

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081720\
 Data File : VN062973.D
 Acq On : 17 Aug 2020 15:26
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 17 15:49:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 14:58:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	269922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	396894	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	388679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	211573	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	467108	112.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	225.38%	
35) Dibromofluoromethane	7.55	113	404440	150.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.90%	
50) Toluene-d8	10.06	98	1596778	151.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	303.96%	
62) 4-Bromofluorobenzene	12.38	95	616437	157.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	430477	115.376	ug/l	100
3) Chloromethane	2.03	50	411639	115.877	ug/l	100
4) Vinyl Chloride	2.16	62	472506	134.525	ug/l	99
5) Bromomethane	2.49	94	314585	135.039	ug/l	98
6) Chloroethane	2.64	64	328588	142.647	ug/l	95
7) Trichlorofluoromethane	2.97	101	664462	111.082	ug/l	99
8) Diethyl Ether	3.37	74	238779	140.508	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.71	101	344902	129.163	ug/l	96
10) Methyl Iodide	3.91	142	495969	166.208	ug/l	99
11) Tert butyl alcohol	4.75	59	401623	597.556	ug/l	99
12) 1,1-Dichloroethene	3.69	96	333234	131.533	ug/l	92
13) Acrolein	3.56	56	227427	545.238	ug/l	99
14) Allyl chloride	4.27	41	631795	138.448	ug/l	95
15) Acrylonitrile	4.93	53	1174699	720.527	ug/l	99
16) Acetone	3.78	43	902097	594.129	ug/l	96
17) Carbon Disulfide	4.00	76	937056	125.583	ug/l	99
18) Methyl Acetate	4.27	43	511594	125.103	ug/l	93
19) Methyl tert-butyl Ether	4.99	73	1303053	130.644	ug/l	99
20) Methylene Chloride	4.50	84	417523	129.034	ug/l	93
21) trans-1,2-Dichloroethene	4.98	96	362258	136.059	ug/l	96
22) Diisopropyl ether	5.90	45	1424982	147.418	ug/l	95
23) Vinyl Acetate	5.84	43	4959186	678.386	ug/l	97
24) 1,1-Dichloroethane	5.80	63	741178	130.072	ug/l	100
25) 2-Butanone	6.79	43	1506503	704.150	ug/l	94
26) 2,2-Dichloropropane	6.77	77	582929	113.515	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	448677	141.188	ug/l	93
28) Bromochloromethane	7.15	49	398199	144.513	ug/l	84
29) Tetrahydrofuran	7.17	42	992752	712.612	ug/l	93
30) Chloroform	7.33	83	749021	124.732	ug/l	99
31) Cyclohexane	7.61	56	748943	144.163	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	619985	117.059	ug/l	98
36) 1,1-Dichloropropene	7.75	75	544535	144.770	ug/l	97
37) Ethyl Acetate	6.88	43	554749	143.710	ug/l	97
38) Carbon Tetrachloride	7.73	117	536824	121.007	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081720\
 Data File : VN062973.D
 Acq On : 17 Aug 2020 15:26
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 17 15:49:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 14:58:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	750746	162.108	ug/l	97
40) Benzene	8.00	78	1667948	146.020	ug/l	99
41) Methacrylonitrile	7.13	41	273268	160.723	ug/l #	82
42) 1,2-Dichloroethane	8.08	62	545998	117.032	ug/l	98
43) Isopropyl Acetate	8.13	43	895755	139.368	ug/l #	88
44) Trichloroethene	8.80	130	417465	147.539	ug/l	97
45) 1,2-Dichloropropane	9.08	63	468611	152.800	ug/l	99
46) Dibromomethane	9.17	93	284774	141.574	ug/l	94
47) Bromodichloromethane	9.37	83	605088	136.121	ug/l	98
48) Methyl methacrylate	9.17	41	449083	142.512	ug/l	93
49) 1,4-Dioxane	9.17	88	180814	3058.555	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	3033222	730.643	ug/l	99
52) Toluene	10.12	92	1077496	152.500	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	698568	143.447	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	743876	149.710	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	442416	146.214	ug/l	96
56) Ethyl methacrylate	10.40	69	742762	167.518	ug/l	97
57) 1,3-Dichloropropane	10.68	76	741835	146.702	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	923134	752.282	ug/l	94
59) 2-Hexanone	10.72	43	2283481	741.248	ug/l	99
60) Dibromochloromethane	10.88	129	499130	145.722	ug/l	99
61) 1,2-Dibromoethane	10.98	107	456714	153.183	ug/l	98
64) Tetrachloroethene	10.60	164	377110	148.325	ug/l	99
65) Chlorobenzene	11.41	112	1186513	146.674	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	454440	140.971	ug/l	99
67) Ethyl Benzene	11.48	91	2140774	149.964	ug/l	99
68) m/p-Xylenes	11.60	106	1642657	313.887	ug/l	100
69) o-Xylene	11.92	106	802465	163.993	ug/l	99
70) Styrene	11.94	104	1445667	168.184	ug/l	98
71) Bromoform	12.10	173	415233	155.920	ug/l #	99
73) Isopropylbenzene	12.22	105	2142858	137.379	ug/l	100
74) N-amyl acetate	12.05	43	900547	148.056	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	705824	128.664	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	915735	167.186	ug/l #	100
77) Bromobenzene	12.50	156	580048	145.856	ug/l	92
78) n-propylbenzene	12.57	91	2552476	139.881	ug/l	98
79) 2-Chlorotoluene	12.65	91	1524362	133.856	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	1906498	141.148	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	259239	145.654	ug/l	99
82) 4-Chlorotoluene	12.75	91	1629660	138.555	ug/l	97
83) tert-Butylbenzene	12.97	119	1633517	142.251	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	1935420	149.681	ug/l	99
85) sec-Butylbenzene	13.15	105	2206967	146.548	ug/l	99
86) p-Isopropyltoluene	13.26	119	2039710	152.410	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1062249	150.740	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	1058866	149.322	ug/l	100
89) n-Butylbenzene	13.59	91	1832248	162.998	ug/l	99
90) Hexachloroethane	13.85	117	373546	130.464	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	1007760	152.016	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	138730	122.538	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081720\
Data File : VN062973.D
Acq On : 17 Aug 2020 15:26
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Quant Time: Aug 17 15:49:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 17 14:58:09 2020
Response via : Initial Calibration

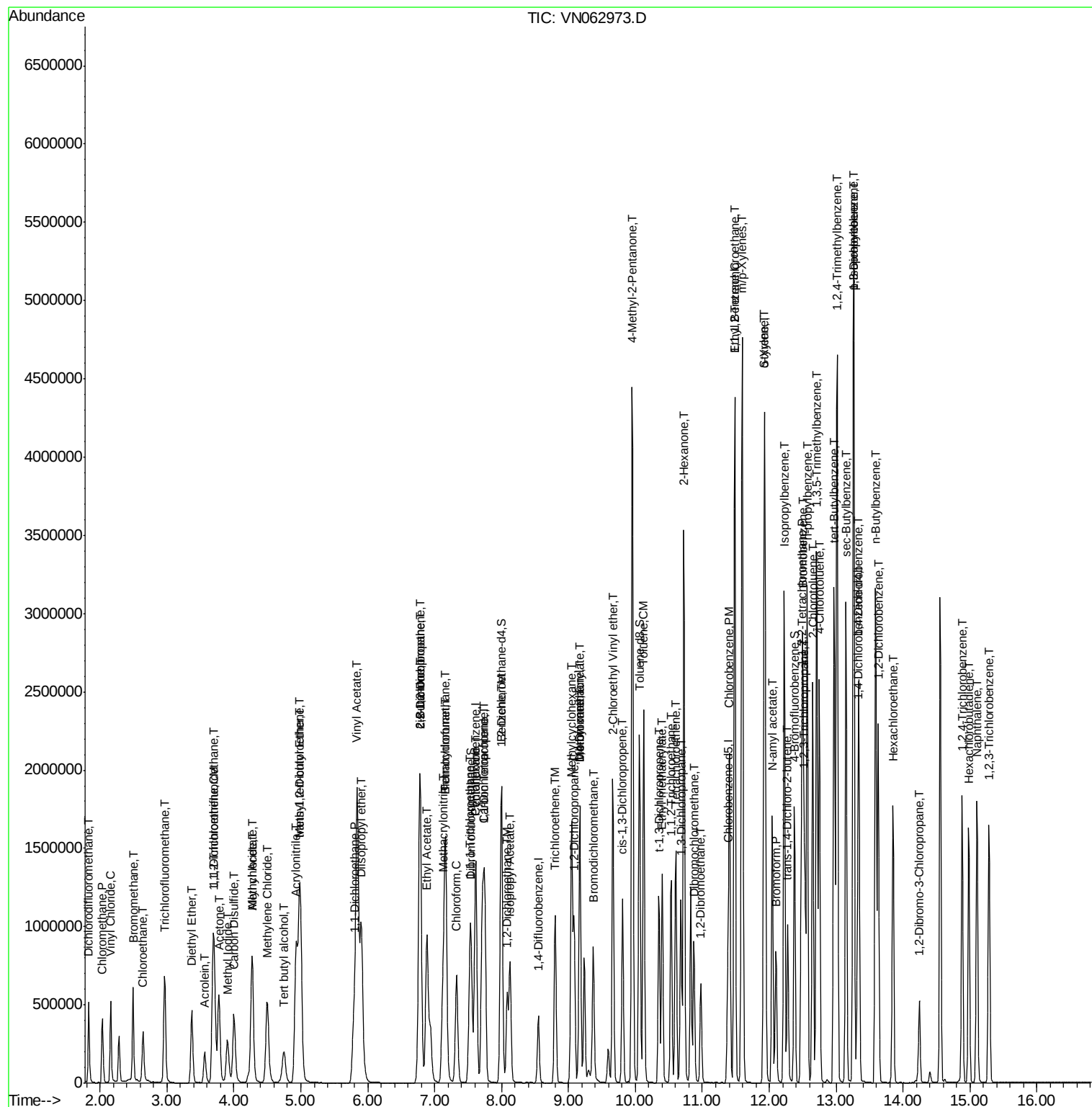
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	630335	200.837	ug/l	100
94) Hexachlorobutadiene	14.98	225	354718	150.725	ug/l	99
95) Naphthalene	15.10	128	1584242	196.667	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	613544	201.962	ug/l	97

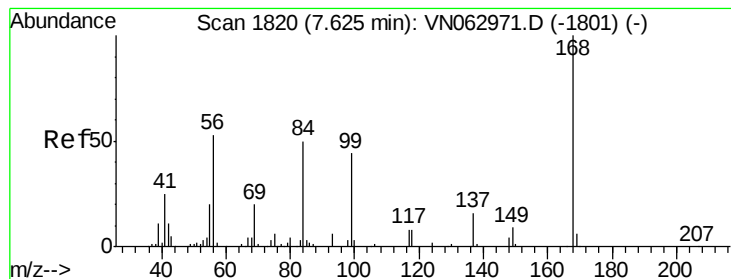
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081720\
Data File : VN062973.D
Acq On : 17 Aug 2020 15:26
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Quant Time: Aug 17 15:49:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 17 14:58:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

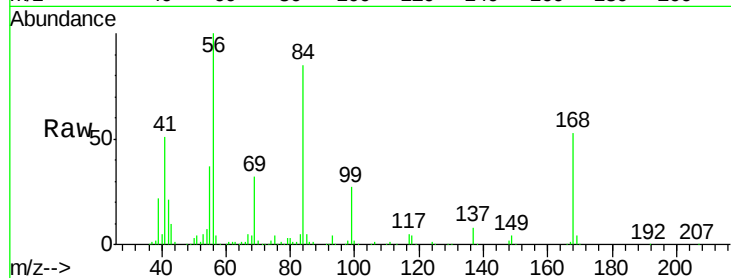
VSTDIC150

Tgt Ion: 168 Resp: 269922

Ion Ratio Lower Upper

168 100

99 50.8 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

150000

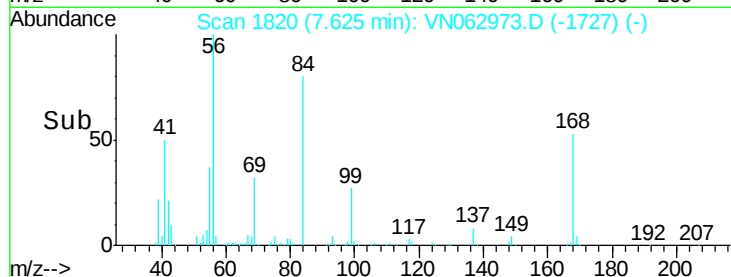
100000

50000

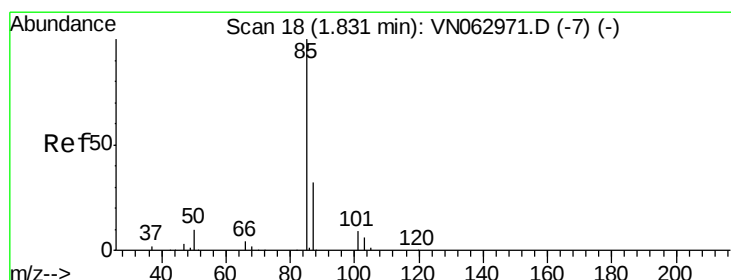
0

7.50 7.60 7.70

7.63



Time-->



#2

Dichlorodifluoromethane

Concen: 115.376 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062973.D

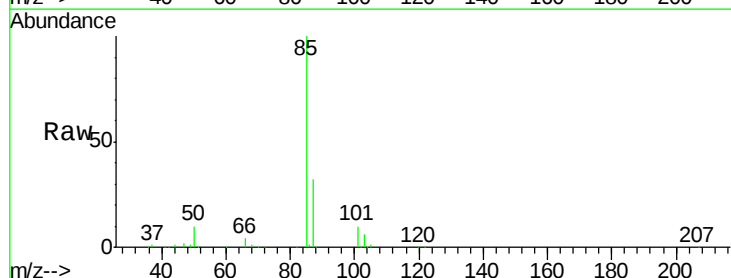
Acq: 17 Aug 2020 15:26

Tgt Ion: 85 Resp: 430477

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

300000

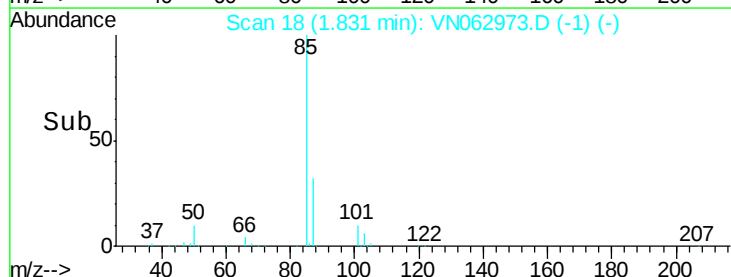
200000

100000

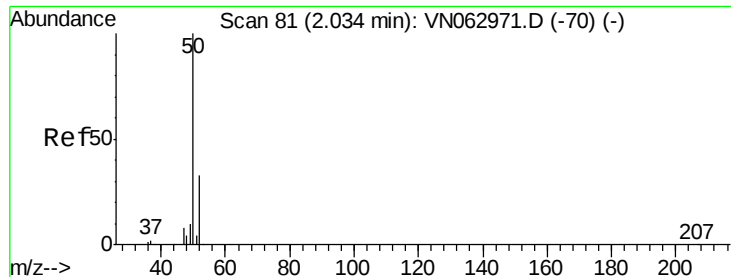
0

1.75 1.80 1.85 1.90 1.95

1.83



Time-->



#3

Chloromethane

Concen: 115.877 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

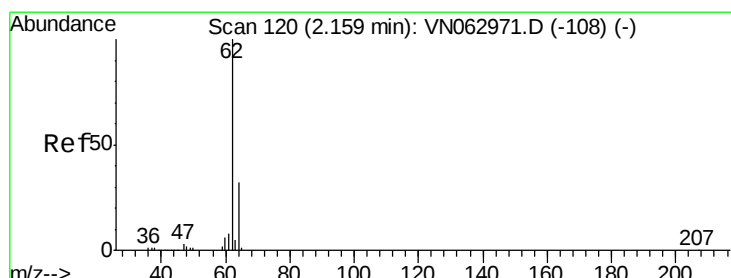
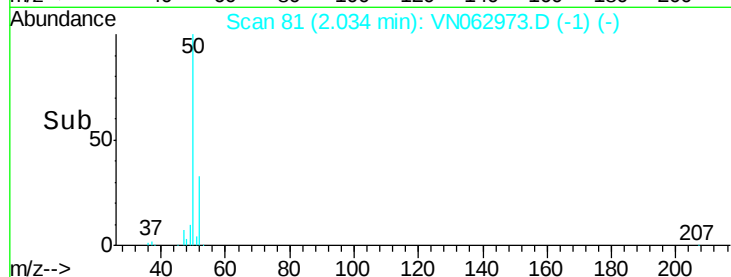
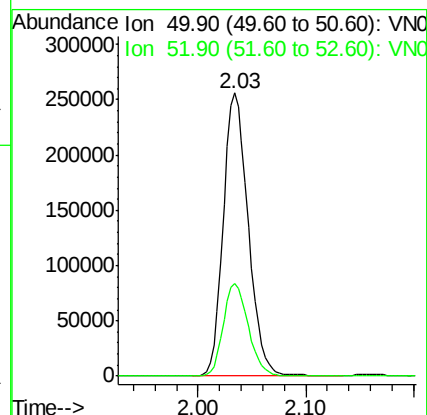
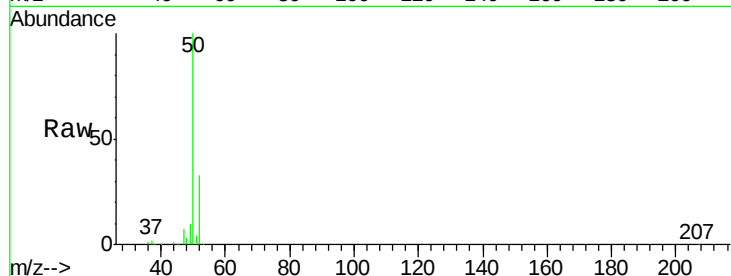
VSTDIC150

Tgt Ion: 50 Resp: 411639

Ion Ratio Lower Upper

50 100

52 32.6 26.2 39.2



#4

Vinyl Chloride

Concen: 134.525 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062973.D

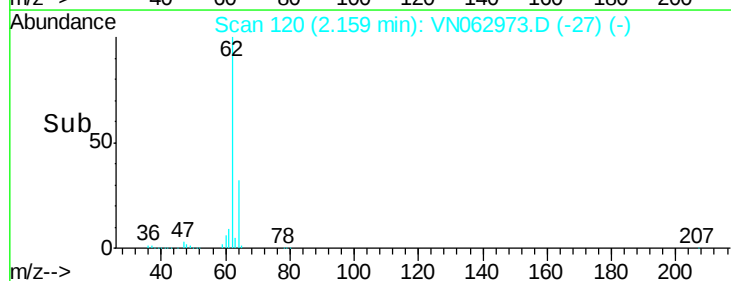
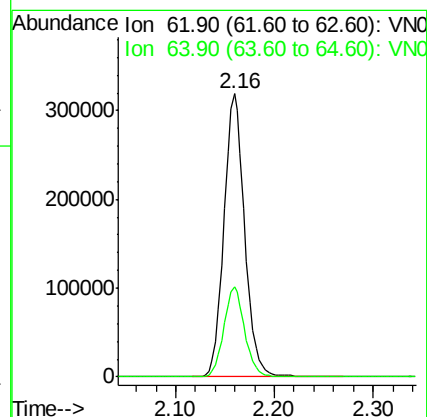
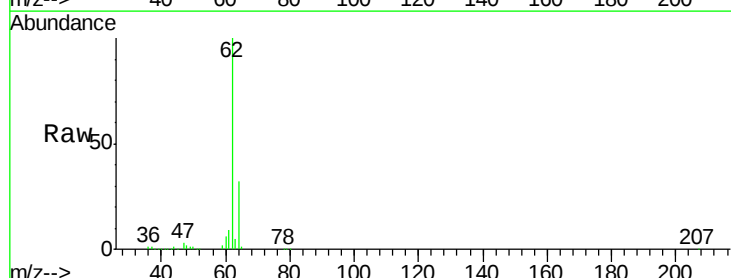
Acq: 17 Aug 2020 15:26

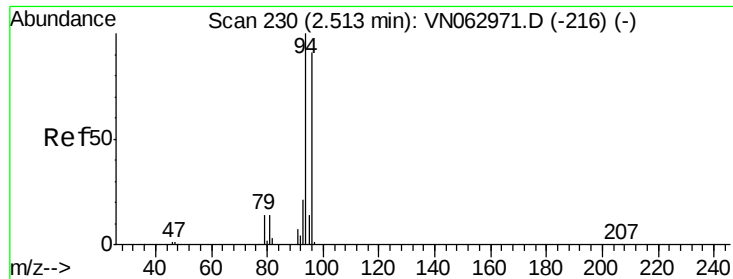
Tgt Ion: 62 Resp: 472506

Ion Ratio Lower Upper

62 100

64 31.8 25.9 38.9





#5

Bromomethane

Concen: 135.039 ug/l

RT: 2.49 min Scan# 224

Delta R.T. -0.02 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

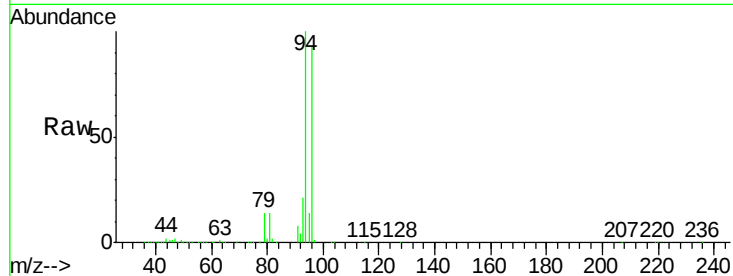
VSTDIC150

Tgt Ion: 94 Resp: 314585

Ion Ratio Lower Upper

94 100

96 93.0 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.49

200000

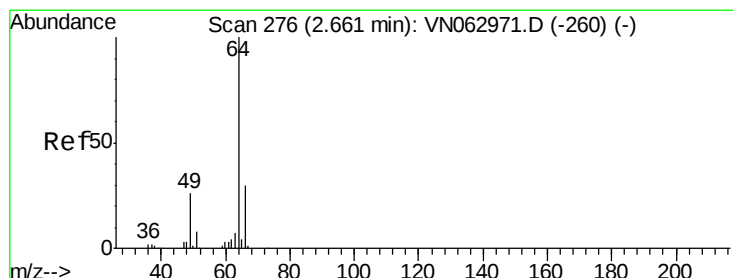
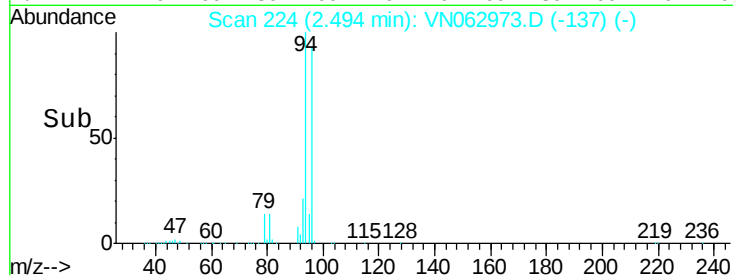
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 142.647 ug/l

