

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062723.D
 Acq On : 1 Aug 2020 7:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 01 07:45:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	157331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	256256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	240180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	118988	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	130710	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
35) Dibromofluoromethane	7.55	113	87016	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
50) Toluene-d8	10.06	98	333157	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.38	95	127121	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	78838	42.010	ug/l	98
3) Chloromethane	2.03	50	90798	35.672	ug/l	98
4) Vinyl Chloride	2.16	62	85016	38.529	ug/l	100
5) Bromomethane	2.50	94	46427	47.504	ug/l	94
6) Chloroethane	2.65	64	51710	51.807	ug/l	97
7) Trichlorofluoromethane	2.97	101	141875	54.762	ug/l	99
8) Diethyl Ether	3.37	74	53260	43.962	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.71	101	74749	45.001	ug/l	97
10) Methyl Iodide	3.91	142	100079	47.128	ug/l	95
11) Tert butyl alcohol	4.74	59	89762	230.868	ug/l	100
12) 1,1-Dichloroethene	3.69	96	73008	43.338	ug/l	98
13) Acrolein	3.57	56	63558	159.899	ug/l	96
14) Allyl chloride	4.27	41	137893	37.841	ug/l	92
15) Acrylonitrile	4.93	53	237566	228.123	ug/l	99
16) Acetone	3.77	43	200384	217.875	ug/l	97
17) Carbon Disulfide	4.00	76	206910	37.382	ug/l	100
18) Methyl Acetate	4.28	43	115580	49.641	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	298735	48.180	ug/l	98
20) Methylene Chloride	4.50	84	92471	41.921	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	80841	43.237	ug/l	99
22) Diisopropyl ether	5.90	45	305596	42.190	ug/l	97
23) Vinyl Acetate	5.84	43	1285214	216.548	ug/l	98
24) 1,1-Dichloroethane	5.80	63	174548	44.750	ug/l	100
25) 2-Butanone	6.79	43	310348	221.566	ug/l	96
26) 2,2-Dichloropropane	6.77	77	105502	32.949	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	93903	44.013	ug/l	96
28) Bromochloromethane	7.15	49	82084	42.762	ug/l	92
29) Tetrahydrofuran	7.17	42	206889	218.284	ug/l	95
30) Chloroform	7.33	83	179762	48.472	ug/l	99
31) Cyclohexane	7.61	56	142272	39.506	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	159741	51.591	ug/l	99
36) 1,1-Dichloropropene	7.75	75	127824	46.798	ug/l	99
37) Ethyl Acetate	6.88	43	134847	45.799	ug/l	98
38) Carbon Tetrachloride	7.73	117	140529	53.525	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	129336	43.988	ug/l	99
40) Benzene	8.00	78	373026	45.110	ug/l	100
41) Methacrylonitrile	7.16	41	194953	154.494	ug/l #	14
42) 1,2-Dichloroethane	8.08	62	155661	51.489	ug/l	97
43) Isopropyl Acetate	8.13	43	216089	45.526	ug/l	97
44) Trichloroethene	8.80	130	86426	46.346	ug/l	98
45) 1,2-Dichloropropane	9.08	63	103697	44.663	ug/l	100
46) Dibromomethane	9.17	93	63882	47.605	ug/l	98
47) Bromodichloromethane	9.37	83	146004	50.221	ug/l	100
48) Methyl methacrylate	9.17	41	107063	47.451	ug/l	95
49) 1,4-Dioxane	9.17	88	34456	994.279	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	682348	240.264	ug/l	98
52) Toluene	10.12	92	227383	47.355	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	152495	47.119	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	156141	44.962	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	93089	49.980	ug/l	96
56) Ethyl methacrylate	10.40	69	152366	45.716	ug/l	97
57) 1,3-Dichloropropane	10.68	76	163144	47.812	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	232550	232.017	ug/l	96
59) 2-Hexanone	10.72	43	510104	232.459	ug/l	100
60) Dibromochloromethane	10.87	129	107753	51.859	ug/l	98
61) 1,2-Dibromoethane	10.98	107	94395	48.671	ug/l	100
64) Tetrachloroethene	10.60	164	74647	47.835	ug/l	99
65) Chlorobenzene	11.41	112	242476	48.156	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	97566	51.507	ug/l	97
67) Ethyl Benzene	11.48	91	455515	49.340	ug/l	99
68) m/p-Xylenes	11.59	106	333013	100.357	ug/l	98
69) o-Xylene	11.92	106	161510	51.256	ug/l	99
70) Styrene	11.94	104	282858	53.140	ug/l	98
71) Bromoform	12.10	173	77092	54.204	ug/l #	100
73) Isopropylbenzene	12.22	105	443335	47.121	ug/l	100
74) N-amyl acetate	12.05	43	195993	46.646	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	139583	42.693	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	188858	62.357	ug/l #	100
77) Bromobenzene	12.50	156	106668	47.177	ug/l	94
78) n-propylbenzene	12.57	91	516284	46.846	ug/l	99
79) 2-Chlorotoluene	12.65	91	317244	46.709	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	396299	50.779	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	44664	41.052	ug/l	91
82) 4-Chlorotoluene	12.75	91	336982	47.667	ug/l	99
83) tert-Butylbenzene	12.97	119	328208	50.646	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	395942	51.716	ug/l	97
85) sec-Butylbenzene	13.15	105	436418	50.302	ug/l	100
86) p-Isopropyltoluene	13.26	119	388436	52.055	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	188780	47.578	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	188392	48.232	ug/l	99
89) n-Butylbenzene	13.59	91	319395	49.815	ug/l	99
90) Hexachloroethane	13.85	117	74358	46.810	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	182723	48.161	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	30308	51.058	ug/l	97

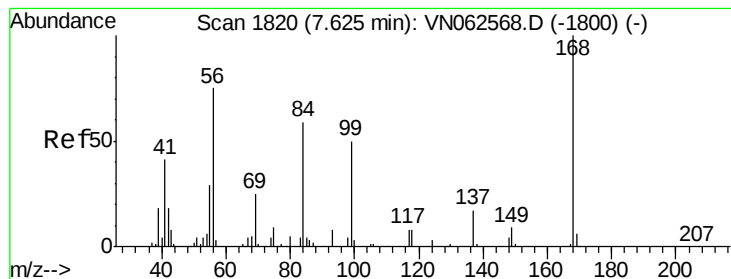
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
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Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	90327	45.573	ug/l	99
94) Hexachlorobutadiene	14.98	225	55811	54.415	ug/l	97
95) Naphthalene	15.10	128	243836	46.375	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	89556	50.089	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

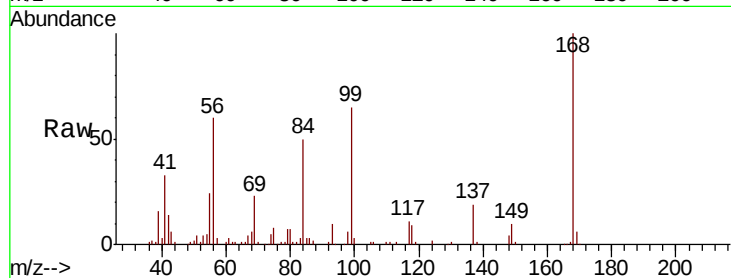
VSTDCCC050EC

Tot Ion:168 Resp: 157331

Ion Ratio Lower Upper

168 100

99 64.7 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

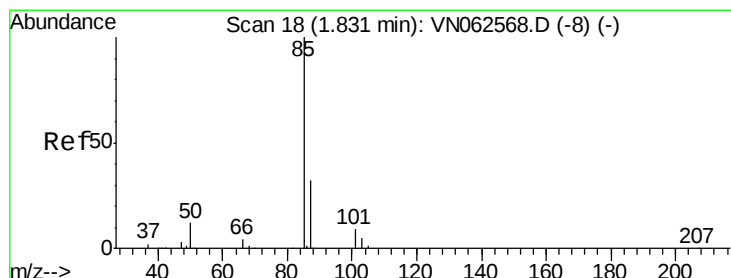
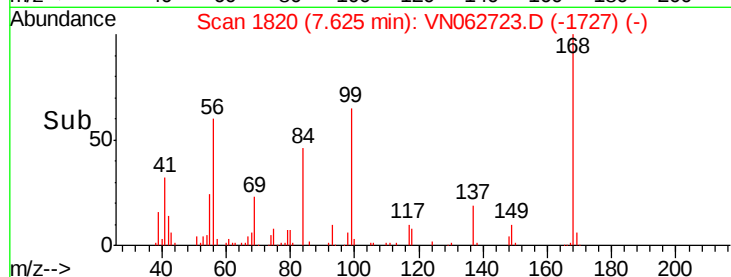
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 42.010 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062723.D

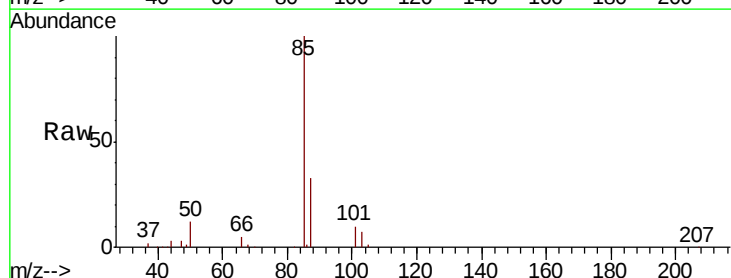
Acq: 1 Aug 2020 7:13

Tgt Ion: 85 Resp: 78838

Ion Ratio Lower Upper

85 100

87 32.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

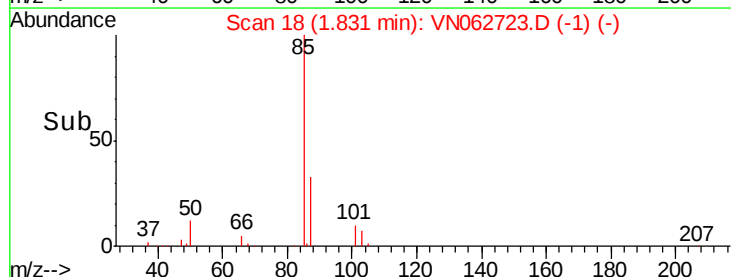
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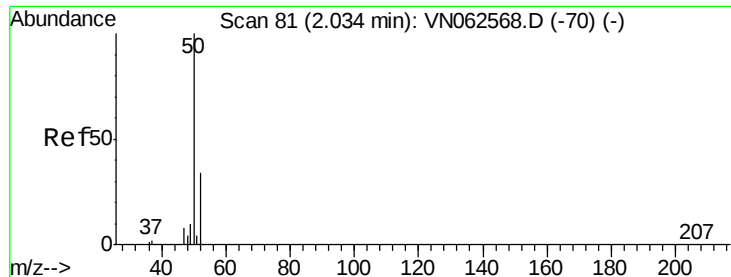
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 35.672 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

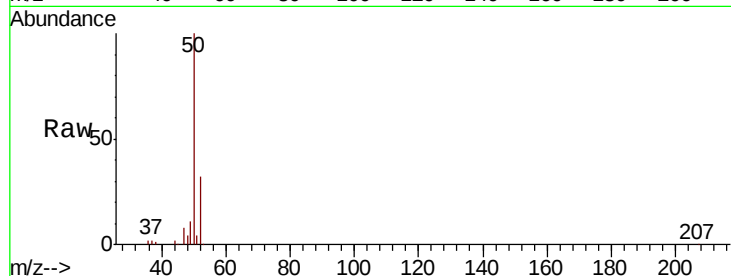
VSTDCCC050EC

Tot Ion: 50 Resp: 90798

Ion Ratio Lower Upper

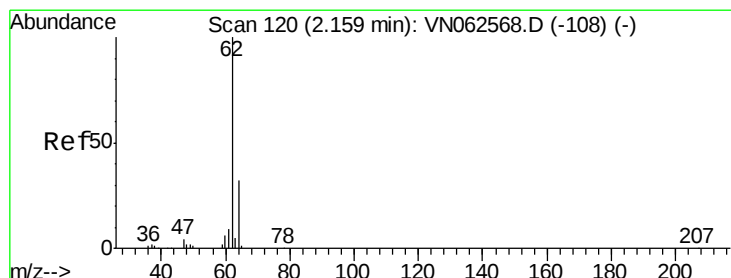
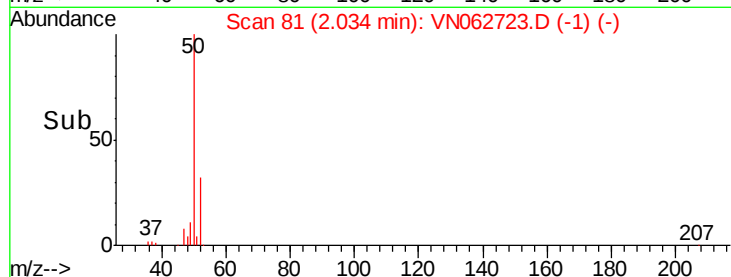
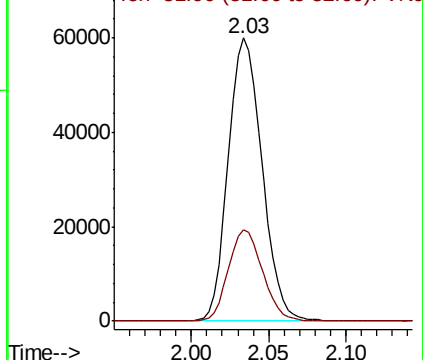
50 100

52 32.4 27.0 40.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 38.529 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062723.D

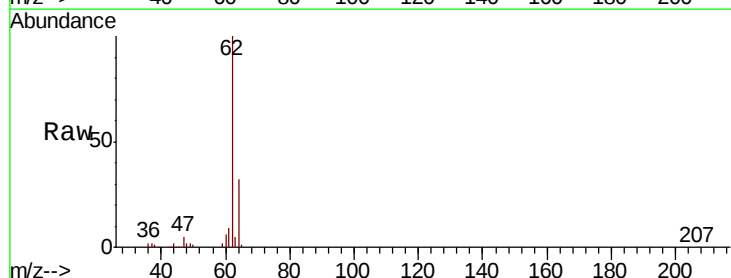
Acq: 1 Aug 2020 7:13

Tgt Ion: 62 Resp: 85016

Ion Ratio Lower Upper

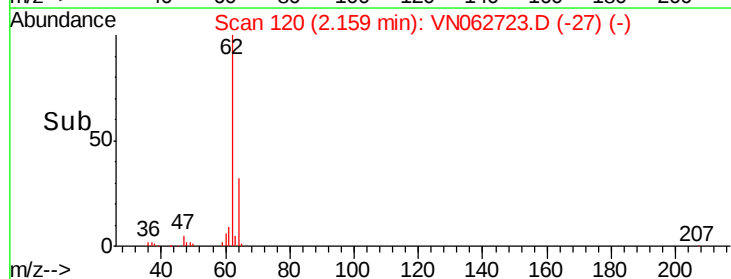
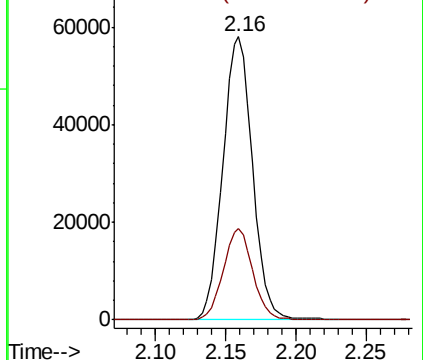
62 100

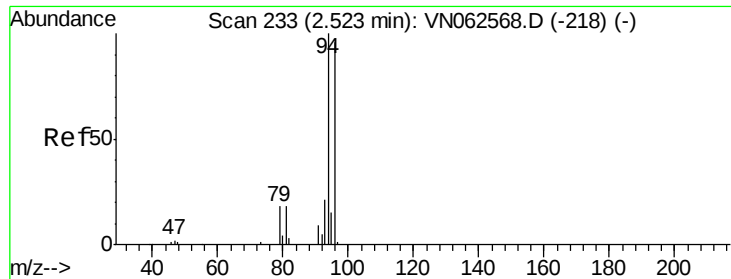
64 32.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 47.504 ug/l

RT: 2.50 min Scan# 226

Delta R.T. -0.02 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

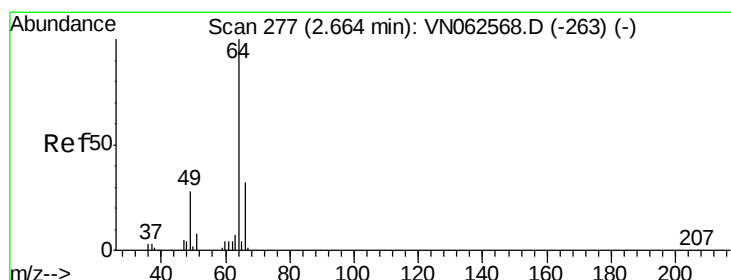
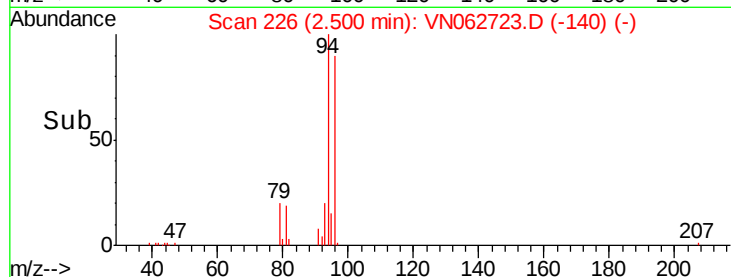
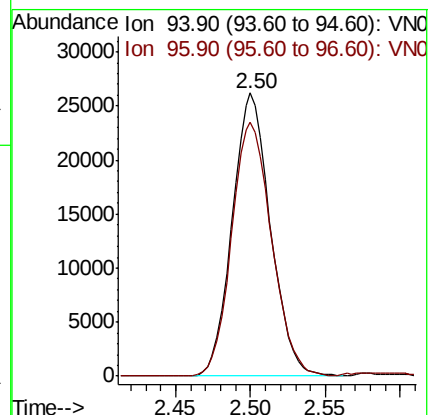
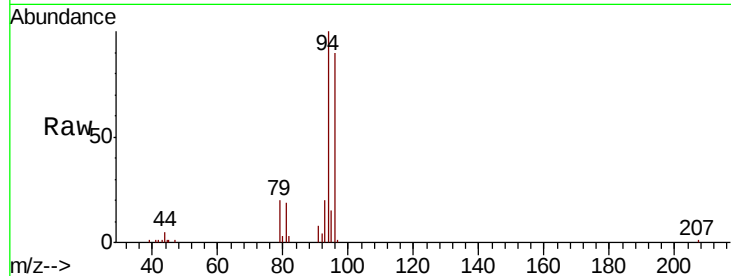
VSTDCCC050EC

Tot Ion: 94 Resp: 46427

Ion Ratio Lower Upper

94 100

96 89.6 76.6 114.8



#6

Chloroethane

Concen: 51.807 ug/l

RT: 2.65 min Scan# 273

Delta R.T. -0.01 min

Lab File: VN062723.D

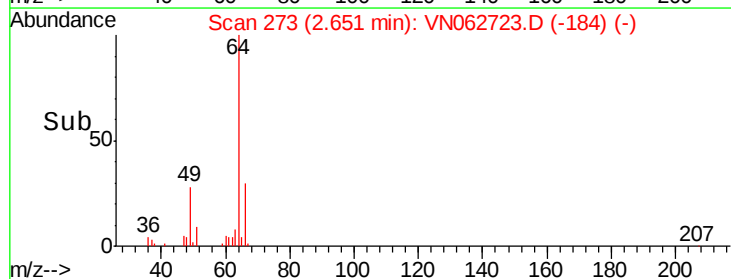
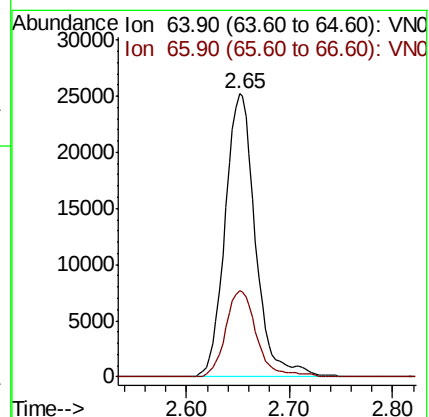
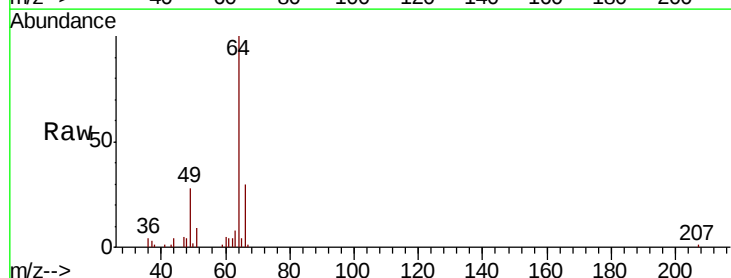
Acq: 1 Aug 2020 7:13

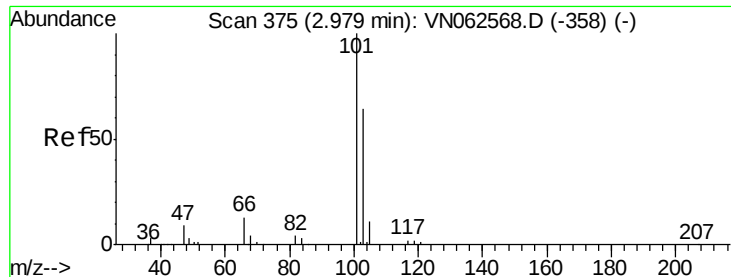
Tgt Ion: 64 Resp: 51710

Ion Ratio Lower Upper

64 100

66 30.3 25.8 38.8



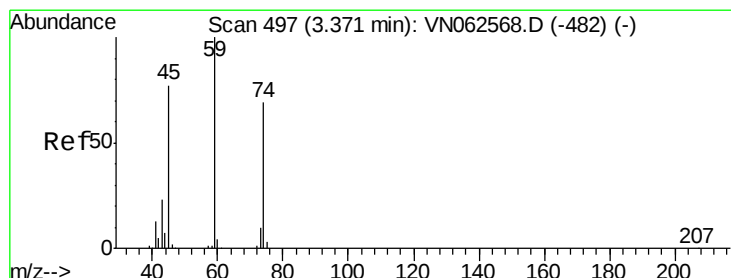
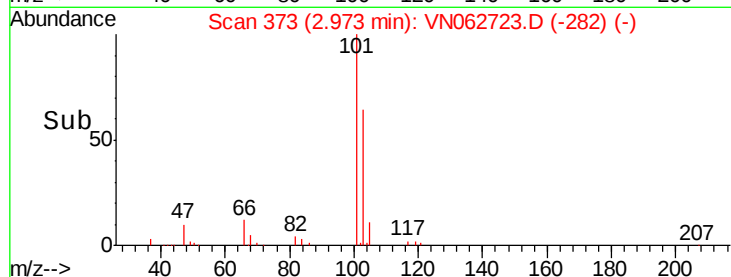
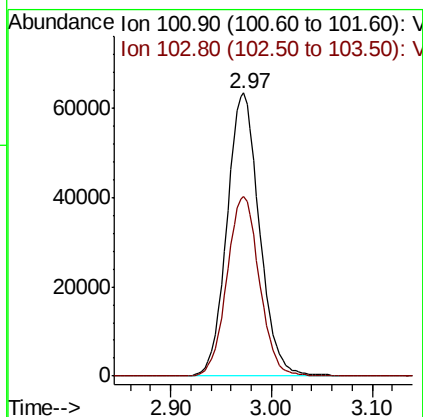
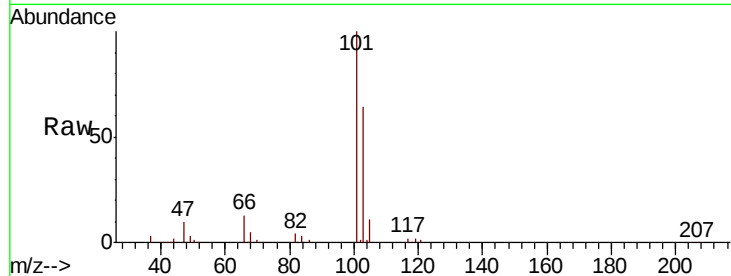


#7

Trichlorofluoromethane
Concen: 54.762 ug/l
RT: 2.97 min Scan# 373
Delta R.T. -0.01 min
Lab File: VN062723.D
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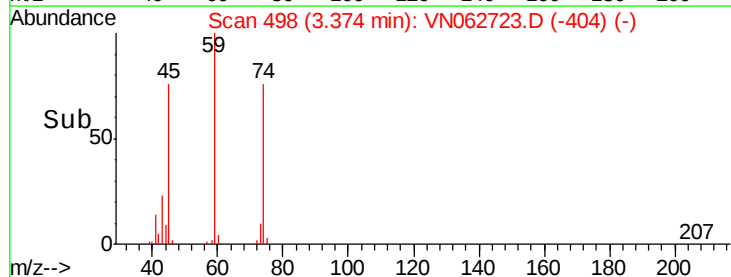
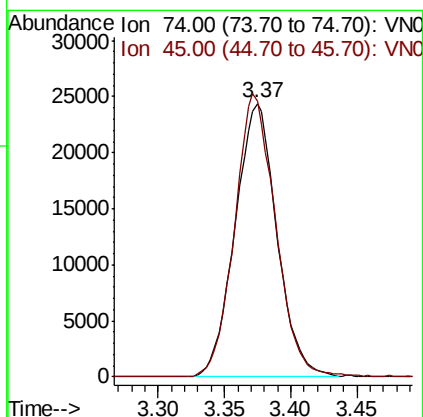
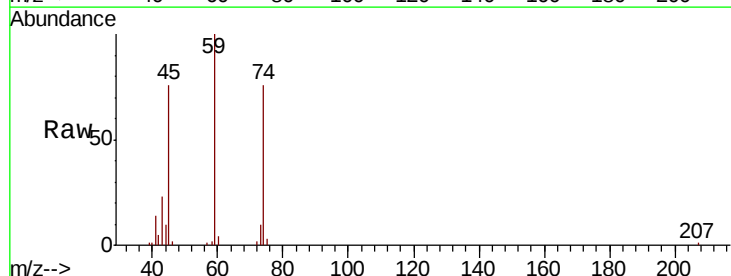
Tot Ion:101 Resp: 141875
Ion Ratio Lower Upper
101 100
103 63.5 51.5 77.3

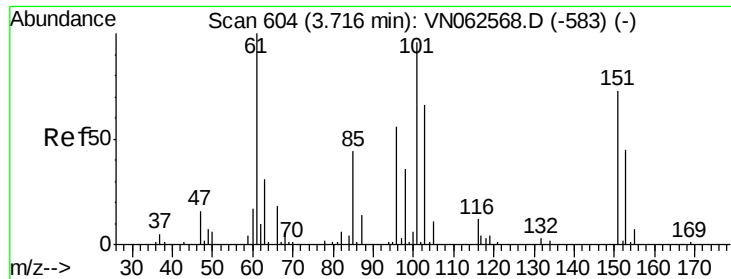


#8

Diethyl Ether
Concen: 43.962 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion: 74 Resp: 53260
Ion Ratio Lower Upper
74 100
45 102.0 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.001 ug/l

RT: 3.71 min Scan# 602

Delta R.T. -0.01 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

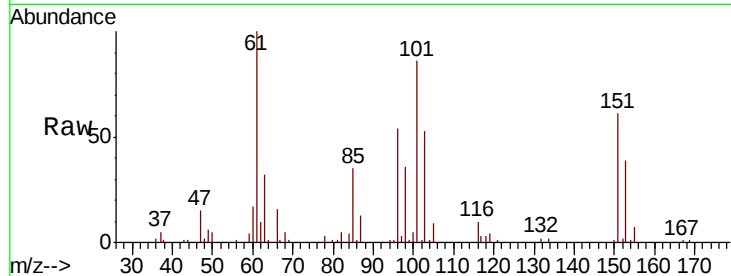
Tot Ion:101 Resp: 74749

Ion Ratio Lower Upper

101 100

85 46.3 36.0 54.0

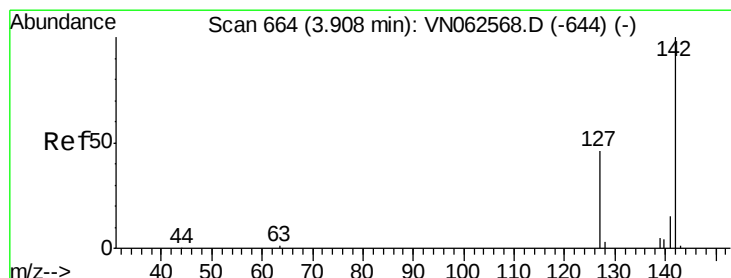
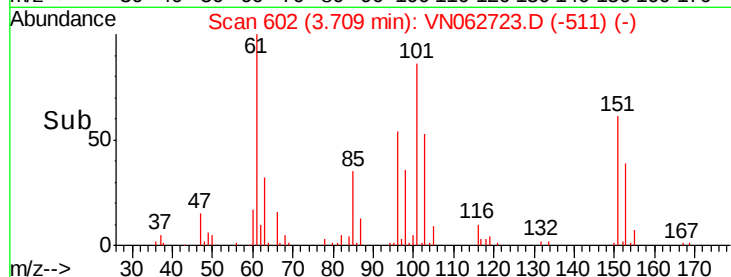
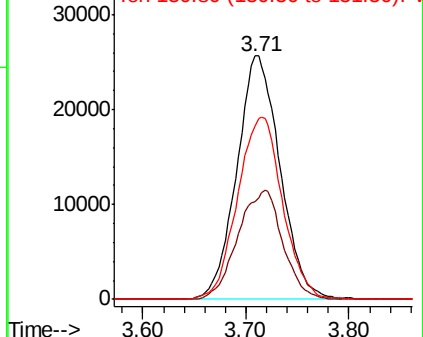
151 77.8 60.0 90.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.128 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

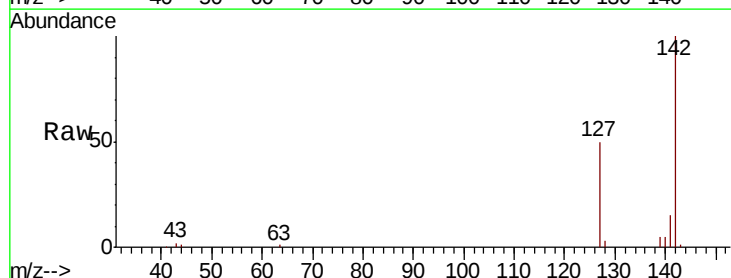
Tgt Ion:142 Resp: 100079

Ion Ratio Lower Upper

142 100

127 51.2 37.4 56.0

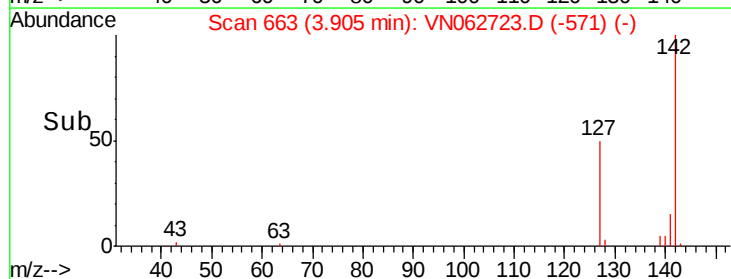
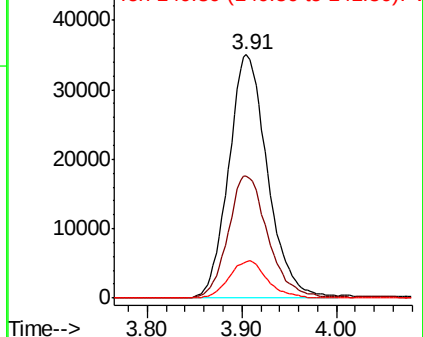
141 15.1 11.9 17.9

