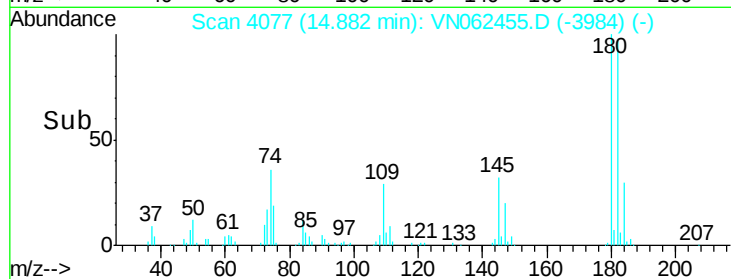
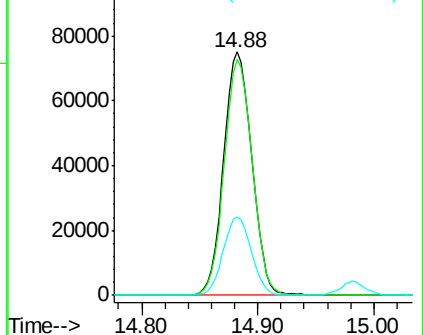
#93
 1,2,4-Trichlorobenzene
 Concen: 54.898 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 126178
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.4 145.2
 145 32.0 15.5 46.5

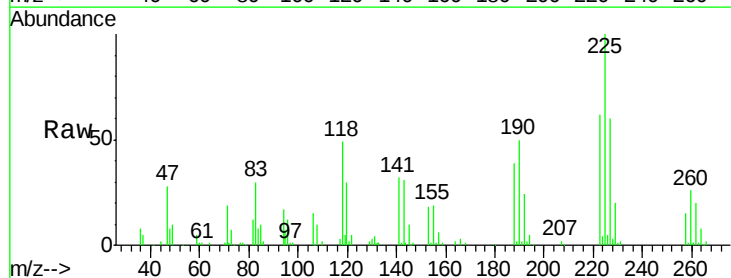


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

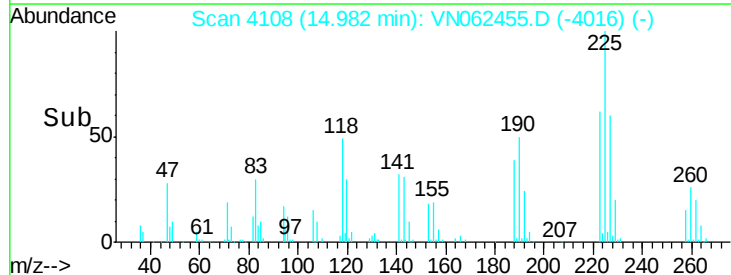
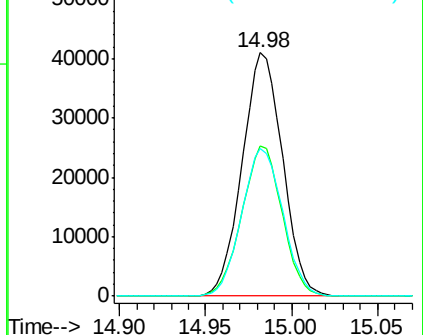


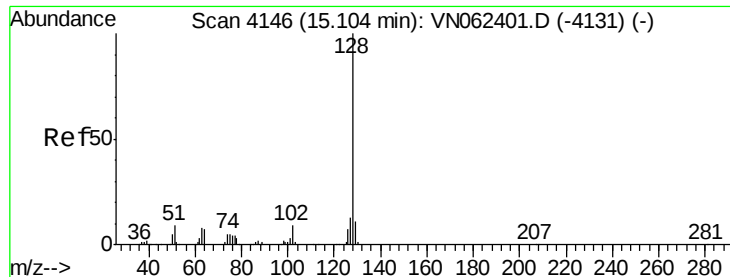
#94
 Hexachlorobutadiene
 Concen: 52.622 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion:225 Resp: 66805
 Ion Ratio Lower Upper
 225 100
 223 61.1 32.3 96.8
 227 61.7 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

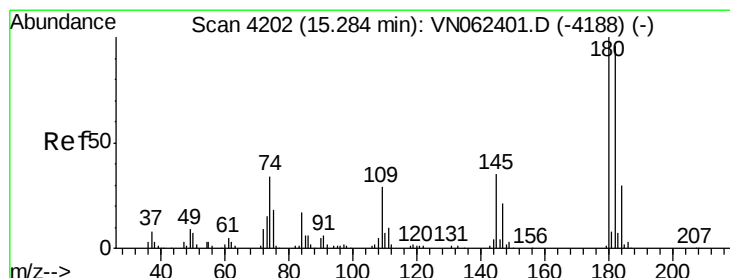
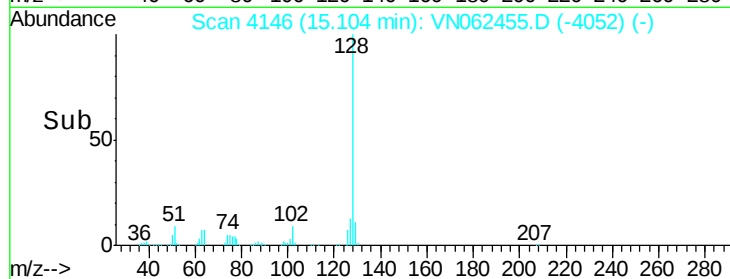
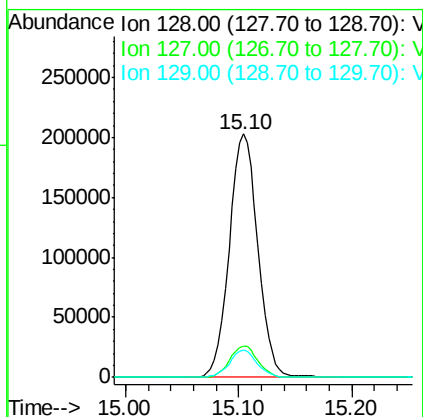
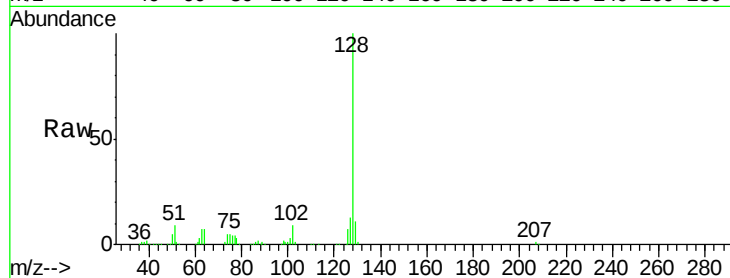




#95
Naphthalene
Concen: 56.250 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 355788
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 48.989 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion:180 Resp: 125948
Ion Ratio Lower Upper
180 100
182 95.2 47.8 143.4
145 33.2 17.0 50.9