RT: 2.64 min Scan# 270

Delta R.T. -0.02 min

Lab File: VN062973.D

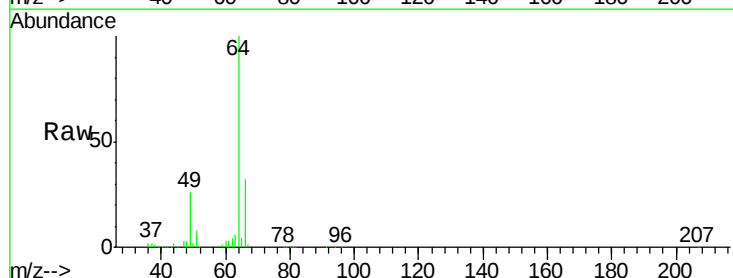
Acq: 17 Aug 2020 15:26

Tgt Ion: 64 Resp: 328588

Ion Ratio Lower Upper

64 100

66 32.4 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.64

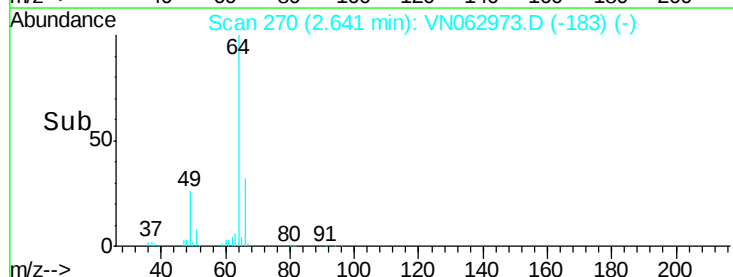
150000

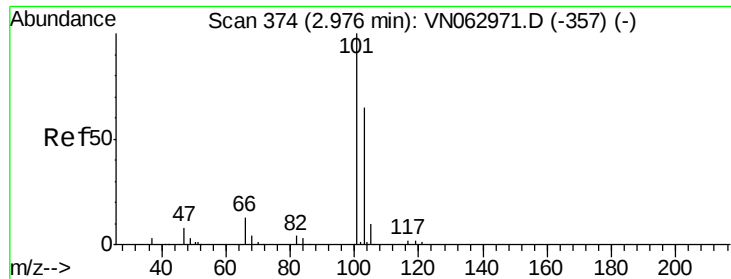
100000

50000

0

Time-->



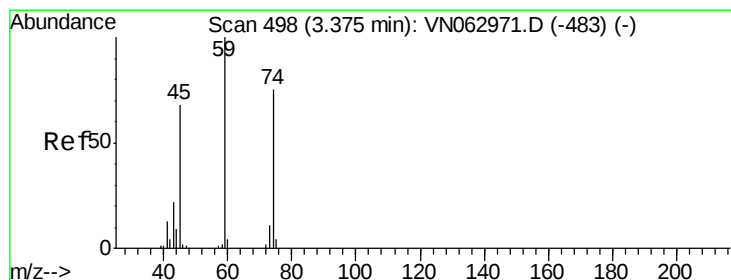
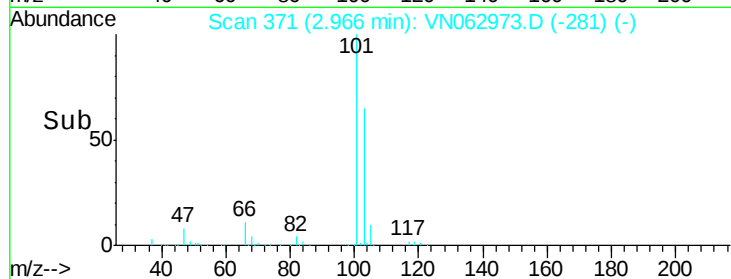
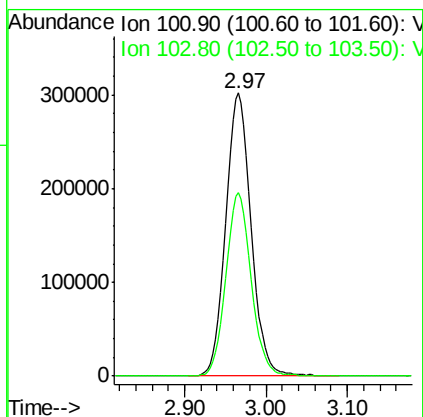
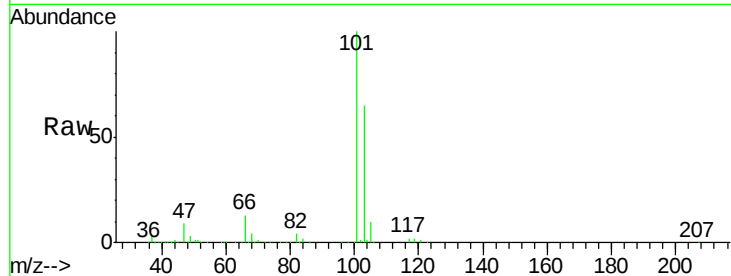


#7

Trichlorofluoromethane
 Concen: 111.082 ug/l
 RT: 2.97 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

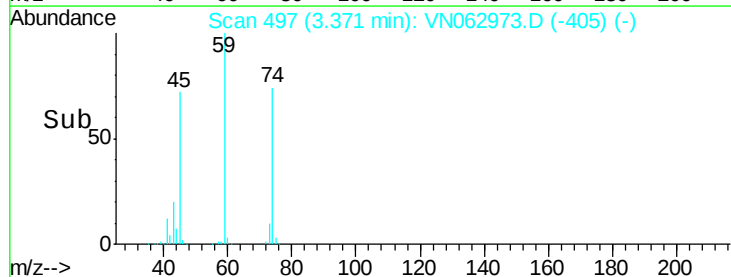
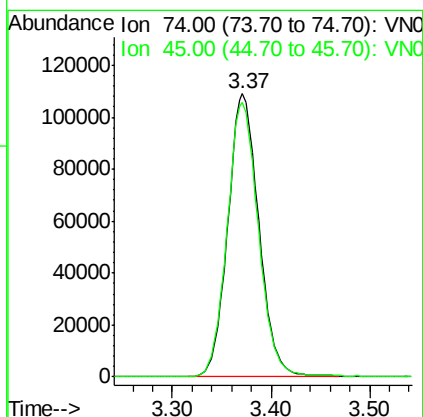
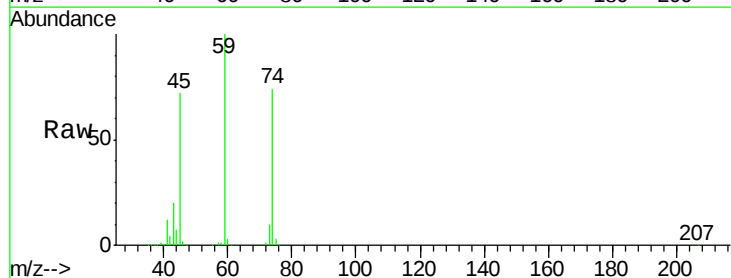
Tgt Ion:101 Resp: 664462
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.2 78.4

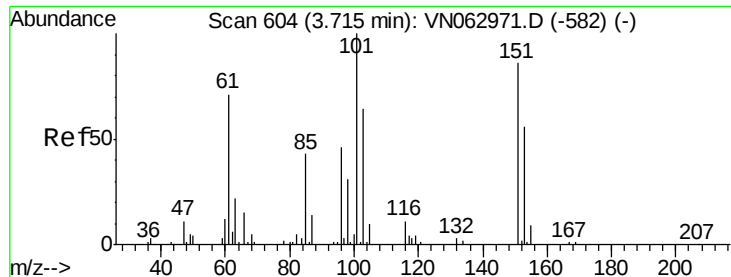


#8

Diethyl Ether
 Concen: 140.508 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

Tgt Ion: 74 Resp: 238779
 Ion Ratio Lower Upper
 74 100
 45 98.1 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 129.163 ug/l

RT: 3.71 min Scan# 602

Delta R.T. -0.01 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

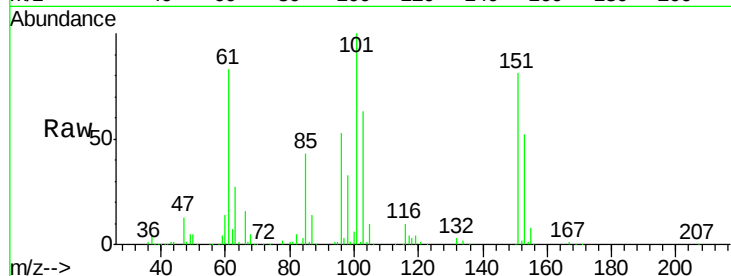
Tgt Ion:101 Resp: 344902

Ion Ratio Lower Upper

101 100

85 43.1 34.1 51.1

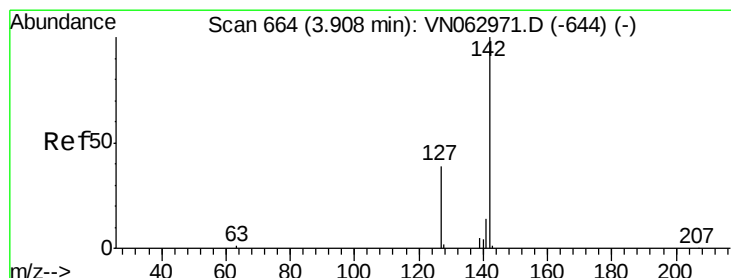
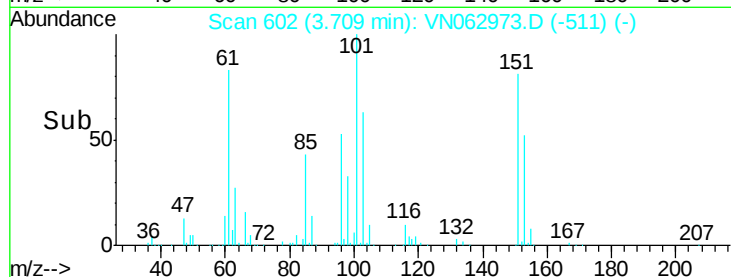
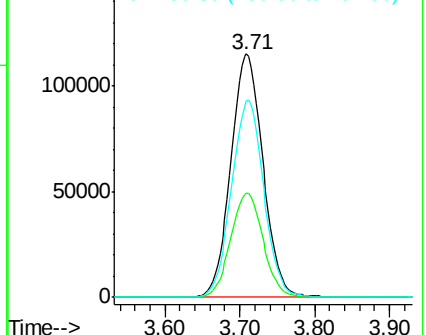
151 81.2 69.3 103.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 166.208 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

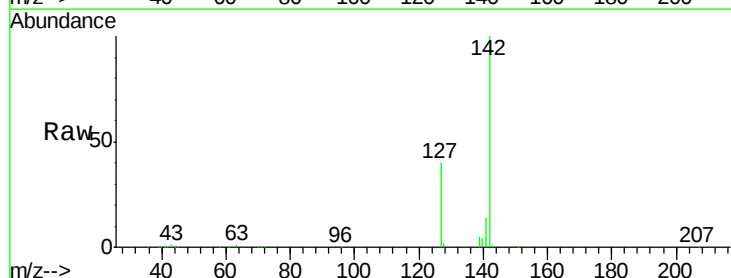
Tgt Ion:142 Resp: 495969

Ion Ratio Lower Upper

142 100

127 40.4 31.9 47.9

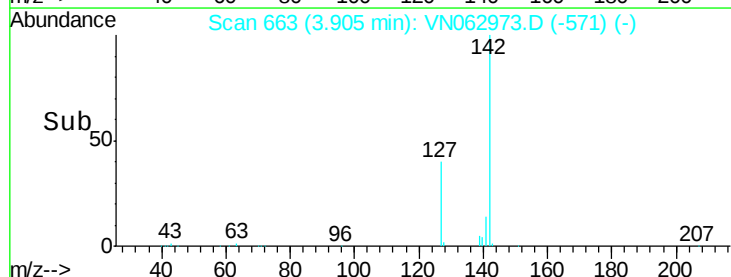
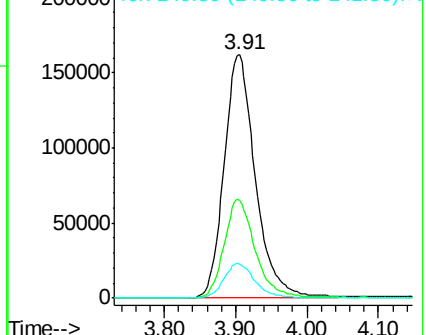
141 14.1 11.4 17.2

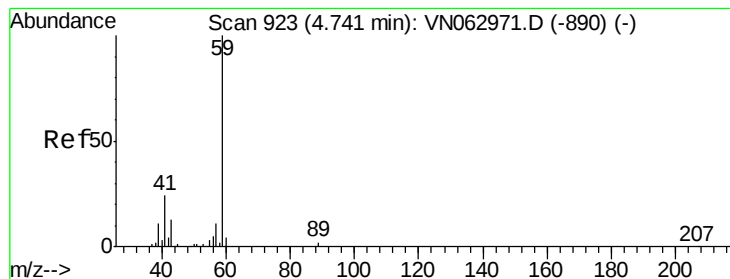


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



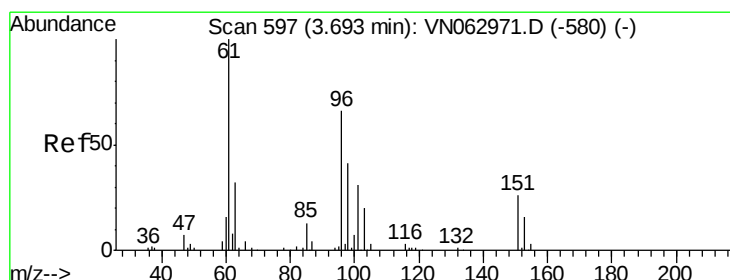
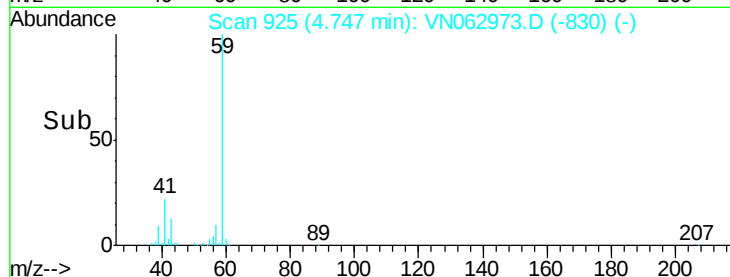
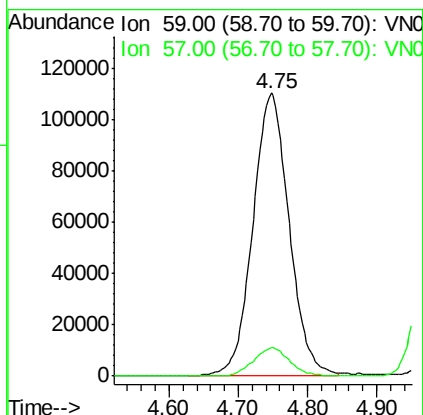
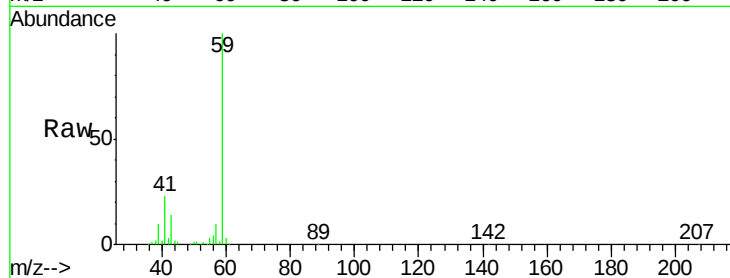


#11

Tert butyl alcohol
 Concen: 597.556 ug/l
 RT: 4.75 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

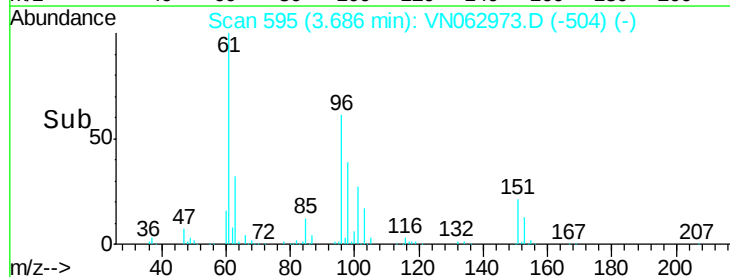
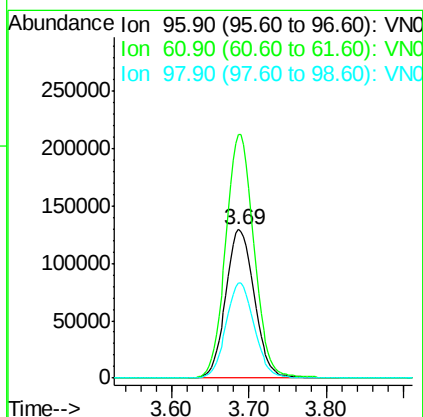
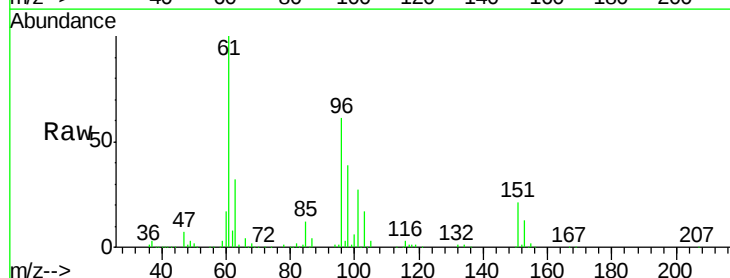
Tgt Ion: 59 Resp: 401623
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.6 11.4

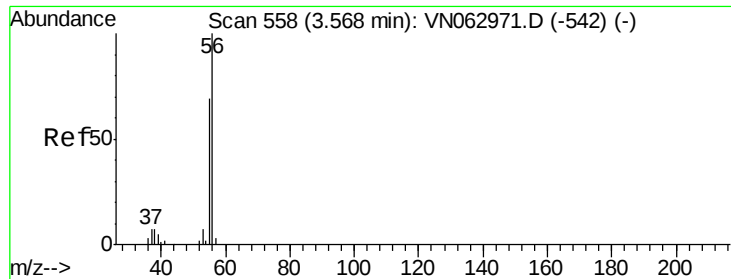


#12

1,1-Dichloroethene
 Concen: 131.533 ug/l
 RT: 3.69 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

Tgt Ion: 96 Resp: 333234
 Ion Ratio Lower Upper
 96 100
 61 163.7 120.4 180.6
 98 64.0 49.8 74.6

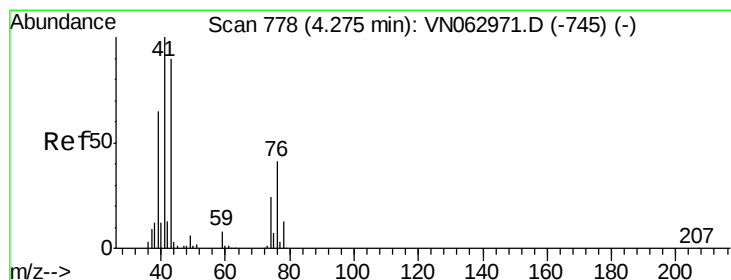
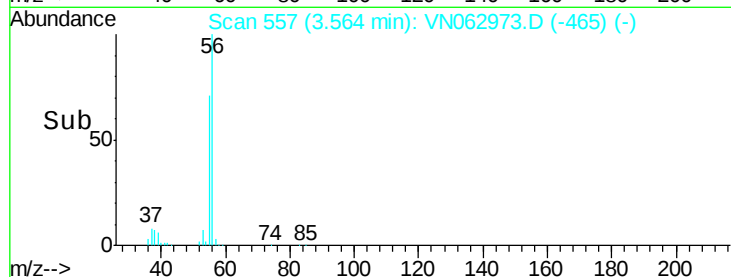
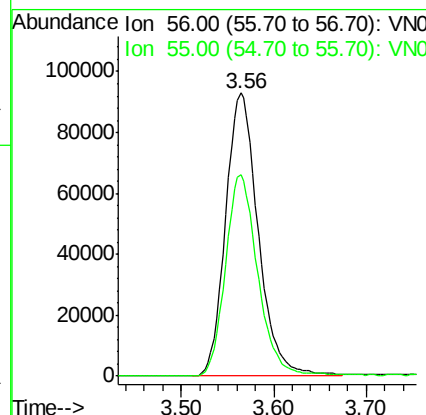
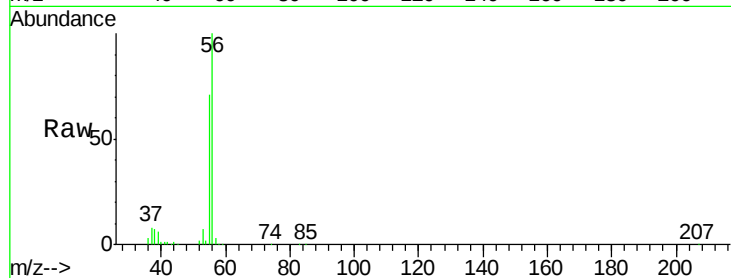




#13
Acrolein
Concen: 545.238 ug/l
RT: 3.56 min Scan# 557
Delta R.T. -0.00 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

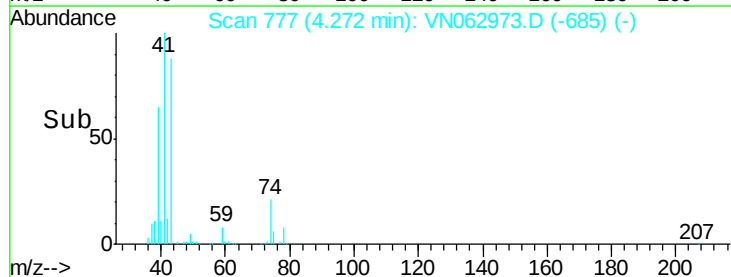
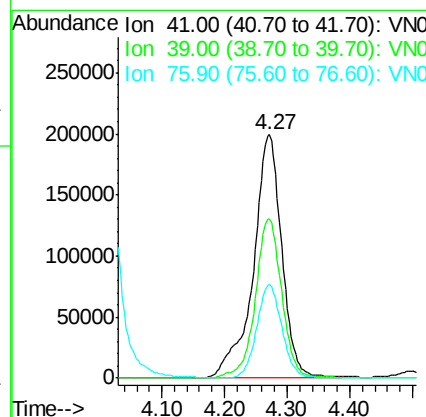
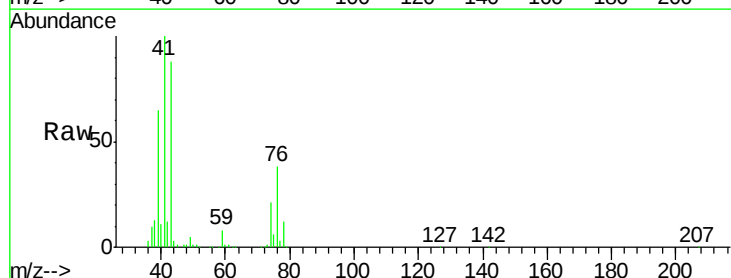
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

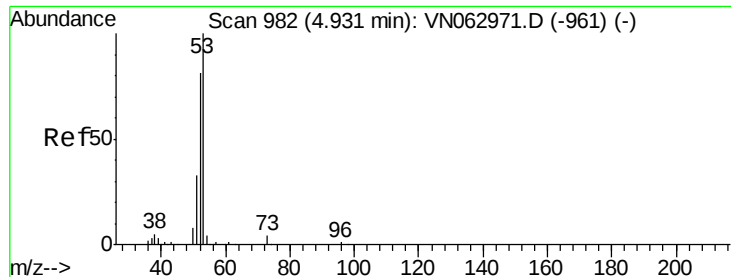
Tgt Ion: 56 Resp: 227427
Ion Ratio Lower Upper
56 100
55 69.6 56.1 84.1