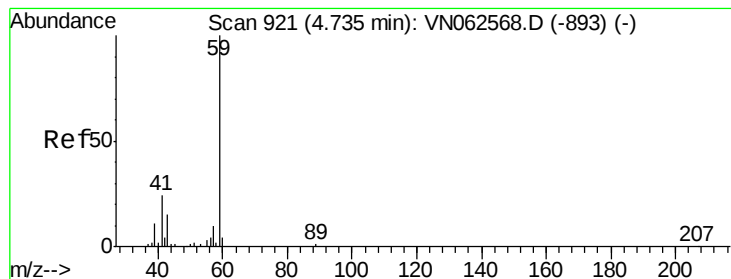


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



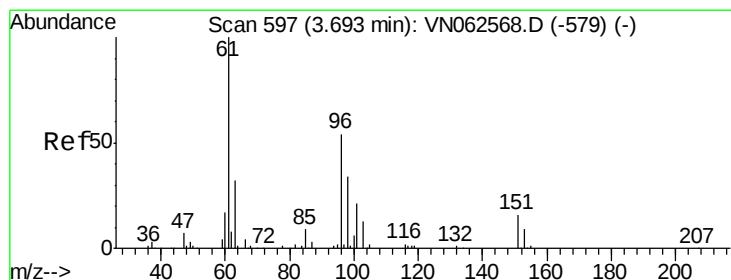
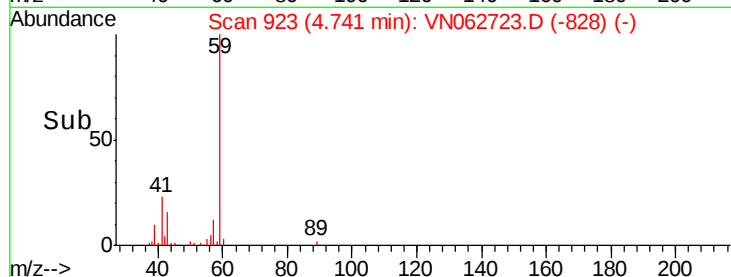
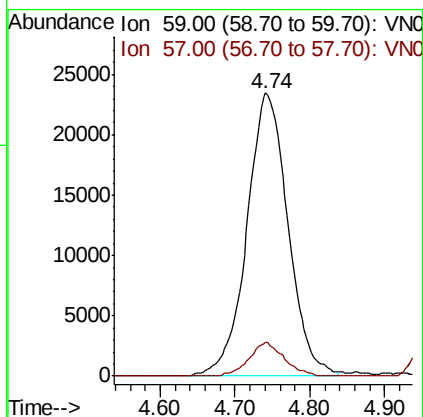
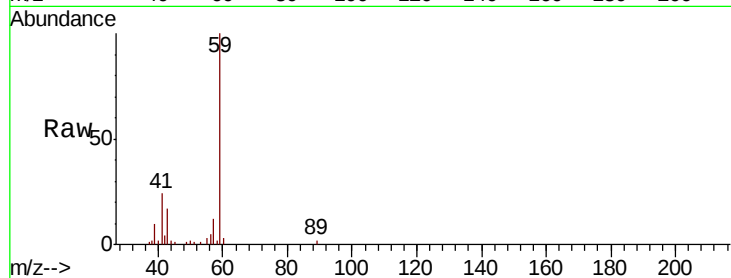


#11

Tert butyl alcohol
 Concen: 230.868 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

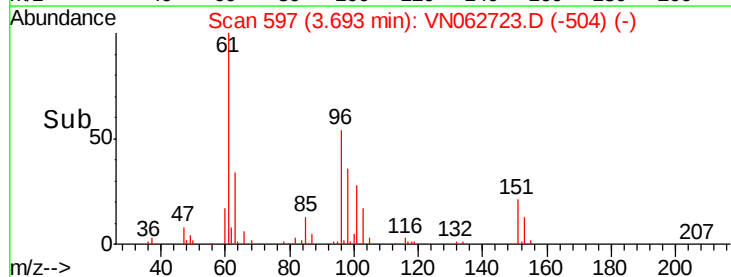
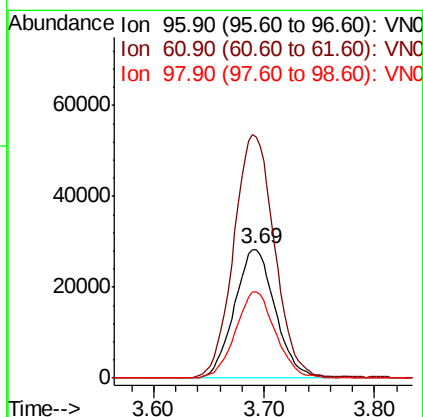
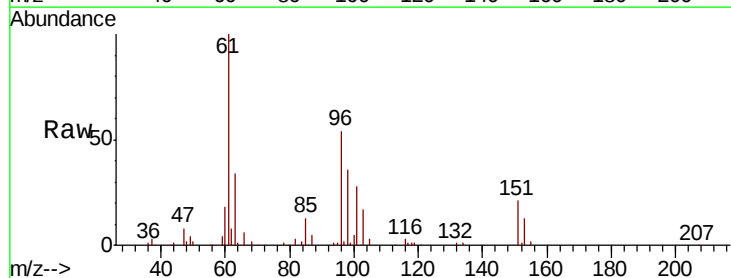
Tot Ion: 59 Resp: 89762
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

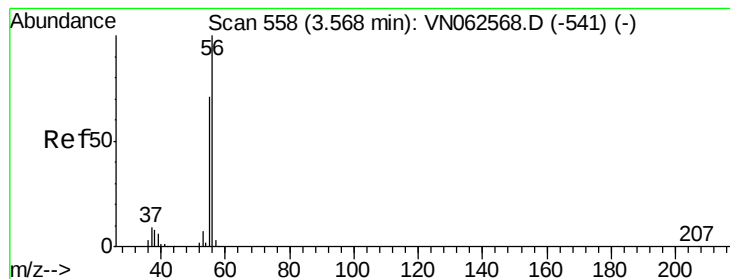


#12

1,1-Dichloroethene
 Concen: 43.338 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Tgt Ion: 96 Resp: 73008
 Ion Ratio Lower Upper
 96 100
 61 186.9 148.6 222.8
 98 67.2 50.6 75.8





#13

Acrolein

Concen: 159.899 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

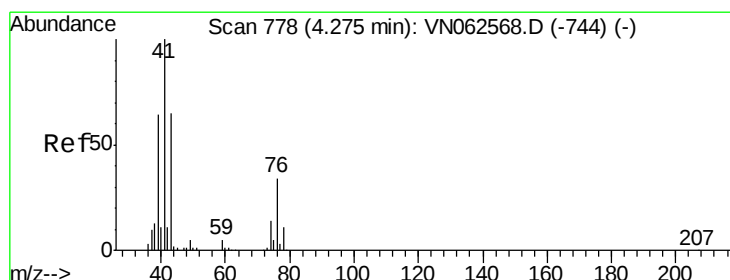
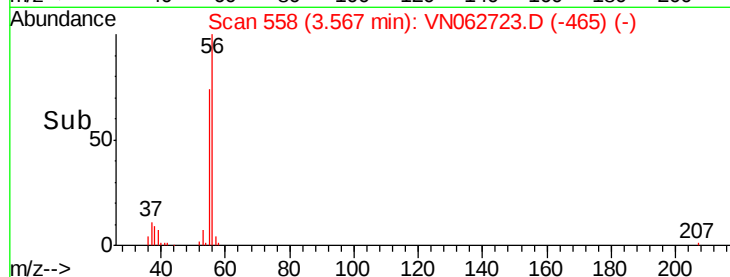
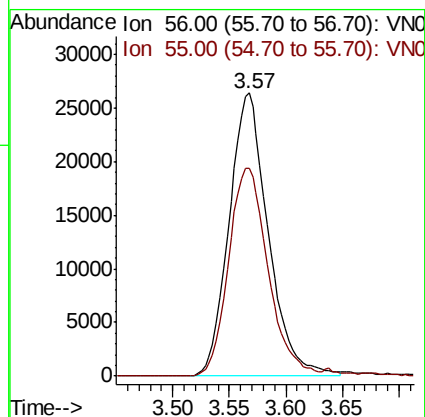
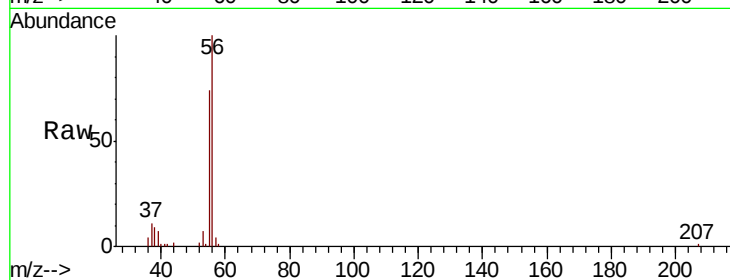
VSTDCCC050EC

Tot Ion: 56 Resp: 63558

Ion Ratio Lower Upper

56 100

55 74.2 57.0 85.4



#14

Allyl chloride

Concen: 37.841 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

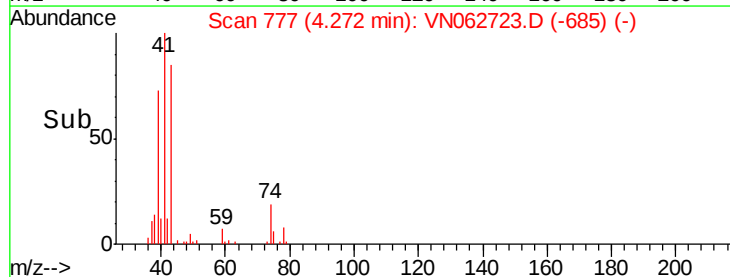
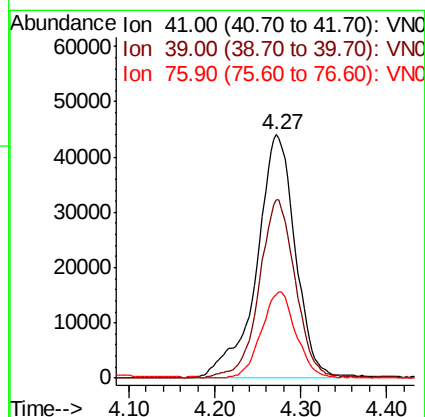
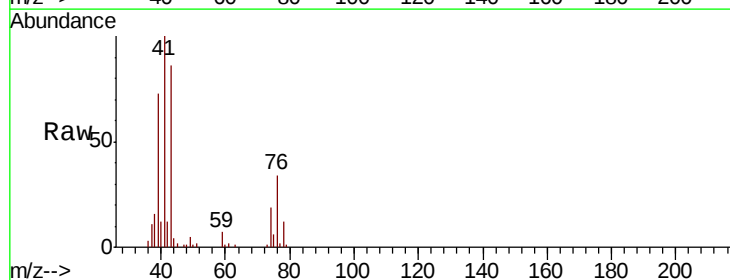
Tgt Ion: 41 Resp: 137893

Ion Ratio Lower Upper

41 100

39 68.7 49.0 73.4

76 31.8 24.0 36.0





#15

Acrylonitrile

Concen: 228.123 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

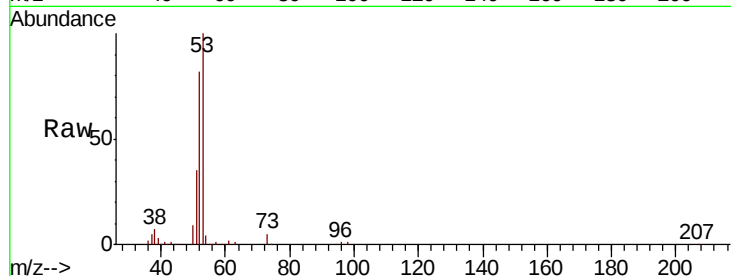
Tot Ion: 53 Resp: 237566

Ion Ratio Lower Upper

53 100

52 82.4 66.3 99.5

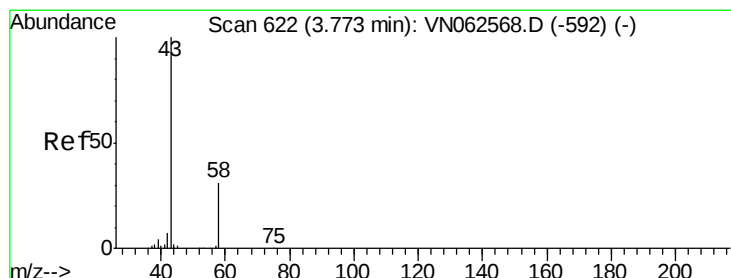
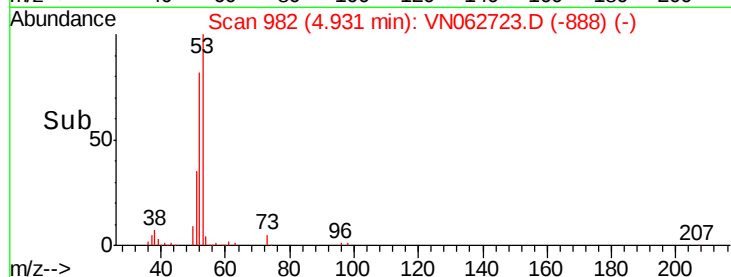
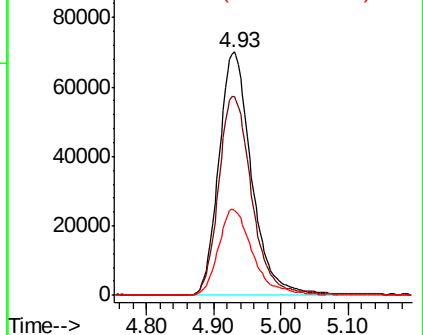
51 36.9 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 217.875 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062723.D

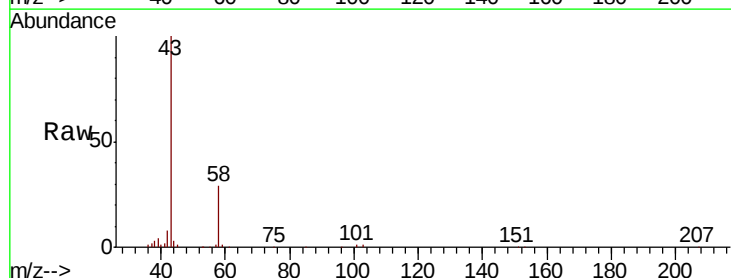
Acq: 1 Aug 2020 7:13

Tgt Ion: 43 Resp: 200384

Ion Ratio Lower Upper

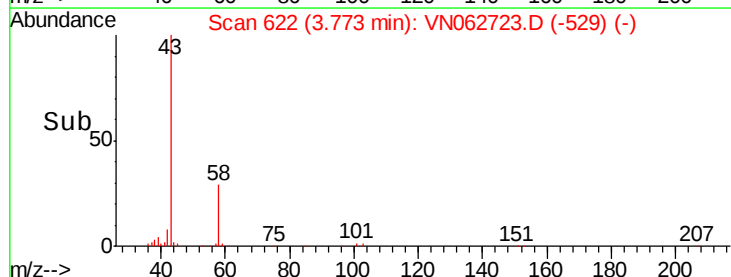
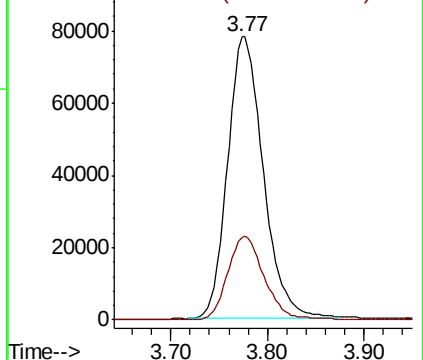
43 100

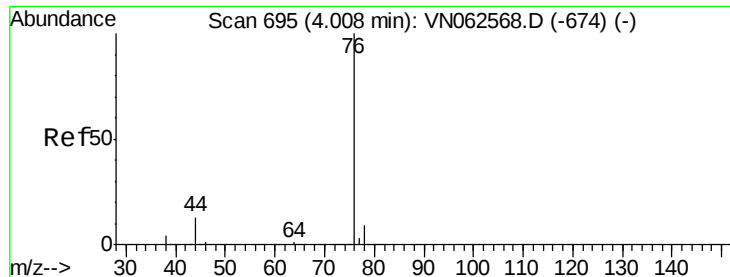
58 29.2 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

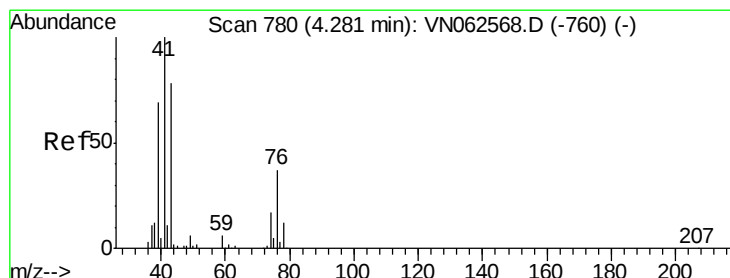
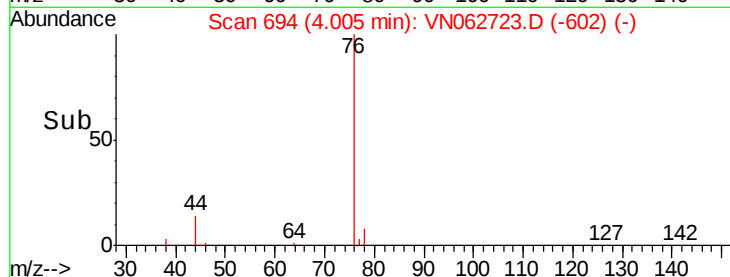
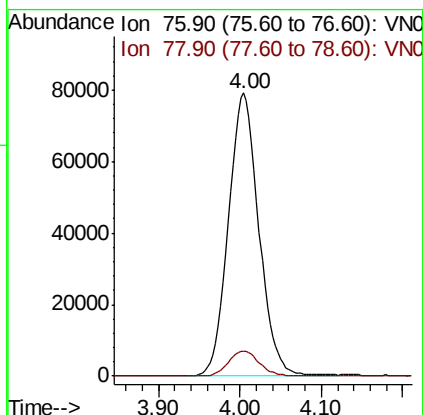
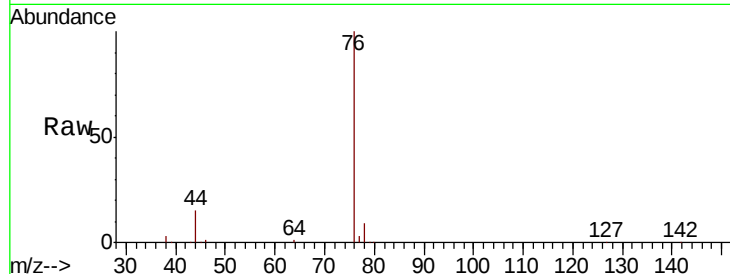




#17
Carbon Disulfide
Concen: 37.382 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

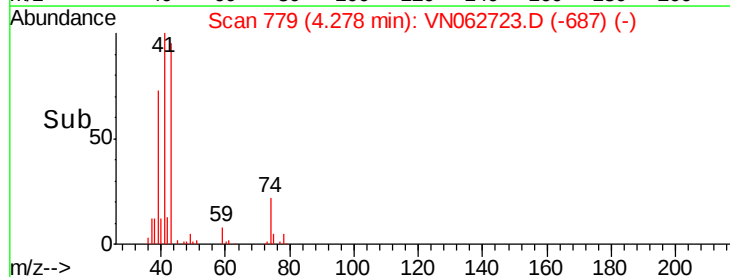
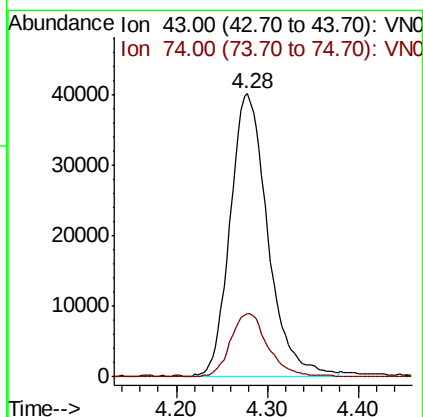
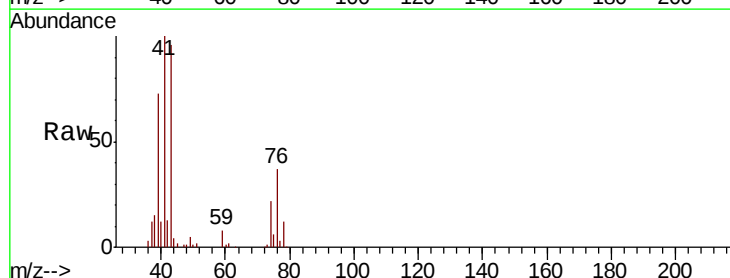
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

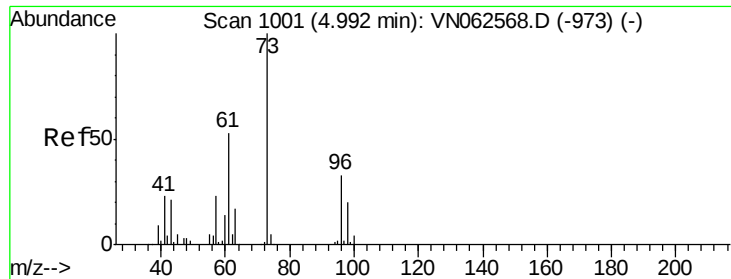
Tot Ion: 76 Resp: 206910
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 49.641 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion: 43 Resp: 115580
Ion Ratio Lower Upper
43 100
74 22.3 16.6 24.8

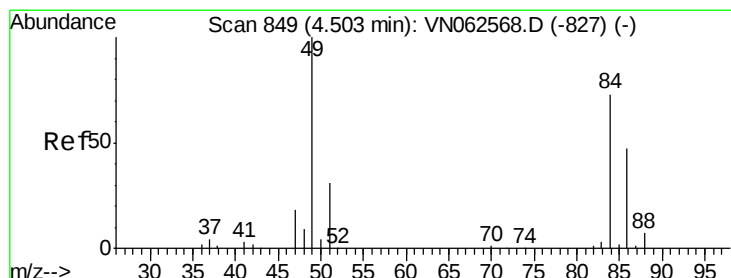
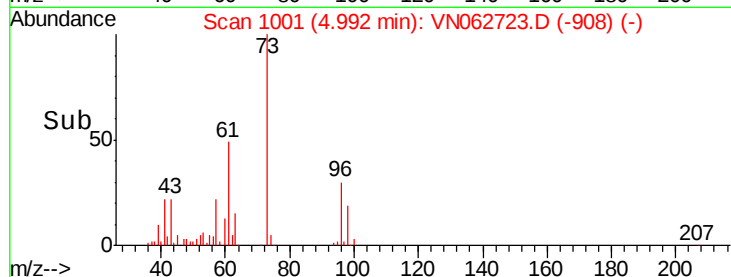
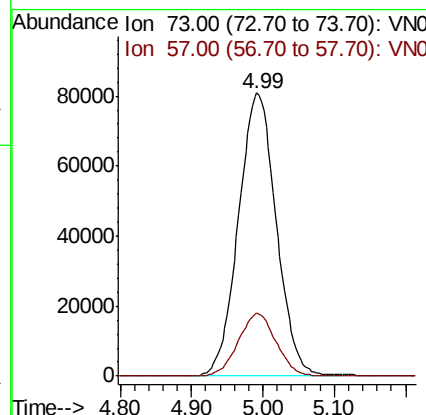
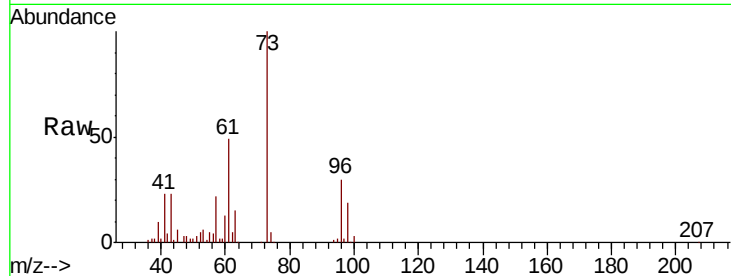




#19
Methyl tert-butyl Ether
Concen: 48.180 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

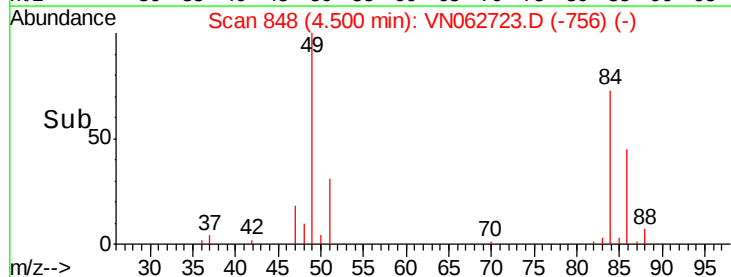
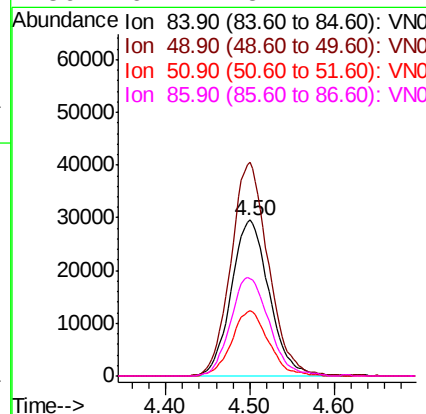
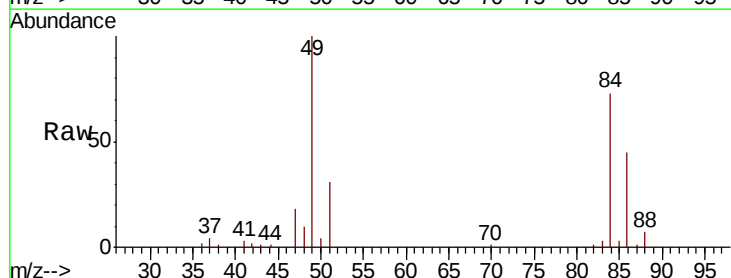
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

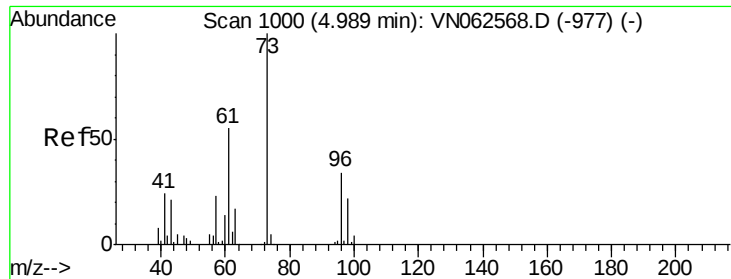
Tot Ion: 73 Resp: 298735
Ion Ratio Lower Upper
73 100
57 22.2 18.6 27.8



#20
Methylene Chloride
Concen: 41.921 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion: 84 Resp: 92471
Ion Ratio Lower Upper
84 100
49 136.6 109.4 164.0
51 42.1 33.6 50.4
86 62.4 51.4 77.2

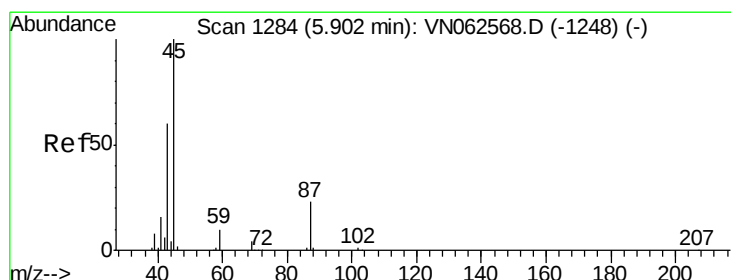
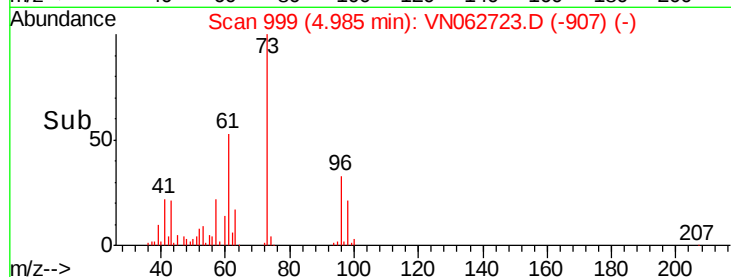
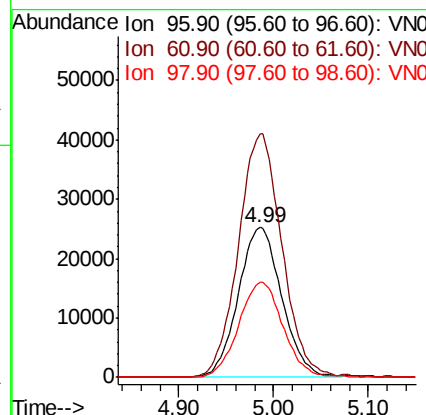
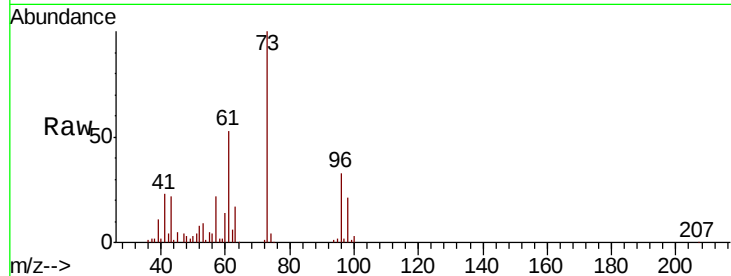




#21
trans-1,2-Dichloroethene
Concen: 43.237 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

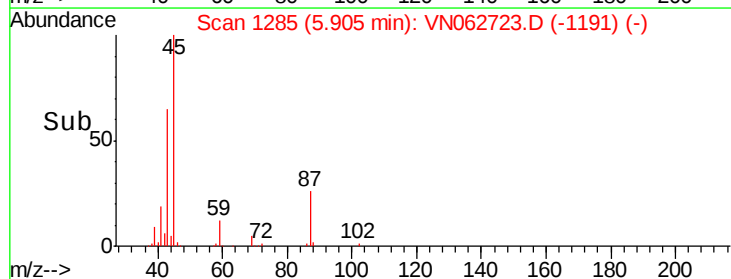
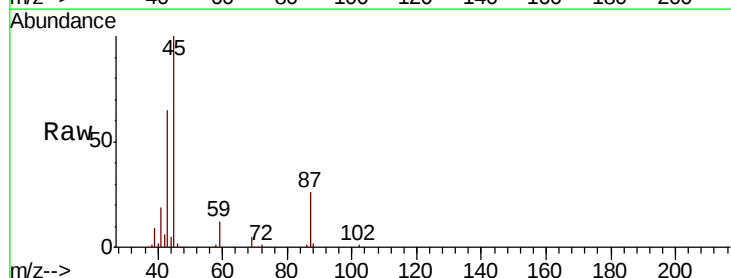
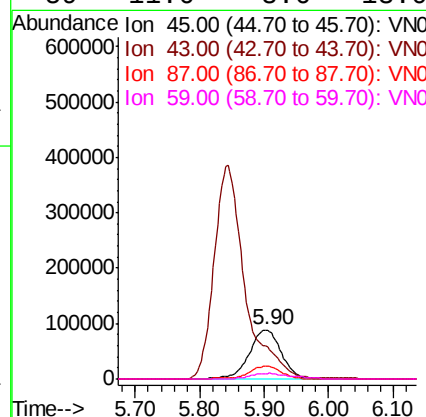
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

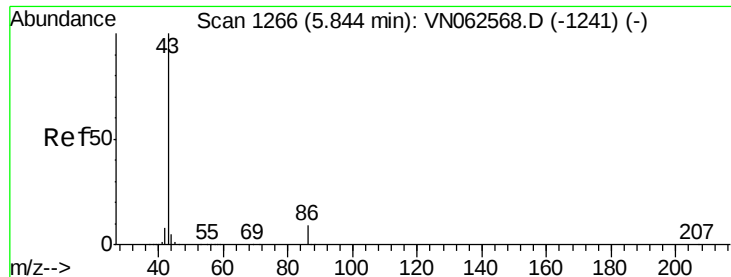
Tot Ion: 96 Resp: 80841
Ion Ratio Lower Upper
96 100
61 162.2 128.6 192.8
98 63.2 50.6 76.0



#22
Diisopropyl ether
Concen: 42.190 ug/l
RT: 5.90 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion: 45 Resp: 305596
Ion Ratio Lower Upper
45 100
43 63.0 48.7 73.1
87 25.8 19.0 28.6
59 11.6 8.6 13.0