#14
Allyl chloride
Concen: 138.448 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

Tgt Ion: 41 Resp: 631795
Ion Ratio Lower Upper
41 100
39 60.7 46.7 70.1
76 33.2 30.2 45.4





#15

Acrylonitrile

Concen: 720.527 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

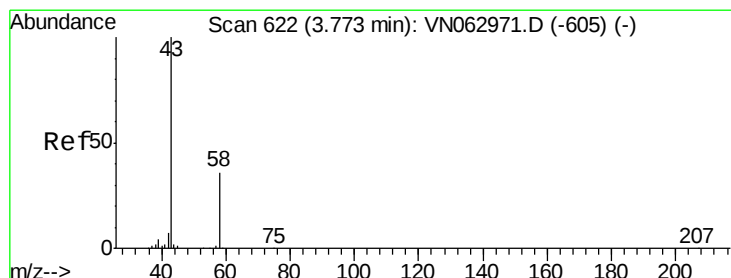
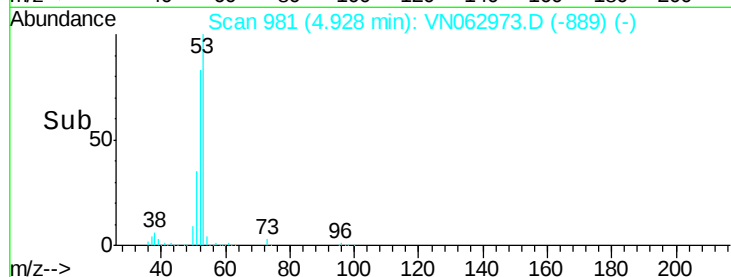
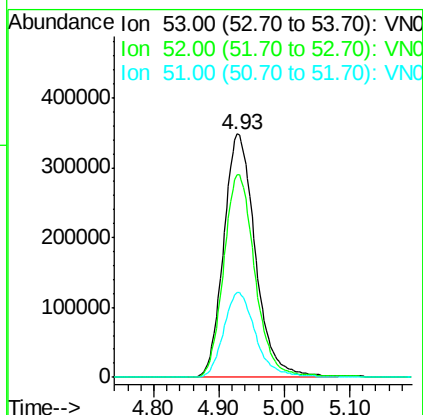
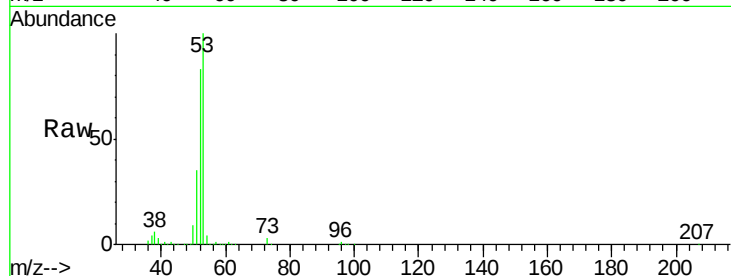
Tgt Ion: 53 Resp: 1174699

Ion Ratio Lower Upper

53 100

52 82.3 65.0 97.6

51 35.2 27.4 41.2



#16

Acetone

Concen: 594.129 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062973.D

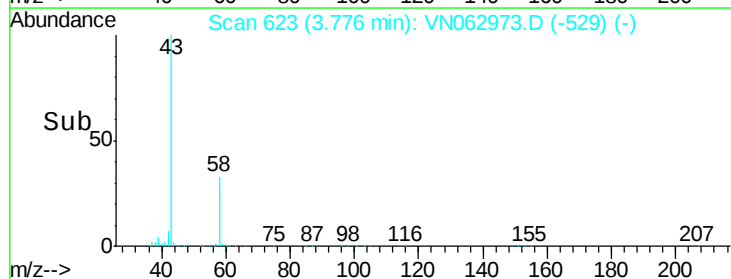
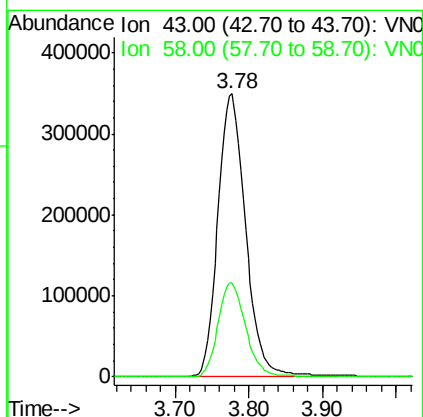
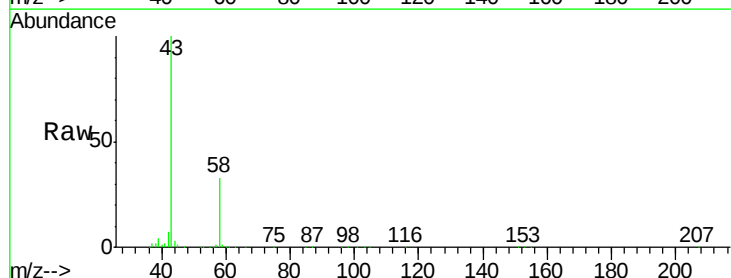
Acq: 17 Aug 2020 15:26

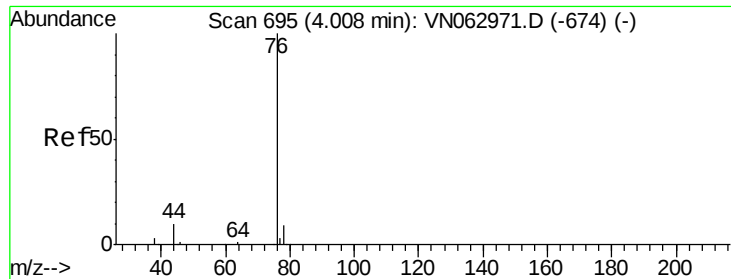
Tgt Ion: 43 Resp: 902097

Ion Ratio Lower Upper

43 100

58 33.3 28.7 43.1

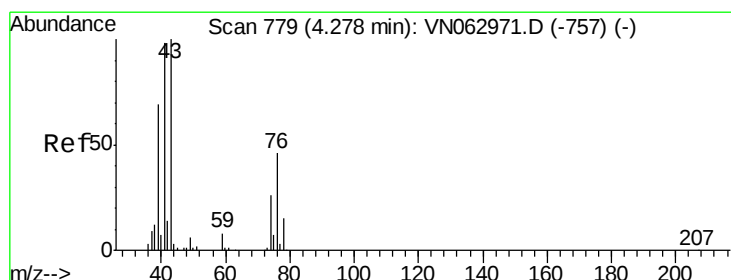
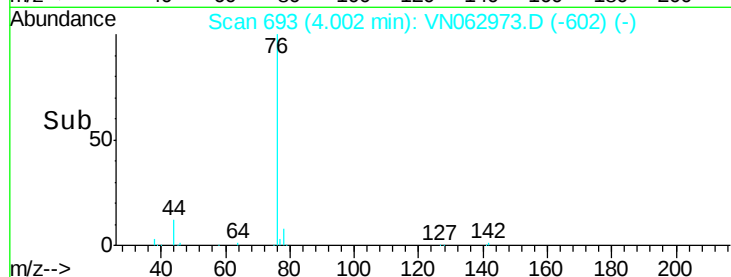
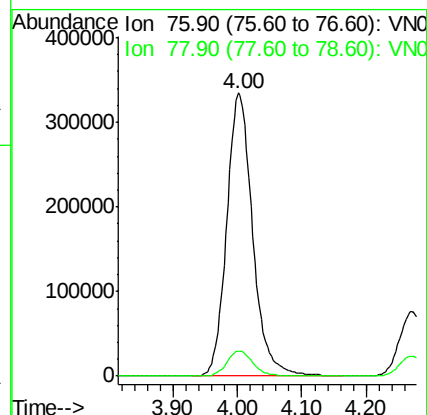
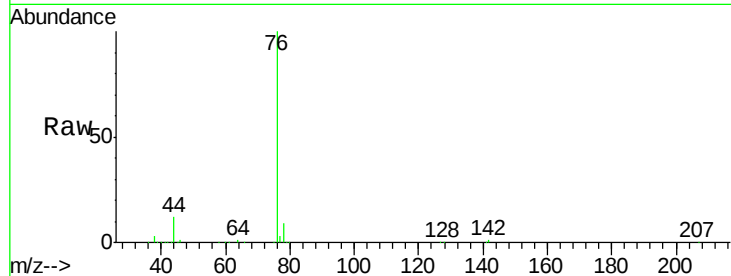




#17
Carbon Disulfide
Concen: 125.583 ug/l
RT: 4.00 min Scan# 693
Delta R.T. -0.01 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

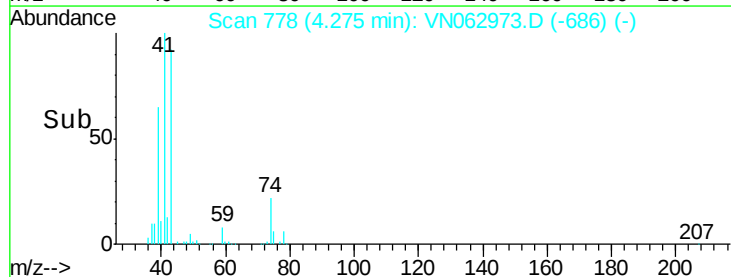
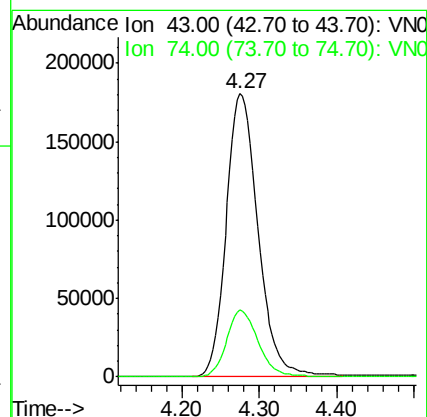
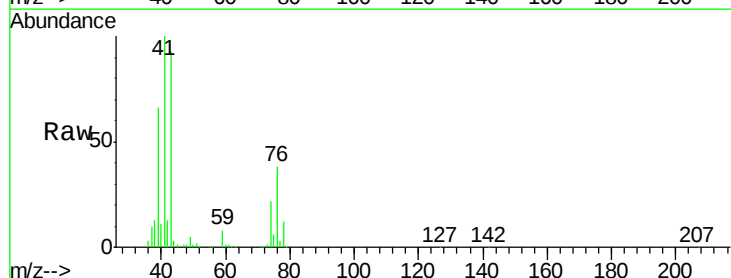
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

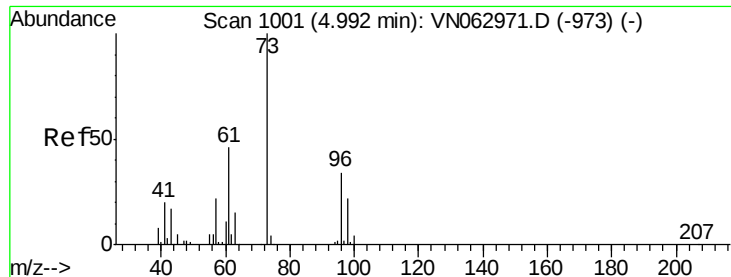
Tgt Ion: 76 Resp: 937056
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 125.103 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

Tgt Ion: 43 Resp: 511594
Ion Ratio Lower Upper
43 100
74 23.6 21.6 32.4

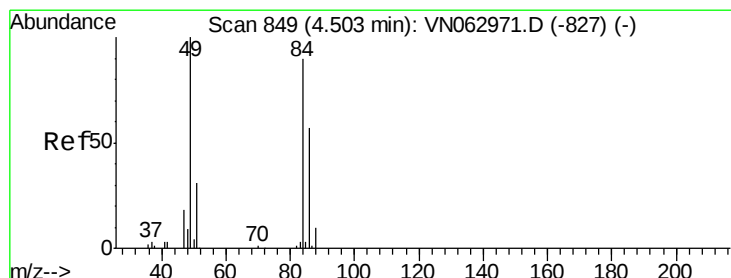
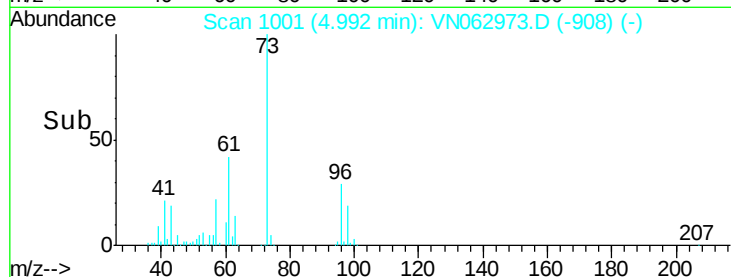
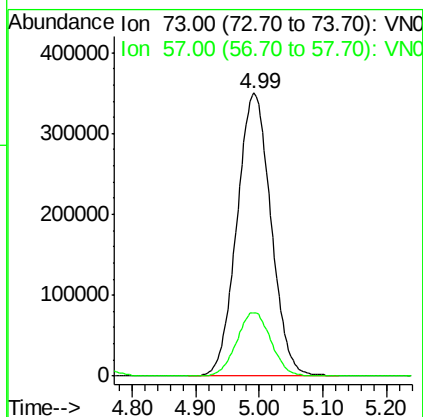
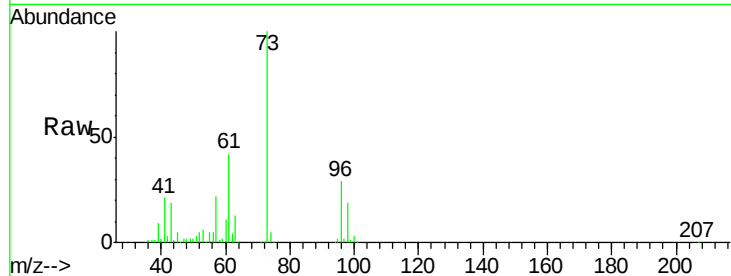




#19
Methyl tert-butyl Ether
Concen: 130.644 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

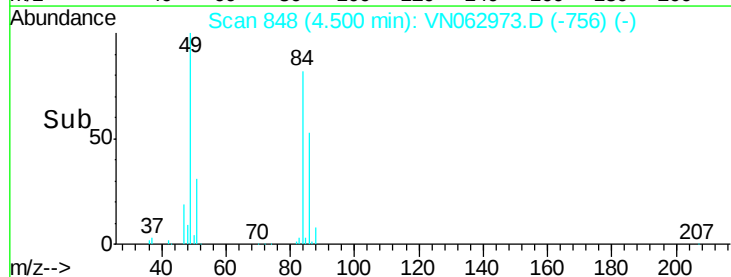
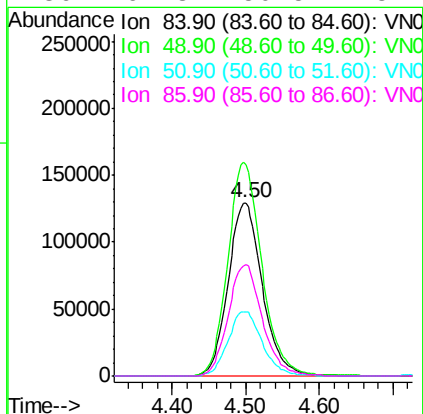
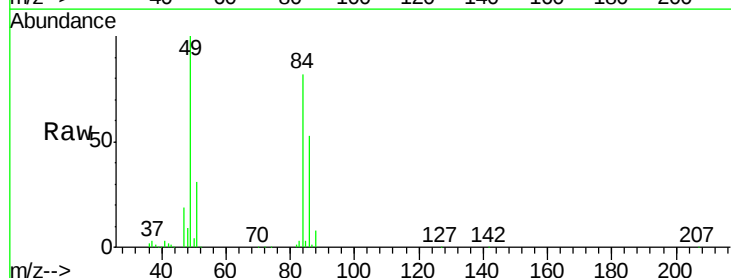
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

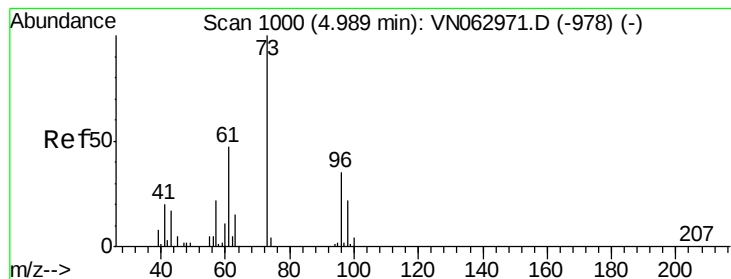
Tgt Ion: 73 Resp: 1303053
Ion Ratio Lower Upper
73 100
57 22.4 17.6 26.4



#20
Methylene Chloride
Concen: 129.034 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

Tgt Ion: 84 Resp: 417523
Ion Ratio Lower Upper
84 100
49 121.7 88.8 133.2
51 37.2 27.1 40.7
86 64.3 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 136.059 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

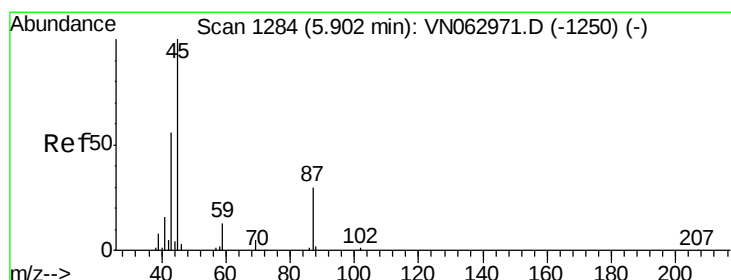
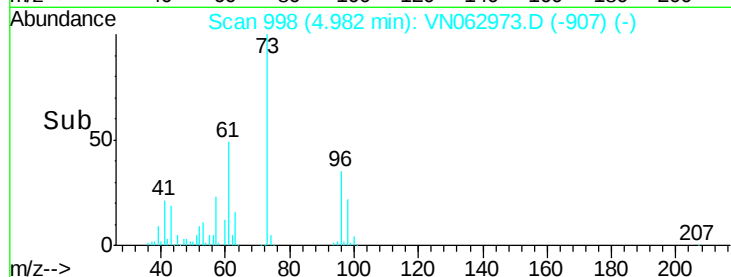
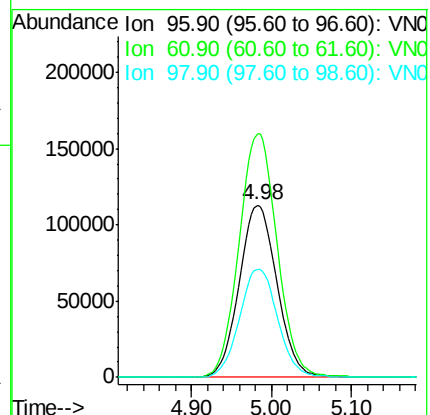
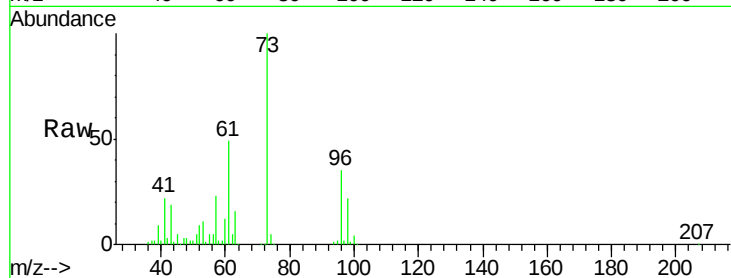
Tgt Ion: 96 Resp: 362258

Ion Ratio Lower Upper

96 100

61 141.4 107.7 161.5

98 62.9 51.0 76.4



#22

Diisopropyl ether

Concen: 147.418 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Tgt Ion: 45 Resp: 1424982

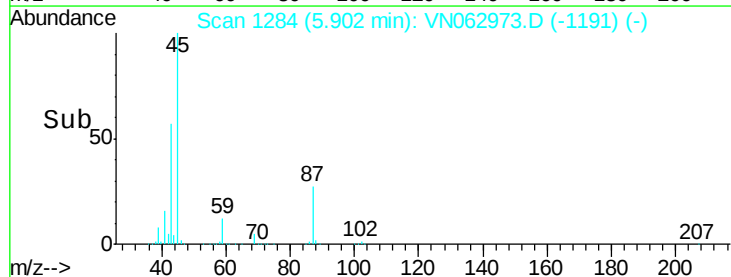
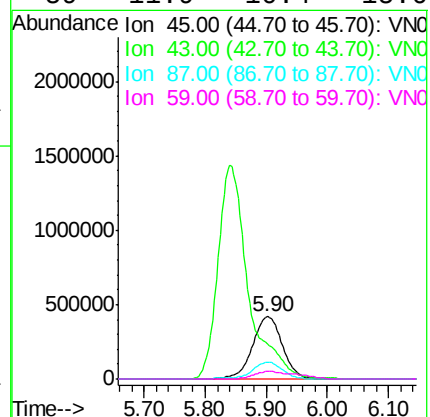
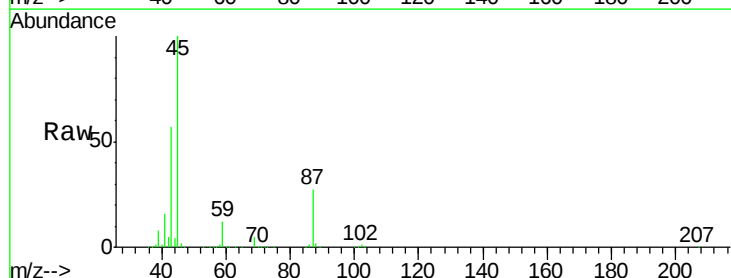
Ion Ratio Lower Upper

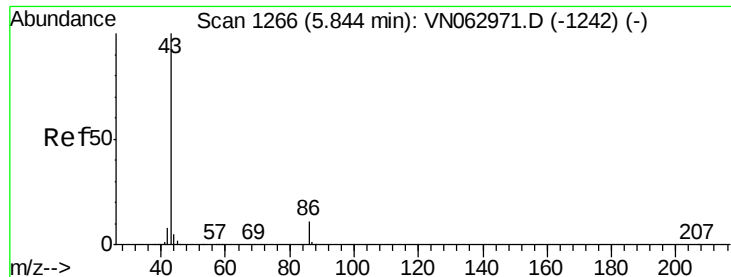
45 100

43 55.8 47.1 70.7

87 27.0 24.3 36.5

59 11.9 10.4 15.6





#23

Vinyl Acetate

Concen: 678.386 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

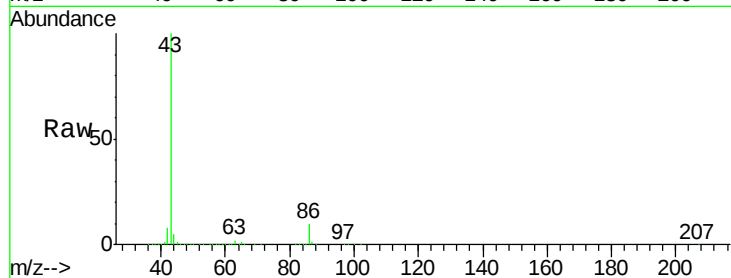
VSTDIC150

Tgt Ion: 43 Resp: 4959186

Ion Ratio Lower Upper

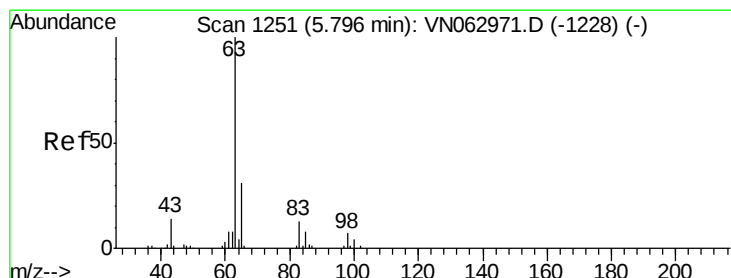
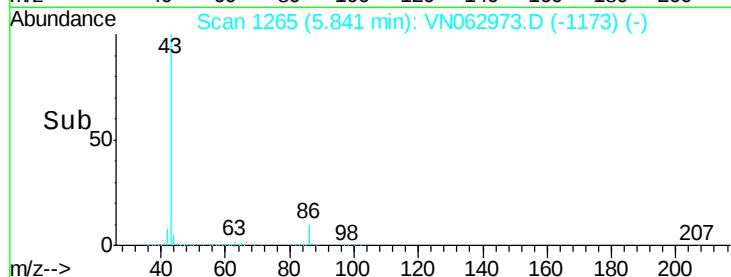
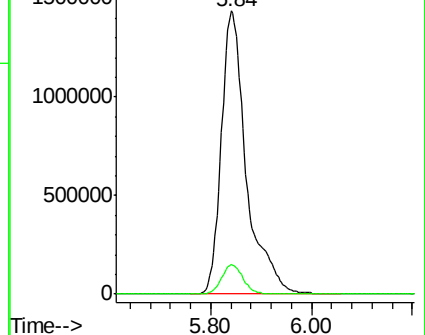
43 100

86 10.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN062973.D (-1173) (-)

Ion 86.00 (85.70 to 86.70): VN062973.D (-1173) (-)



#24

1,1-Dichloroethane

Concen: 130.072 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

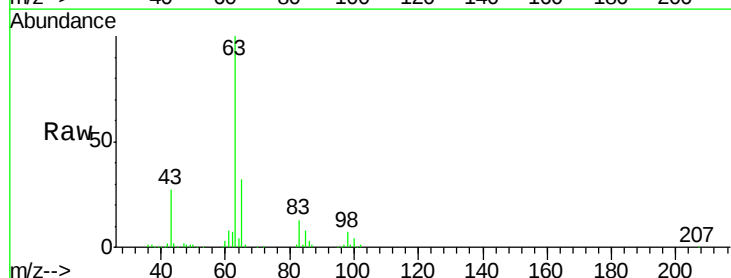
Tgt Ion: 63 Resp: 741178

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

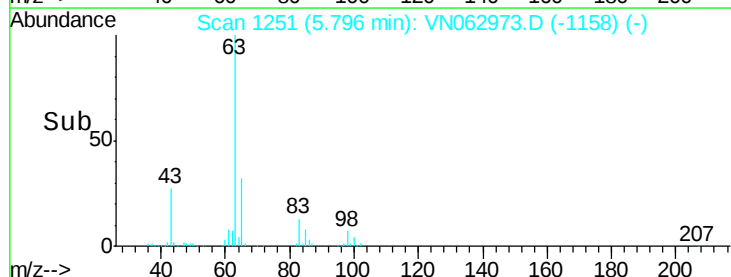
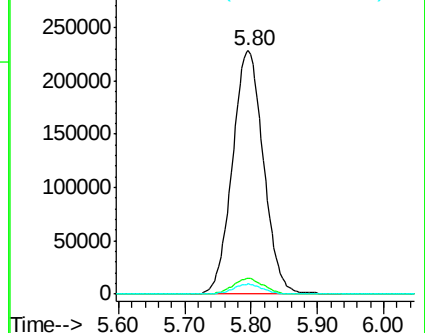
100 4.1 2.0 6.0

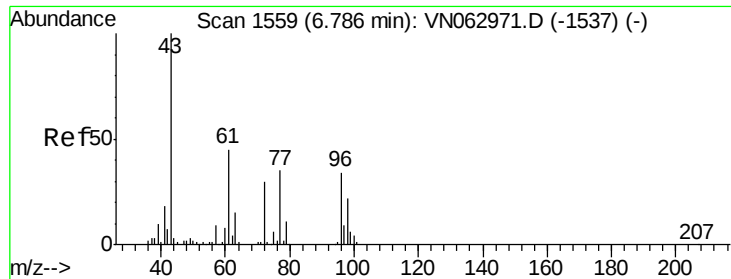


Abundance Ion 62.90 (62.60 to 63.60): VN062973.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062973.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062973.D (-1158) (-)

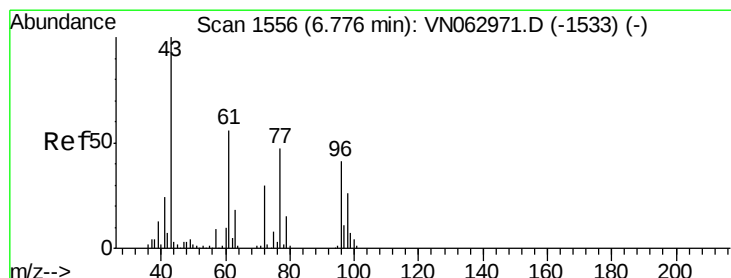
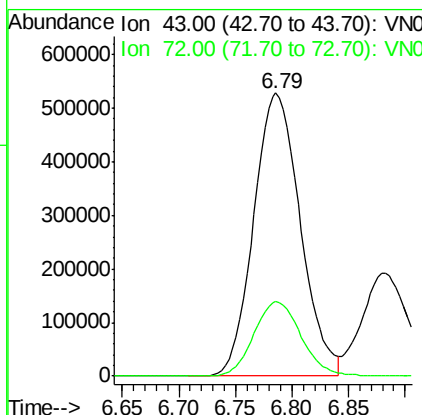
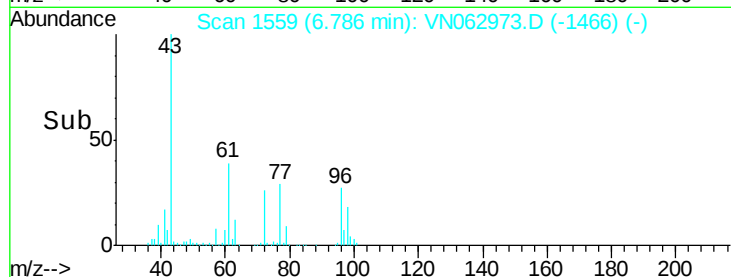
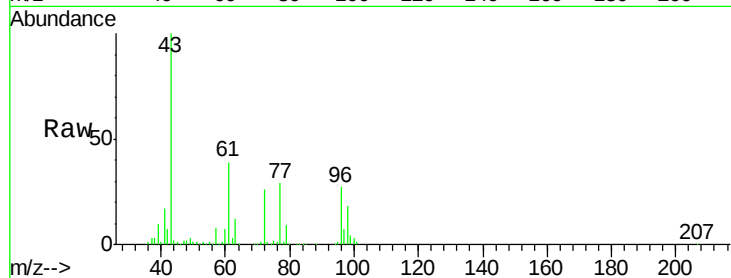




#25
2-Butanone
Concen: 704.150 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

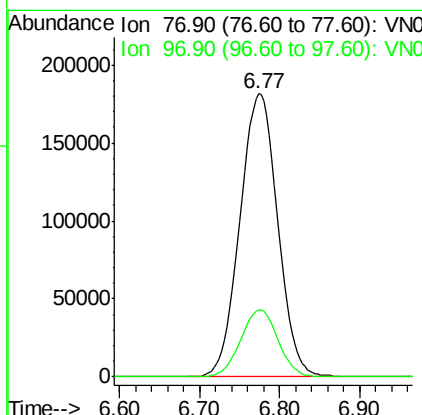
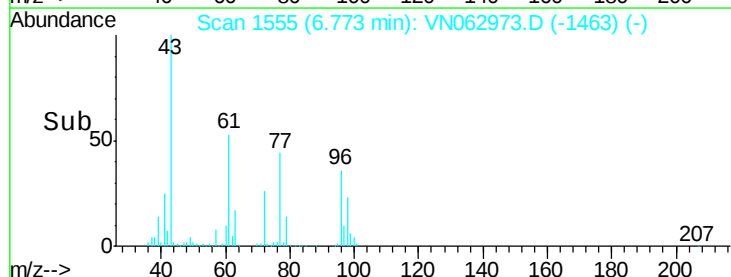
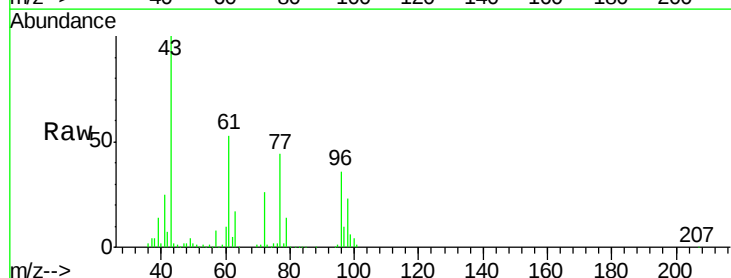
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

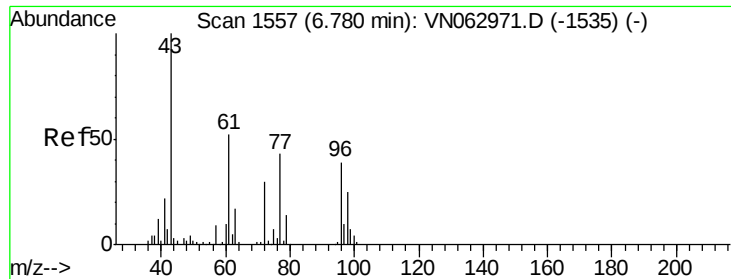
Tgt Ion: 43 Resp: 1506503
Ion Ratio Lower Upper
43 100
72 26.4 23.9 35.9



#26
2,2-Dichloropropane
Concen: 113.515 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

Tgt Ion: 77 Resp: 582929
Ion Ratio Lower Upper
77 100
97 23.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 141.188 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

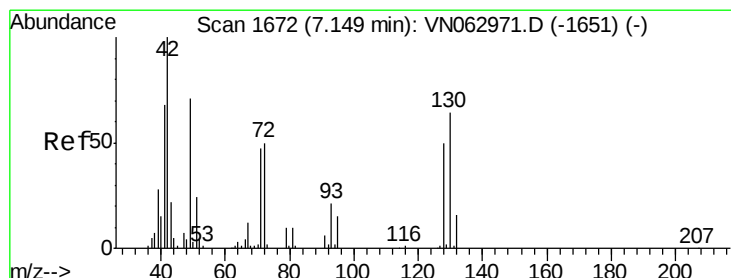
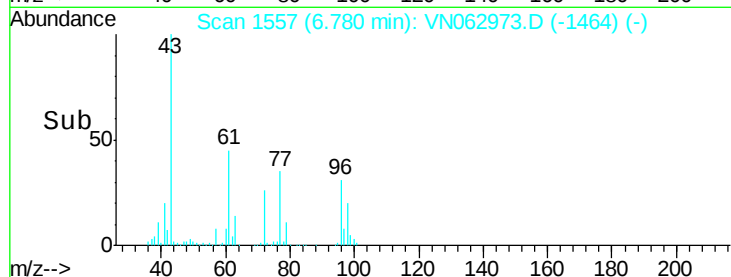
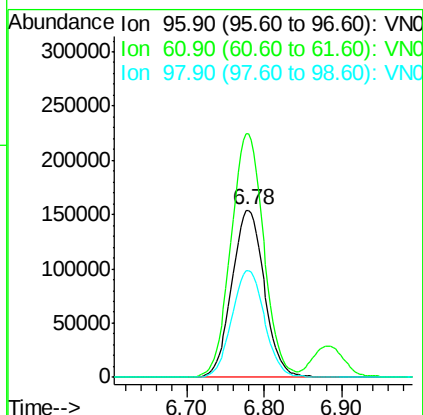
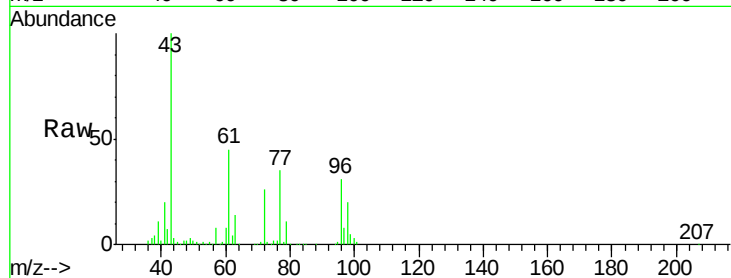
Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 448677

Ion	Ratio	Lower	Upper
96	100		
61	146.8	0.0	270.4
98	64.4	0.0	128.2



#28

Bromochloromethane

Concen: 144.513 ug/l

RT: 7.15 min Scan# 1671

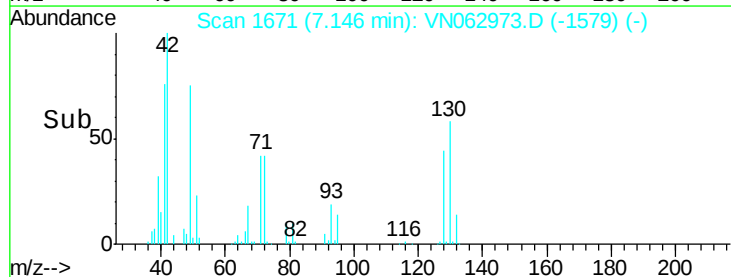
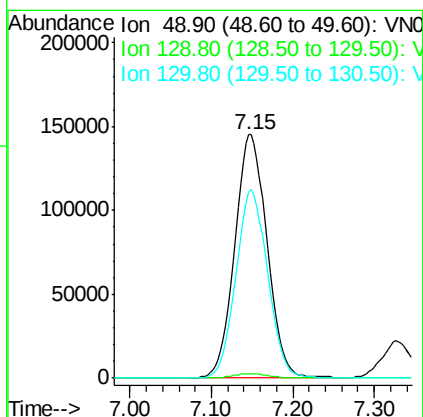
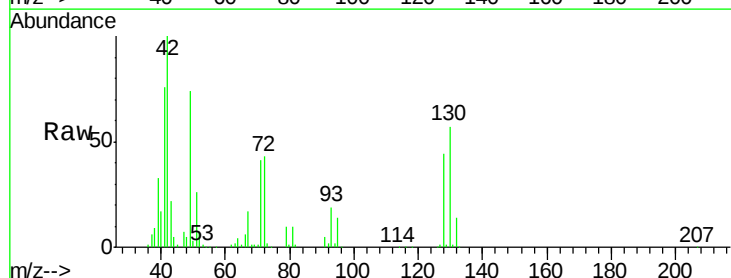
Delta R.T. -0.00 min

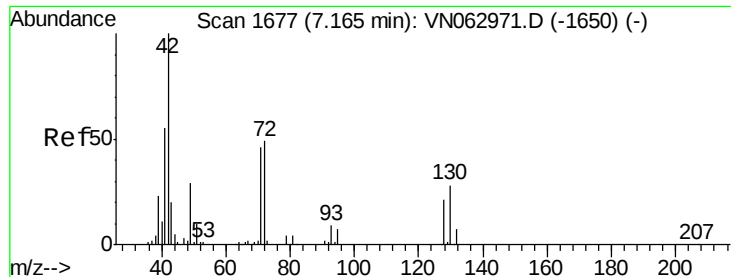
Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Tgt Ion: 49 Resp: 398199

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	76.0	73.5	110.3

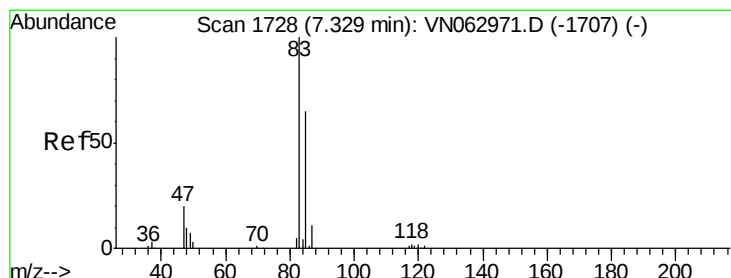
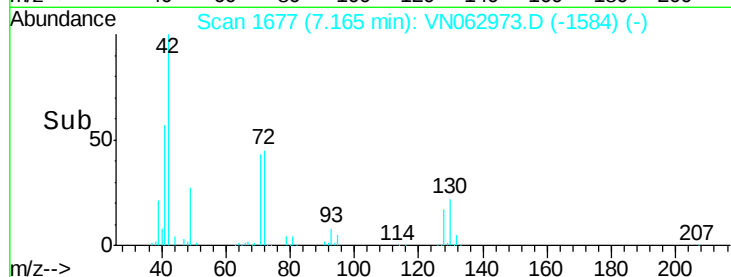
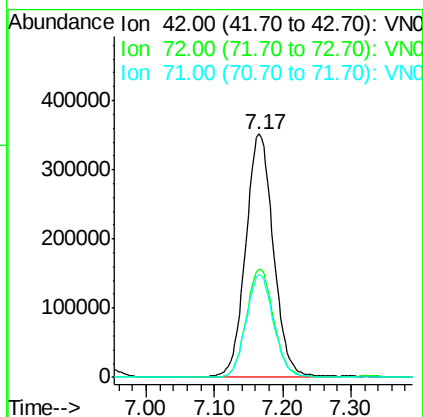
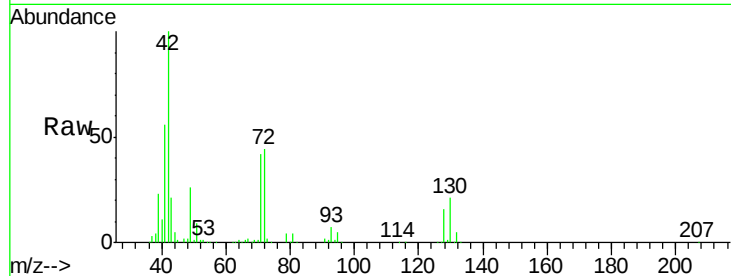




#29
Tetrahydrofuran
Concen: 712.612 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

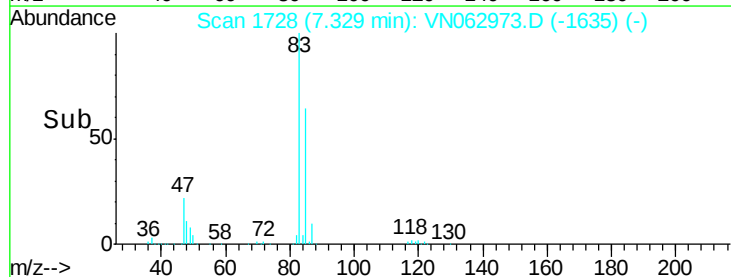
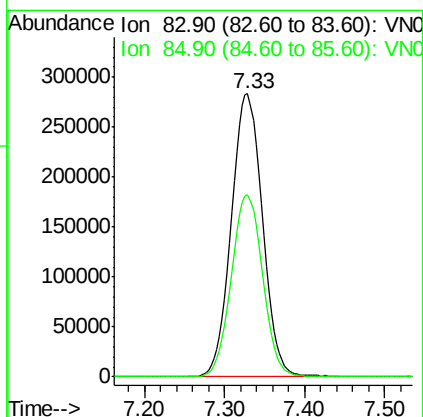
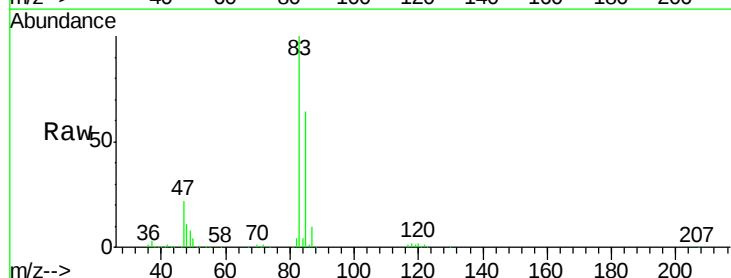
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

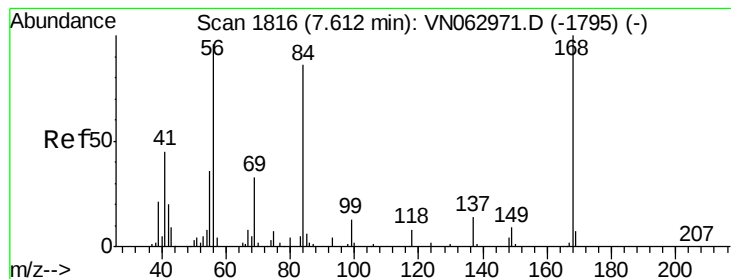
Tgt Ion: 42 Resp: 992752
Ion Ratio Lower Upper
42 100
72 44.2 39.4 59.2
71 41.6 37.2 55.8



#30
Chloroform
Concen: 124.732 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

Tgt Ion: 83 Resp: 749021
Ion Ratio Lower Upper
83 100
85 64.2 52.2 78.4





#31

Cyclohexane

Concen: 144.163 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

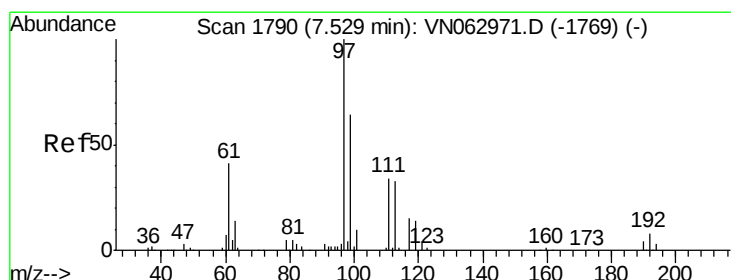
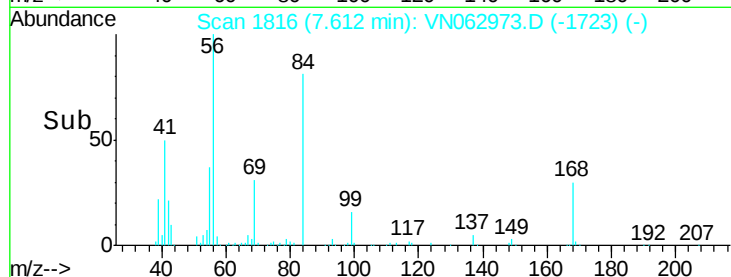
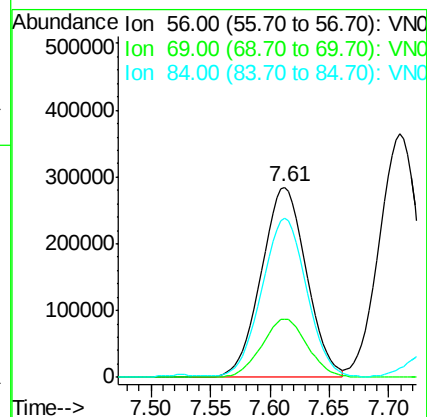
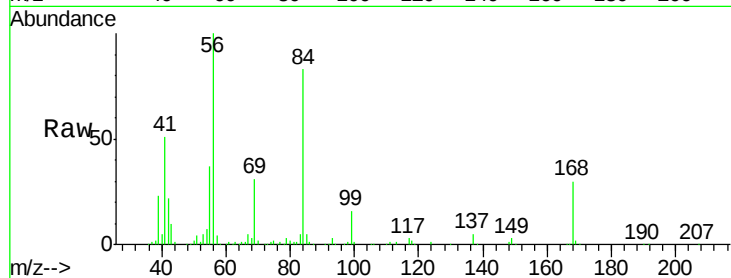
Tgt Ion: 56 Resp: 748943