#23

Vinyl Acetate

Concen: 216.548 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

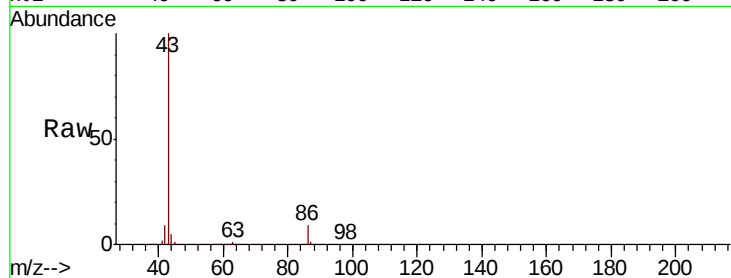
VSTDCCC050EC

Tot Ion: 43 Resp: 1285214

Ion Ratio Lower Upper

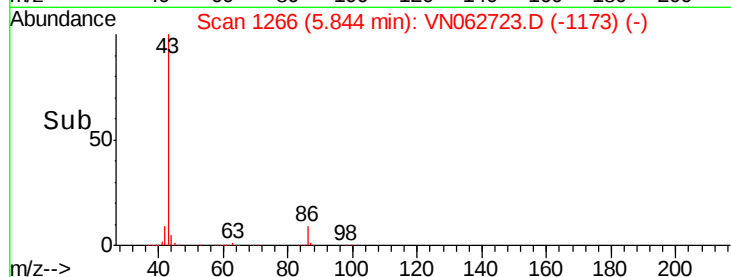
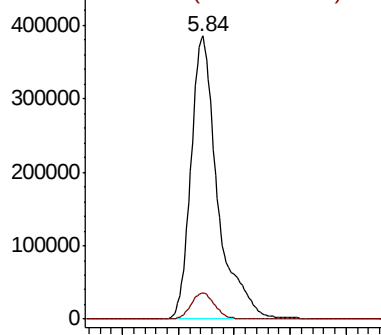
43 100

86 9.3 6.9 10.3

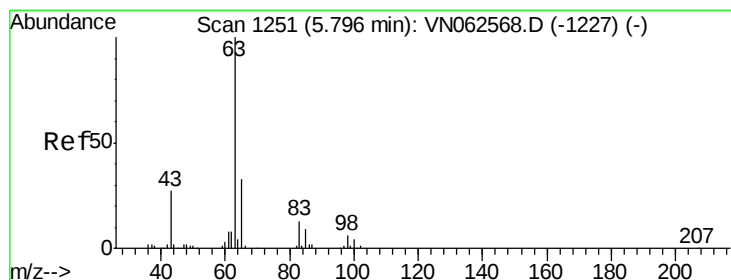


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time-->



#24

1,1-Dichloroethane

Concen: 44.750 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

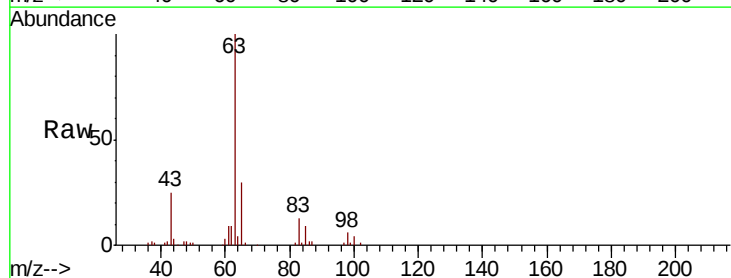
Tgt Ion: 63 Resp: 174548

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

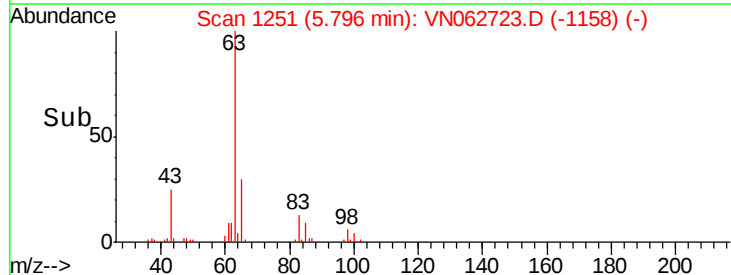
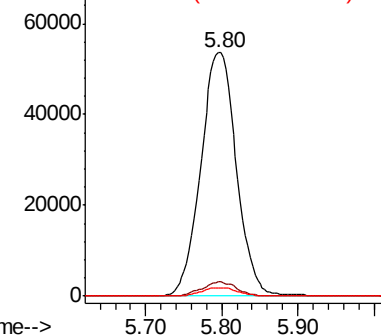
100 3.5 1.8 5.4



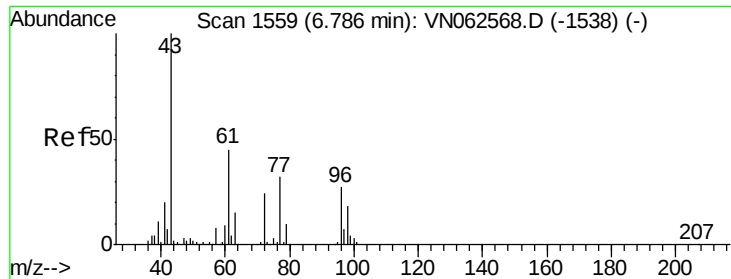
Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



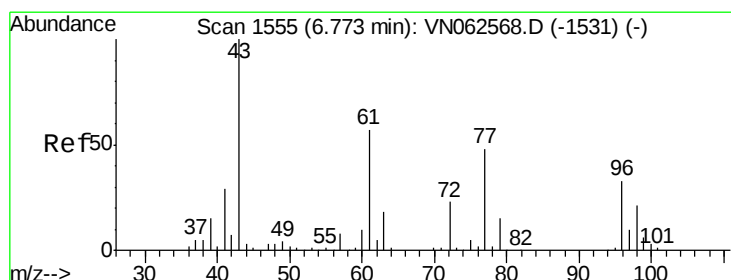
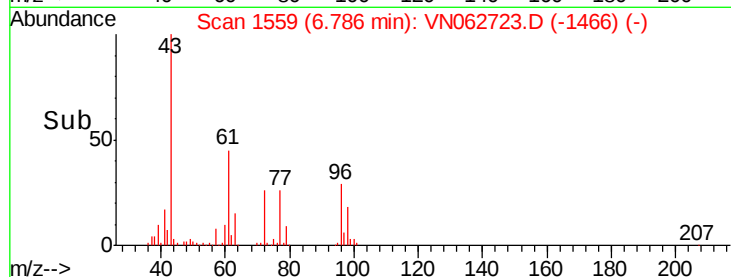
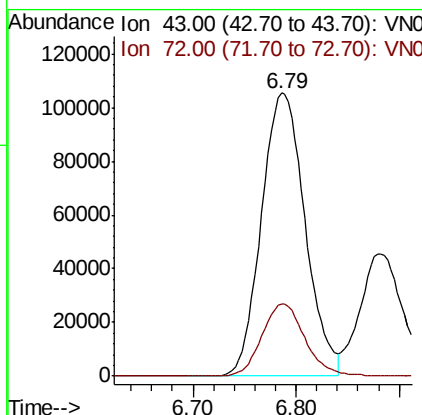
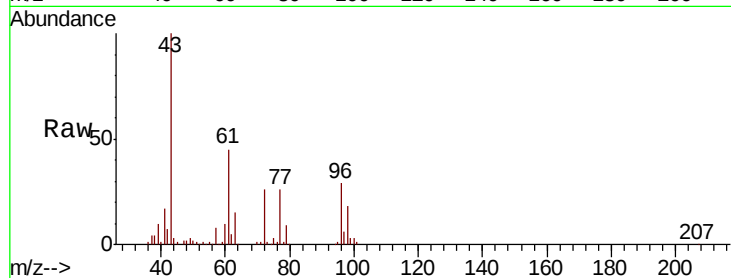
Time-->



#25
2-Butanone
Concen: 221.566 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

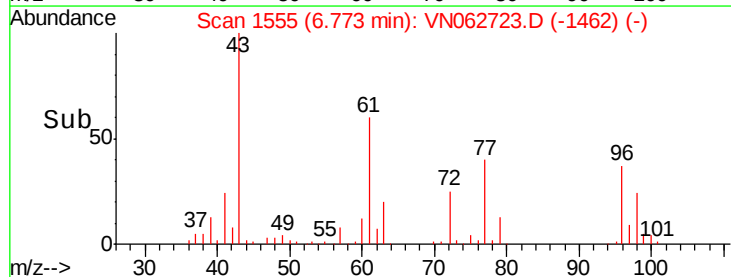
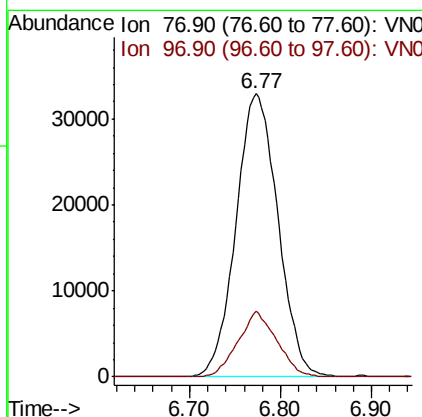
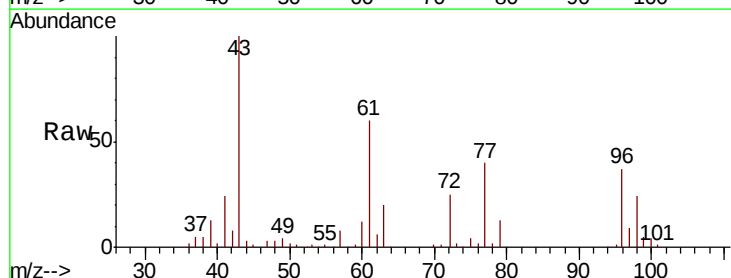
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

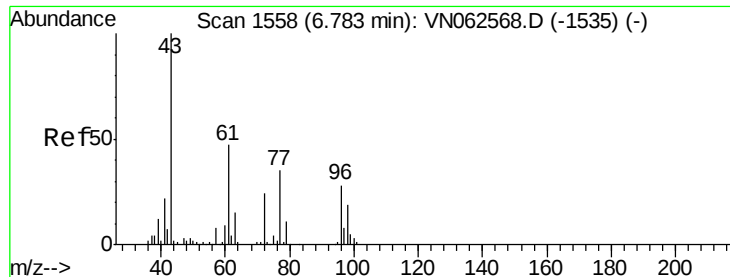
Tot Ion: 43 Resp: 310348
Ion Ratio Lower Upper
43 100
72 25.6 19.0 28.6



#26
2,2-Dichloropropane
Concen: 32.949 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion: 77 Resp: 105502
Ion Ratio Lower Upper
77 100
97 21.4 10.8 32.4

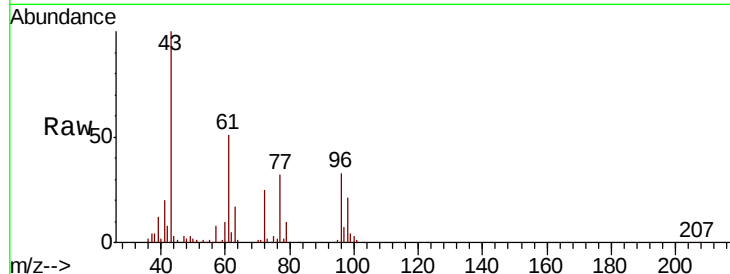




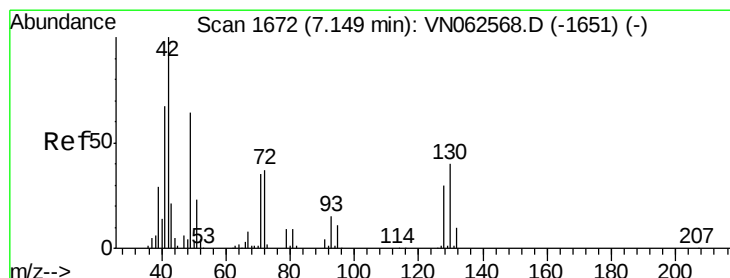
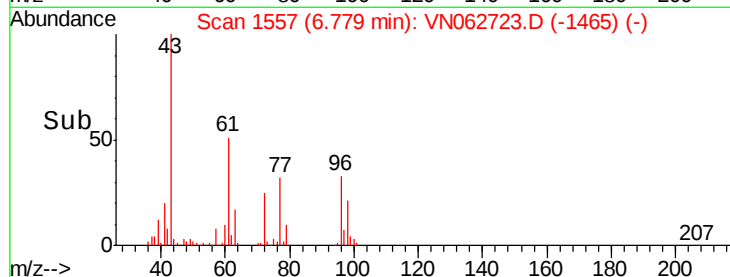
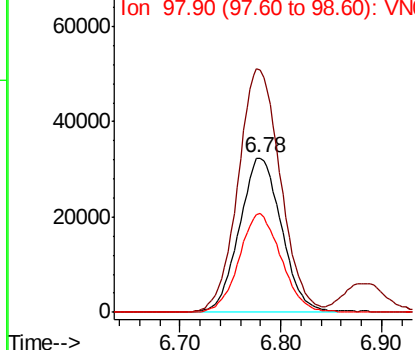
#27
 cis-1,2-Dichloroethene
 Concen: 44.013 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 93903
 Ion Ratio Lower Upper
 96 100
 61 158.4 0.0 332.4
 98 63.8 0.0 127.4

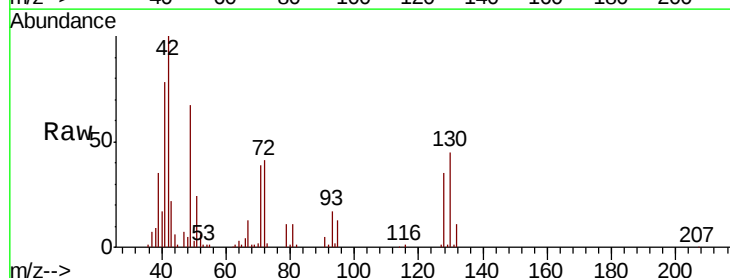


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

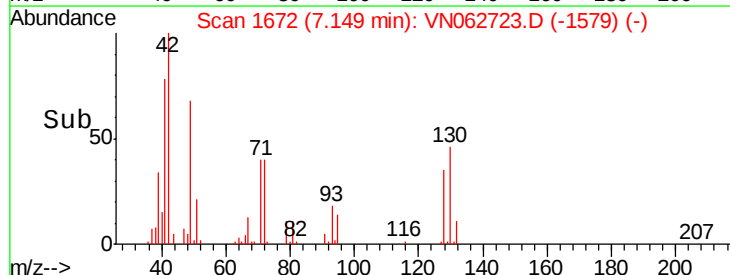
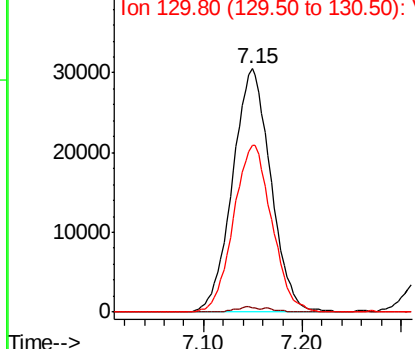


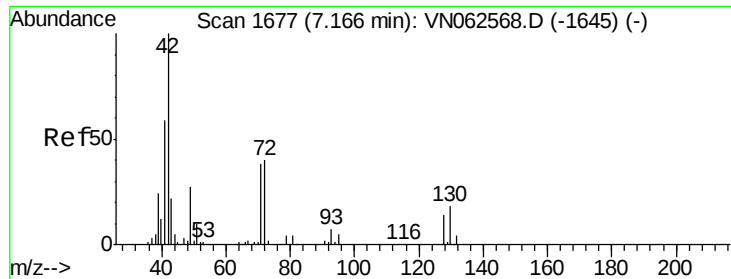
#28
 Bromochloromethane
 Concen: 42.762 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Tgt Ion: 49 Resp: 82084
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.4
 130 68.6 49.8 74.8



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

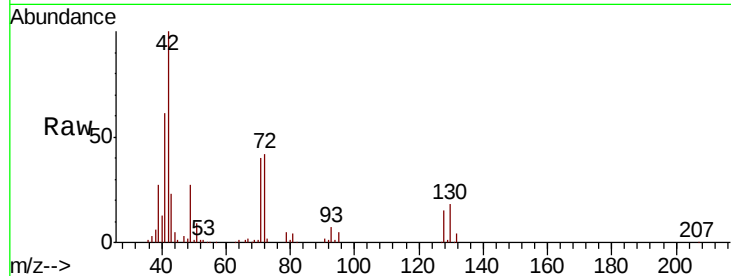




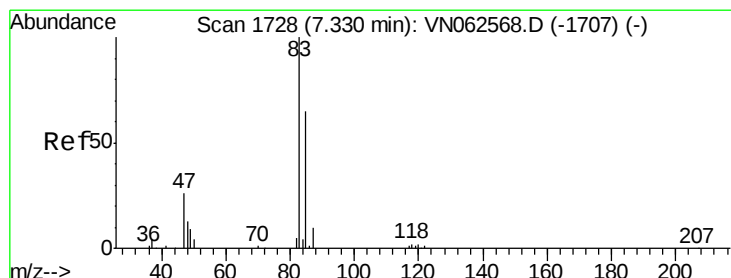
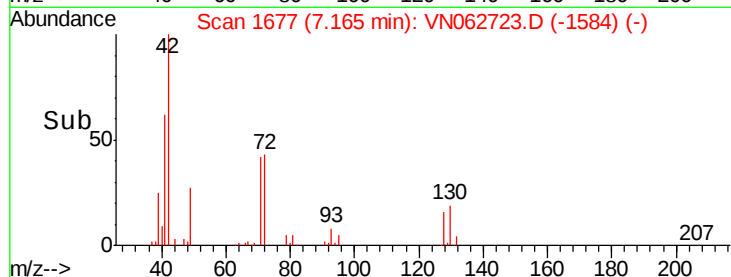
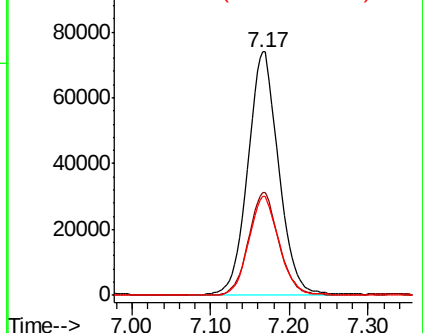
#29
Tetrahydrofuran
Concen: 218.284 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 206889
Ion Ratio Lower Upper
42 100
72 41.5 30.7 46.1
71 39.9 29.1 43.7

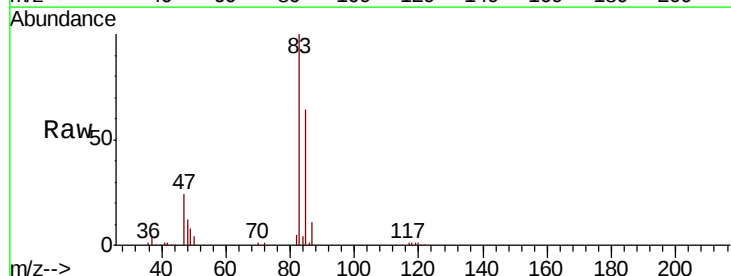


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

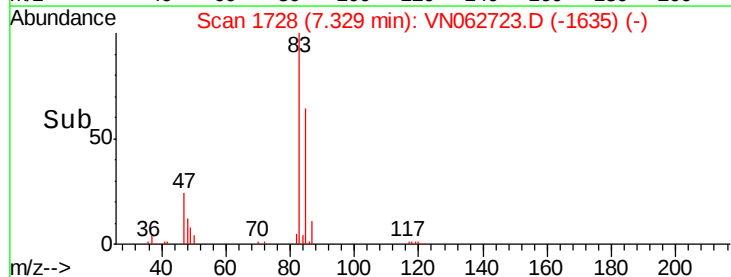
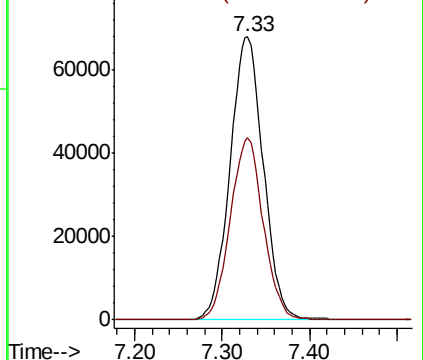


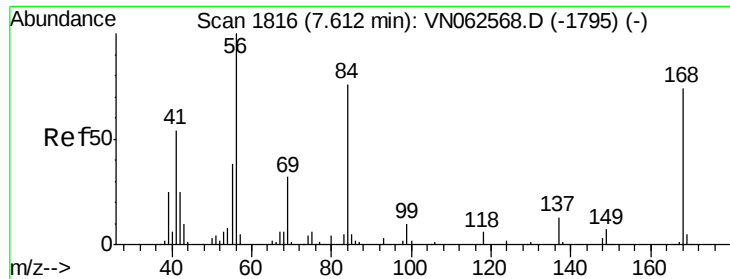
#30
Chloroform
Concen: 48.472 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion: 83 Resp: 179762
Ion Ratio Lower Upper
83 100
85 64.2 52.0 78.0



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

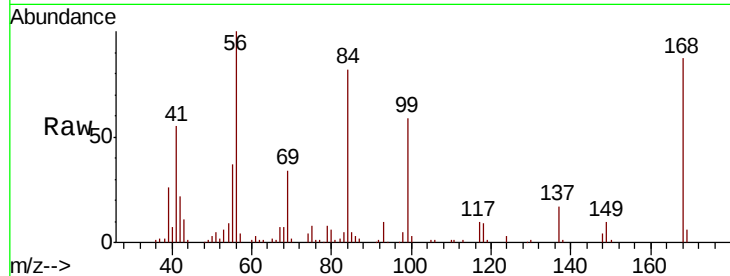




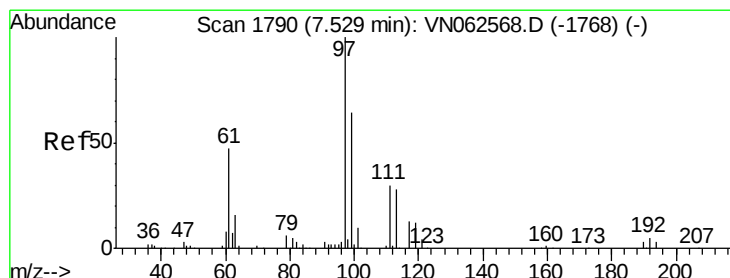
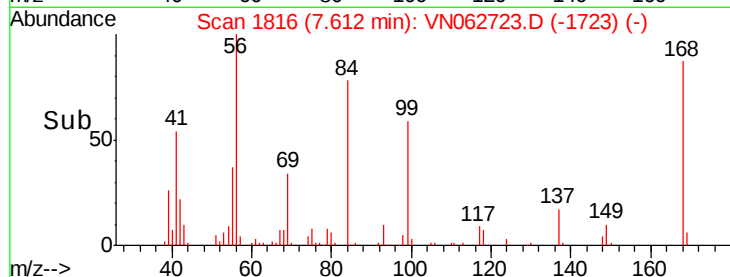
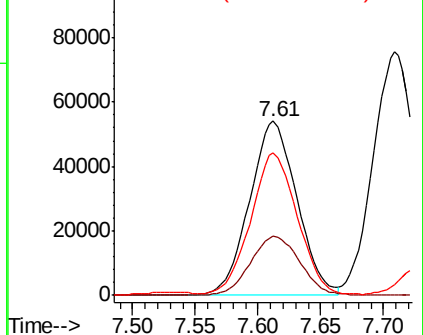
#31
Cyclohexane
Concen: 39.506 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 142272
Ion Ratio Lower Upper
56 100
69 33.7 25.3 37.9
84 80.4 61.0 91.4

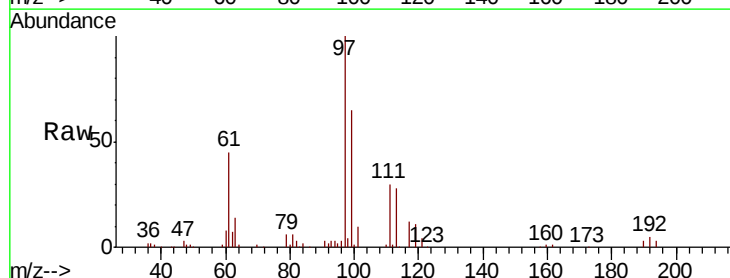


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

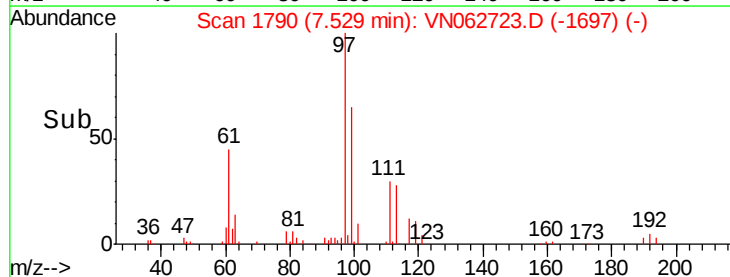
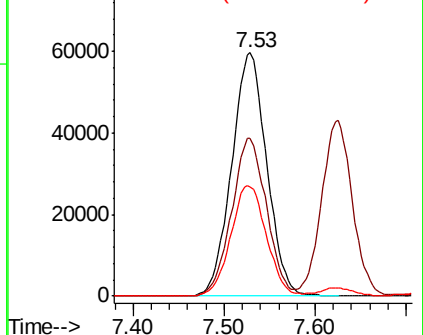


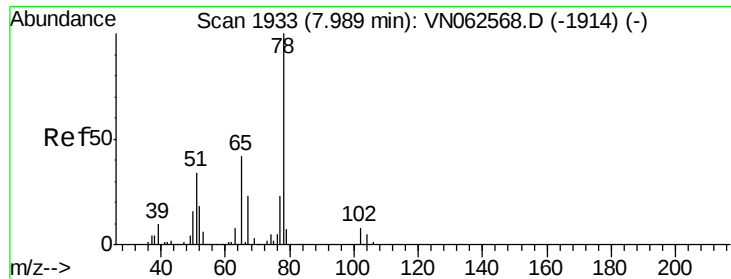
#32
1,1,1-Trichloroethane
Concen: 51.591 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion: 97 Resp: 159741
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 46.2 38.4 57.6



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





#33

1,2-Dichloroethane-d4

Concen: 53.481 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

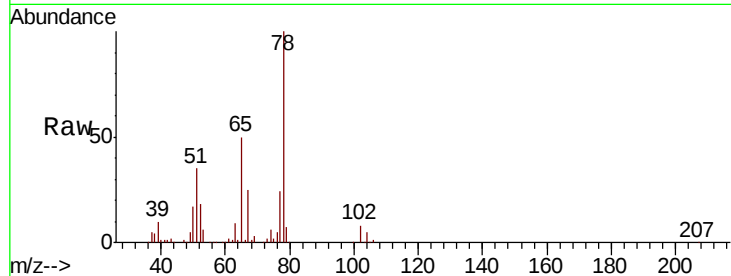
VSTDCCC050EC

Tot Ion: 65 Resp: 130710

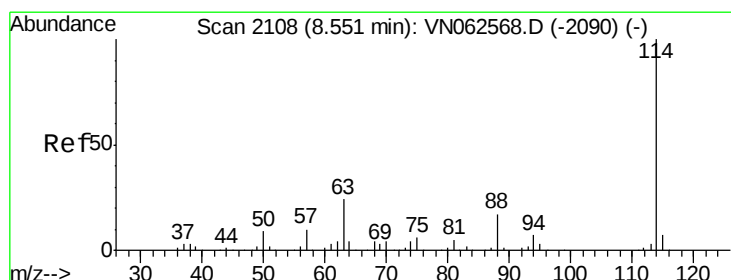
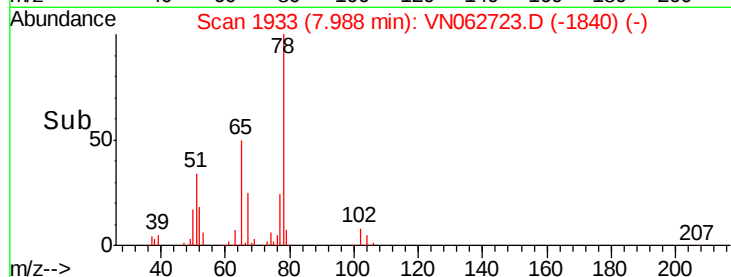
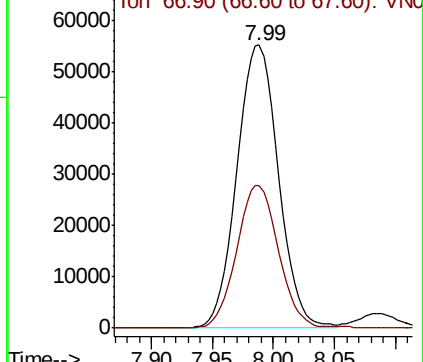
Ion Ratio Lower Upper

65 100

67 50.4 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VN062723.D (-1840) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

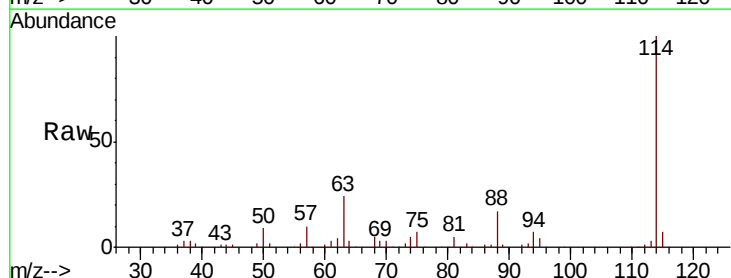
Tgt Ion: 114 Resp: 256256

Ion Ratio Lower Upper

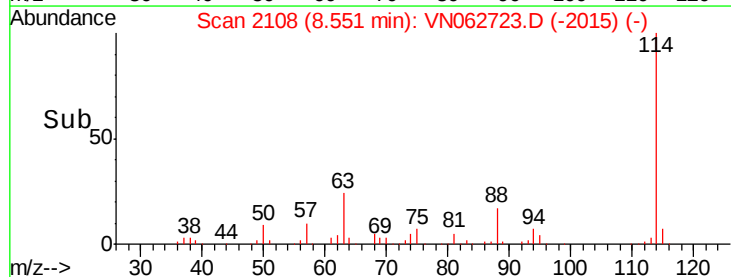
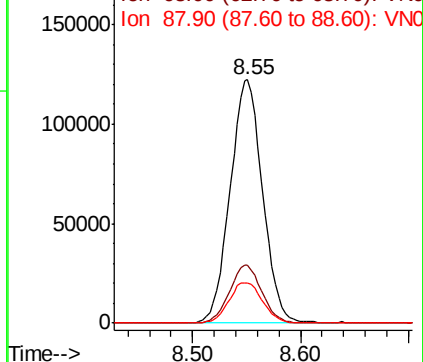
114 100

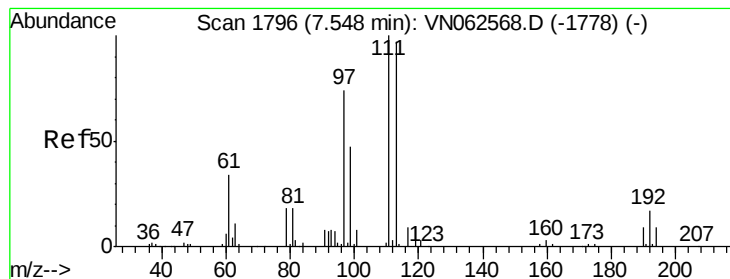
63 23.6 0.0 48.4

88 16.6 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): VN062723.D (-2015) (-)





#35

Dibromofluoromethane

Concen: 51.696 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

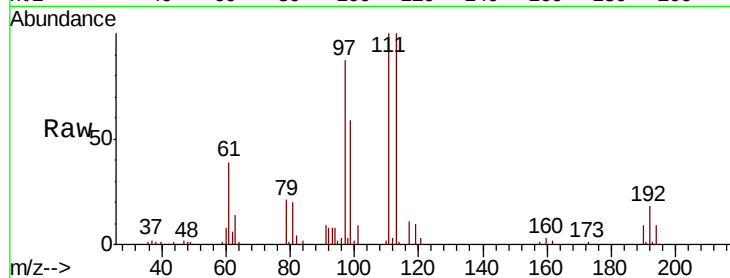
Tot Ion:113 Resp: 87016

Ion Ratio Lower Upper

113 100

111 103.5 82.7 124.1

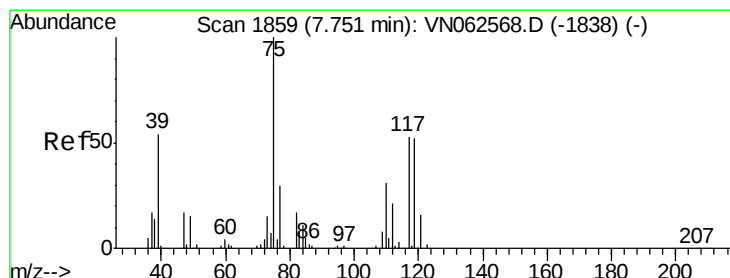
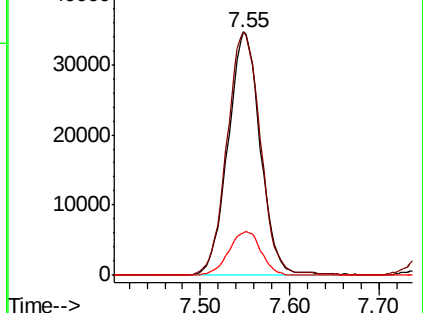
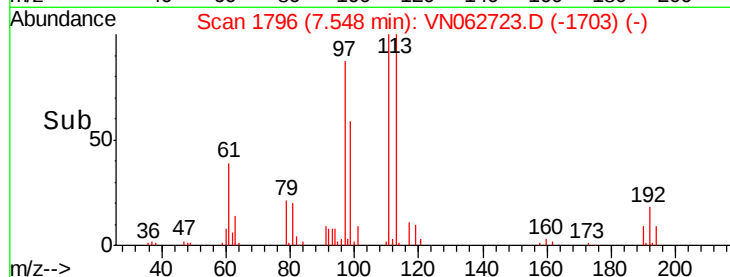
192 18.1 14.8 22.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.798 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

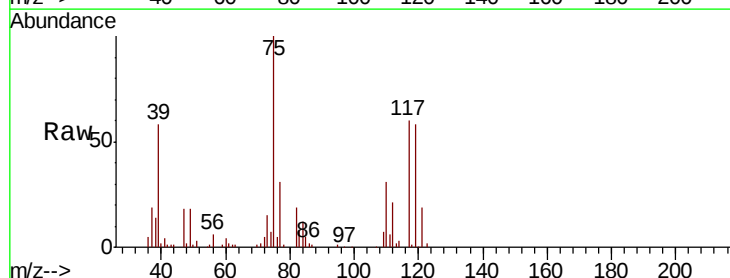
Tgt Ion: 75 Resp: 127824

Ion Ratio Lower Upper

75 100

110 30.9 16.0 48.0

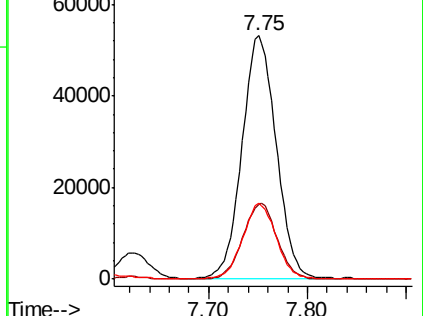
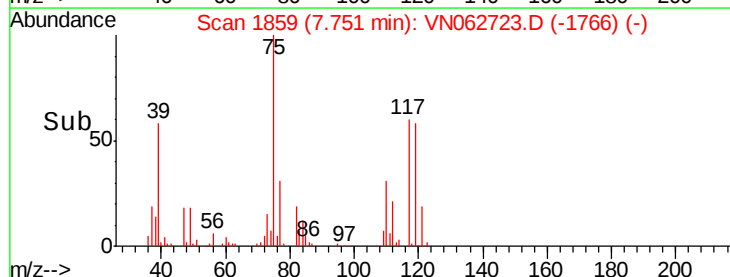
77 30.6 24.6 36.8

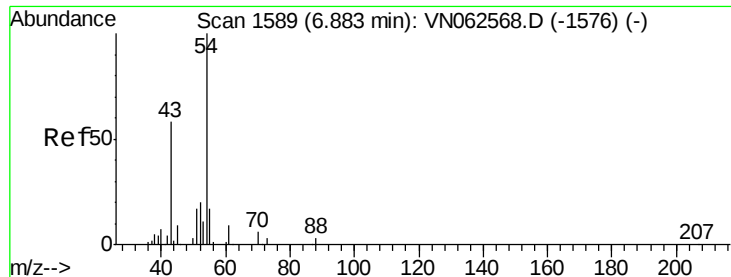


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

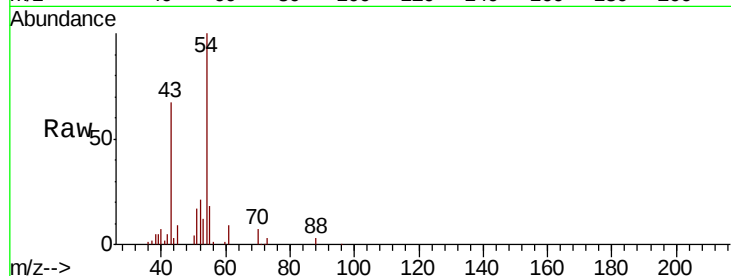




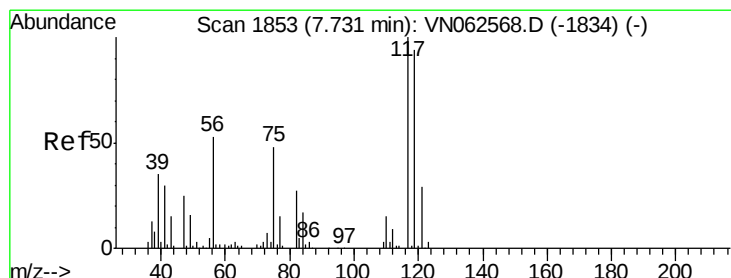
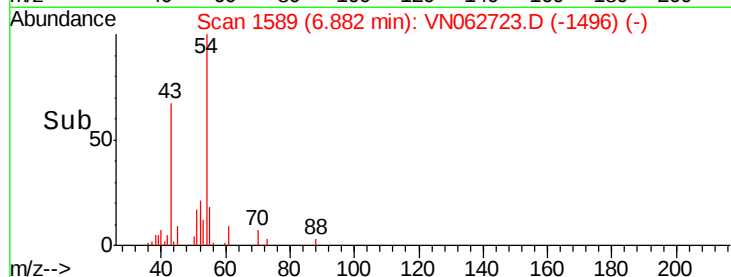
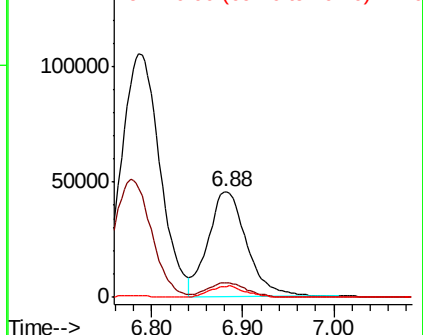
#37
Ethyl Acetate
Concen: 45.799 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	134847
Ion Ratio	Lower	Upper	
43	100		
61	13.0	11.3	16.9
70	10.1	7.7	11.5

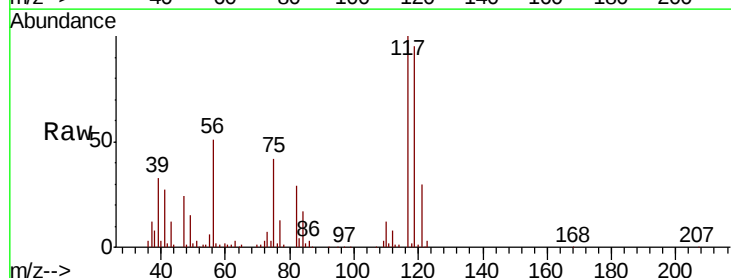


Abundance Ion 43.00 (42.70 to 43.70): VN062723.D (-1496) (-)

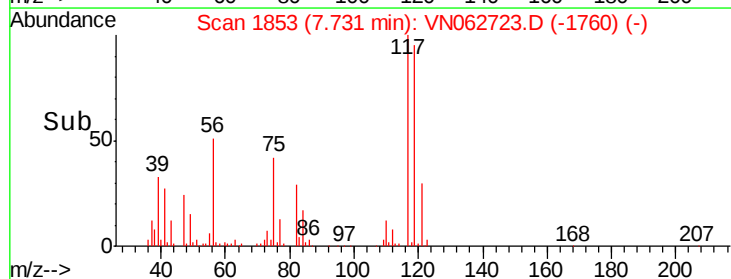
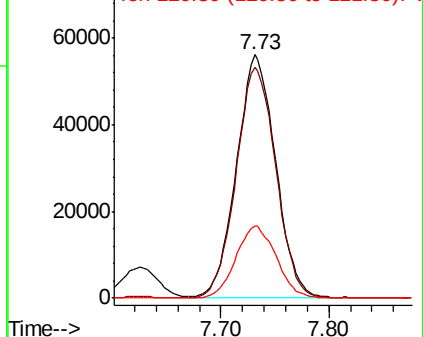


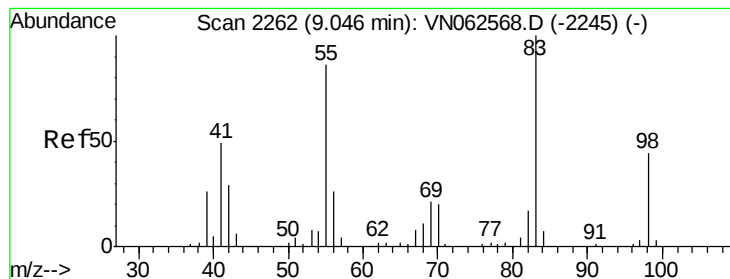
#38
Carbon Tetrachloride
Concen: 53.525 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion	117	Resp	140529
Ion Ratio	Lower	Upper	
117	100		
119	95.1	74.8	112.2
121	30.0	23.0	34.6



Abundance Ion 116.80 (116.50 to 117.50): VN062723.D (-1760) (-)





#39

Methvlcvclohexane

Concen: 43.988 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

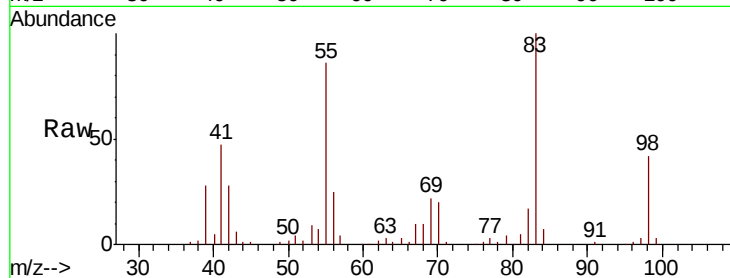
Tot Ion: 83 Resp: 129336

Ion Ratio Lower Upper

83 100

55 85.9 68.9 103.3

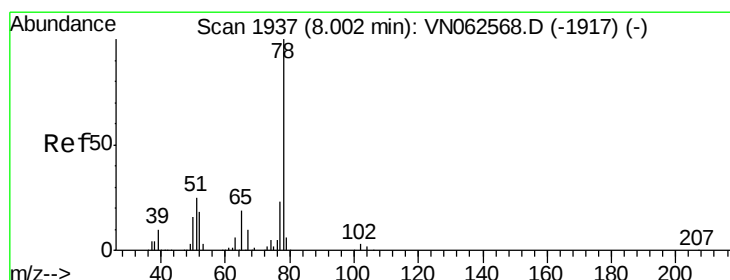
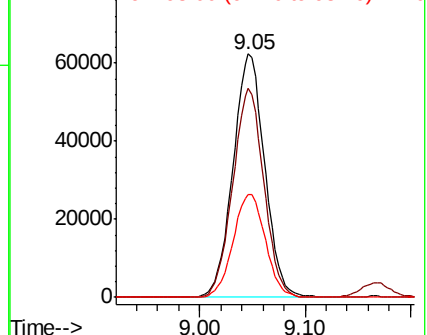
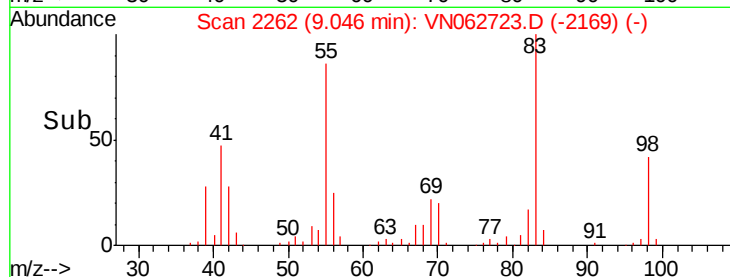
98 42.4 35.1 52.7



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 45.110 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN062723.D

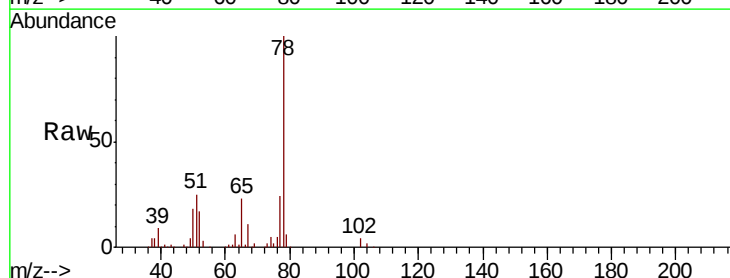
Acq: 1 Aug 2020 7:13

Tgt Ion: 78 Resp: 373026

Ion Ratio Lower Upper

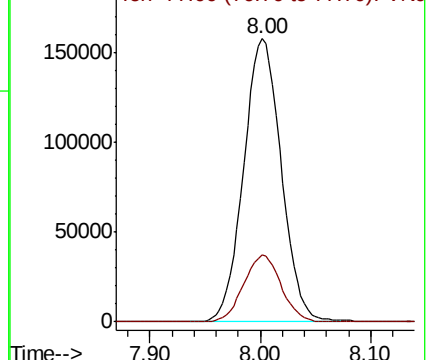
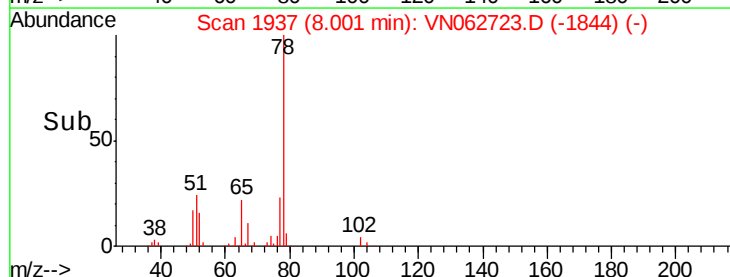
78 100

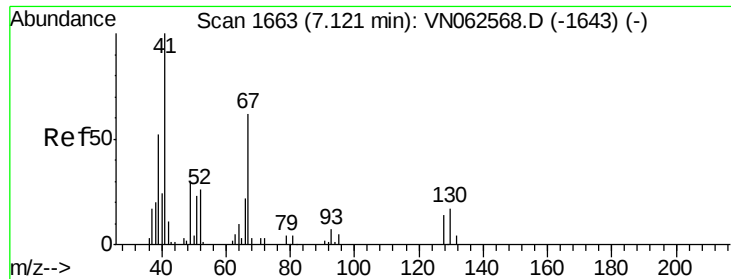
77 23.5 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

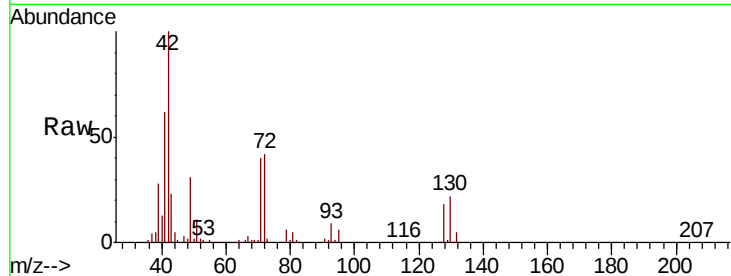




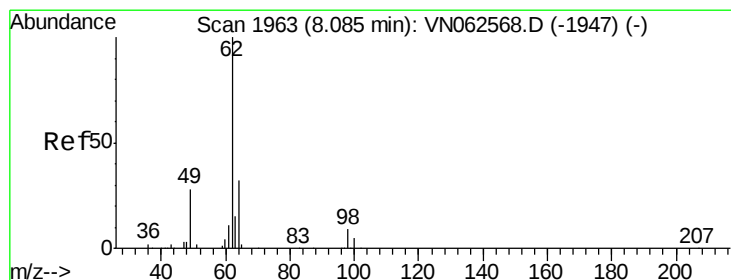
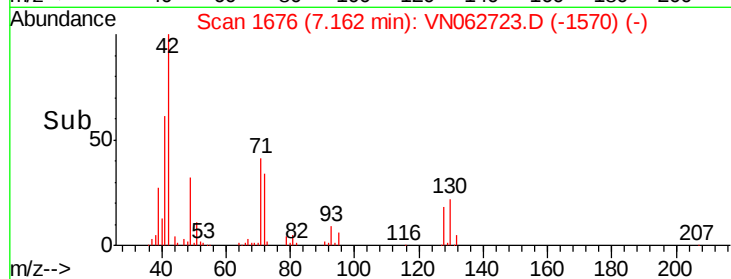
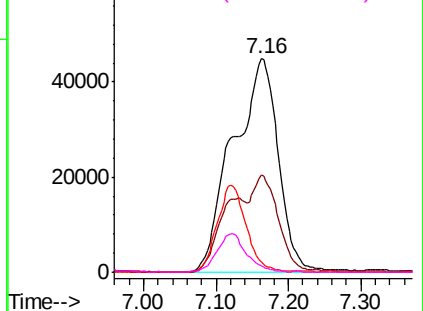
#41
Methacrylonitrile
Concen: 154.494 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.04 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	55.8	83.6#
67	0.0	72.5	108.7#
52	0.0	31.8	47.8#

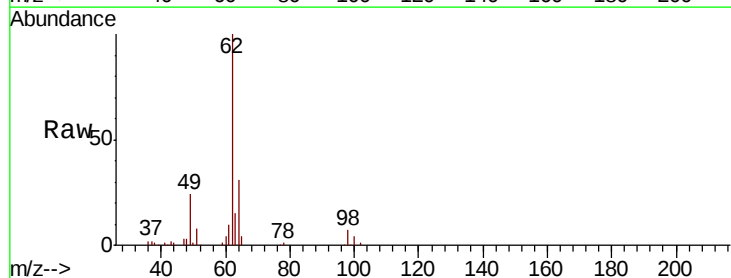


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

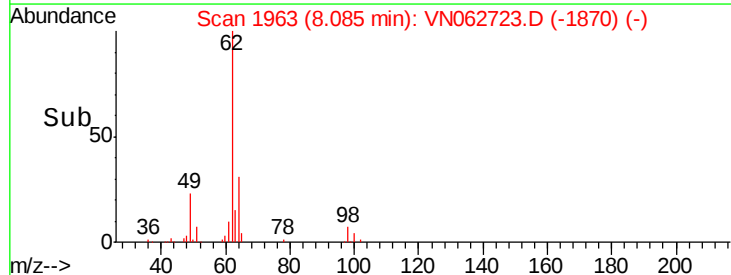
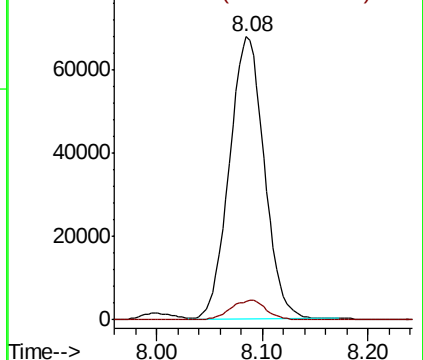


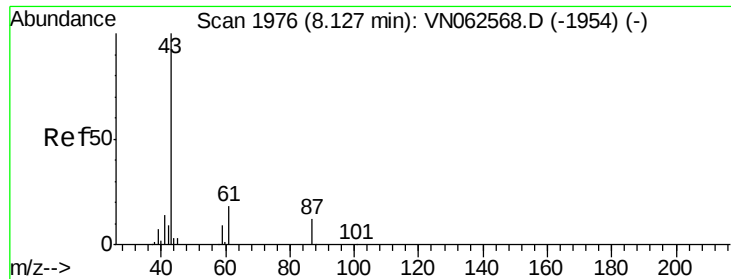
#42
1,2-Dichloroethane
Concen: 51.489 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	16.2



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





#43

Isopropyl Acetate

Concen: 45.526 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

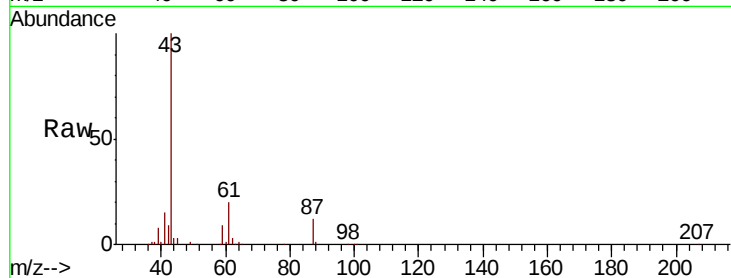
Tot Ion: 43 Resp: 216089

Ion Ratio Lower Upper

43 100

61 27.2 20.8 31.2

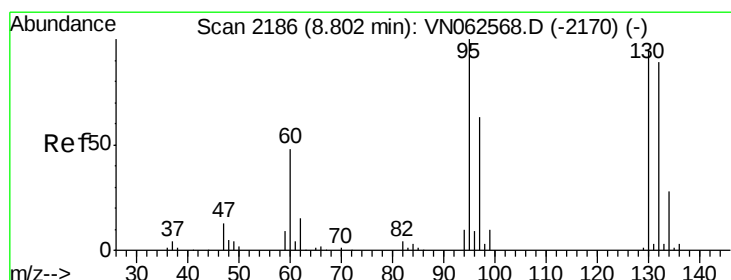
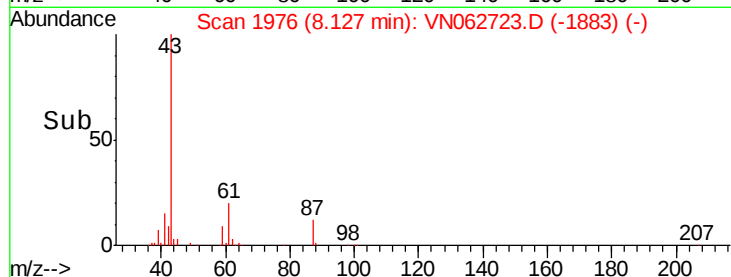
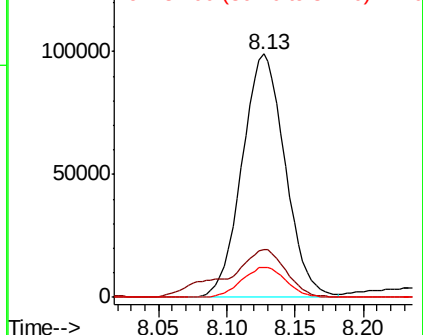
87 12.7 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN062723.D (-1954) (-)

Ion 61.00 (60.70 to 61.70): VN062723.D (-1954) (-)

Ion 87.00 (86.70 to 87.70): VN062723.D (-1954) (-)



#44

Trichloroethene

Concen: 46.346 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062723.D

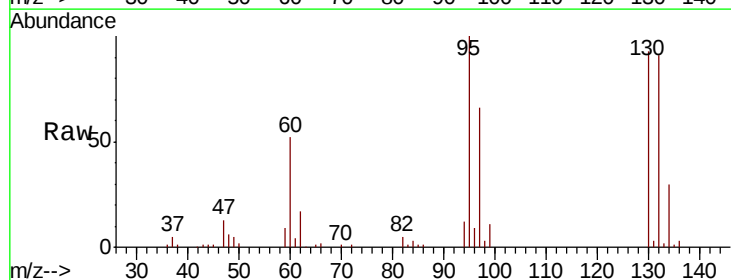
Acq: 1 Aug 2020 7:13

Tgt Ion:130 Resp: 86426

Ion Ratio Lower Upper

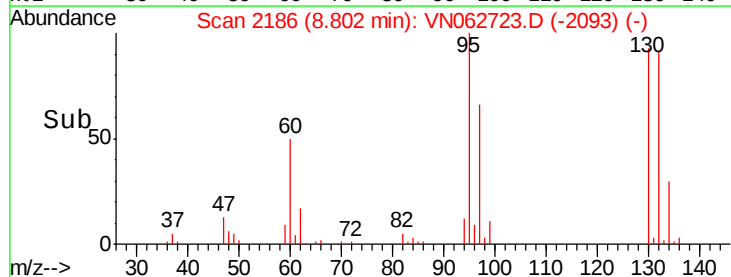
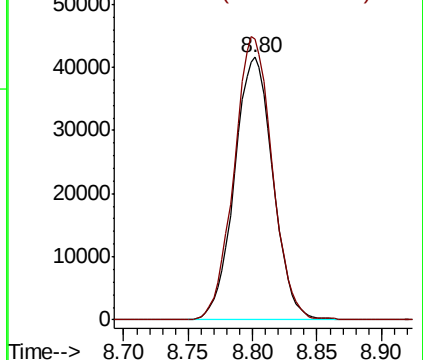
130 100

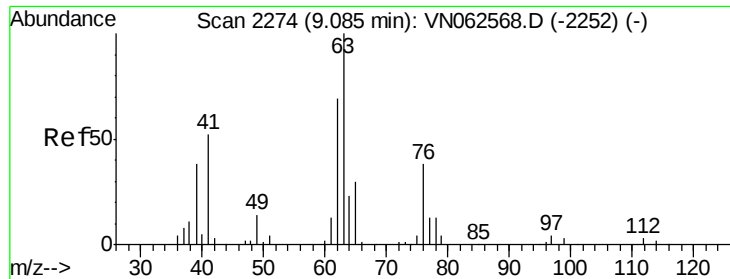
95 107.1 0.0 210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062723.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062723.D (-2093) (-)

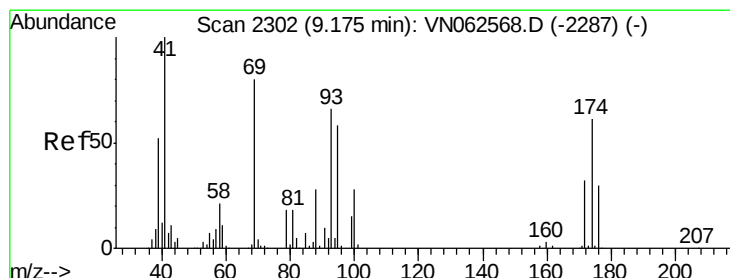
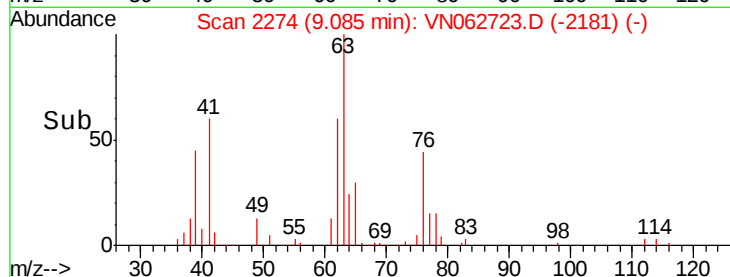
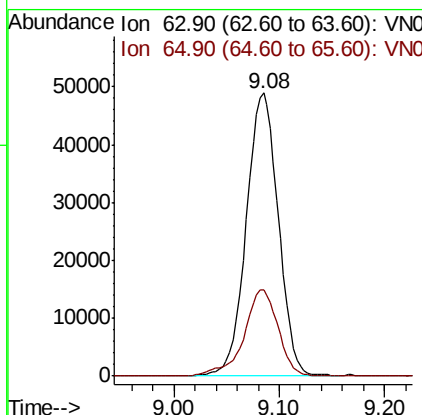
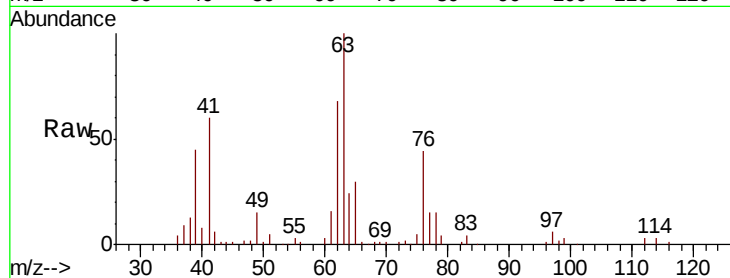




#45
 1,2-Dichloropropane
 Concen: 44.663 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

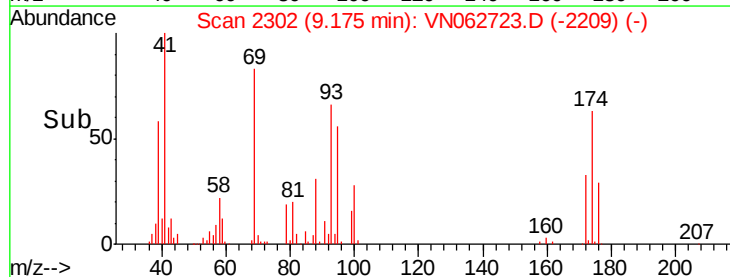
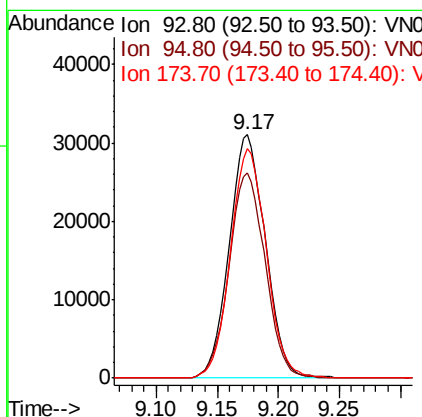
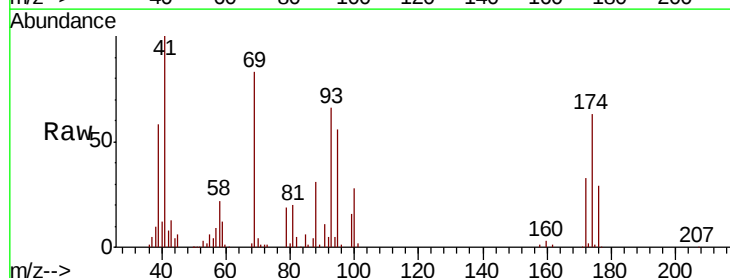
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

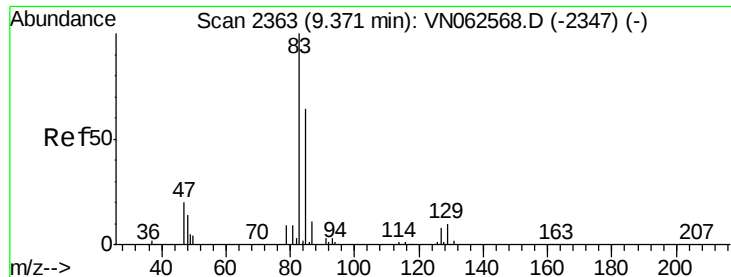
Tot Ion: 63 Resp: 103697
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.4 36.6



#46
 Dibromomethane
 Concen: 47.605 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Tgt Ion: 93 Resp: 63882
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.6 101.4
 174 93.3 72.5 108.7