Ion Ratio Lower Upper

56 100

69 30.8 27.4 41.2

84 82.4 71.3 106.9



#32

1,1,1-Trichloroethane

Concen: 117.059 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

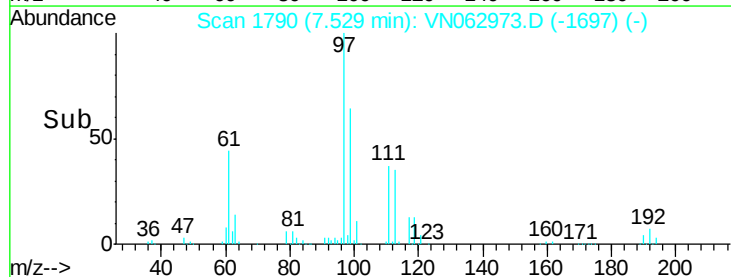
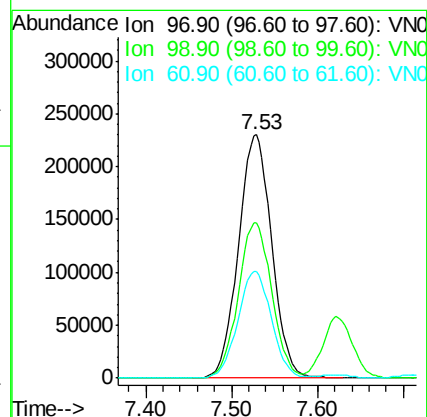
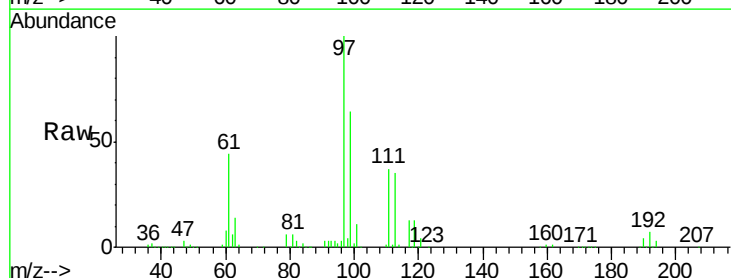
Tgt Ion: 97 Resp: 619985

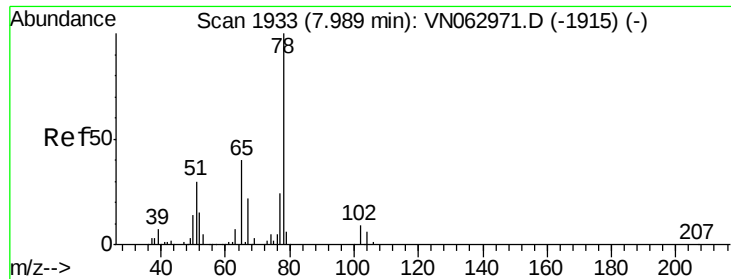
Ion Ratio Lower Upper

97 100

99 64.2 52.2 78.4

61 44.1 33.5 50.3

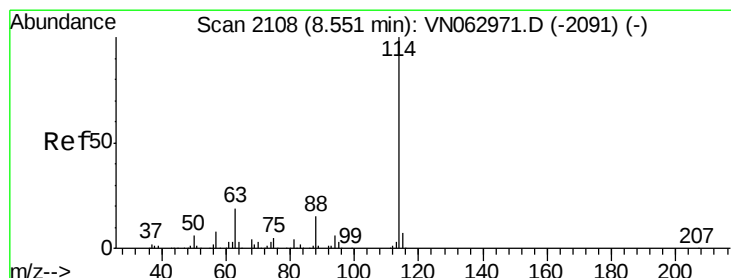
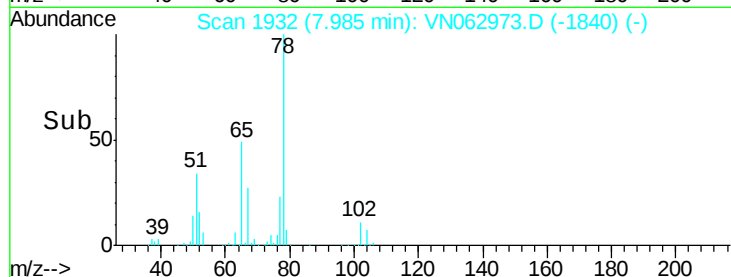
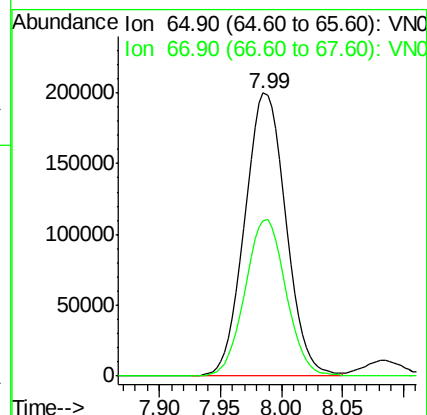
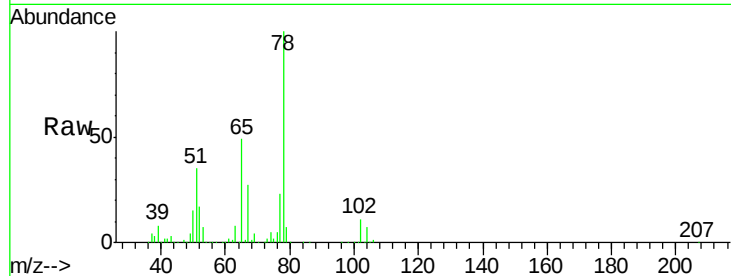




#33
 1,2-Dichloroethane-d4
 Concen: 112.695 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

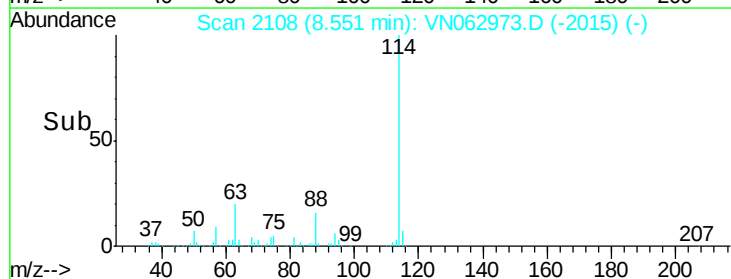
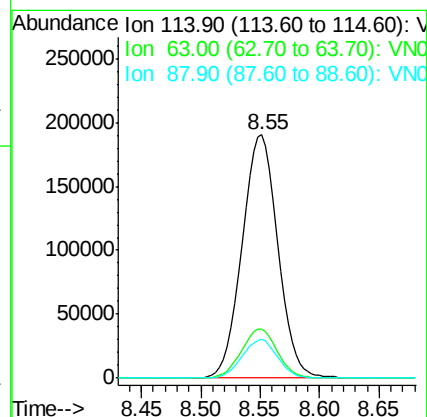
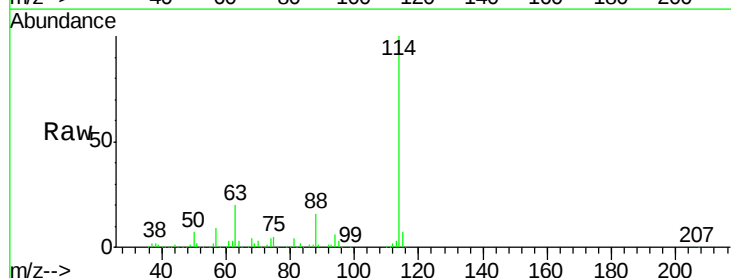
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

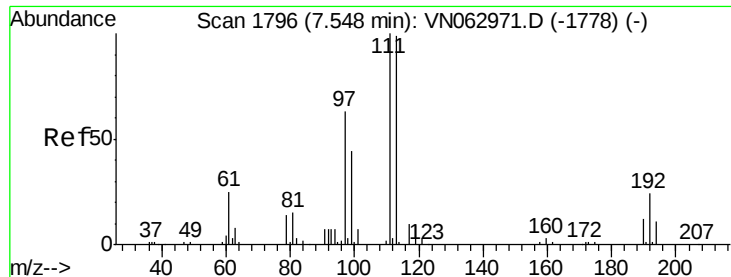
Tgt Ion: 65 Resp: 467108
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

Tgt Ion: 114 Resp: 396894
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 37.6
 88 15.8 0.0 31.0

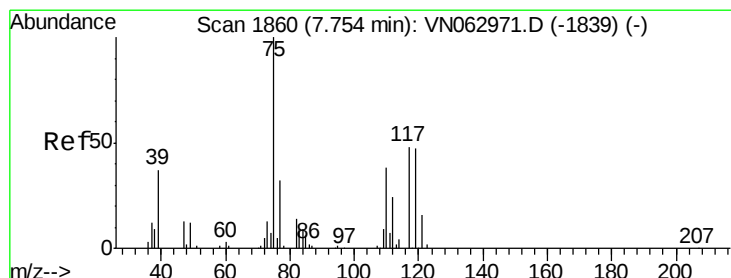
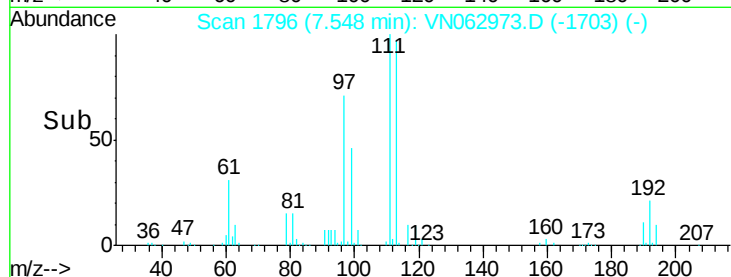
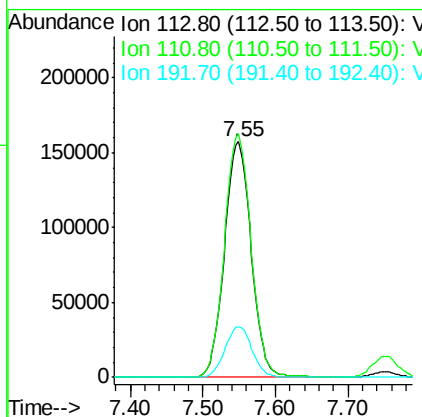
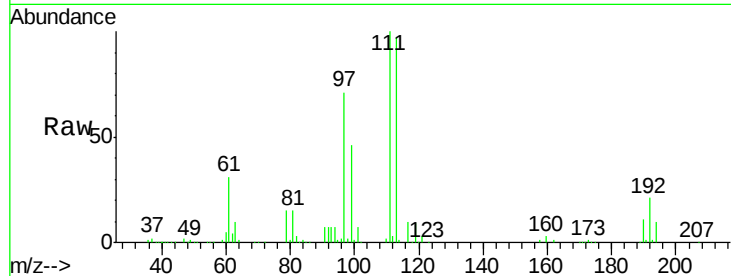




#35
 Dibromofluoromethane
 Concen: 150.454 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

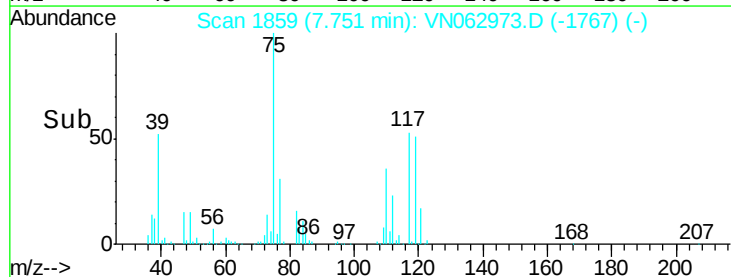
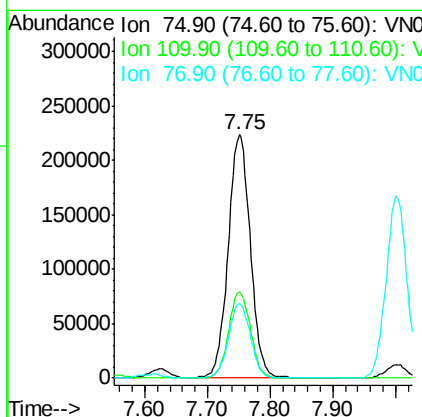
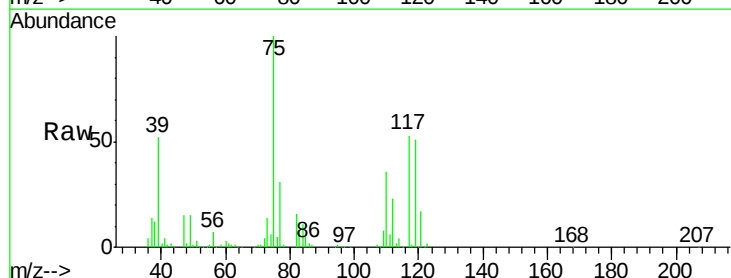
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

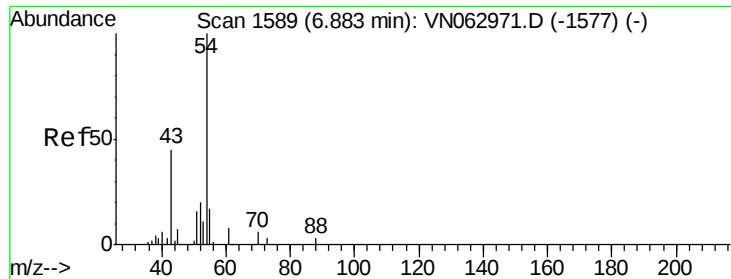
Tgt Ion:113 Resp: 404440
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.4 122.0
 192 21.9 19.2 28.8



#36
 1,1-Dichloropropene
 Concen: 144.770 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

Tgt Ion: 75 Resp: 544535
 Ion Ratio Lower Upper
 75 100
 110 35.3 18.7 56.1
 77 30.8 25.6 38.4

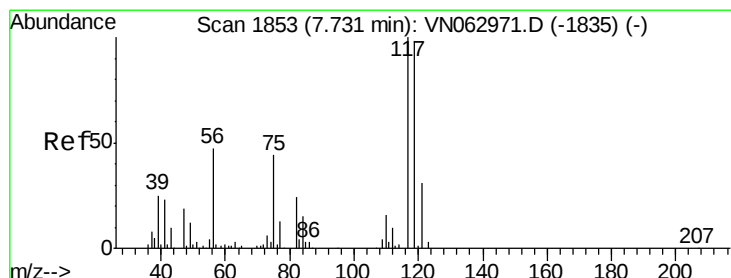
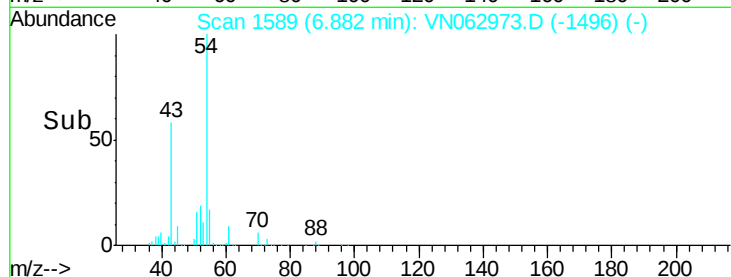
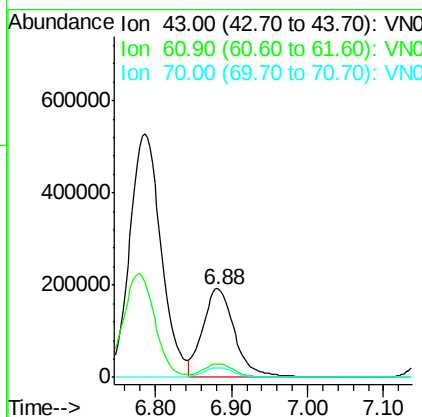
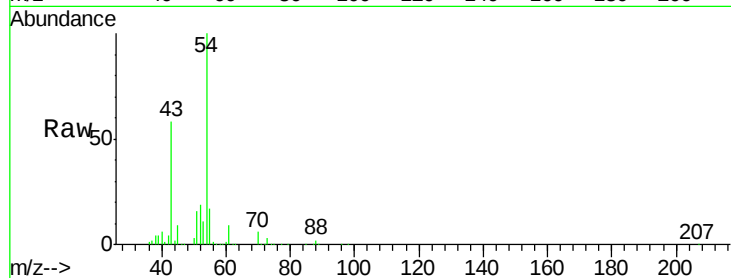




#37
 Ethyl Acetate
 Concen: 143.710 ug/l
 RT: 6.88 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

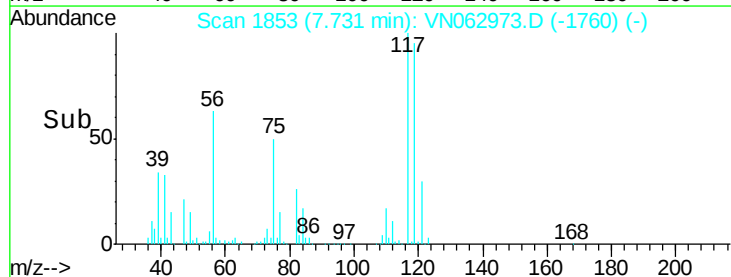
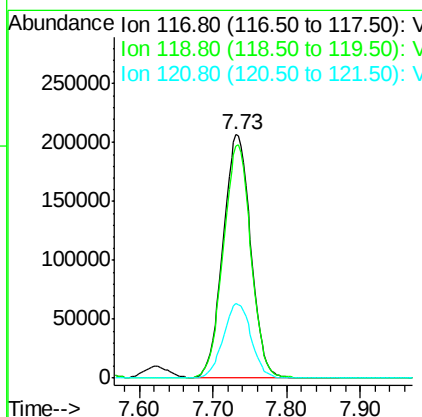
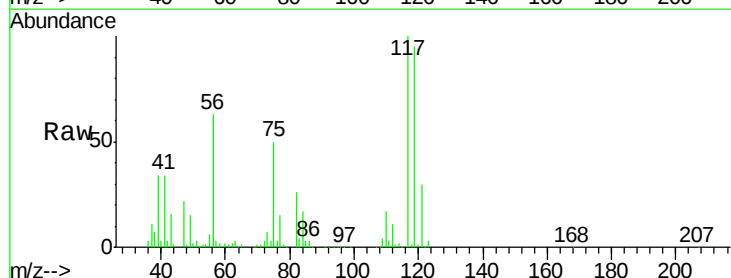
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

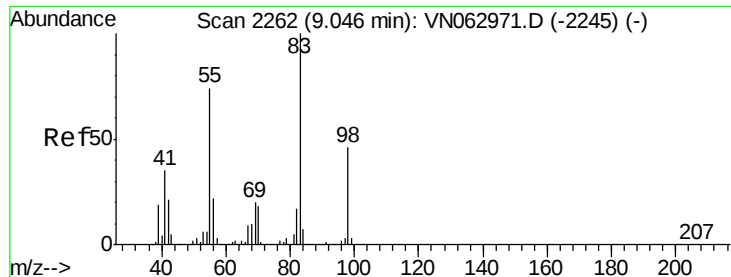
Tgt Ion: 43 Resp: 554749
 Ion Ratio Lower Upper
 43 100
 61 14.8 12.4 18.6
 70 10.6 9.9 14.9



#38
 Carbon Tetrachloride
 Concen: 121.007 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

Tgt Ion: 117 Resp: 536824
 Ion Ratio Lower Upper
 117 100
 119 95.1 77.9 116.9
 121 30.5 24.8 37.2

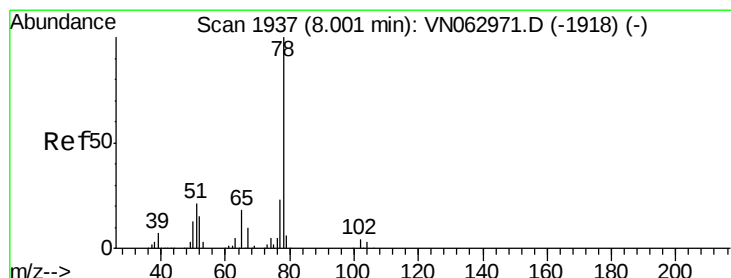
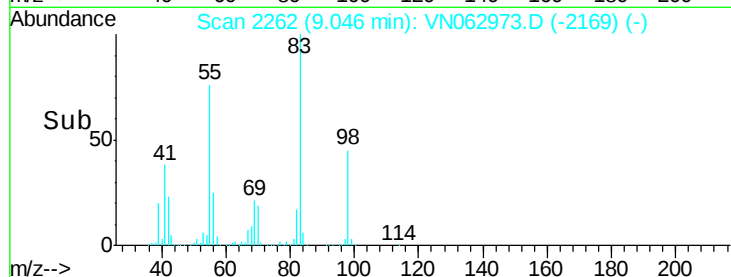
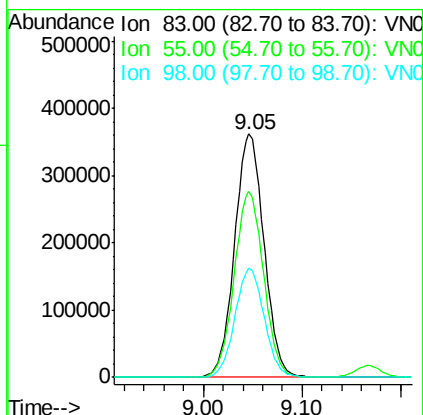
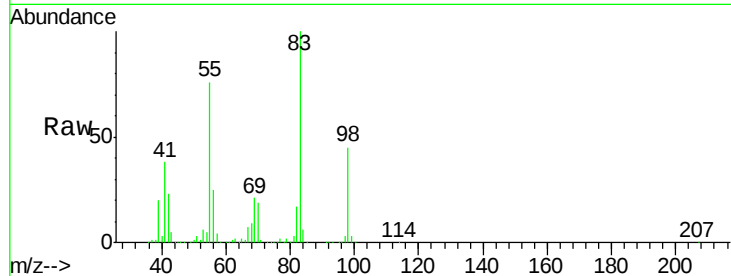




#39
Methylcyclohexane
Concen: 162.108 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

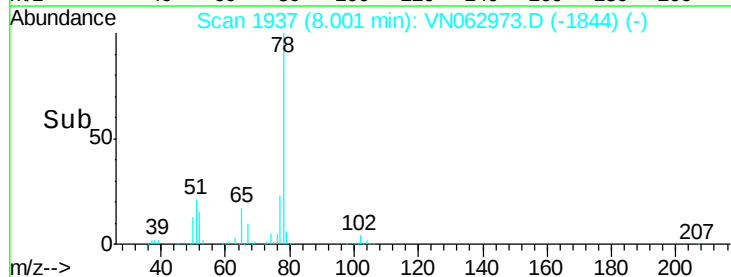
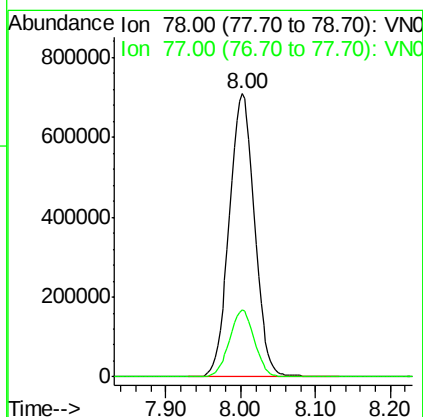
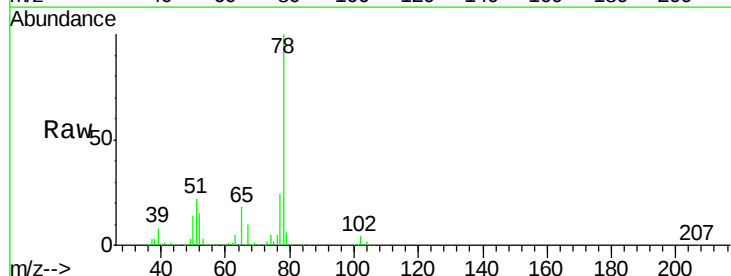
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

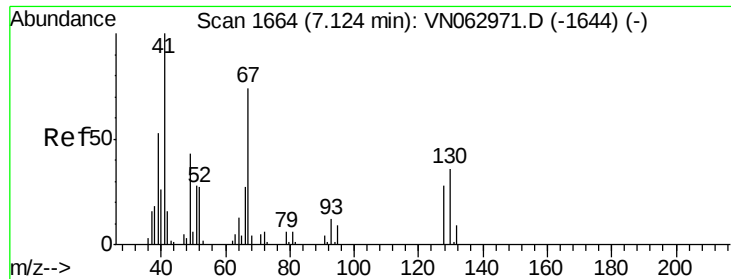
Tgt Ion: 83 Resp: 750746
Ion Ratio Lower Upper
83 100
55 76.3 59.0 88.6
98 44.8 36.8 55.2



#40
Benzene
Concen: 146.020 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

Tgt Ion: 78 Resp: 1667948
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8

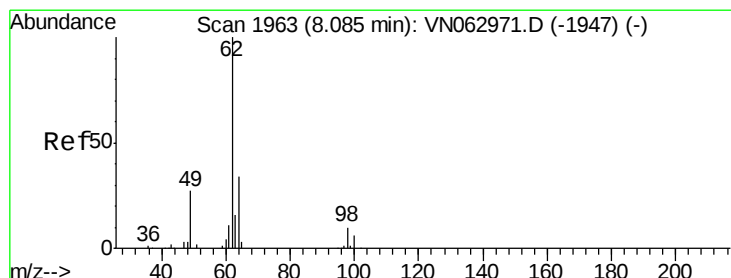
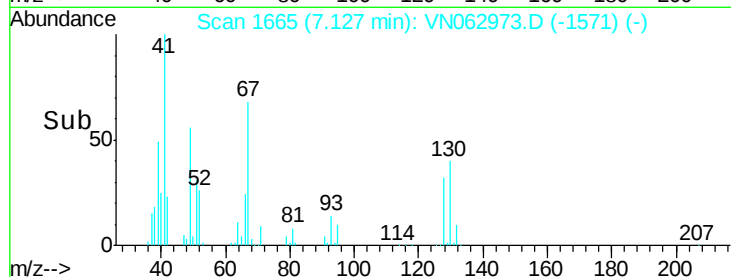
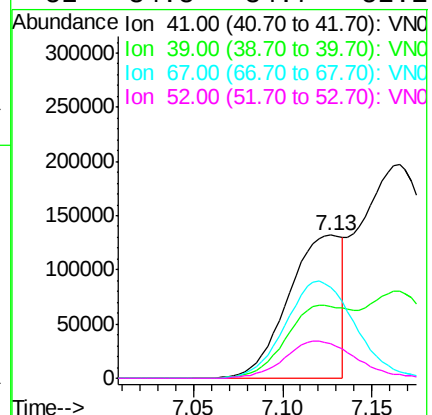
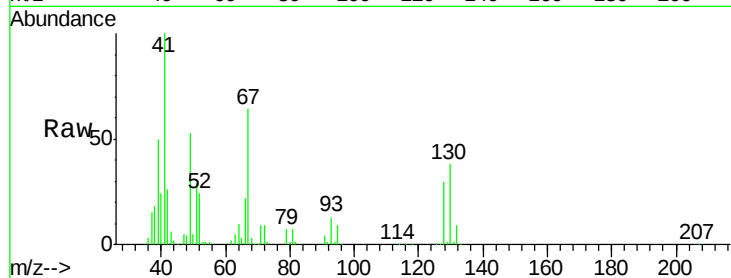




#41
Methacrylonitrile
Concen: 160.723 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

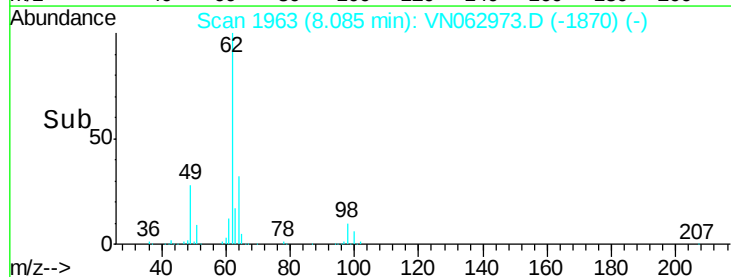
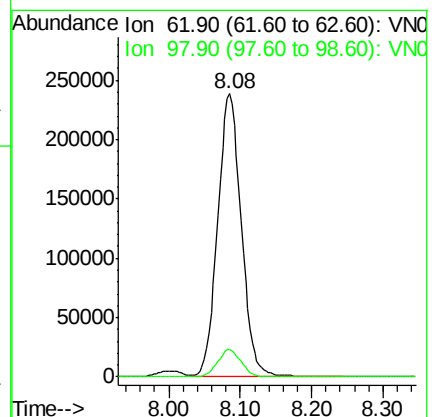
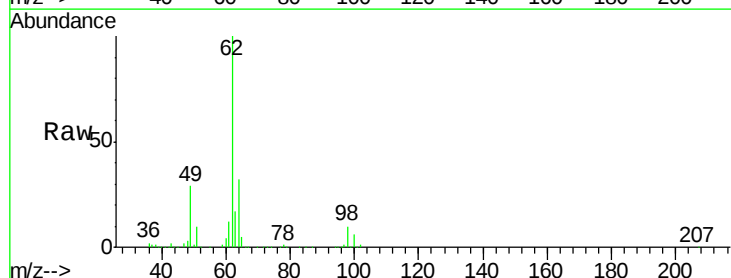
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

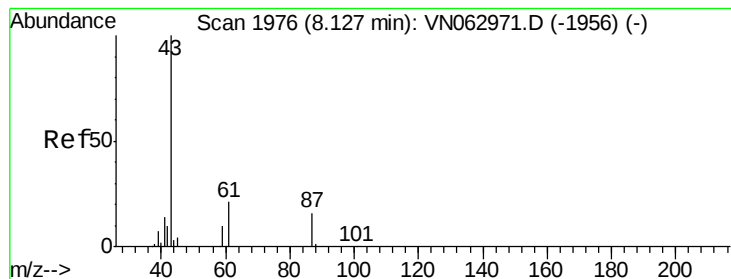
Tgt Ion: 41 Resp: 273268
Ion Ratio Lower Upper
41 100
39 60.8 58.6 88.0
67 89.7 90.1 135.1#
52 34.8 34.7 52.1



#42
1,2-Dichloroethane
Concen: 117.032 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

Tgt Ion: 62 Resp: 545998
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.8





#43

Isopropyl Acetate

Concen: 139.368 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

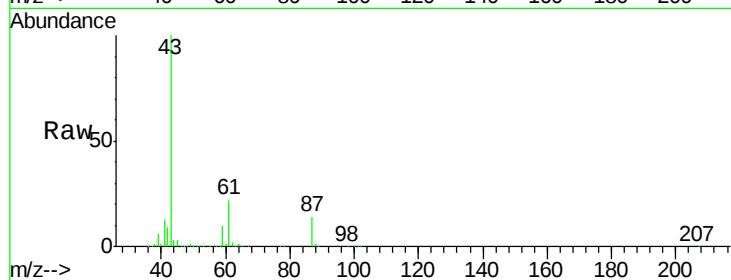
Tgt Ion: 43 Resp: 895755

Ion Ratio Lower Upper

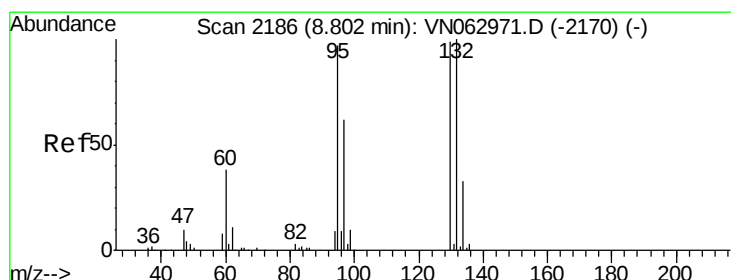
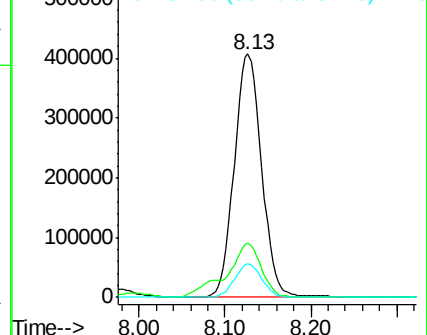
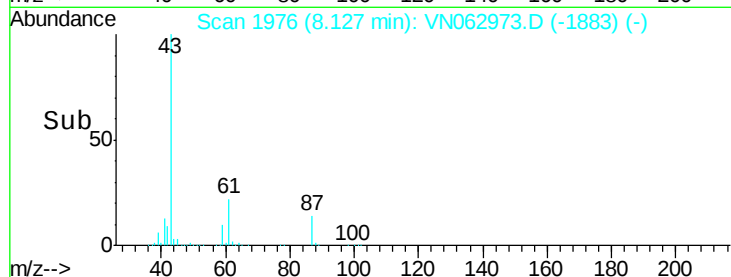
43 100

61 22.2 24.6 36.8#

87 13.7 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VN062973.D (-1883) (-)



#44

Trichloroethene

Concen: 147.539 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062973.D

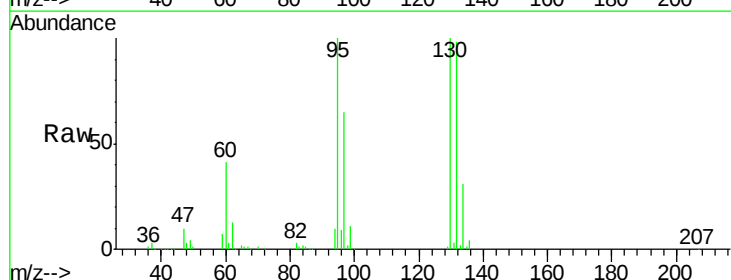
Acq: 17 Aug 2020 15:26

Tgt Ion: 130 Resp: 417465

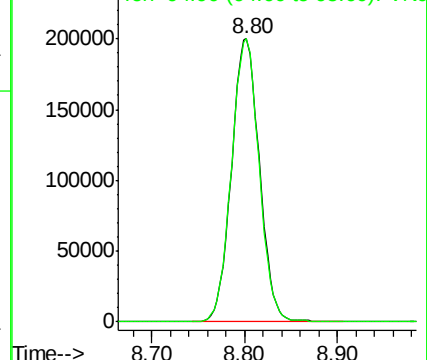
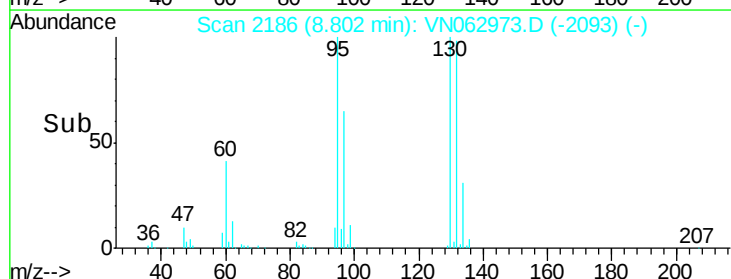
Ion Ratio Lower Upper

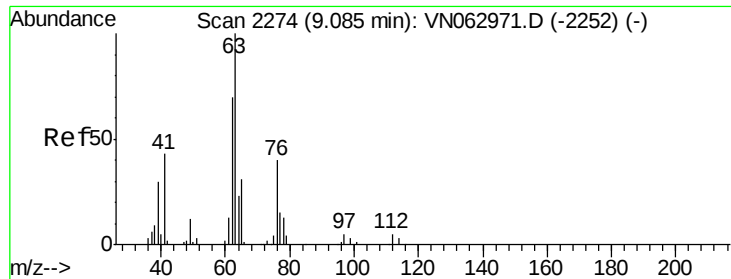
130 100

95 100.0 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): VN062973.D (-2093) (-)

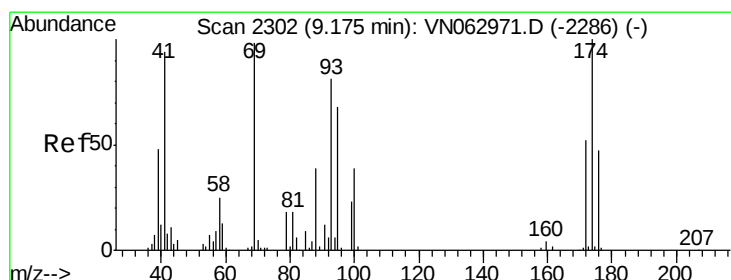
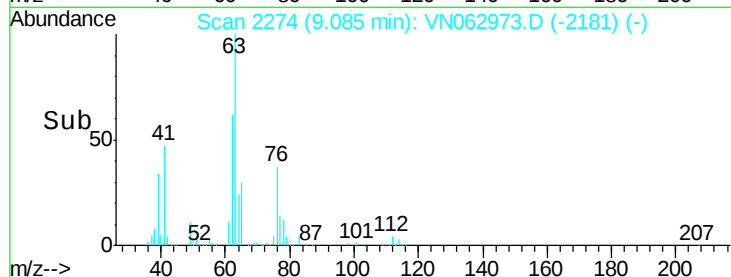
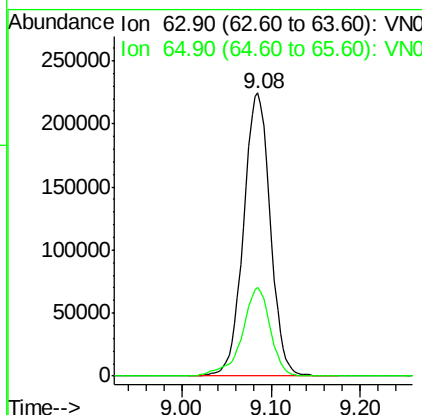
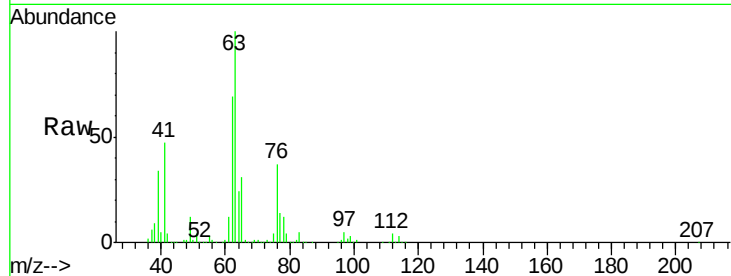




#45
 1,2-Dichloropropane
 Concen: 152.800 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

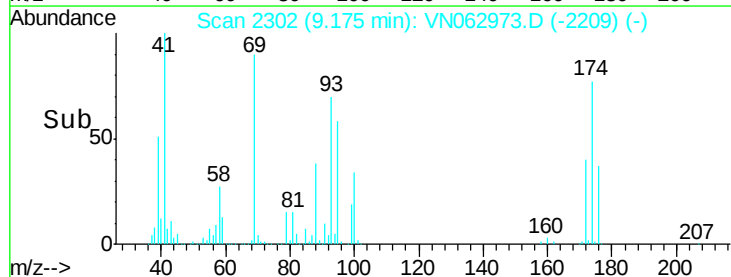
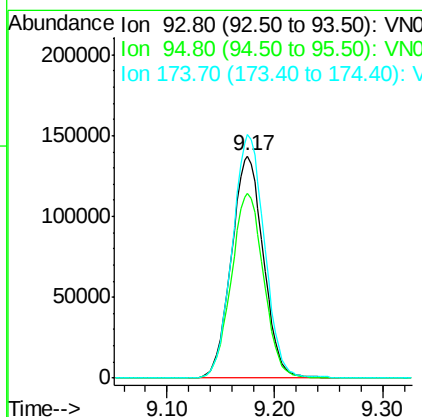
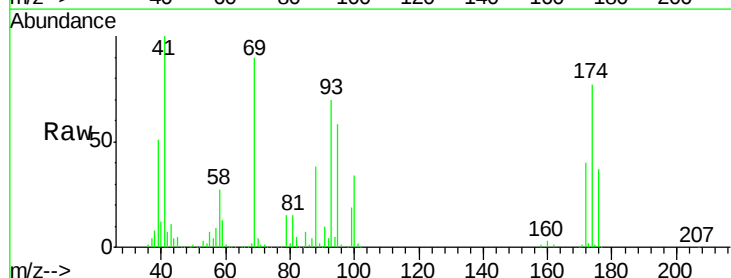
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

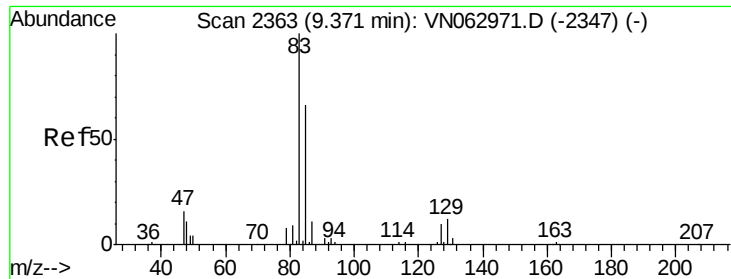
Tgt Ion: 63 Resp: 468611
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.7 37.1



#46
 Dibromomethane
 Concen: 141.574 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

Tgt Ion: 93 Resp: 284774
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.6 99.8
 174 109.8 96.6 145.0





#47

Bromodichloromethane

Concen: 136.121 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

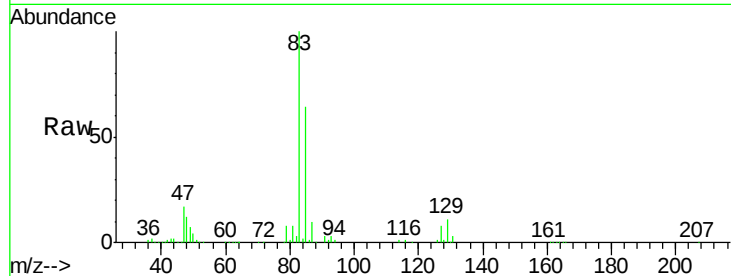
Tgt Ion: 83 Resp: 605088

Ion Ratio Lower Upper

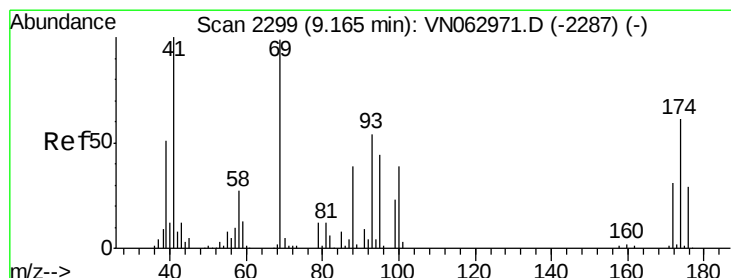
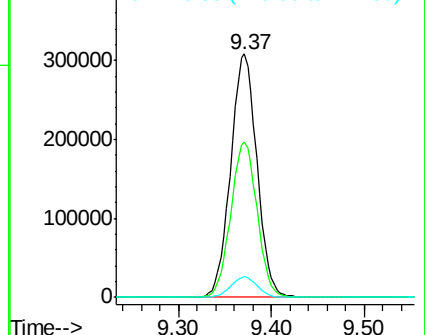
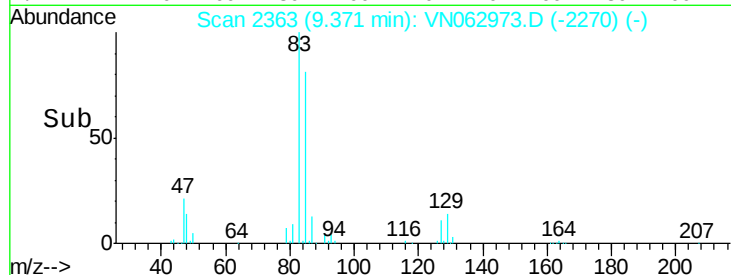
83 100

85 64.0 52.4 78.6

127 8.4 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VN062973.D (-2270) (-)



#48

Methyl methacrylate

Concen: 142.512 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

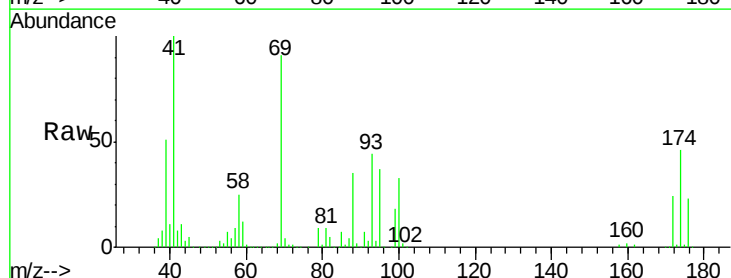
Tgt Ion: 41 Resp: 449083

Ion Ratio Lower Upper

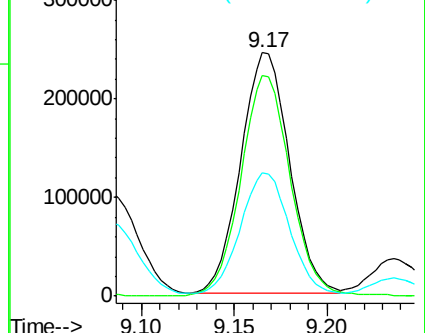
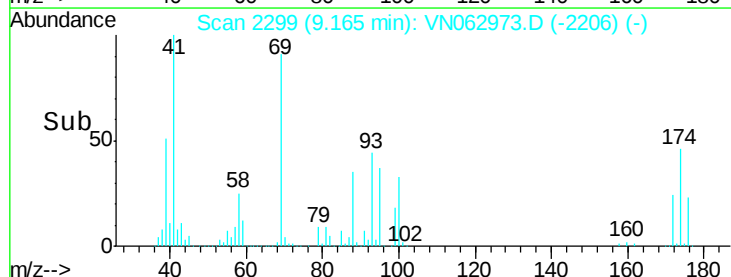
41 100

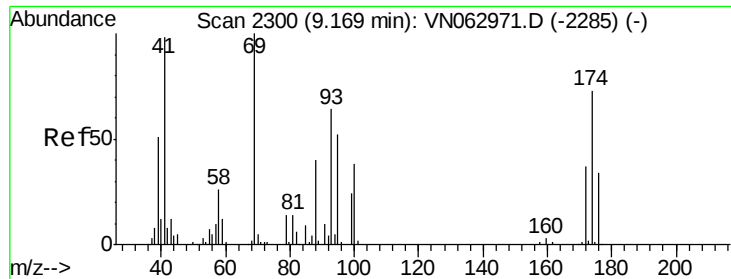
69 92.9 81.1 121.7

39 50.5 42.4 63.6



Abundance Ion 41.00 (40.70 to 41.70): VN062973.D (-2206) (-)