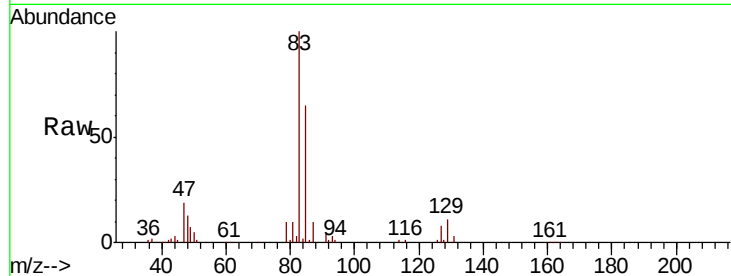




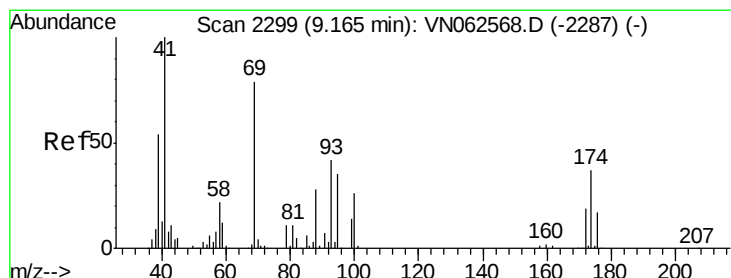
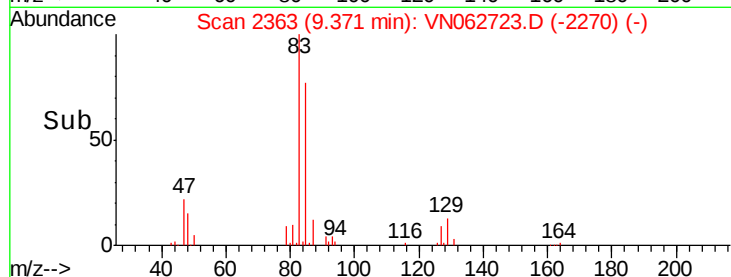
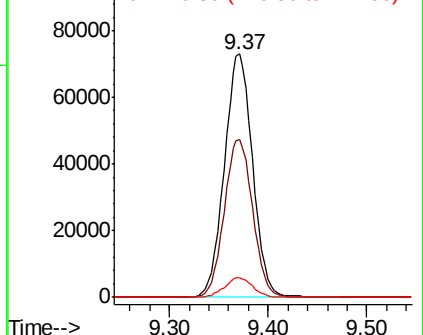
#47
 Bromodichloromethane
 Concen: 50.221 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 83 Resp: 146004
 Ion Ratio Lower Upper
 83 100
 85 64.6 51.6 77.4
 127 7.9 6.2 9.2

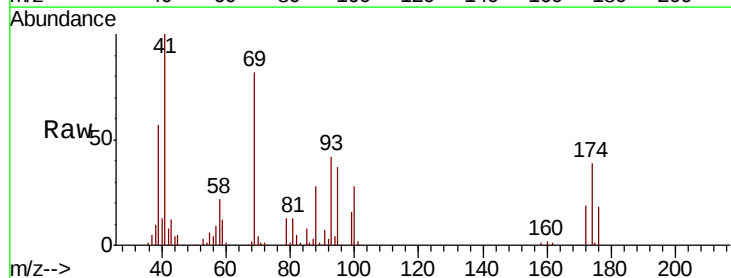


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): V

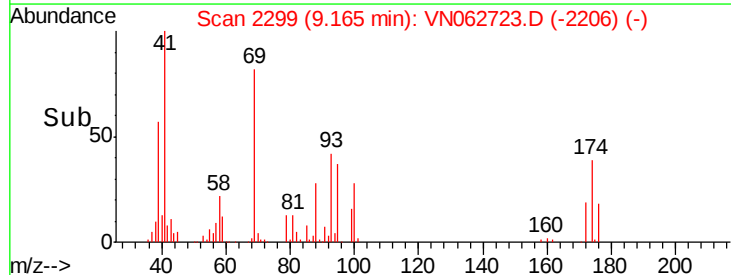
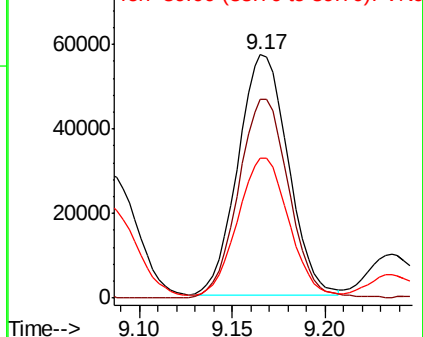


#48
 Methyl methacrylate
 Concen: 47.451 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Tgt Ion: 41 Resp: 107063
 Ion Ratio Lower Upper
 41 100
 69 83.1 64.4 96.6
 39 59.3 43.5 65.3



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 994.279 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

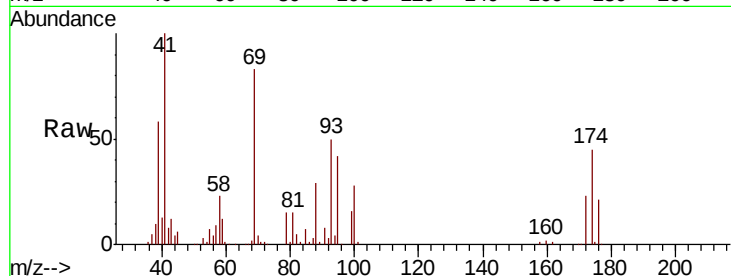
Tot Ion: 88 Resp: 34456

Ion Ratio Lower Upper

88 100

43 39.7 32.0 48.0

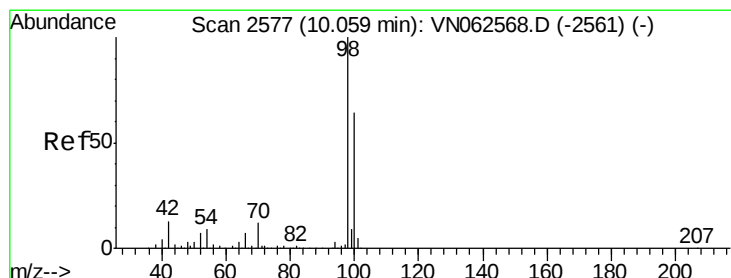
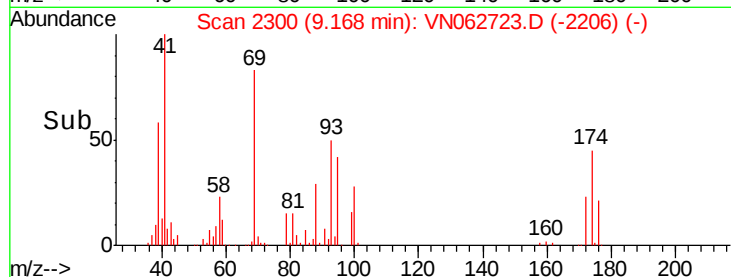
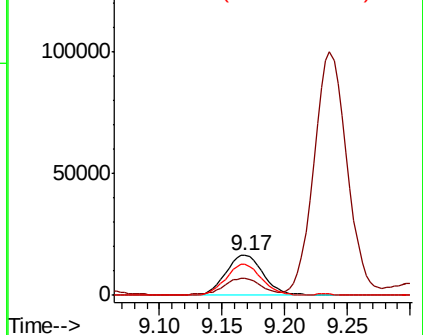
58 73.7 62.8 94.2



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: 49.607 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062723.D

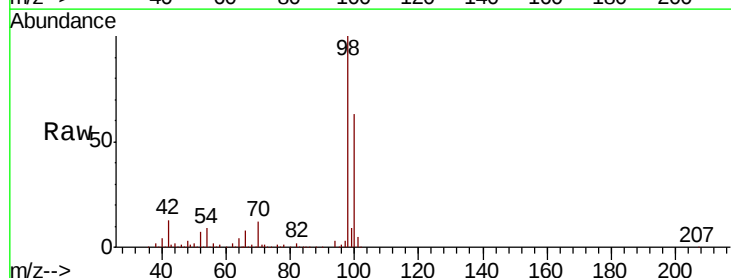
Acq: 1 Aug 2020 7:13

Tgt Ion: 98 Resp: 333157

Ion Ratio Lower Upper

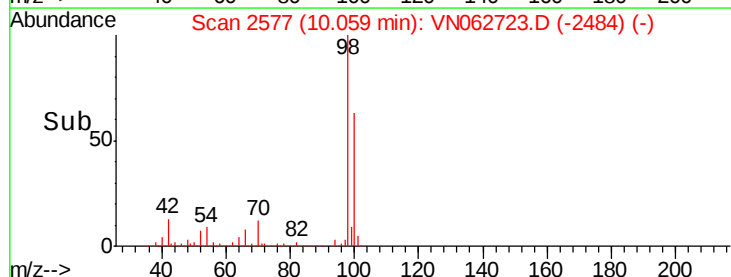
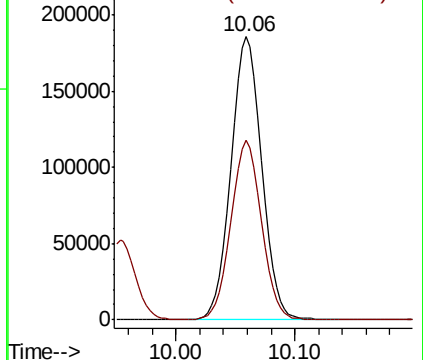
98 100

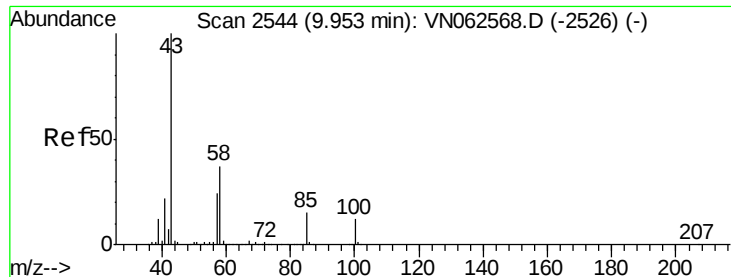
100 62.5 50.9 76.3



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: 240.264 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

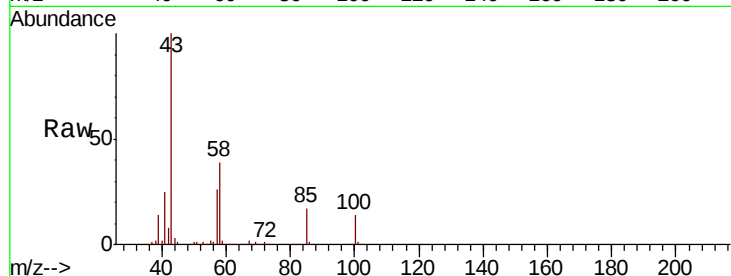
VSTDCCC050EC

Tot Ion: 43 Resp: 682348

Ion Ratio Lower Upper

43 100

58 38.4 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-2526) (-)

Ion 58.00 (57.70 to 58.70): VN062568.D (-2526) (-)

9.95

400000

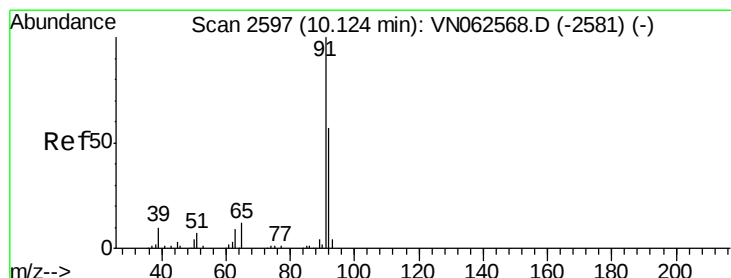
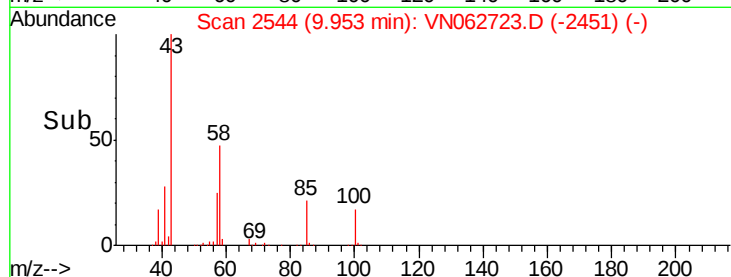
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 47.355 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062723.D

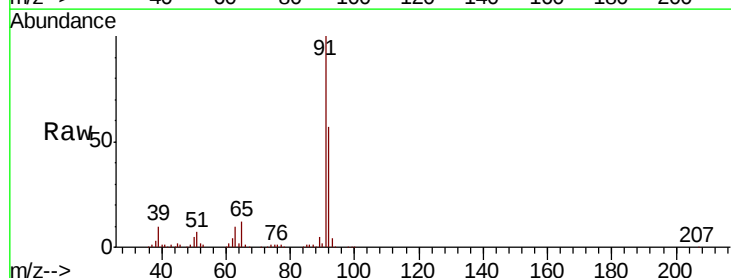
Acq: 1 Aug 2020 7:13

Tgt Ion: 92 Resp: 227383

Ion Ratio Lower Upper

92 100

91 175.0 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN062568.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062568.D (-2581) (-)

10.12

250000

200000

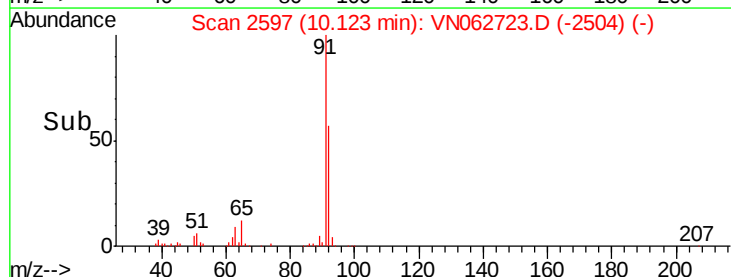
150000

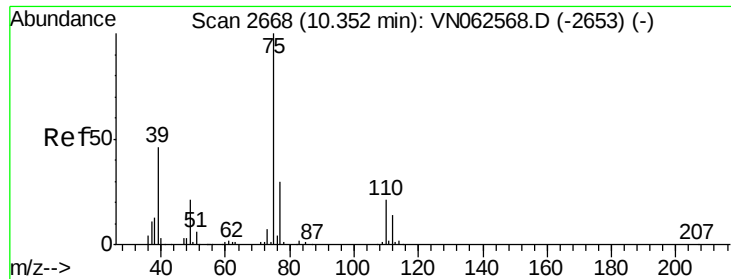
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.119 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

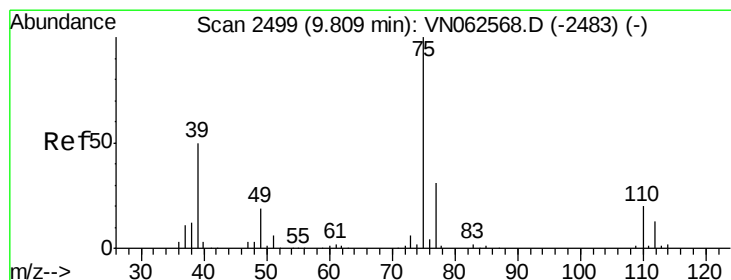
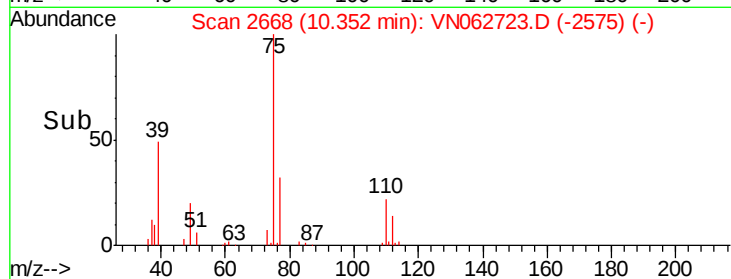
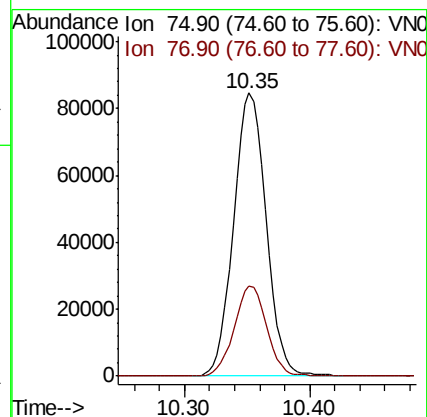
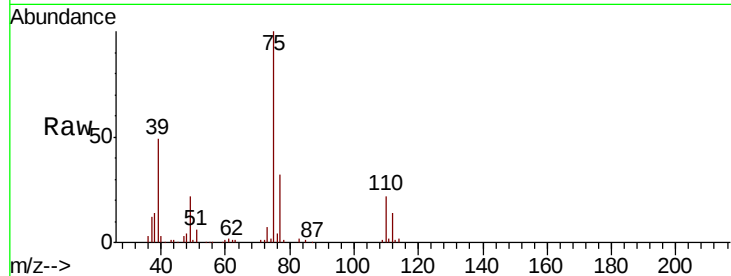
VSTDCCC050EC

Tot Ion: 75 Resp: 152495

Ion Ratio Lower Upper

75 100

77 32.0 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 44.962 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

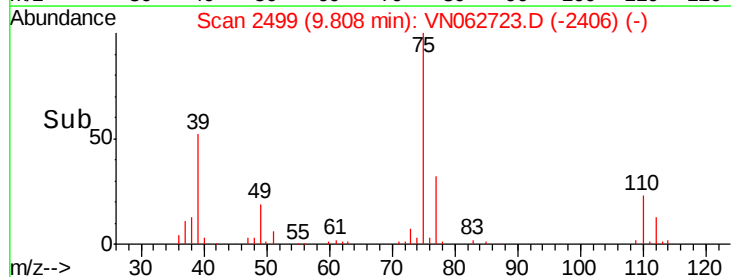
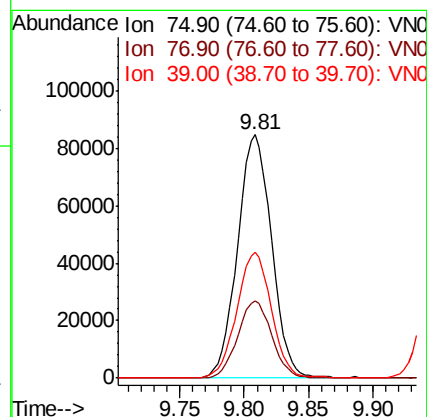
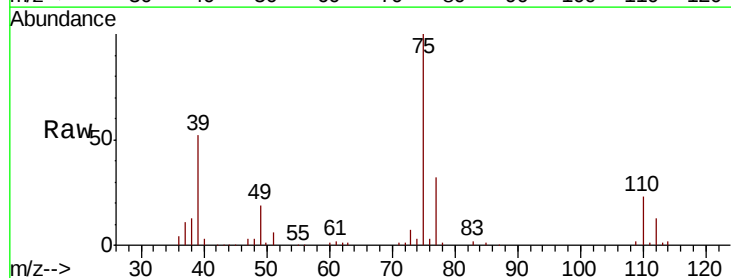
Tgt Ion: 75 Resp: 156141

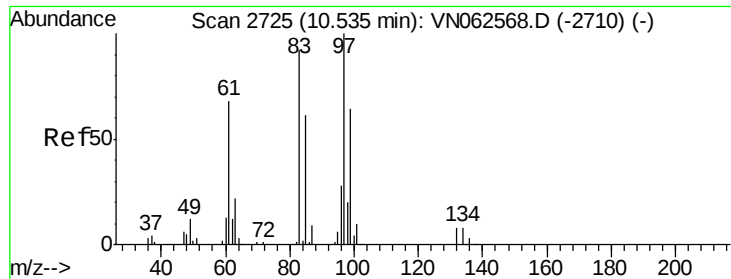
Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6

39 51.8 39.8 59.8

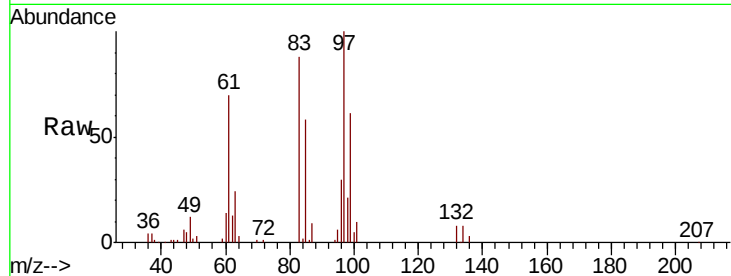




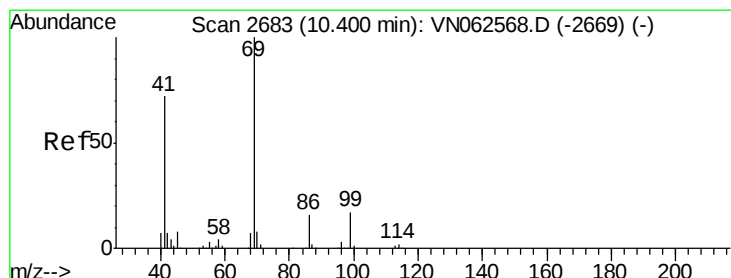
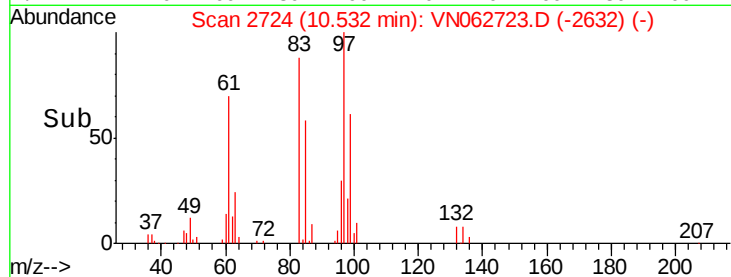
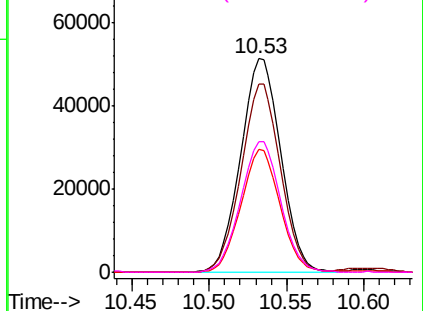
#55
 1,1,2-Trichloroethane
 Concen: 49.980 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 93089
 Ion Ratio Lower Upper
 97 100
 83 88.2 73.7 110.5
 85 57.6 48.5 72.7
 99 61.3 50.8 76.2

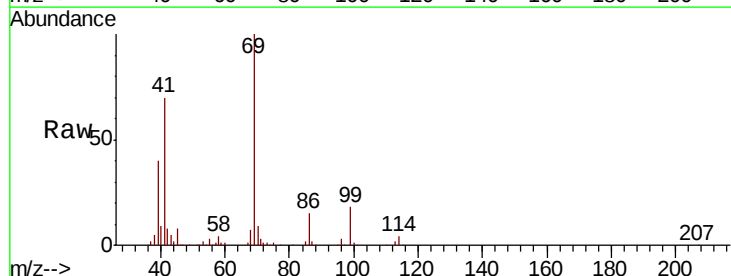


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

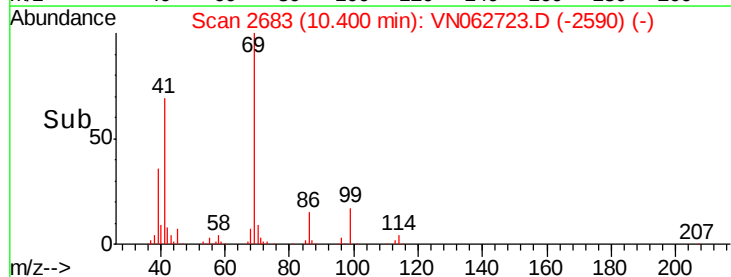
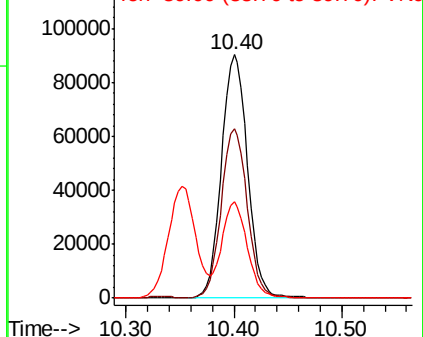


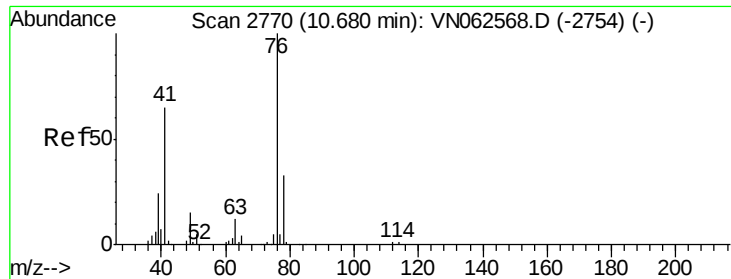
#56
 Ethyl methacrylate
 Concen: 45.716 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Tgt Ion: 69 Resp: 152366
 Ion Ratio Lower Upper
 69 100
 41 69.1 57.2 85.8
 39 38.3 28.6 43.0



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

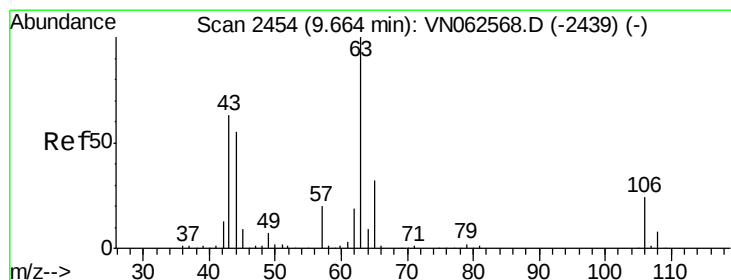
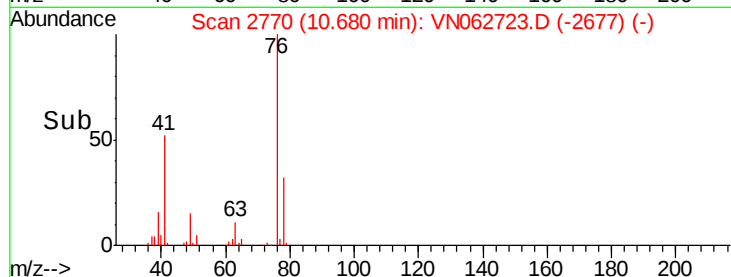
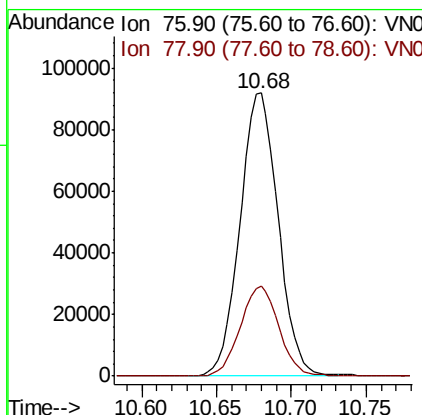
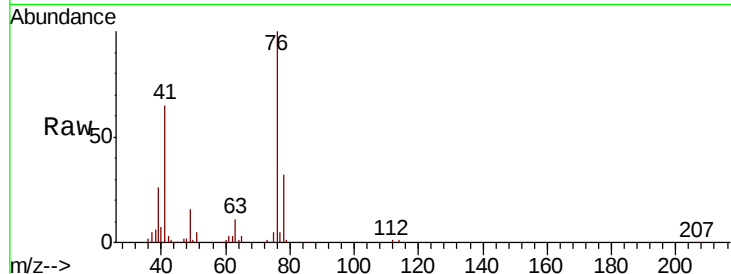




#57
 1,3-Dichloropropane
 Concen: 47.812 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

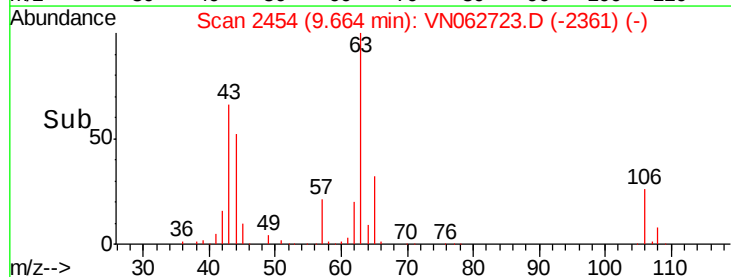
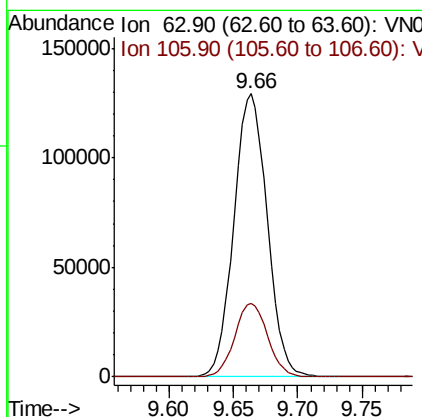
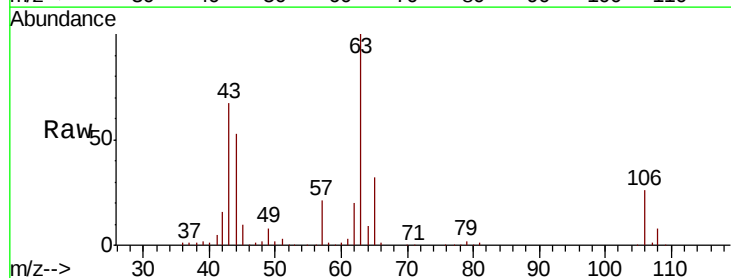
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

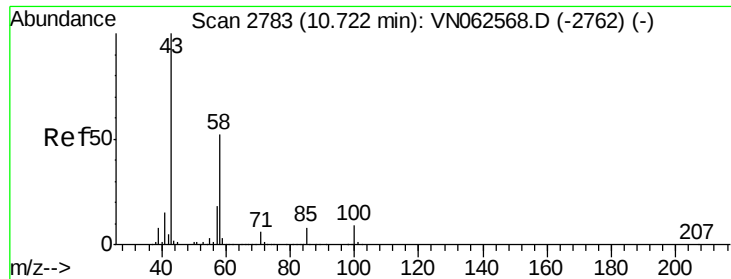
Tot Ion: 76 Resp: 163144
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 232.017 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Tgt Ion: 63 Resp: 232550
 Ion Ratio Lower Upper
 63 100
 106 25.6 18.9 28.3

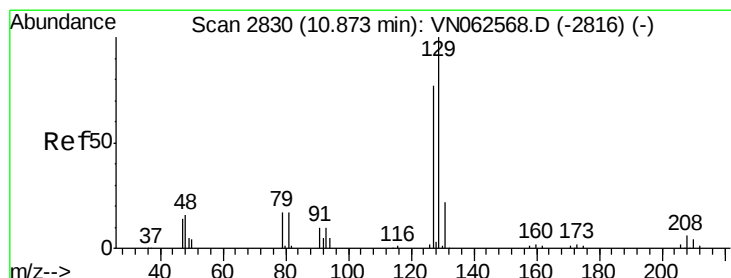
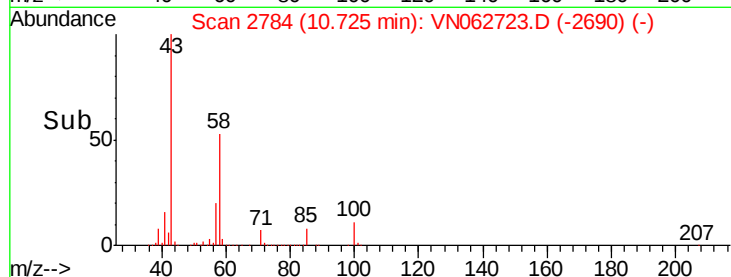
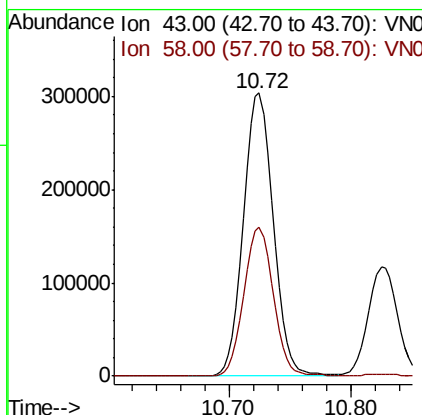
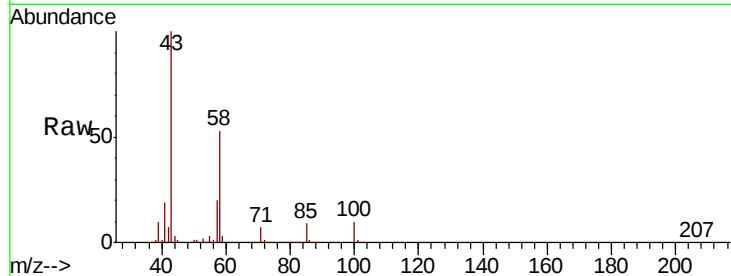




#59
2-Hexanone
Concen: 232.459 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

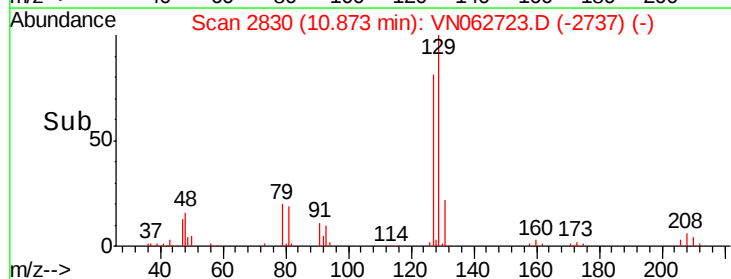
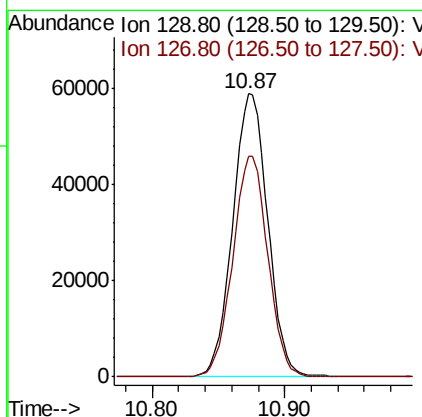
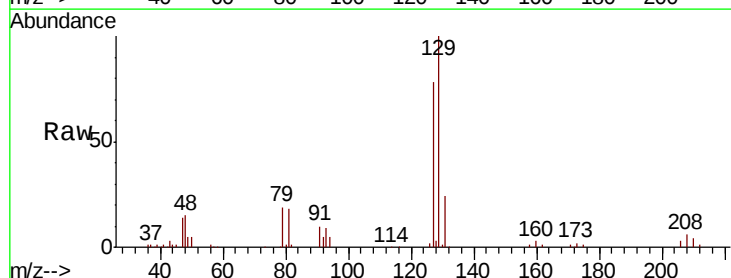
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

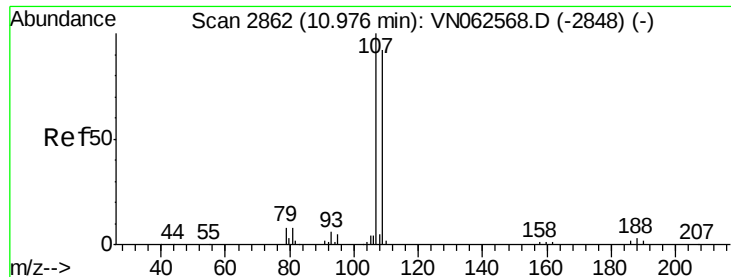
Tot Ion: 43 Resp: 510104
Ion Ratio Lower Upper
43 100
58 52.1 26.0 78.0



#60
Dibromochloromethane
Concen: 51.859 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion: 129 Resp: 107753
Ion Ratio Lower Upper
129 100
127 77.8 38.0 113.9

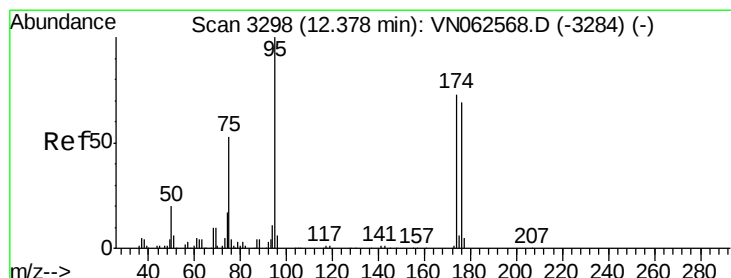
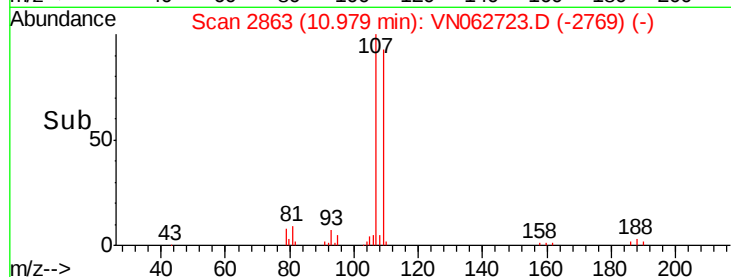
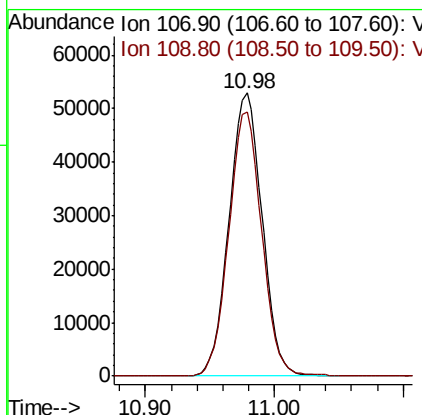
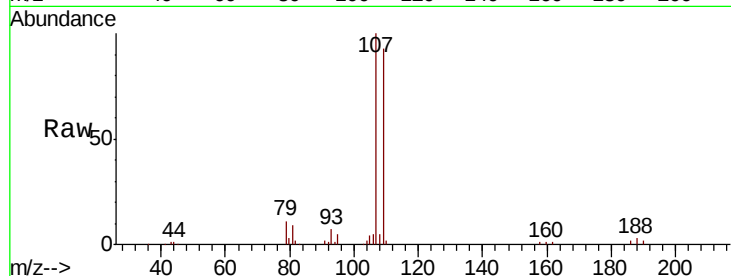




#61
 1,2-Dibromoethane
 Concen: 48.671 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

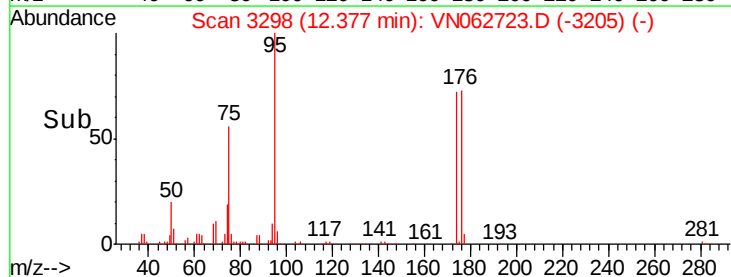
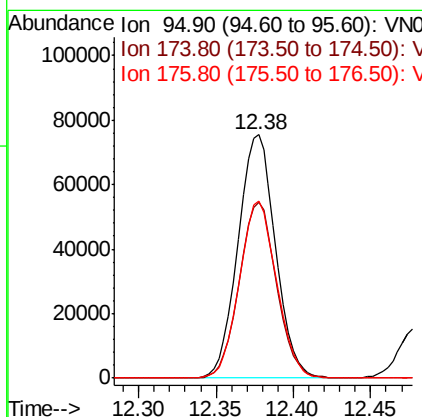
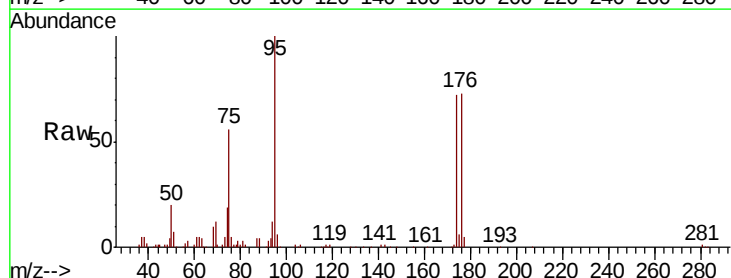
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

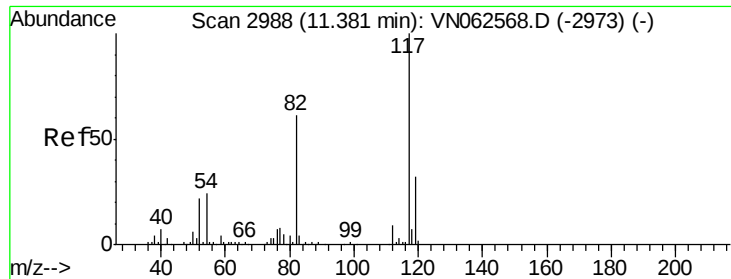
Tot Ion:107 Resp: 94395
 Ion Ratio Lower Upper
 107 100
 109 92.4 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 51.767 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Tgt Ion: 95 Resp: 127121
 Ion Ratio Lower Upper
 95 100
 174 71.9 0.0 144.6
 176 72.1 0.0 139.4

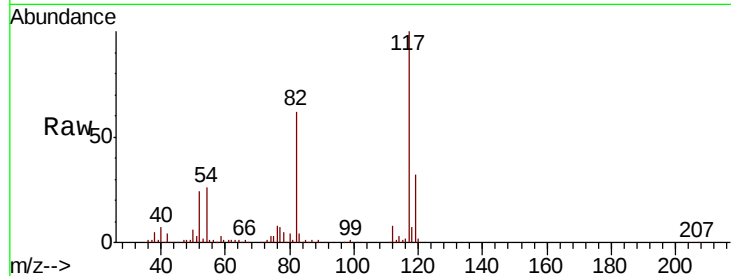




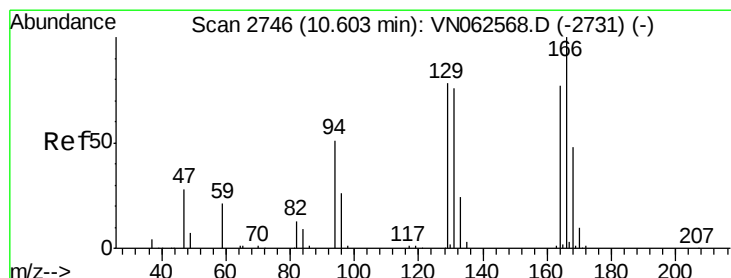
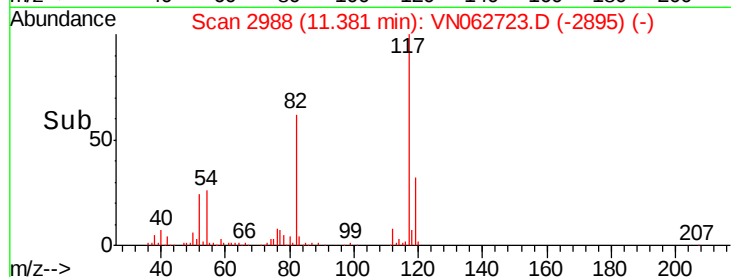
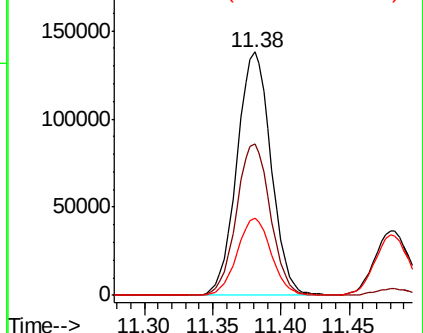
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 240180
Ion Ratio Lower Upper
117 100
82 62.0 49.0 73.6
119 31.7 25.4 38.2

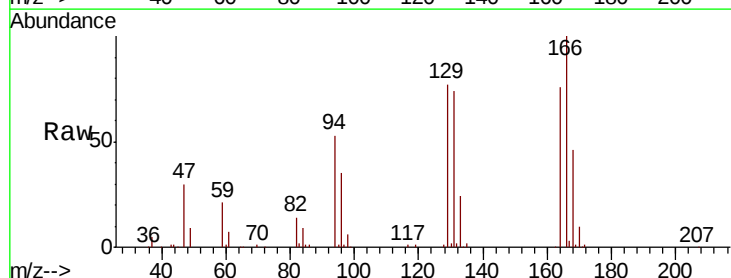


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

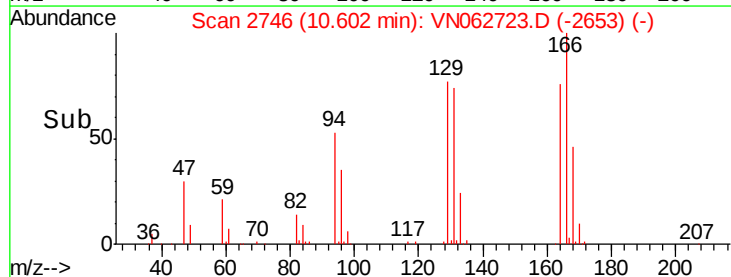
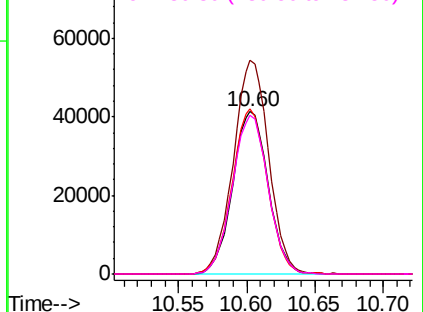


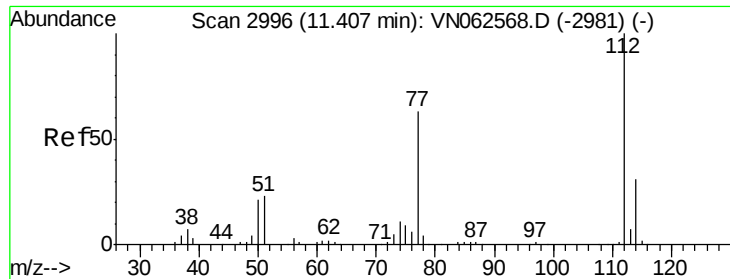
#64
Tetrachloroethene
Concen: 47.835 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion:164 Resp: 74647
Ion Ratio Lower Upper
164 100
166 131.7 104.4 156.6
129 102.0 81.0 121.4
131 97.7 79.4 119.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

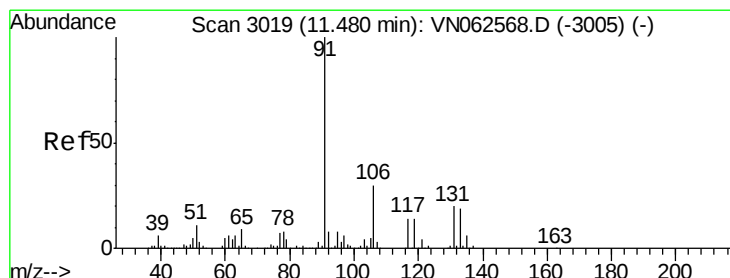
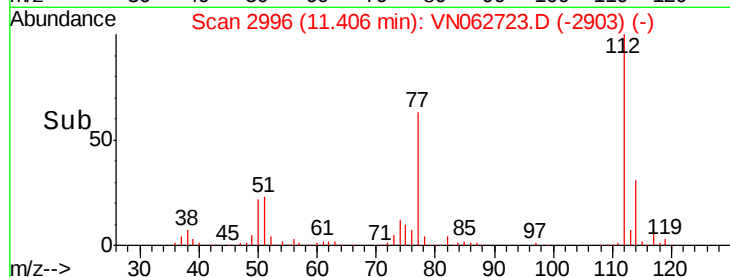
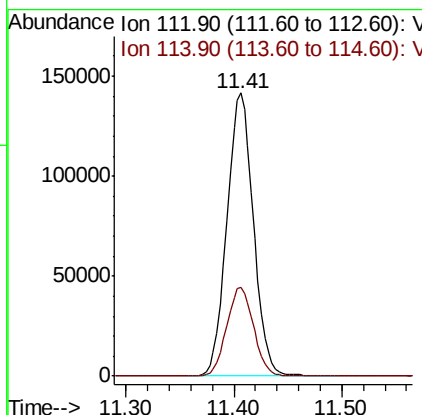
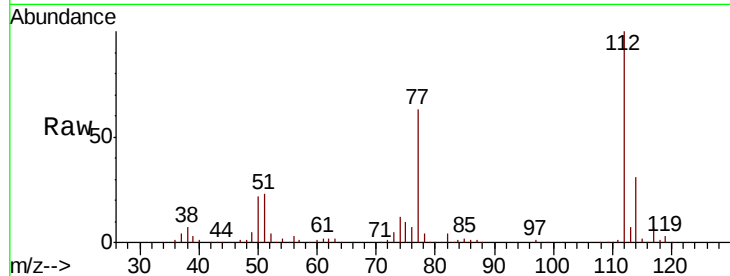




#65
Chlorobenzene
Concen: 48.156 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

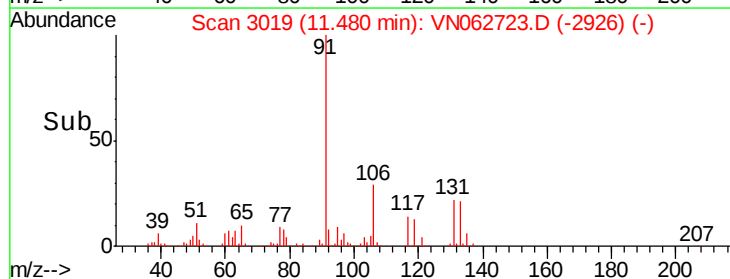
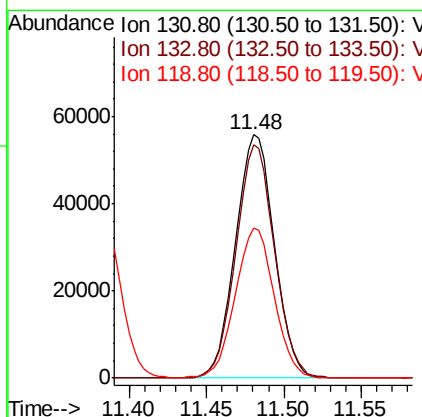
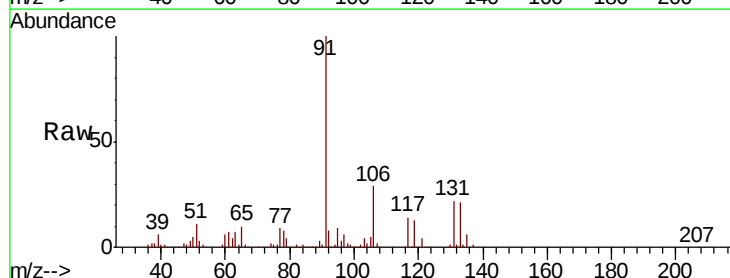
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

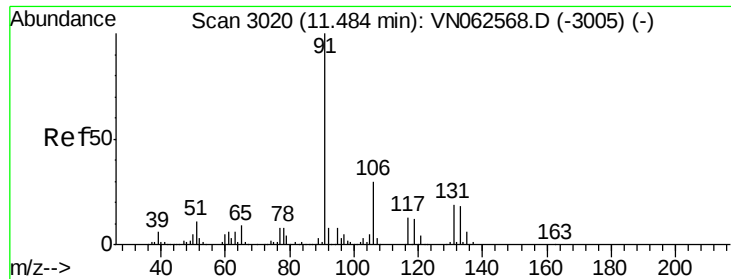
Tot Ion:112 Resp: 242476
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 51.507 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion:131 Resp: 97566
Ion Ratio Lower Upper
131 100
133 95.0 47.3 142.0
119 61.8 33.7 101.0

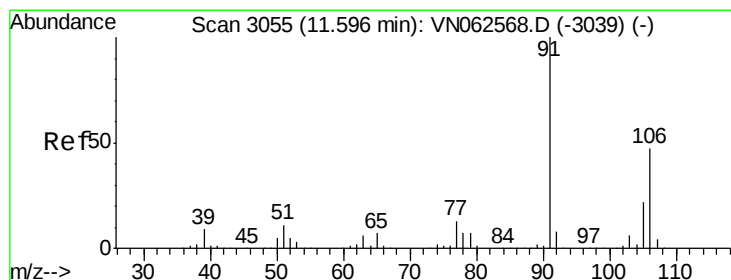
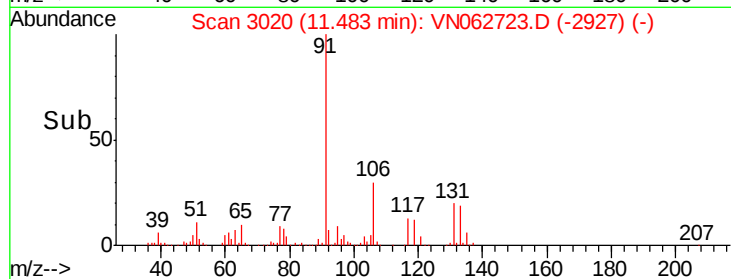
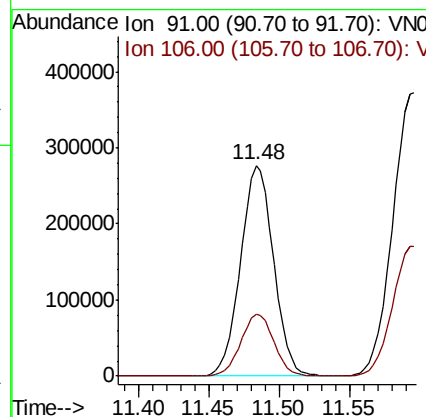
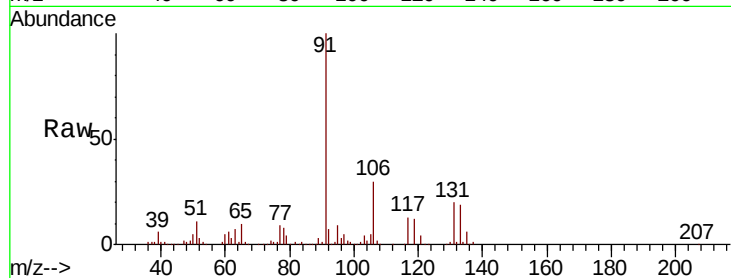




#67
Ethyl Benzene
Concen: 49.340 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

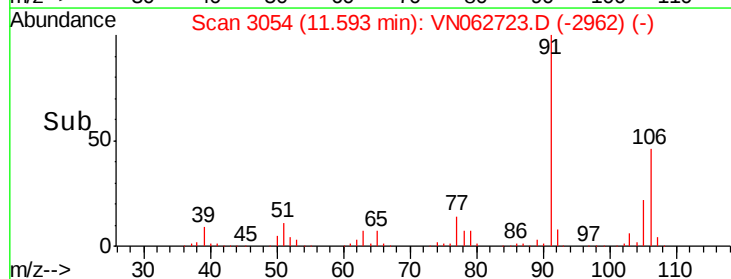
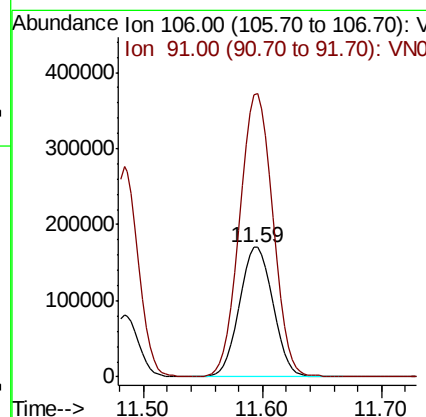
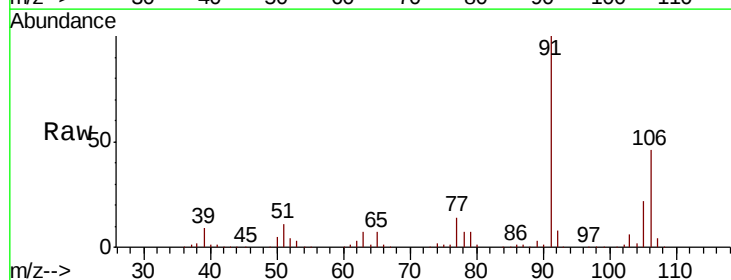
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

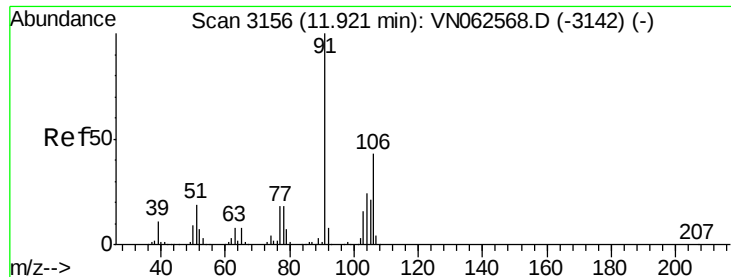
Tot Ion: 91 Resp: 455515
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.8



#68
m/p-Xylenes
Concen: 100.357 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion: 106 Resp: 333013
Ion Ratio Lower Upper
106 100
91 217.3 171.4 257.2

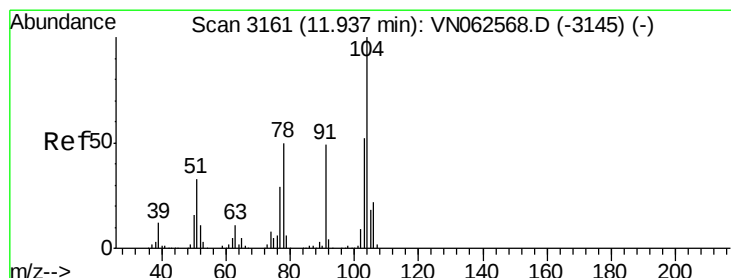
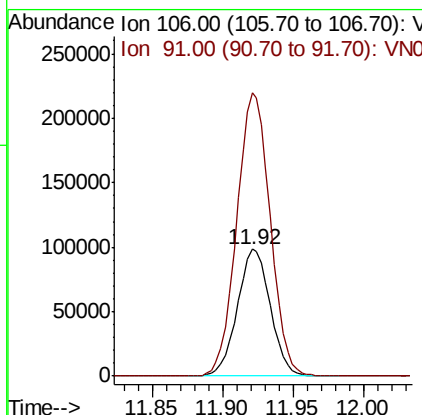
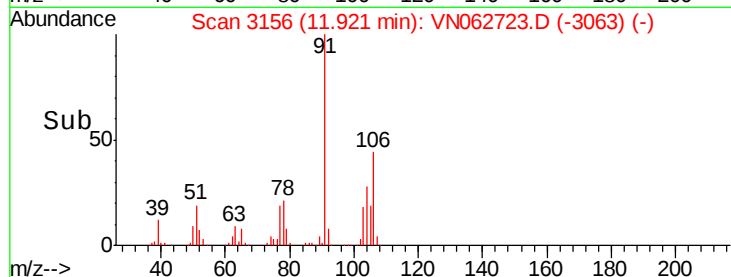
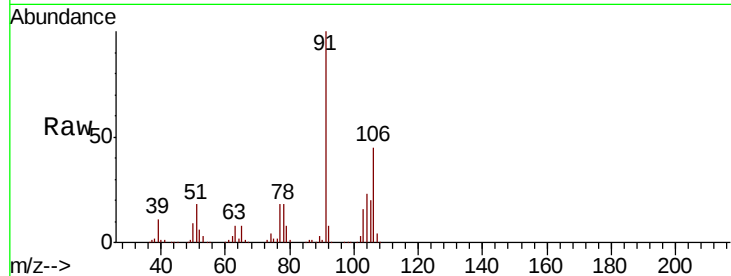




#69
o-Xylene
Concen: 51.256 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

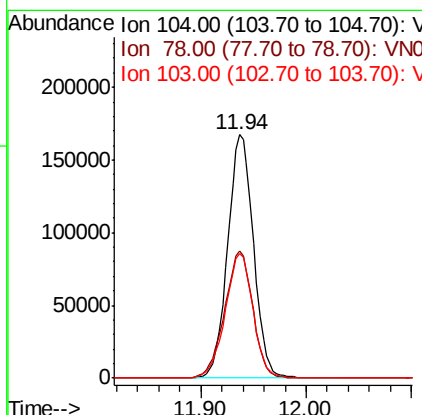
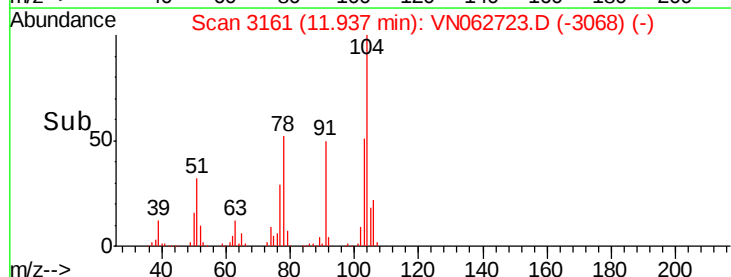
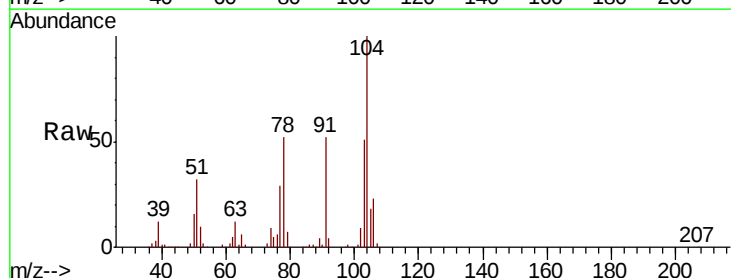
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

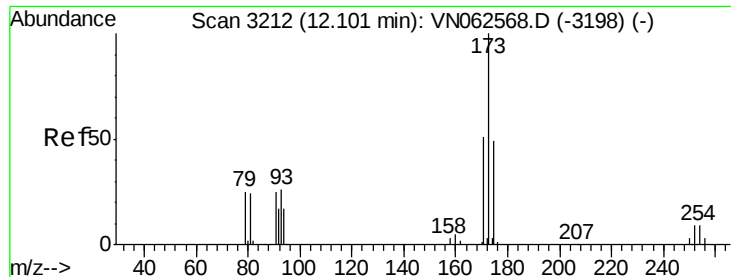
Tot Ion:106 Resp: 161510
Ion Ratio Lower Upper
106 100
91 226.3 113.8 341.2



#70
Styrene
Concen: 53.140 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion:104 Resp: 282858
Ion Ratio Lower Upper
104 100
78 56.9 43.8 65.6
103 55.1 44.0 66.0

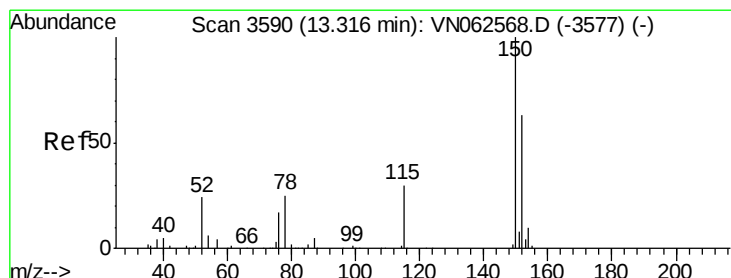
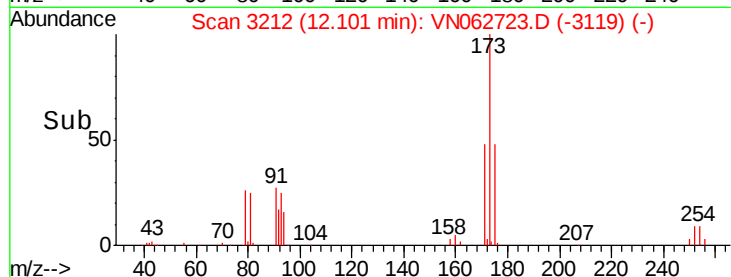
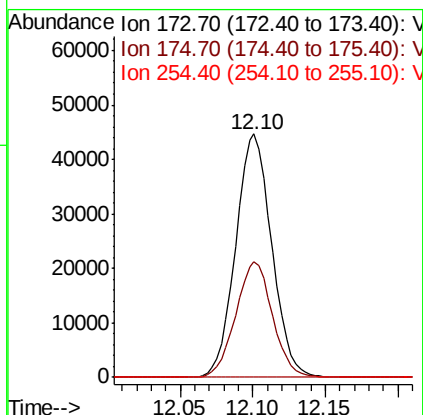
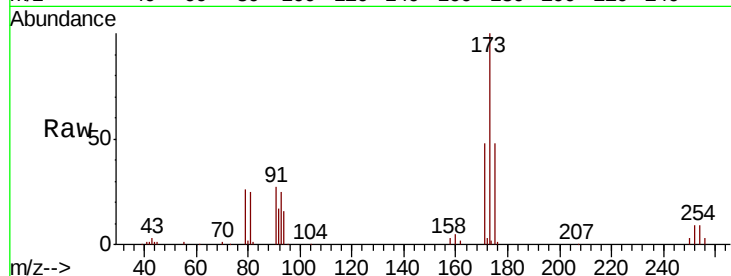