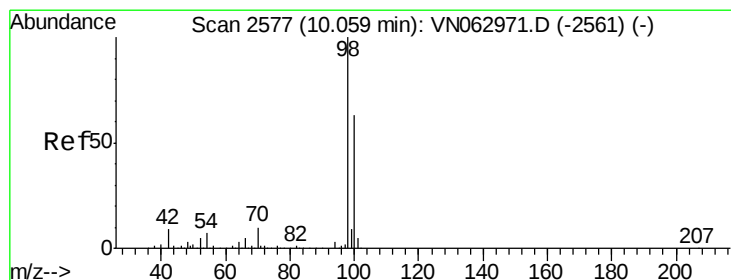
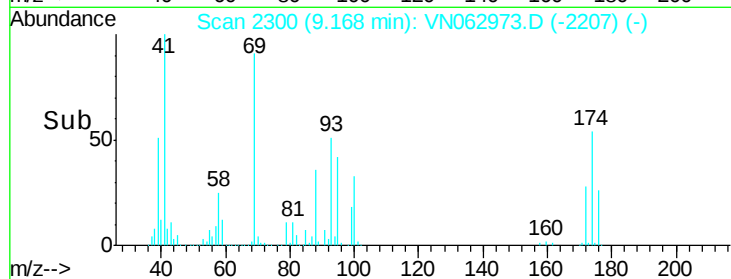
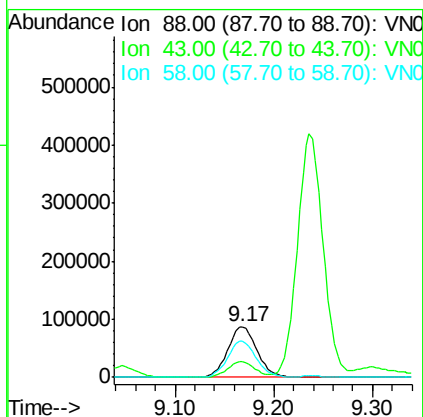
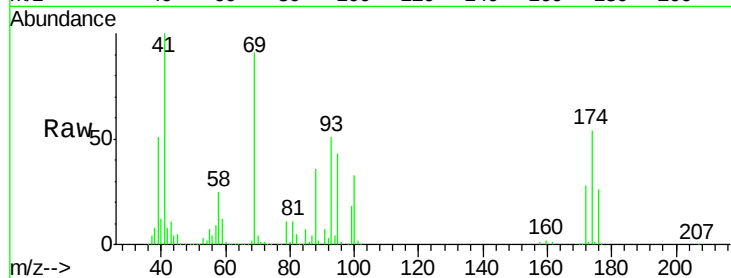




#49
 1,4-Dioxane
 Concen: 3058.555 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

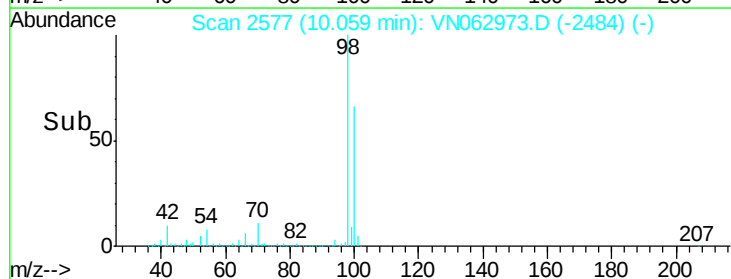
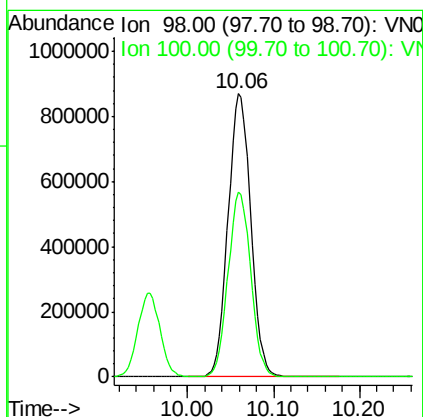
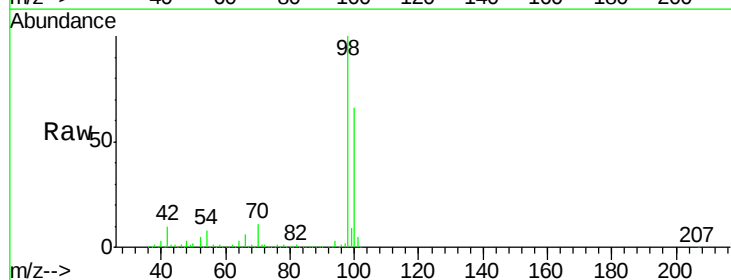
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

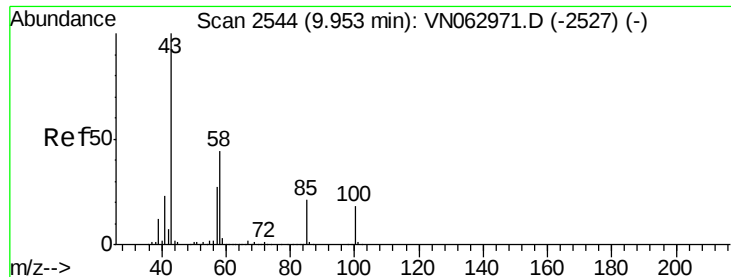
Tgt Ion: 88 Resp: 180814
 Ion Ratio Lower Upper
 88 100
 43 28.8 23.1 34.7
 58 70.2 53.1 79.7



#50
 Toluene-d8
 Concen: 151.981 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

Tgt Ion: 98 Resp: 1596778
 Ion Ratio Lower Upper
 98 100
 100 65.3 51.0 76.4

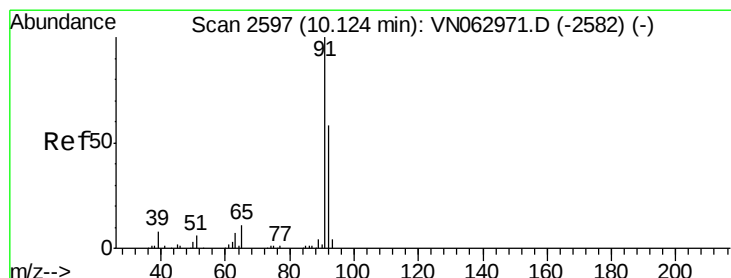
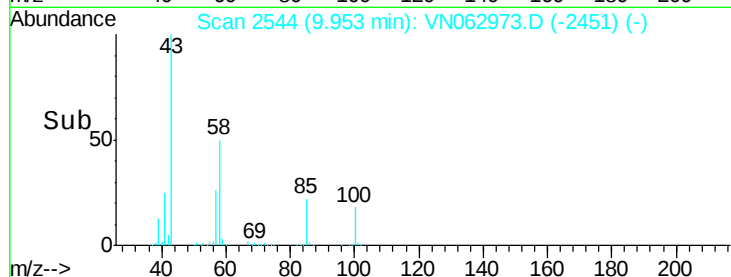
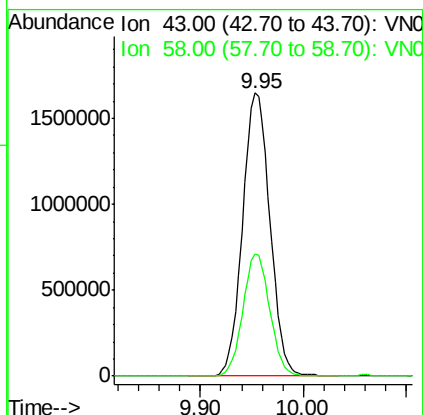
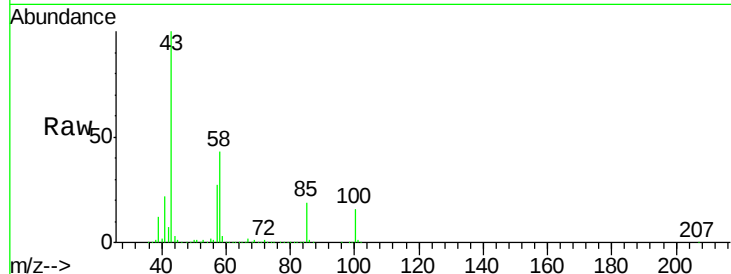




#51
 4-Methyl-2-Pentanone
 Concen: 730.643 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

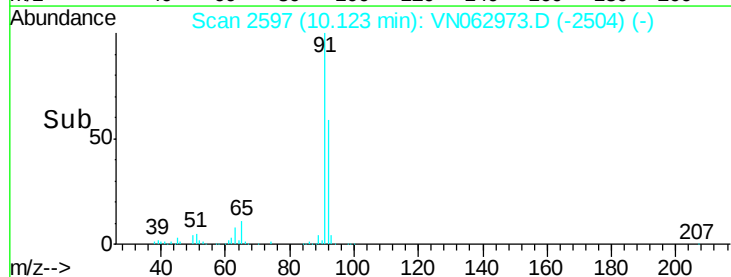
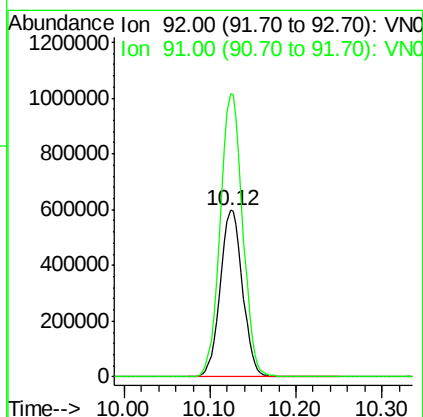
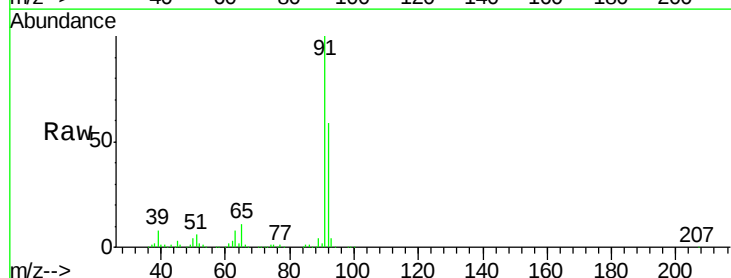
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

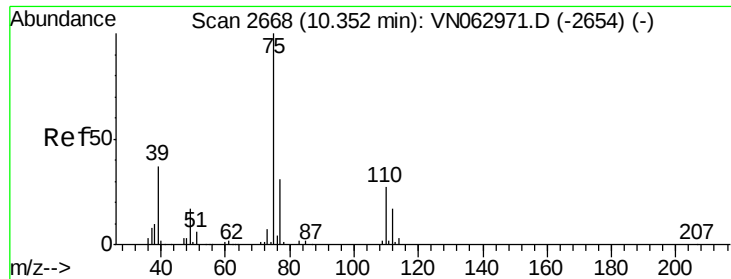
Tgt Ion: 43 Resp: 3033222
 Ion Ratio Lower Upper
 43 100
 58 42.3 34.3 51.5



#52
 Toluene
 Concen: 152.500 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

Tgt Ion: 92 Resp: 1077496
 Ion Ratio Lower Upper
 92 100
 91 171.6 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 143.447 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

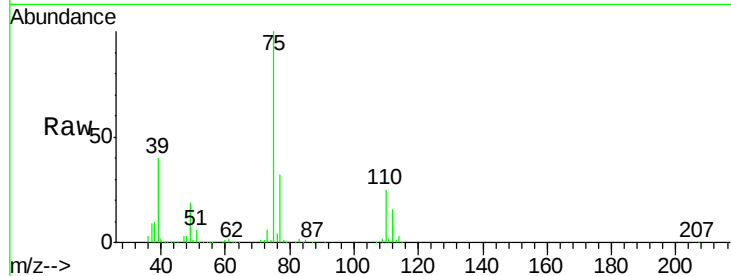
VSTDIC150

Tgt Ion: 75 Resp: 698568

Ion Ratio Lower Upper

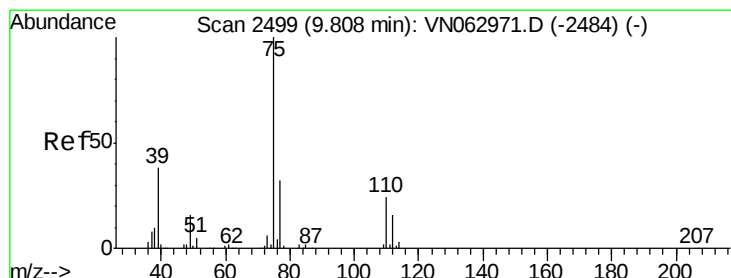
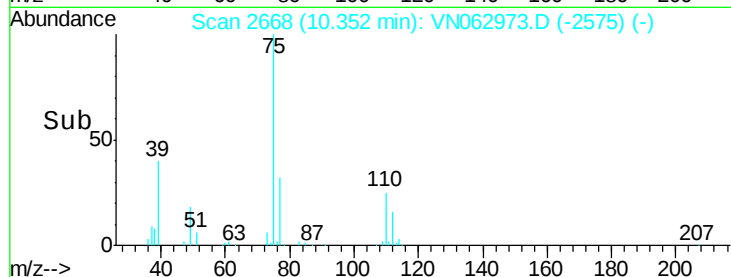
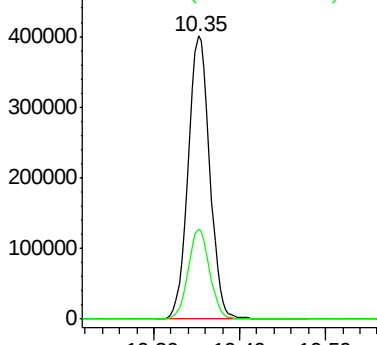
75 100

77 31.8 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 149.710 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

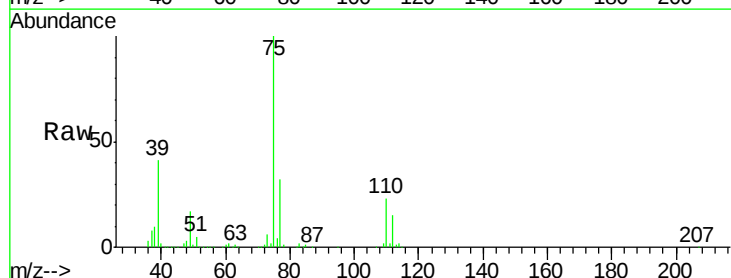
Tgt Ion: 75 Resp: 743876

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2

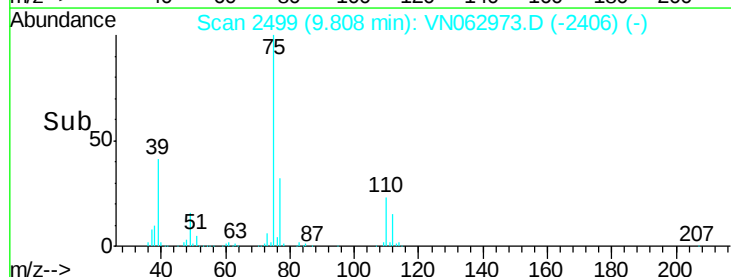
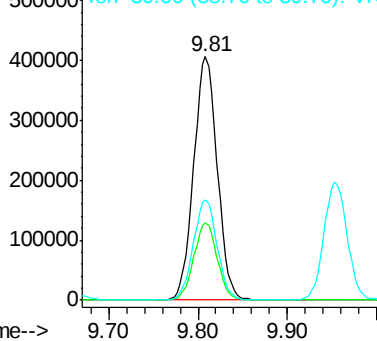
39 41.1 30.6 46.0

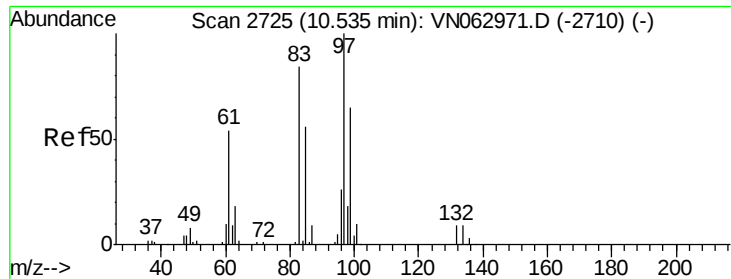


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

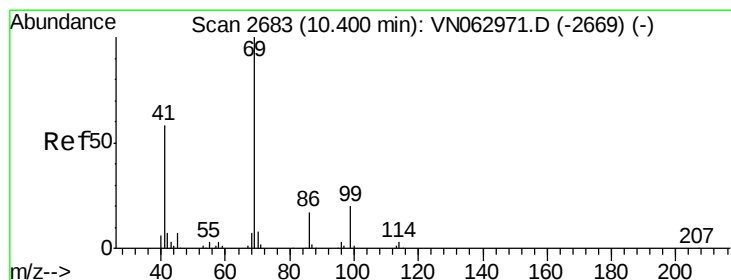
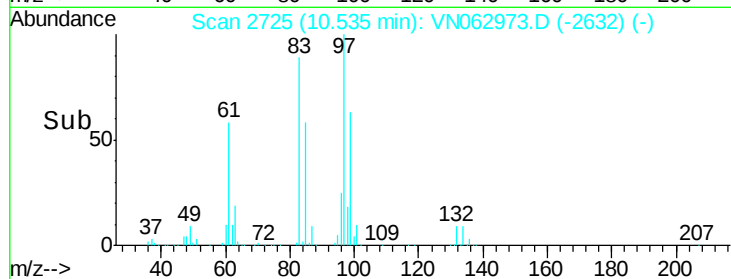
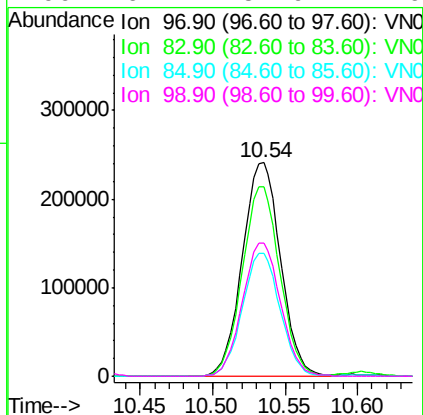
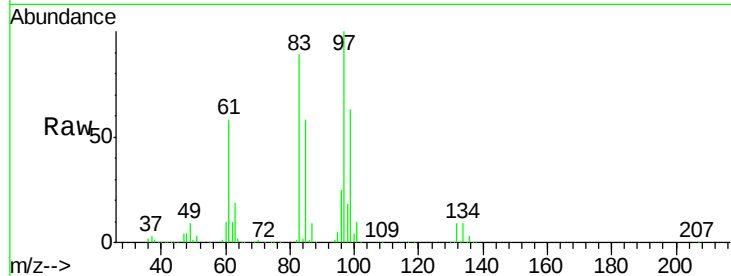




#55
 1,1,2-Trichloroethane
 Concen: 146.214 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

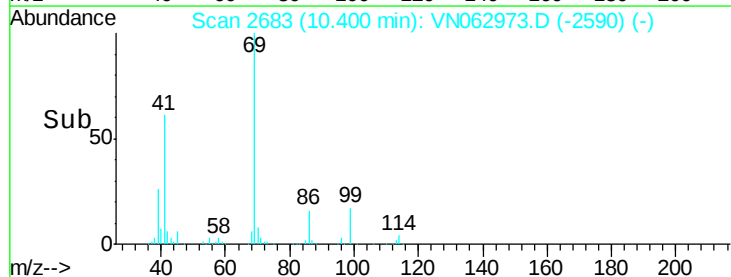
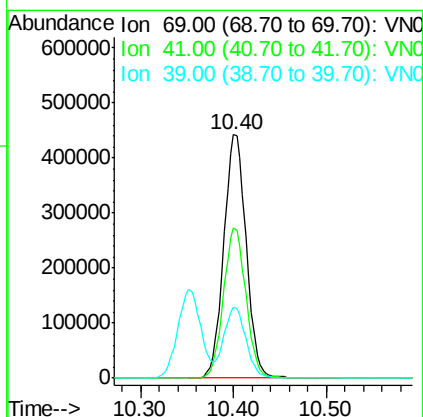
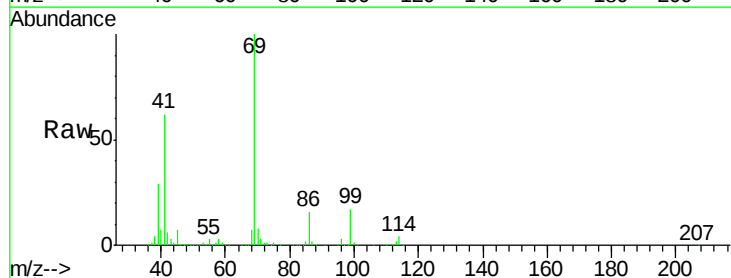
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

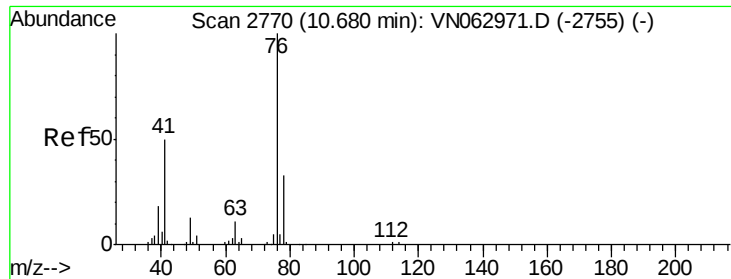
Tgt Ion:	97	Resp:	442416
Ion	Ratio	Lower	Upper
97	100		
83	88.7	67.0	100.4
85	57.7	44.4	66.6
99	62.4	51.9	77.9



#56
 Ethyl methacrylate
 Concen: 167.518 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

Tgt Ion:	69	Resp:	742762
Ion	Ratio	Lower	Upper
69	100		
41	61.1	46.0	69.0
39	28.9	23.4	35.0

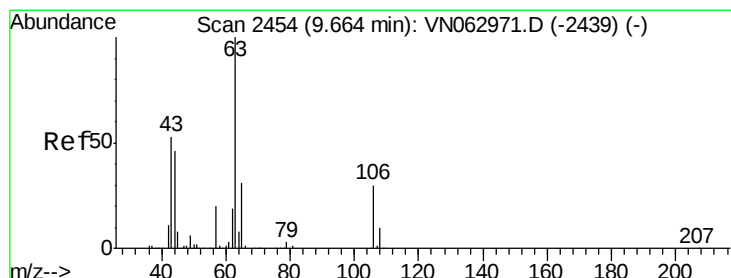
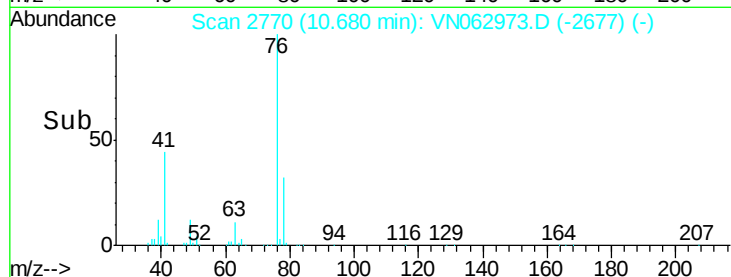
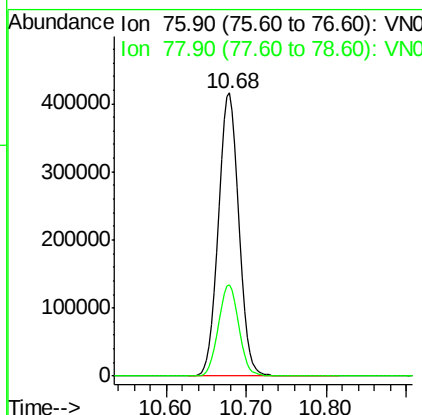
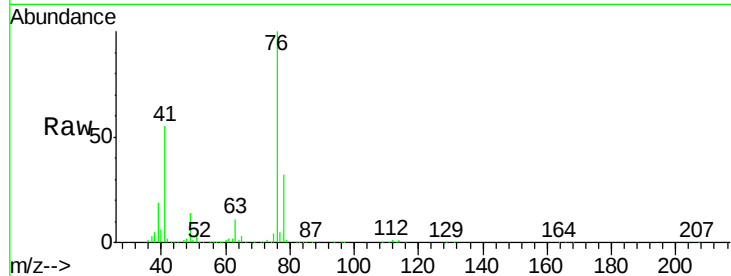