#71
Bromoform
Concen: 54.204 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

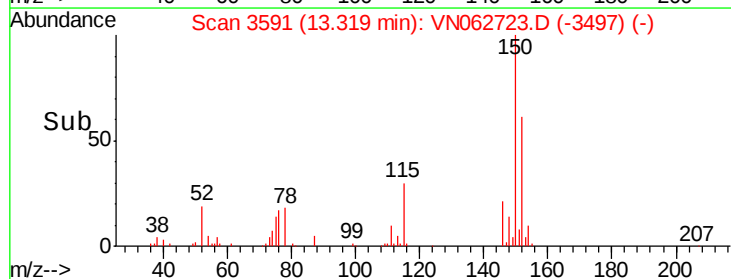
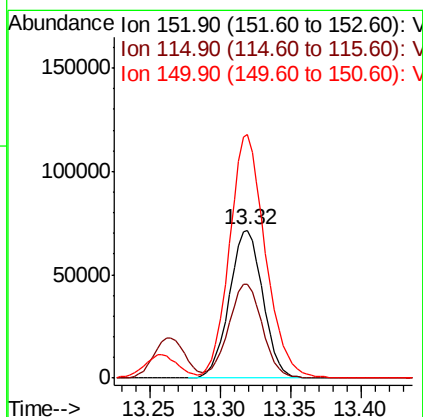
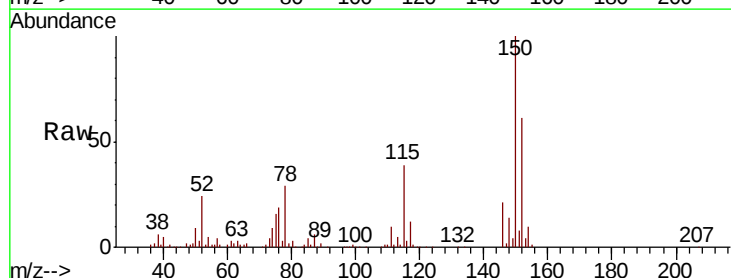
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

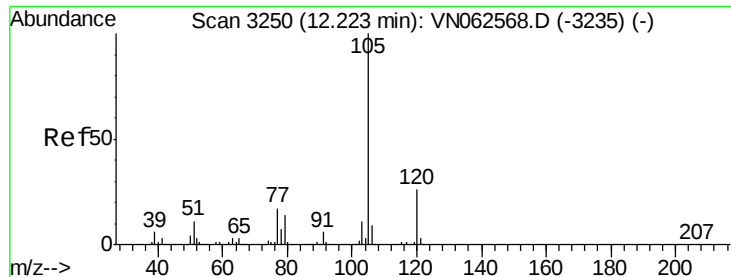
Tot Ion:173 Resp: 77092
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion:152 Resp: 118988
Ion Ratio Lower Upper
152 100
115 64.0 31.8 95.4
150 175.7 0.0 351.4





#73

Isopropylbenzene

Concen: 47.121 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

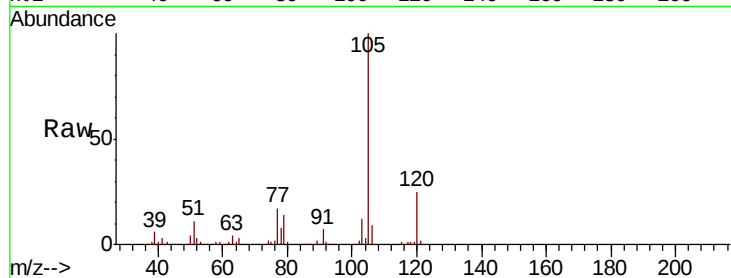
VSTDCCC050EC

Tot Ion:105 Resp: 443335

Ion Ratio Lower Upper

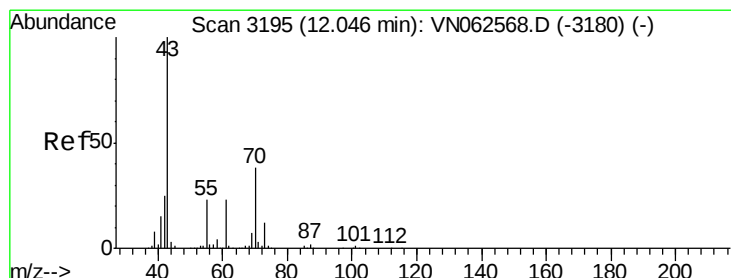
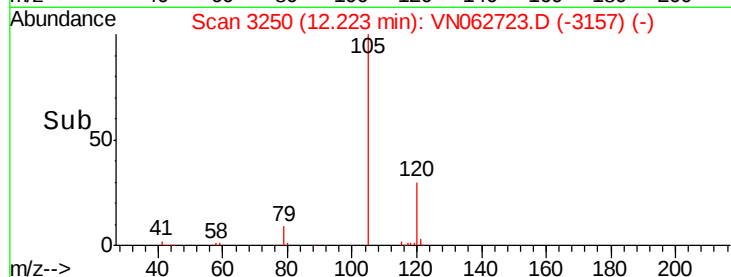
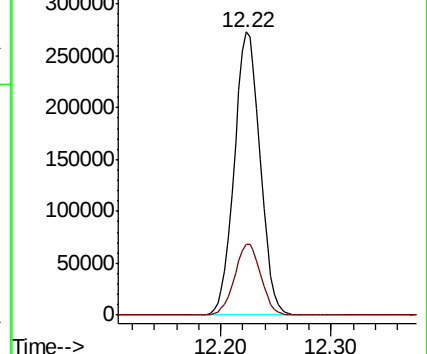
105 100

120 25.4 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.646 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Tgt Ion: 43 Resp: 195993

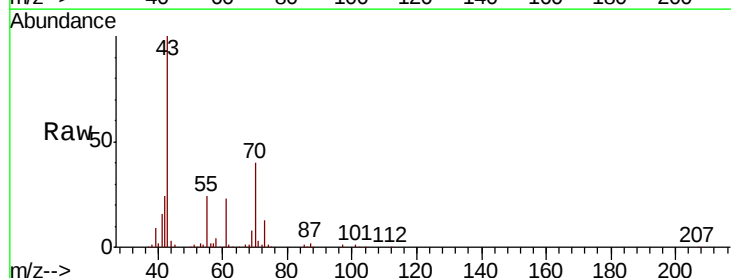
Ion Ratio Lower Upper

43 100

70 39.2 30.5 45.7

55 25.4 19.0 28.6

61 23.5 18.4 27.6

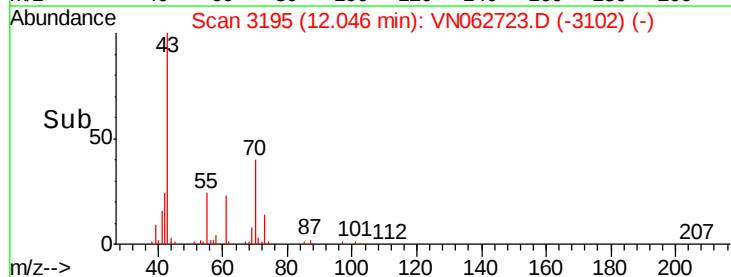
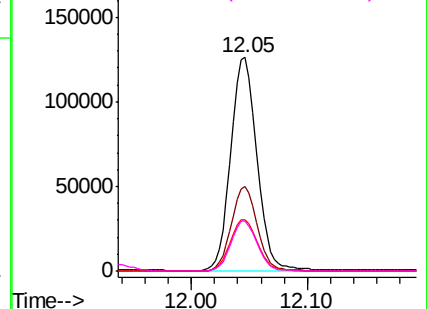


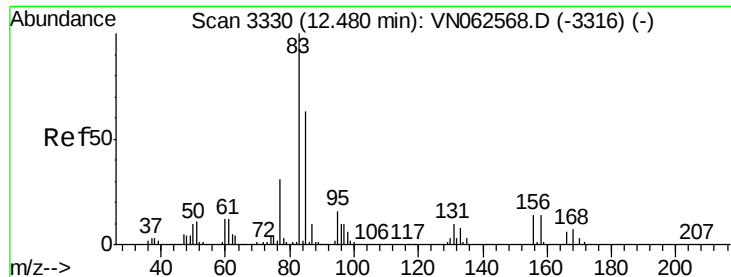
Abundance Ion 43.00 (42.70 to 43.70): V

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: 42.693 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

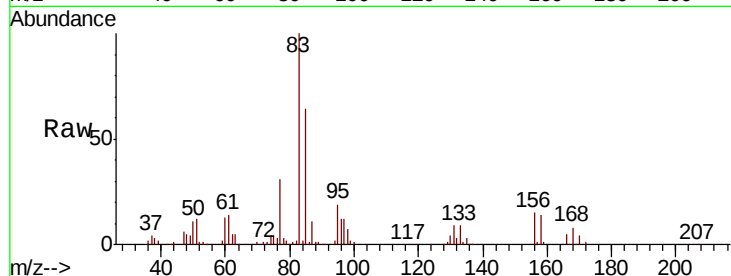
Tot Ion: 83 Resp: 139583

Ion Ratio Lower Upper

83 100

131 10.3 4.8 14.3

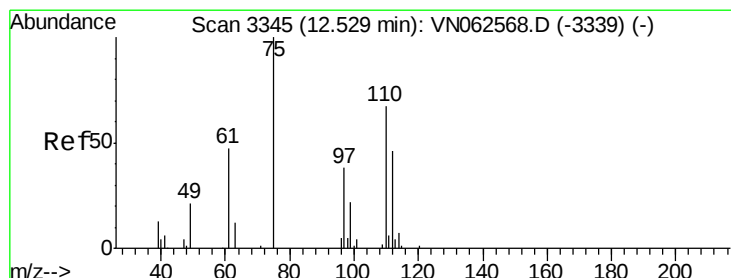
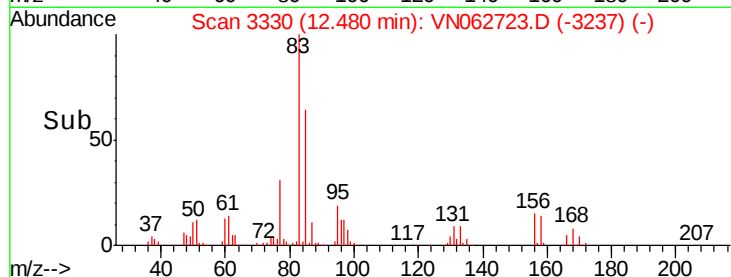
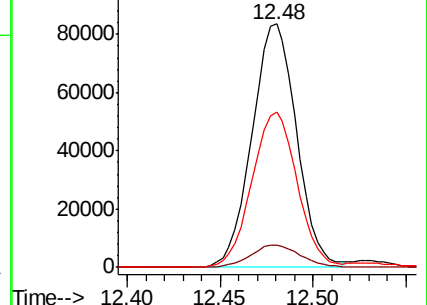
85 64.7 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN062723.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062723.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062723.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 62.357 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062723.D

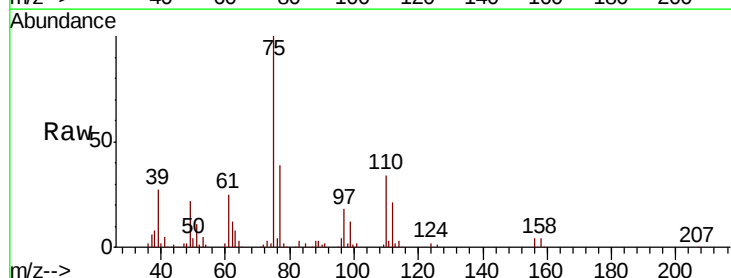
Acq: 1 Aug 2020 7:13

Tgt Ion: 75 Resp: 188858

Ion Ratio Lower Upper

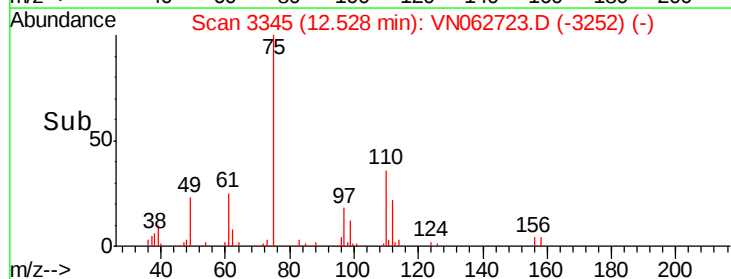
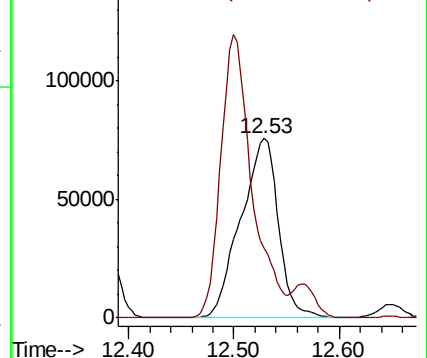
75 100

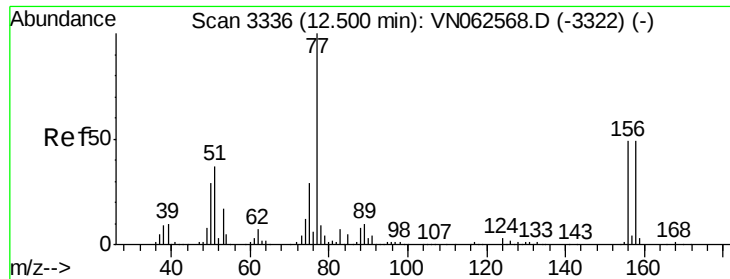
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062723.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062723.D (-3252) (-)

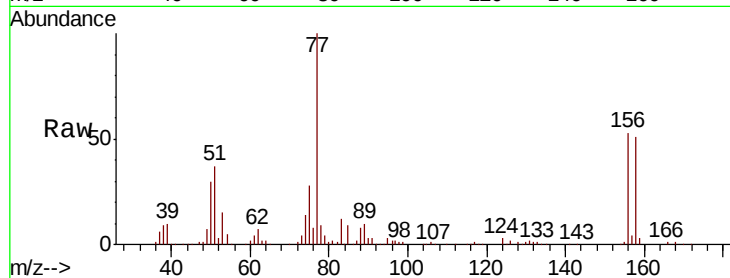




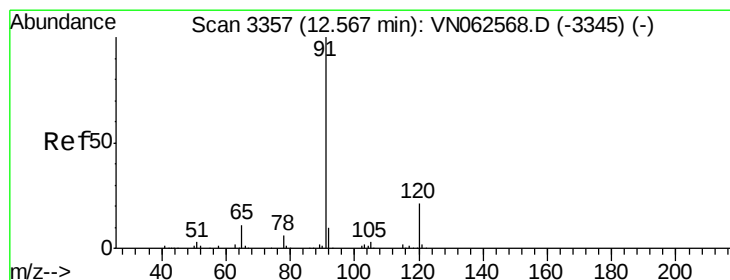
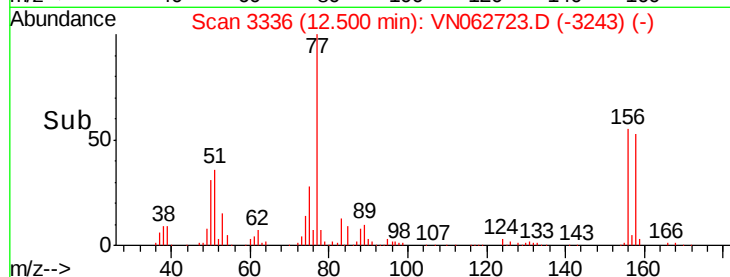
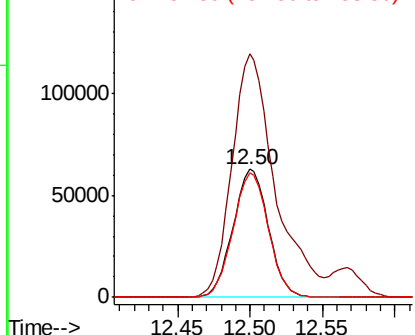
#77
Bromobenzene
Concen: 47.177 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:156 Resp: 106668
Ion Ratio Lower Upper
156 100
77 232.1 122.8 368.3
158 97.1 49.4 148.0

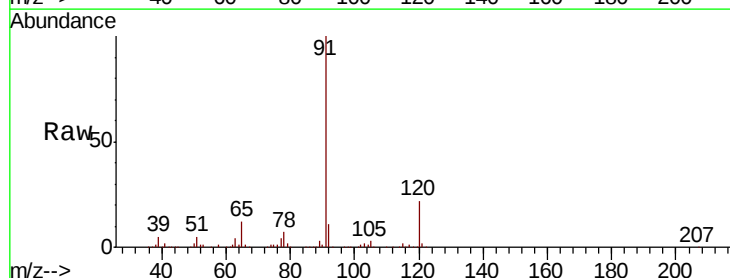


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

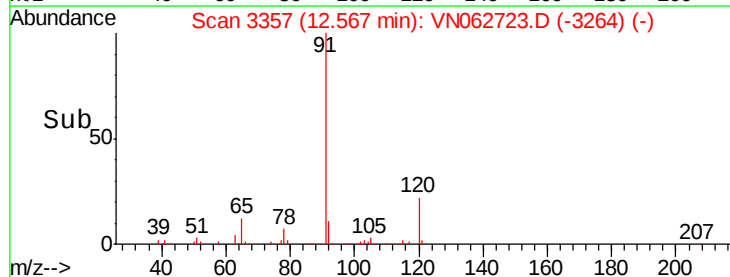
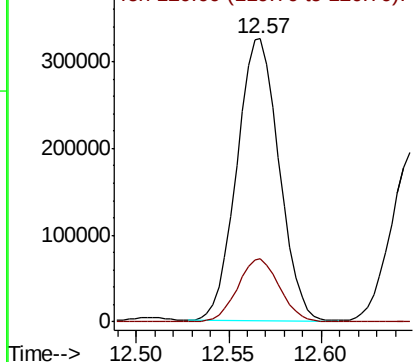


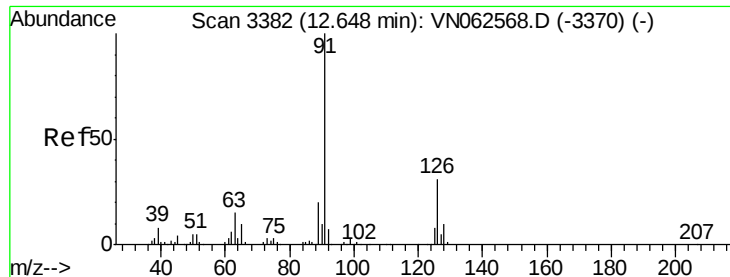
#78
n-propylbenzene
Concen: 46.846 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion: 91 Resp: 516284
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.709 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

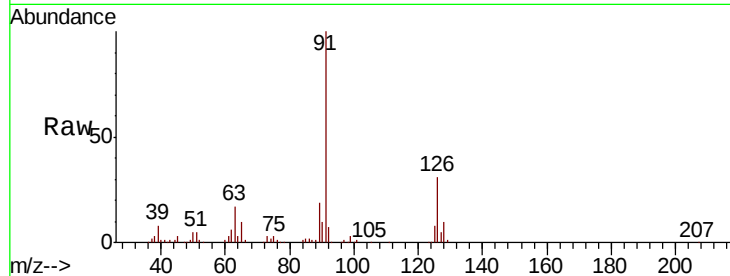
VSTDCCC050EC

Tot Ion: 91 Resp: 317244

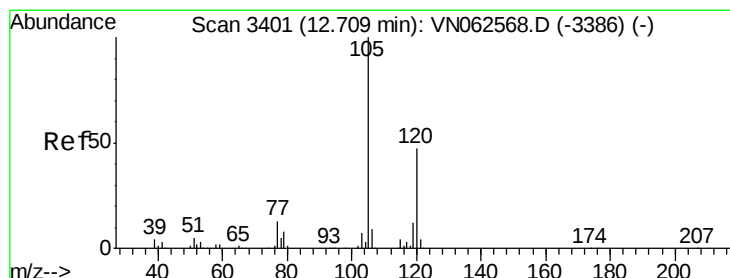
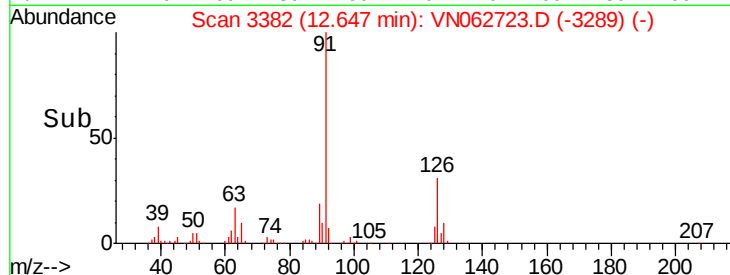
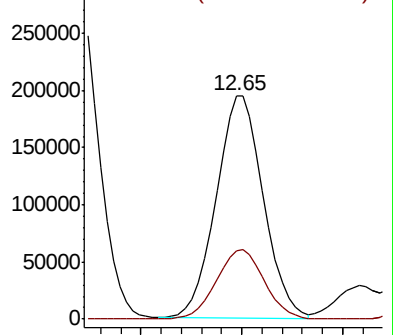
Ion Ratio Lower Upper

91 100

126 31.8 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VN062568.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.779 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062723.D

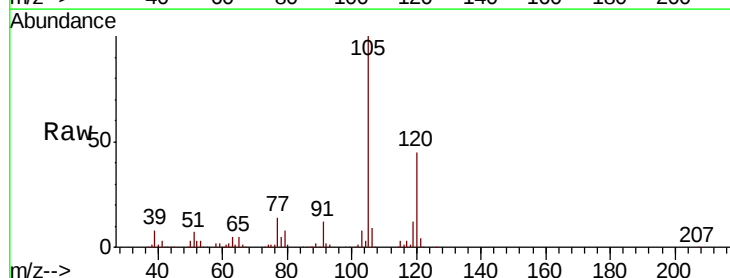
Acq: 1 Aug 2020 7:13

Tgt Ion:105 Resp: 396299

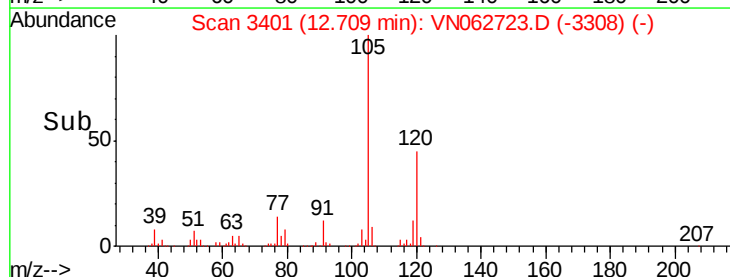
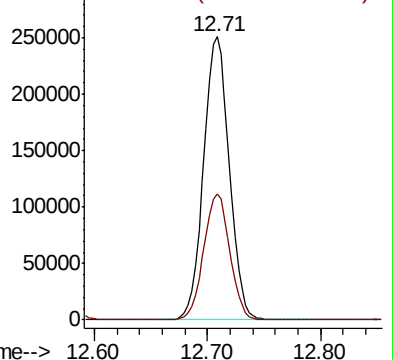
Ion Ratio Lower Upper

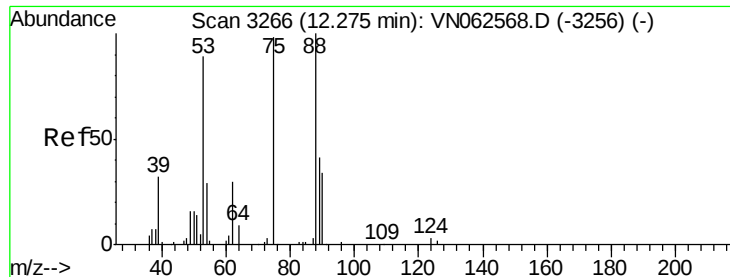
105 100

120 45.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062568.D (-3386) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 41.052 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

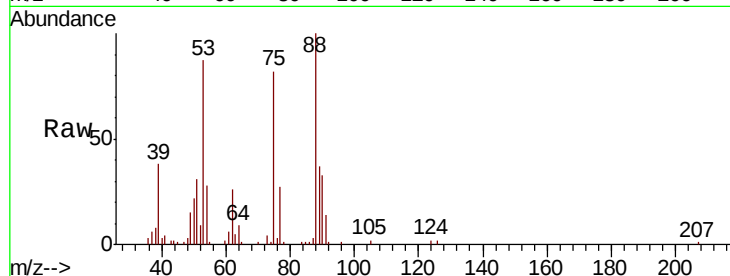
Tot Ion: 75 Resp: 44664

Ion Ratio Lower Upper

75 100

53 104.6 75.4 113.0

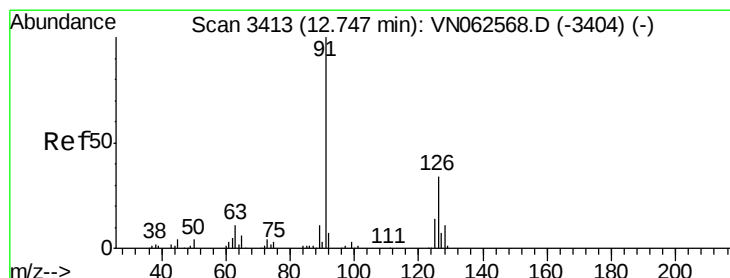
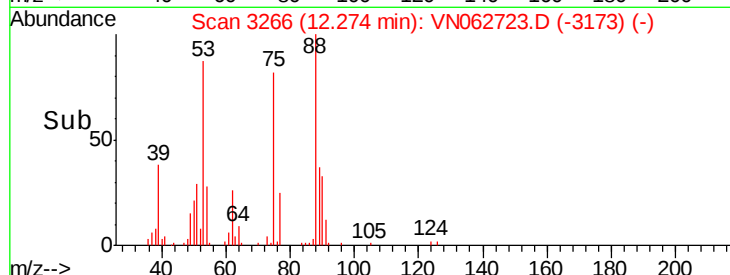
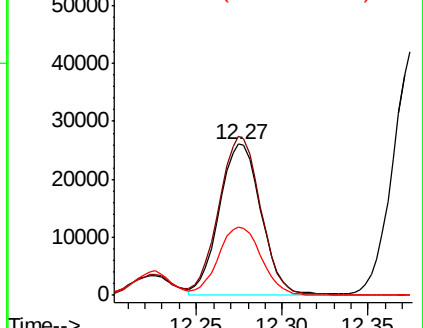
89 46.1 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 47.667 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062723.D

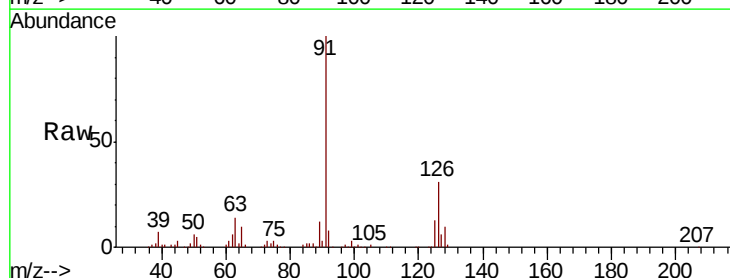
Acq: 1 Aug 2020 7:13

Tgt Ion: 91 Resp: 336982

Ion Ratio Lower Upper

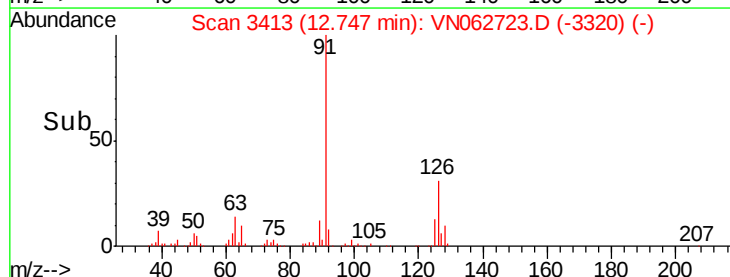
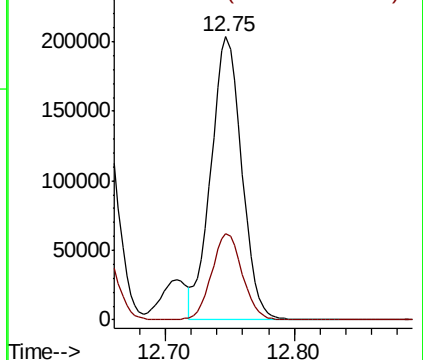
91 100

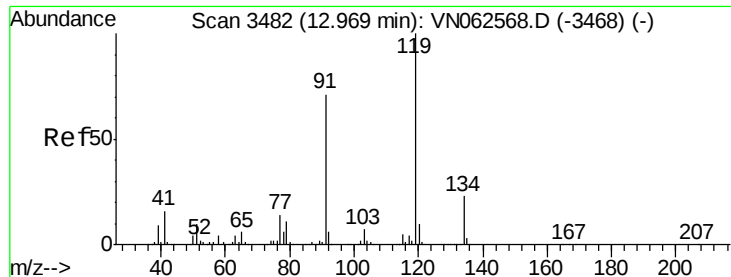
126 30.3 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

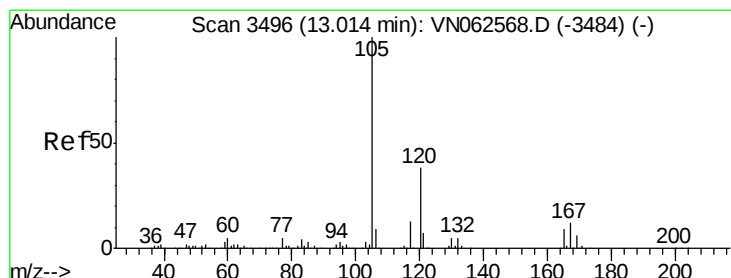
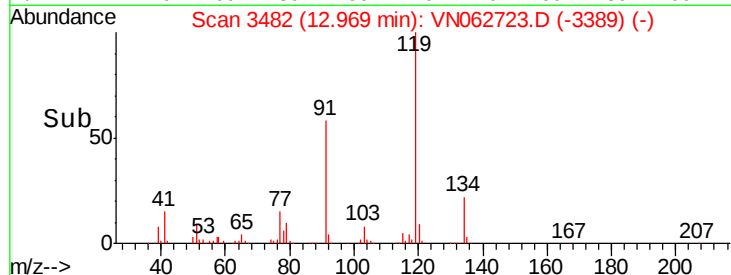
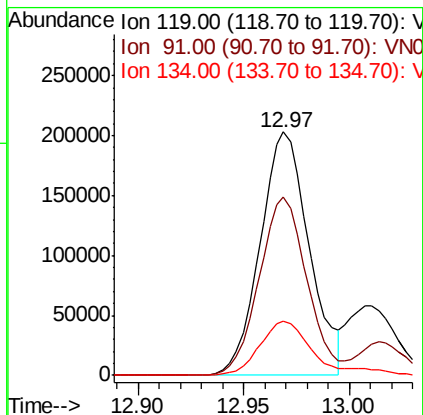
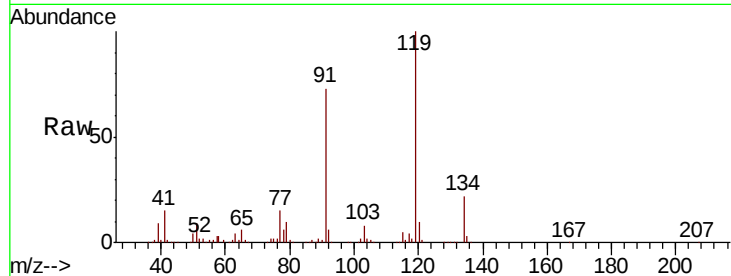




#83
tert-Butylbenzene
Concen: 50.646 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

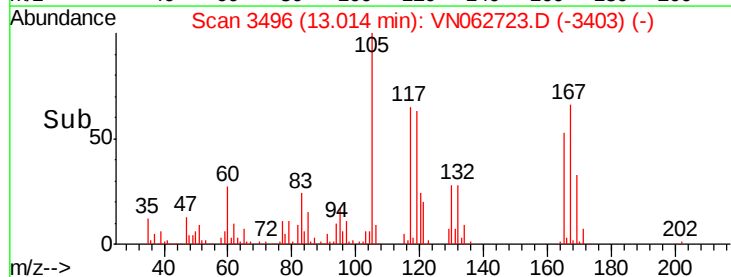
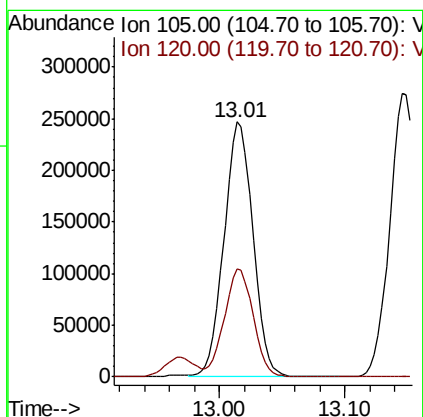
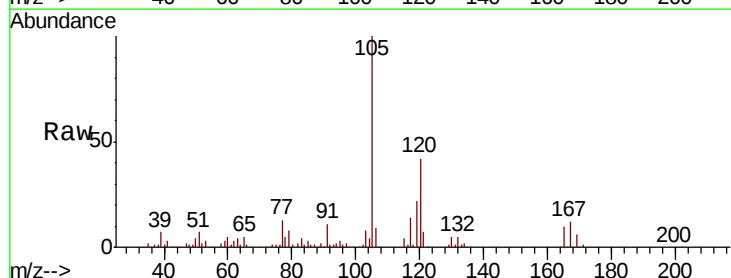
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

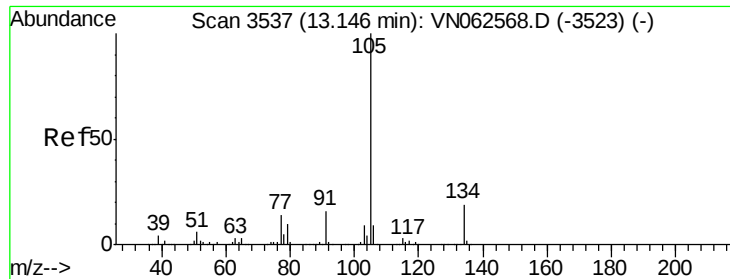
Tot Ion:119 Resp: 328208
Ion Ratio Lower Upper
119 100
91 71.6 34.6 103.8
134 24.5 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 51.716 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion:105 Resp: 395942
Ion Ratio Lower Upper
105 100
120 42.0 22.1 66.3





#85

sec-Butylbenzene

Concen: 50.302 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

Instrument :

MSVOA_N

ClientSampleId :

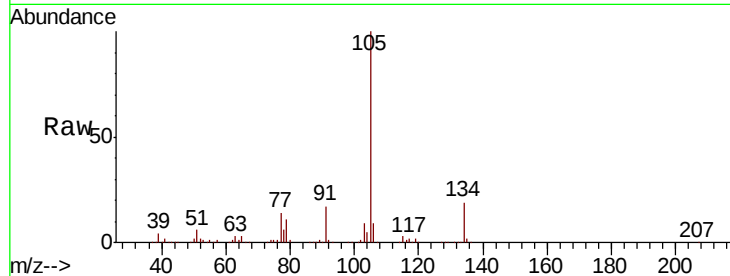
VSTDCCC050EC

Tot Ion:105 Resp: 436418

Ion Ratio Lower Upper

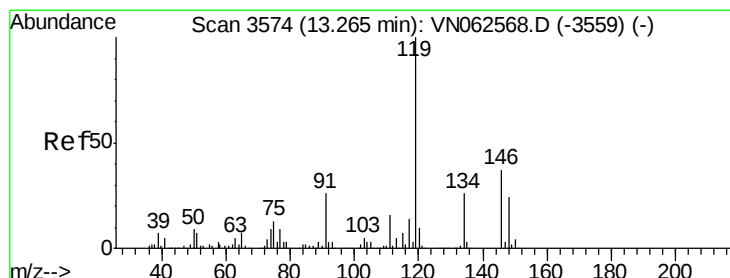
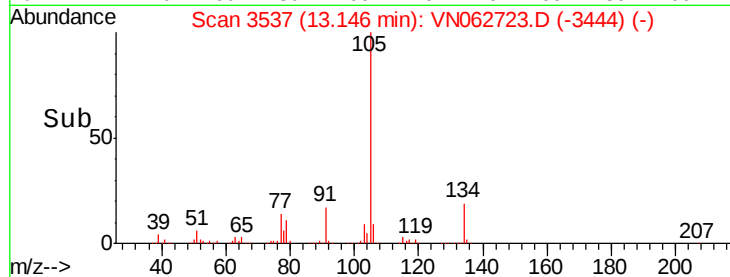
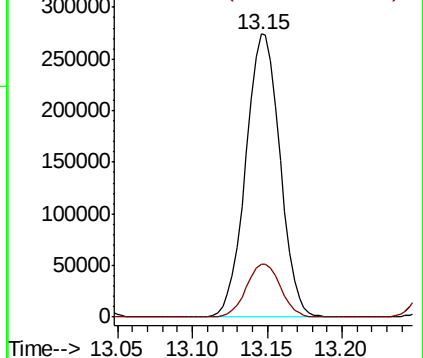
105 100

134 18.8 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.055 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062723.D

Acq: 1 Aug 2020 7:13

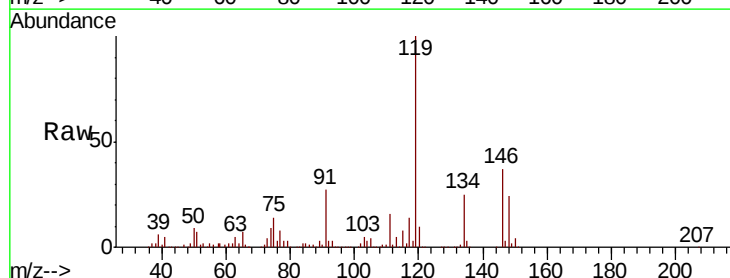
Tgt Ion:119 Resp: 388436

Ion Ratio Lower Upper

119 100

134 24.9 12.8 38.4

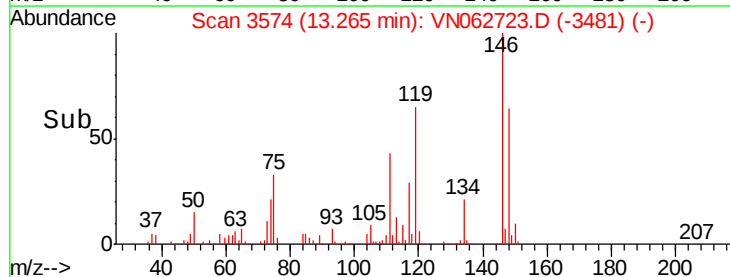
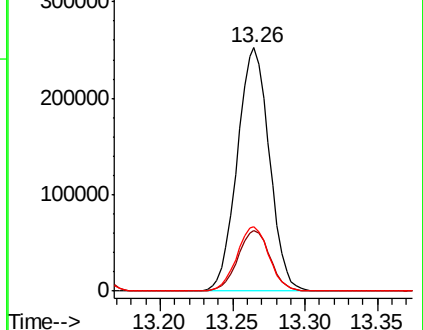
91 26.5 12.7 38.1

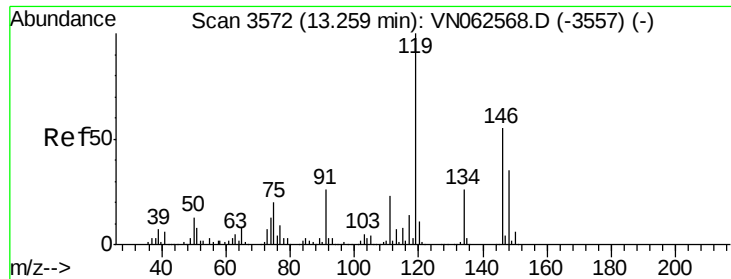


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

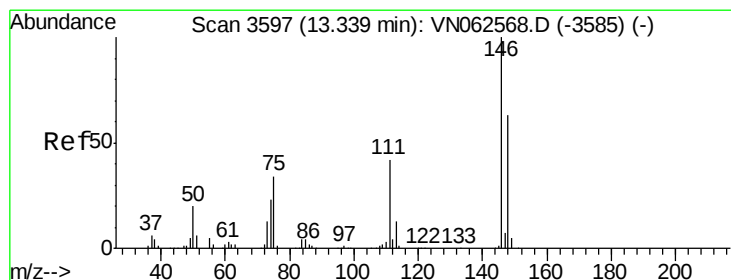
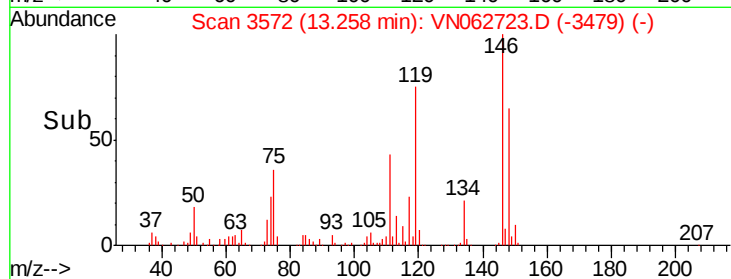
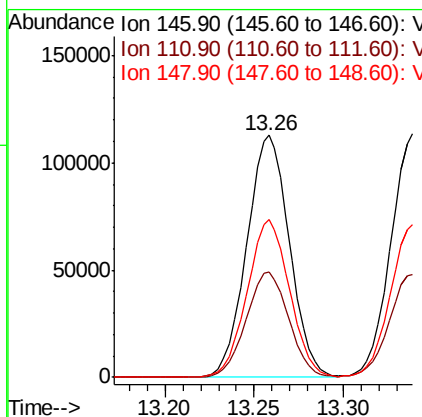
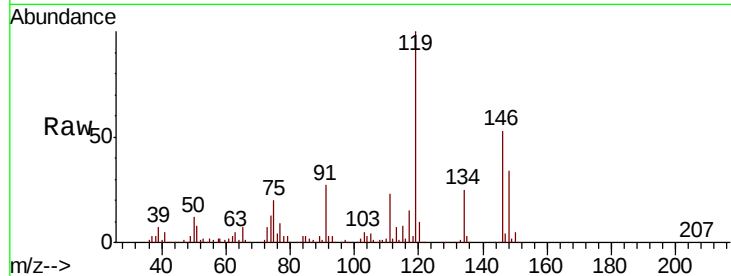




#87
 1,3-Dichlorobenzene
 Concen: 47.578 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

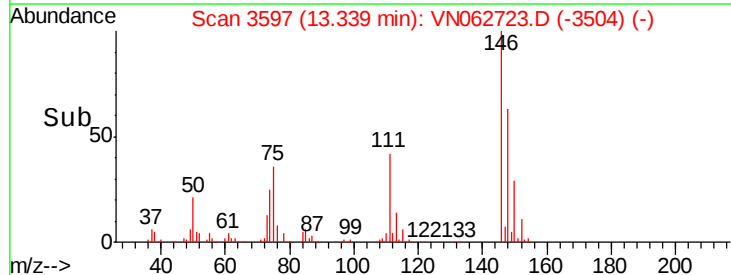
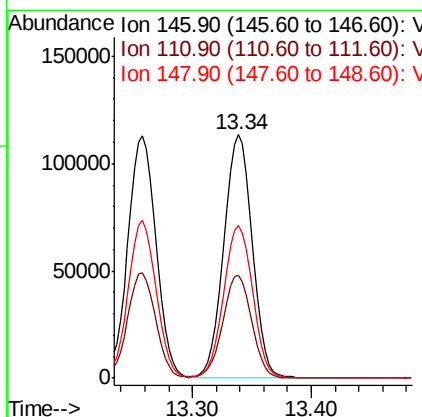
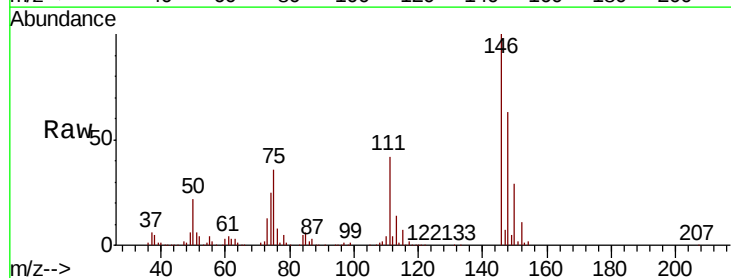
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 188780
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.6 64.6
 148 64.7 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 48.232 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Tgt Ion:146 Resp: 188392
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.1 63.1
 148 63.9 31.6 94.8

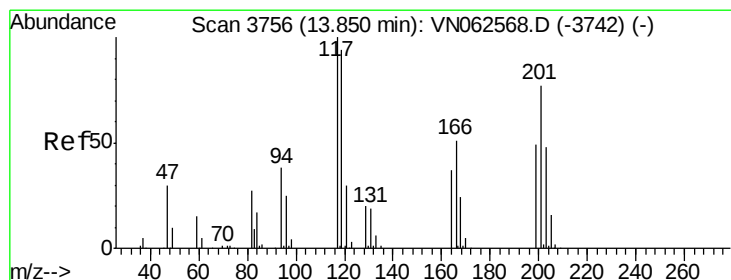
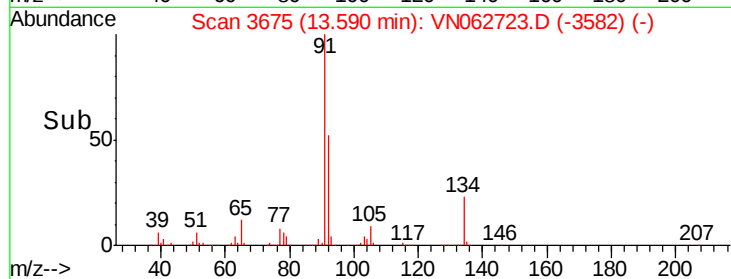
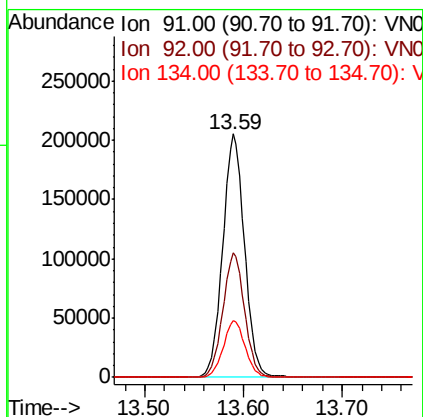
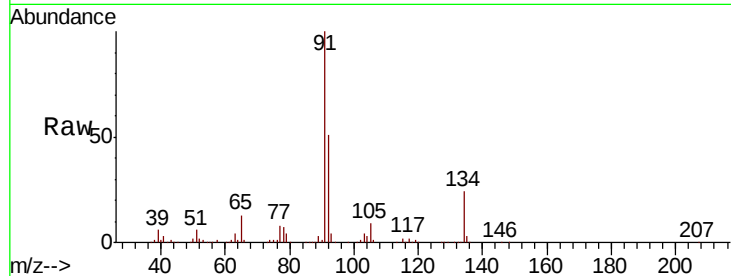




#89
n-Butylbenzene
Concen: 49.815 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

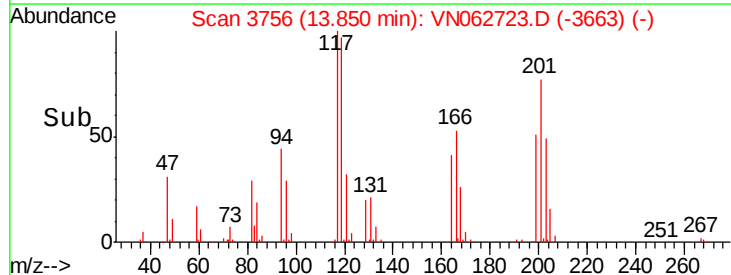
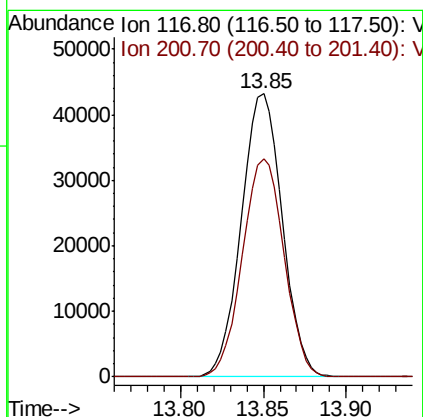
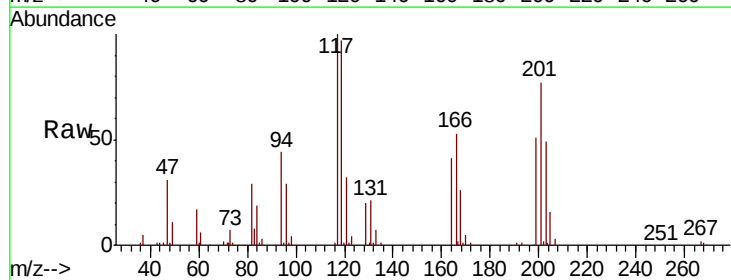
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

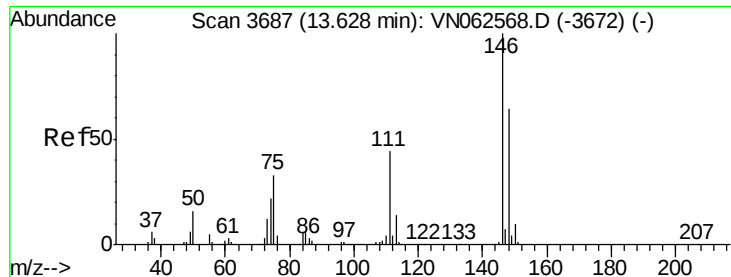
Tot Ion: 91 Resp: 319395
Ion Ratio Lower Upper
91 100
92 51.0 25.8 77.3
134 23.5 11.8 35.3



#90
Hexachloroethane
Concen: 46.810 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion: 117 Resp: 74358
Ion Ratio Lower Upper
117 100
201 78.2 39.2 117.6

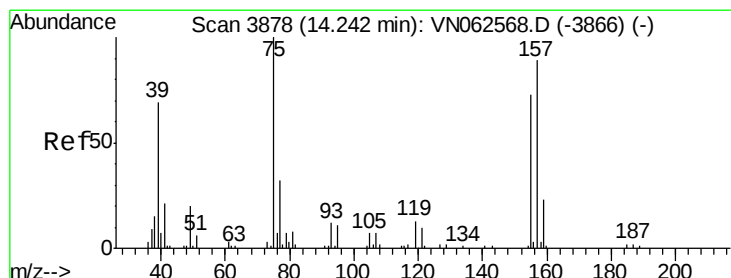
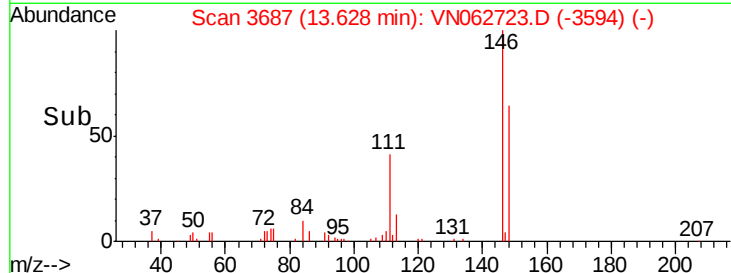
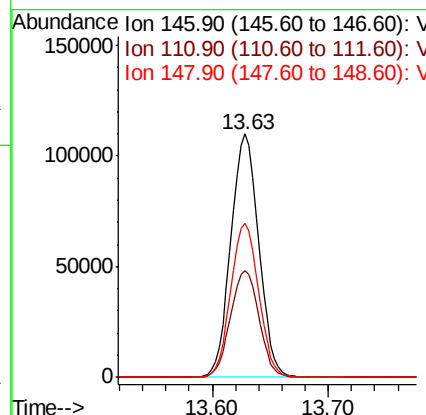
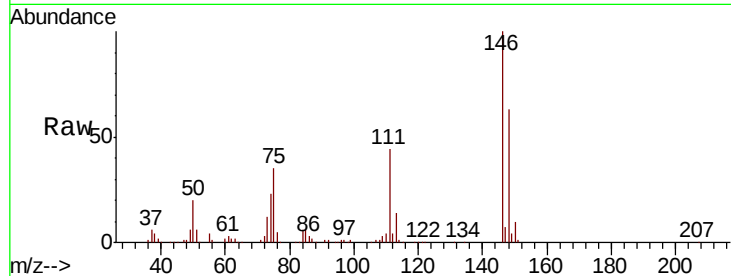




#91
 1,2-Dichlorobenzene
 Concen: 48.161 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

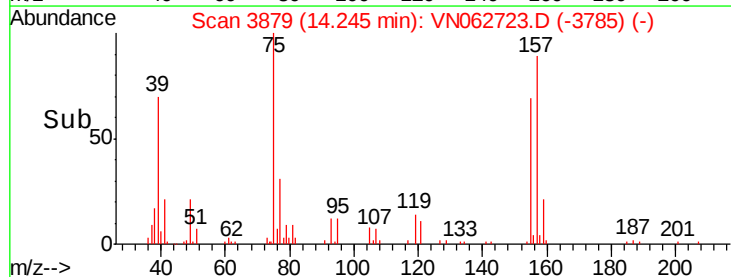
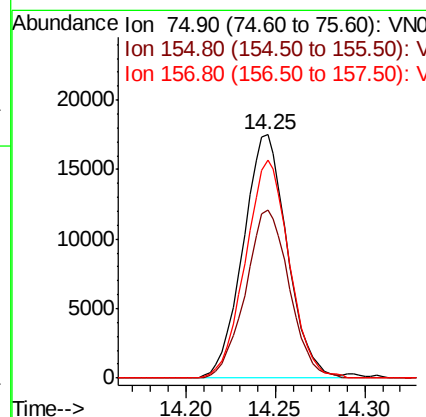
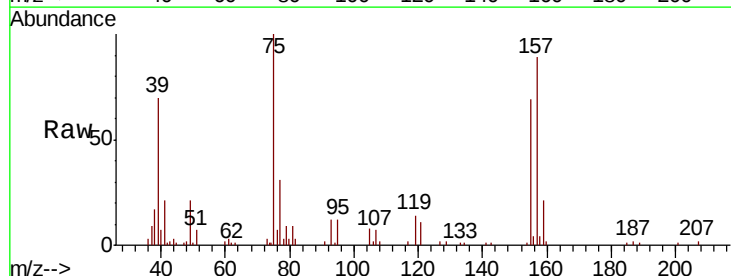
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

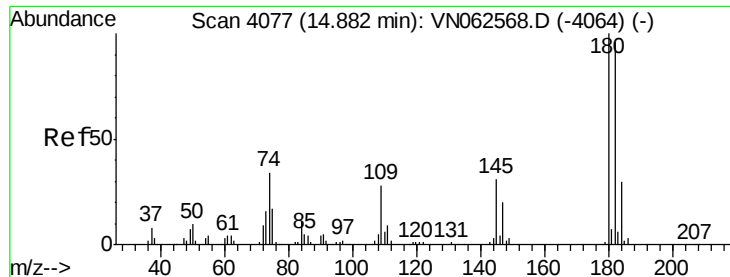
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	21.9	65.8
148	63.3	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.058 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.3	35.9	107.5
157	88.6	45.0	135.0

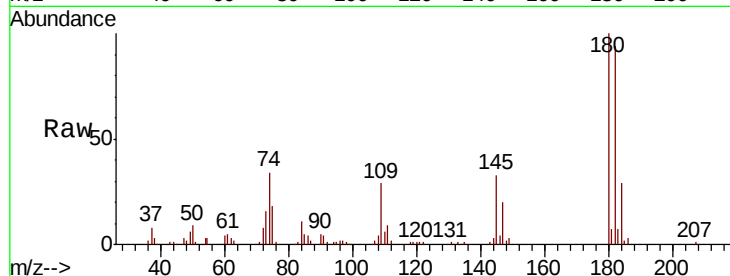




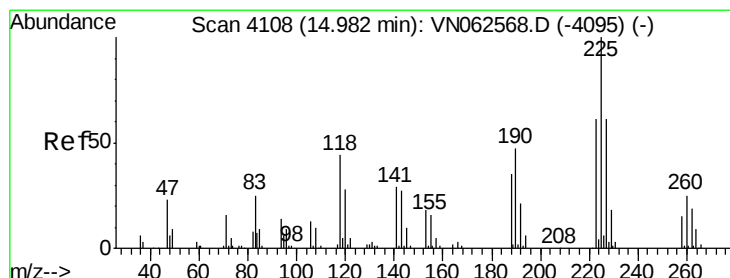
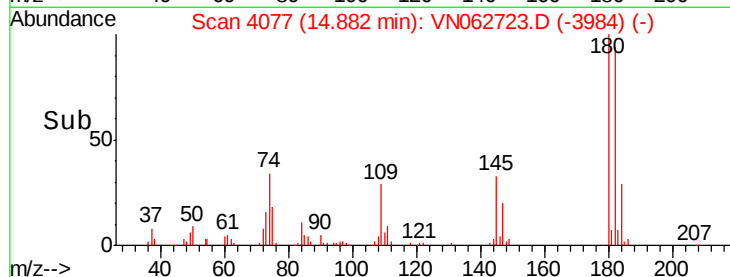
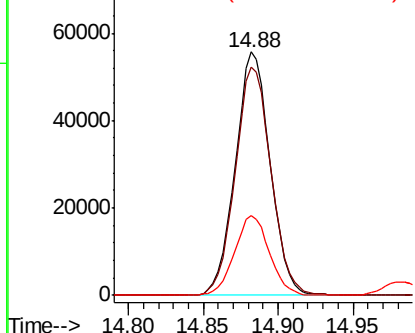
#93
 1,2,4-Trichlorobenzene
 Concen: 45.573 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 90327
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.8 143.3
 145 32.5 15.3 45.9

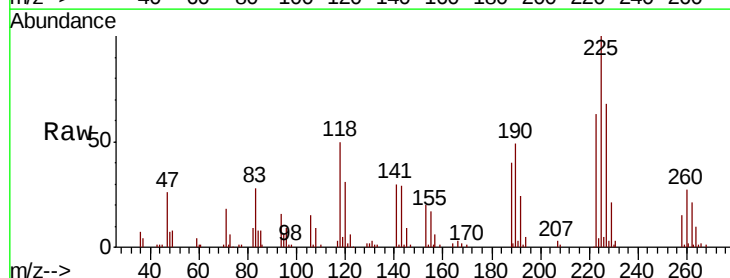


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

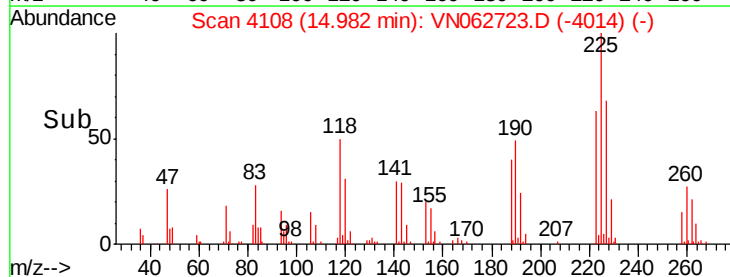
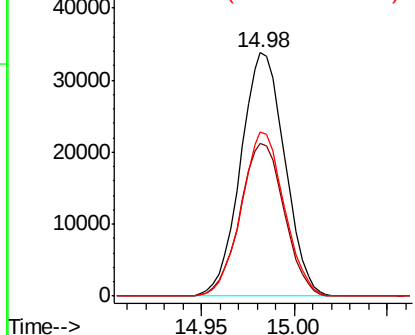


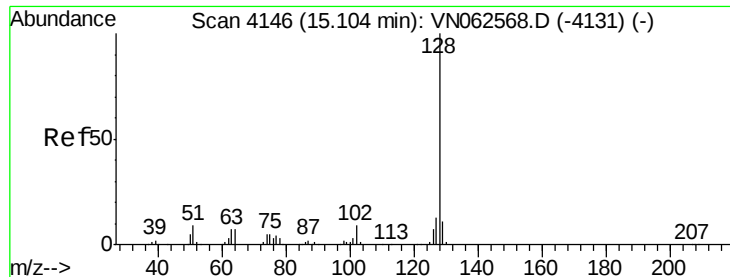
#94
 Hexachlorobutadiene
 Concen: 54.415 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062723.D
 Acq: 1 Aug 2020 7:13

Tgt Ion:225 Resp: 55811
 Ion Ratio Lower Upper
 225 100
 223 62.6 32.0 96.0
 227 65.5 31.1 93.2



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

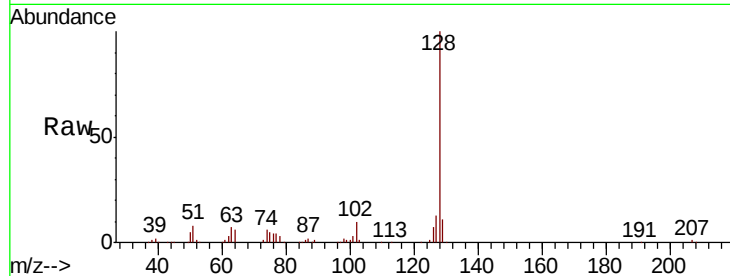




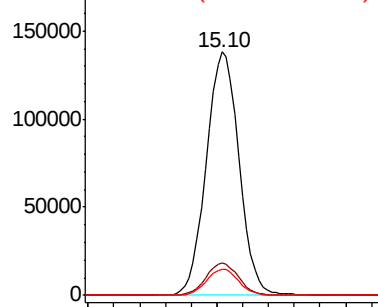
#95
Naphthalene
Concen: 46.375 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

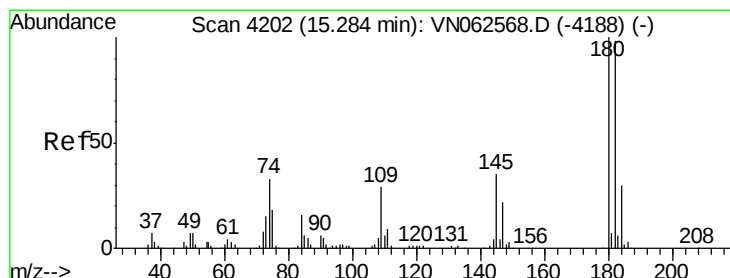
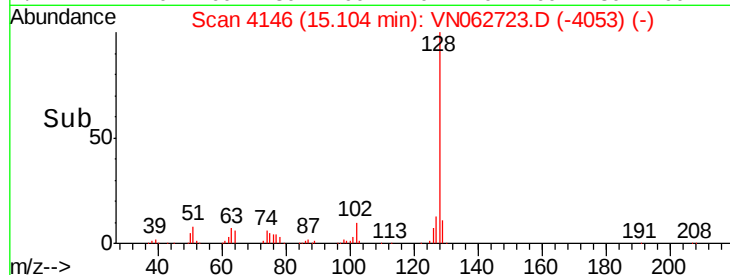
Tot Ion:128 Resp: 243836
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.5 8.7 13.1



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

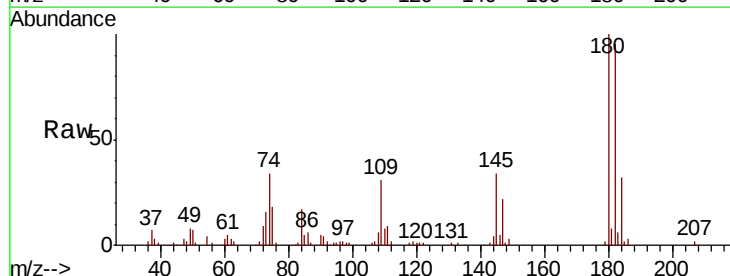


Time--> 15.00 15.10 15.20

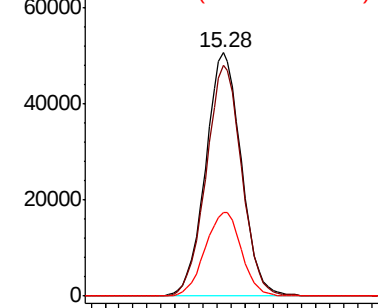


#96
1,2,3-Trichlorobenzene
Concen: 50.089 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062723.D
Acq: 1 Aug 2020 7:13

Tgt Ion:180 Resp: 89556
Ion Ratio Lower Upper
180 100
182 94.7 48.1 144.3
145 35.0 16.7 50.1



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



Time--> 15.20 15.25 15.30 15.35