#57
 1,3-Dichloropropane
 Concen: 146.702 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

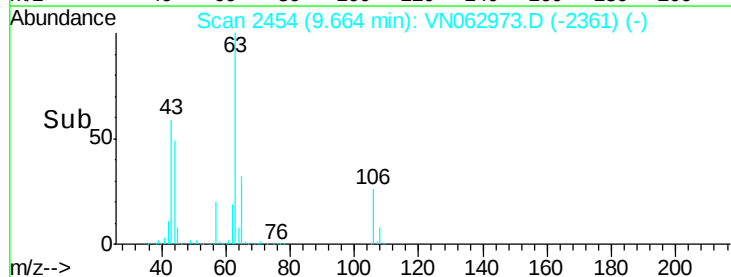
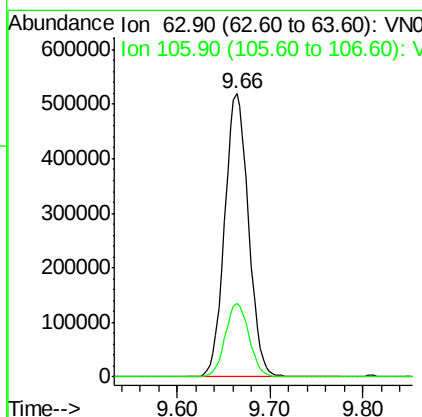
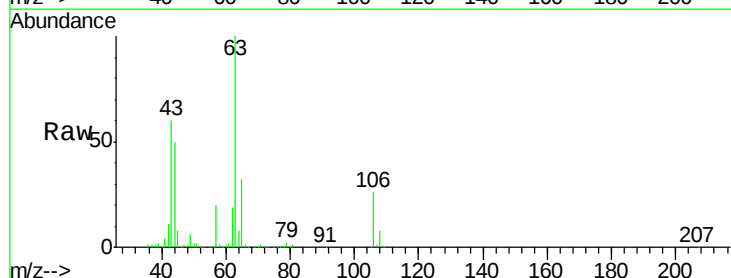
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

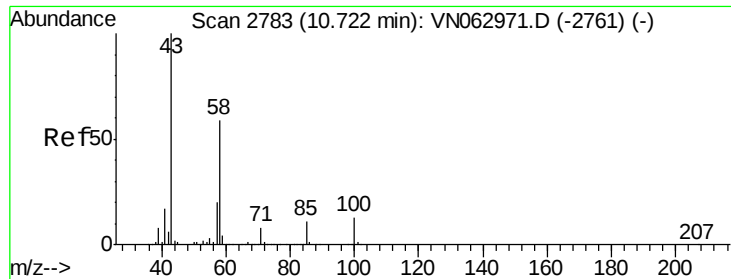
Tgt Ion: 76 Resp: 741835
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 752.282 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

Tgt Ion: 63 Resp: 923134
 Ion Ratio Lower Upper
 63 100
 106 26.1 23.4 35.2

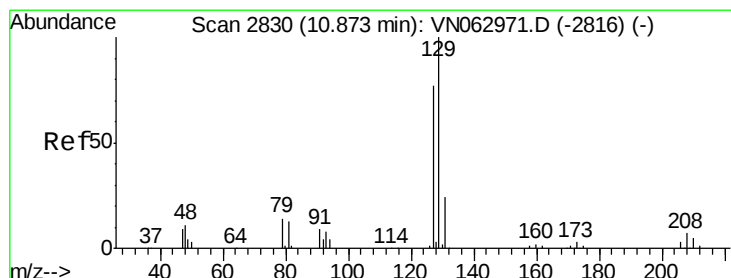
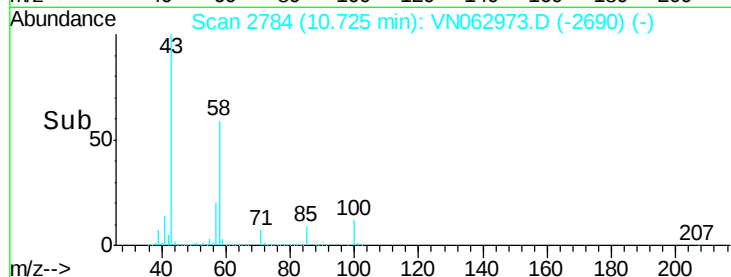
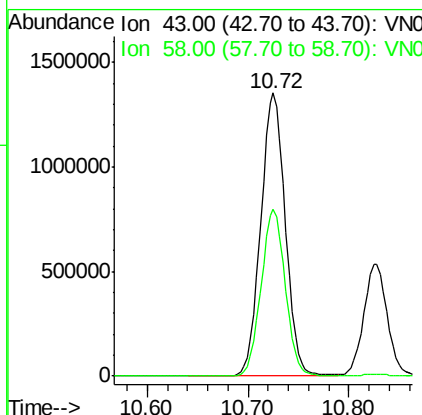
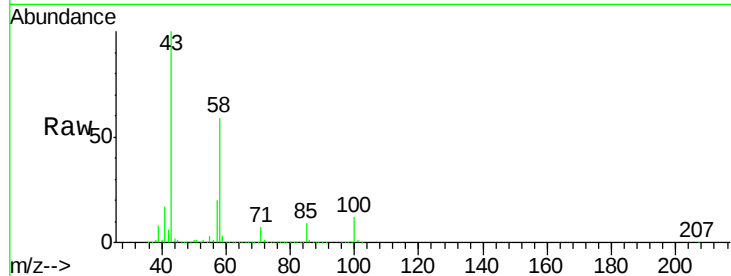




#59
2-Hexanone
Concen: 741.248 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

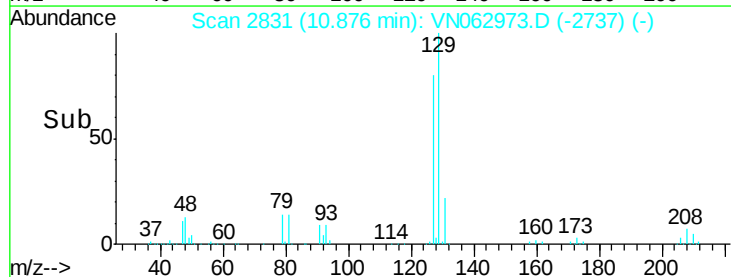
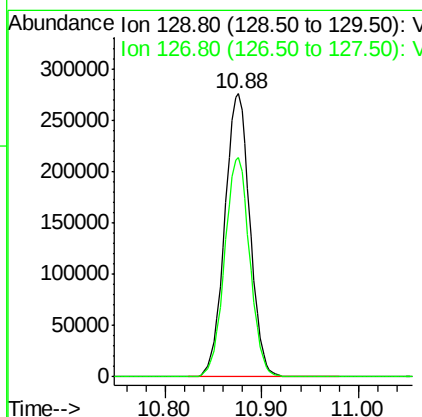
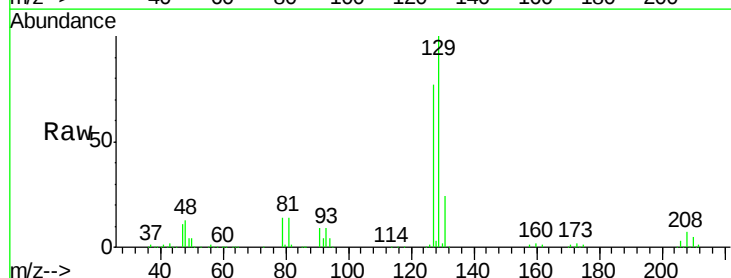
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

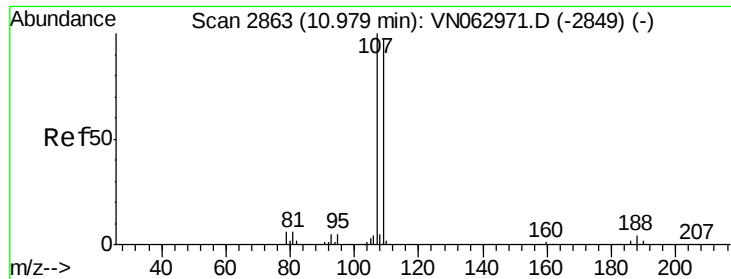
Tgt Ion: 43 Resp: 2283481
Ion Ratio Lower Upper
43 100
58 58.3 29.5 88.5



#60
Dibromochloromethane
Concen: 145.722 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

Tgt Ion: 129 Resp: 499130
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2

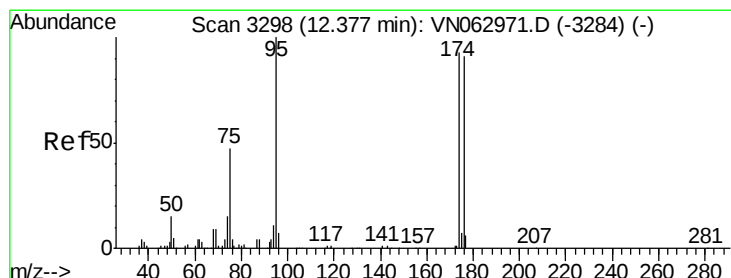
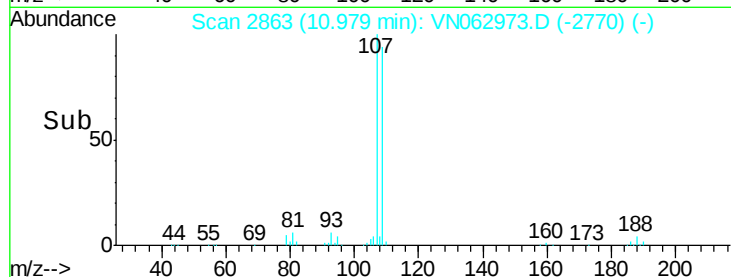
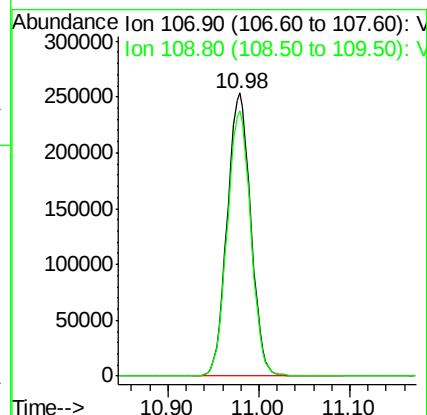
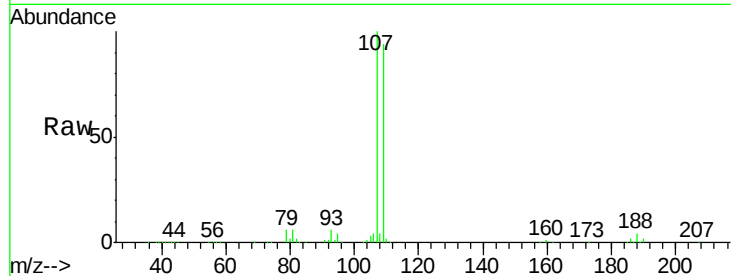




#61
1,2-Dibromoethane
Concen: 153.183 ug/l
RT: 10.98 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

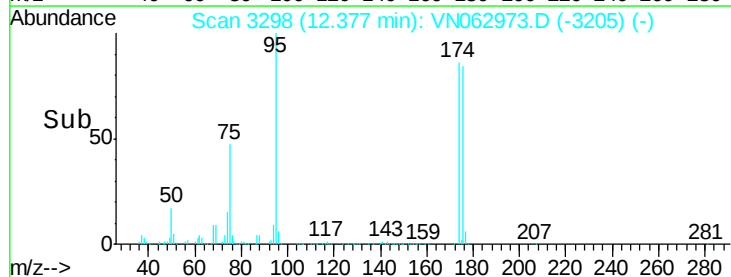
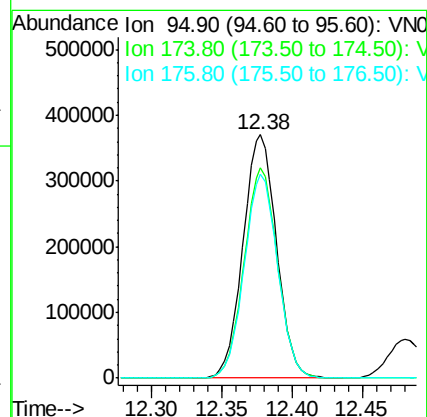
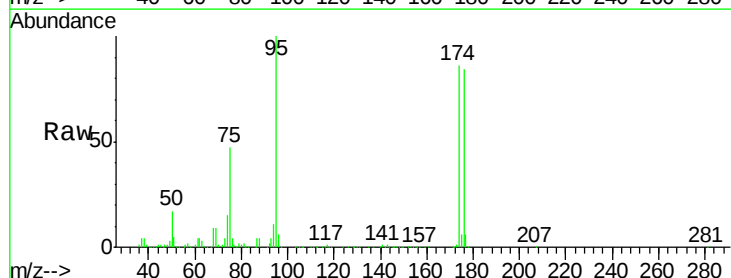
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

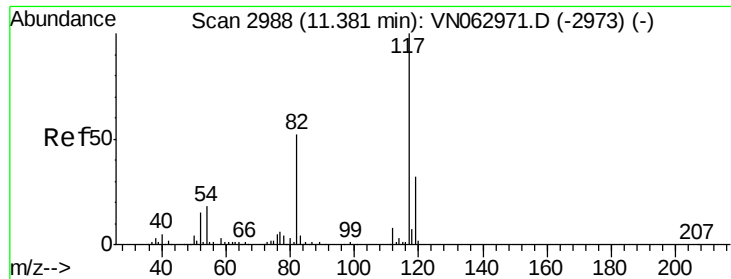
Tgt Ion: 107 Resp: 456714
Ion Ratio Lower Upper
107 100
109 94.1 76.6 115.0



#62
4-Bromofluorobenzene
Concen: 157.978 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

Tgt Ion: 95 Resp: 616437
Ion Ratio Lower Upper
95 100
174 86.2 0.0 185.2
176 83.8 0.0 178.8

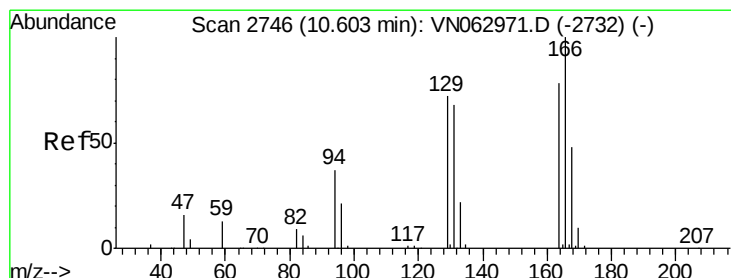
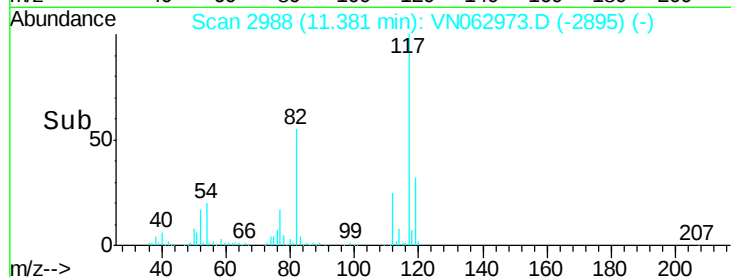
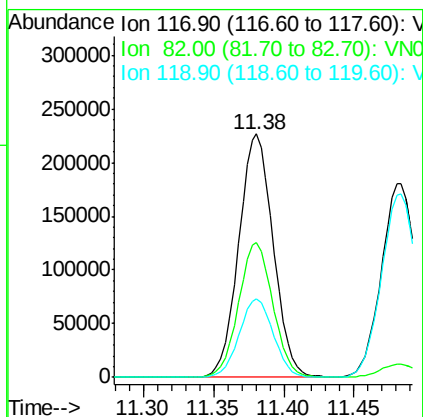
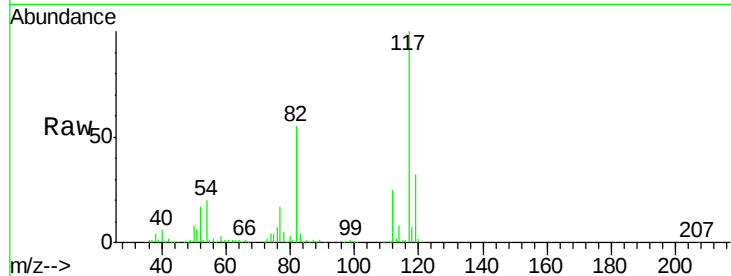




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

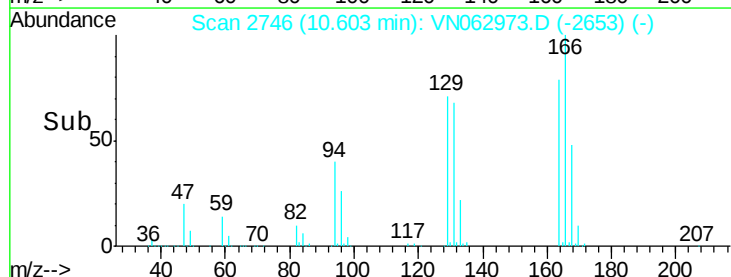
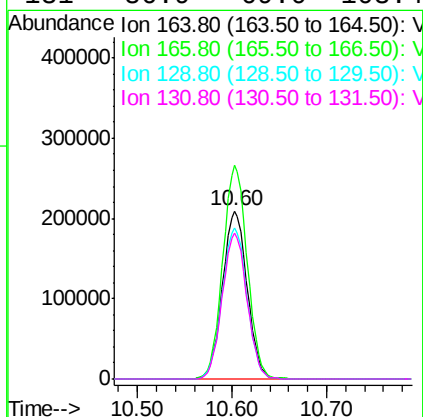
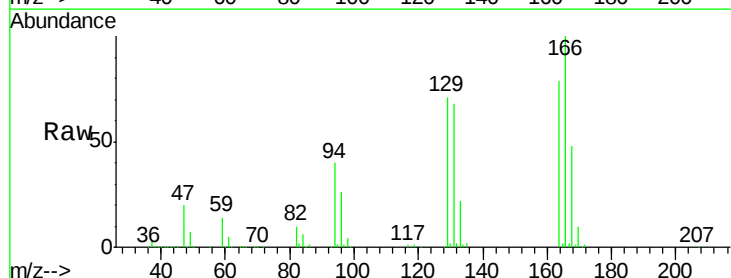
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

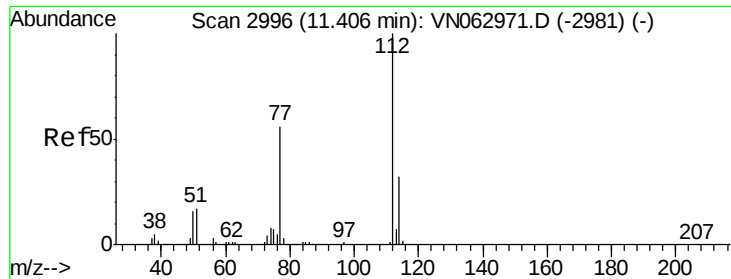
Tgt Ion:117 Resp: 388679
Ion Ratio Lower Upper
117 100
82 55.2 41.3 61.9
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 148.325 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

Tgt Ion:164 Resp: 377110
Ion Ratio Lower Upper
164 100
166 127.3 101.9 152.9
129 89.9 73.1 109.7
131 86.9 69.0 103.4

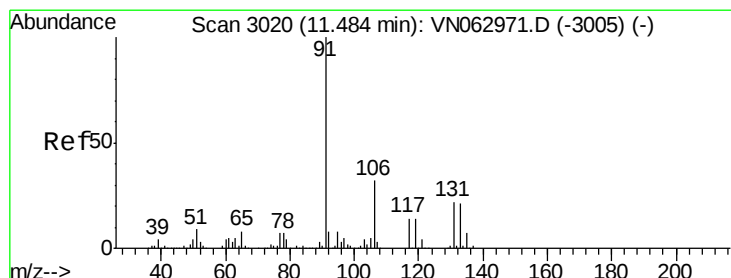
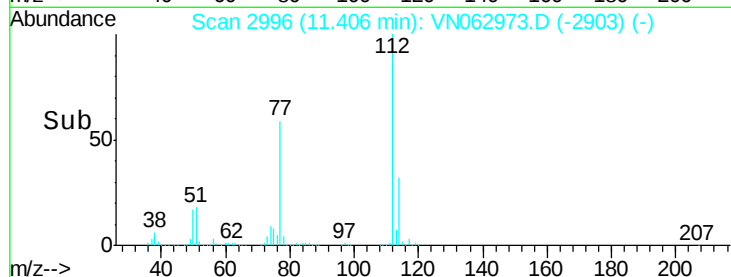
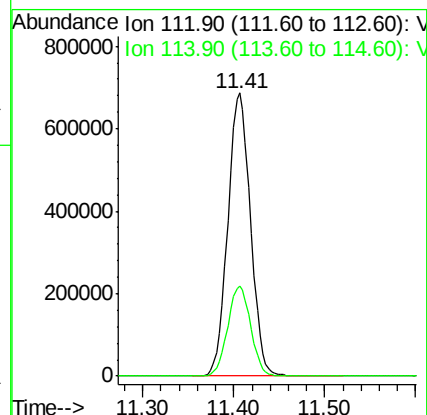
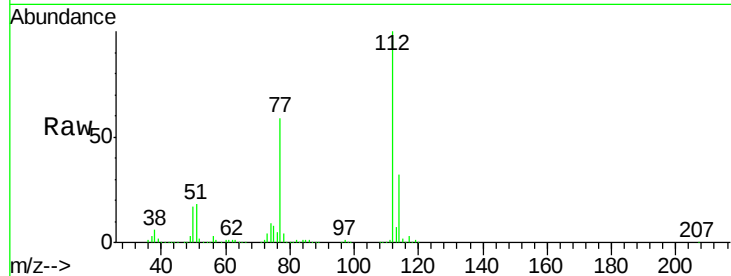




#65
Chlorobenzene
Concen: 146.674 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

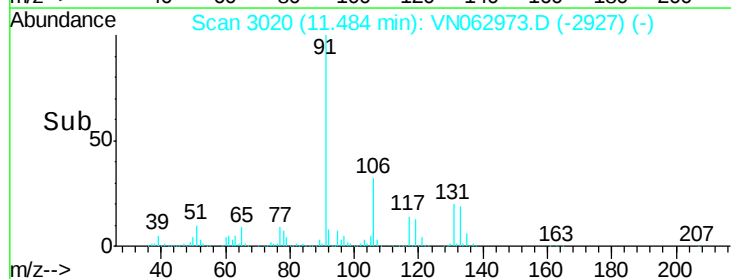
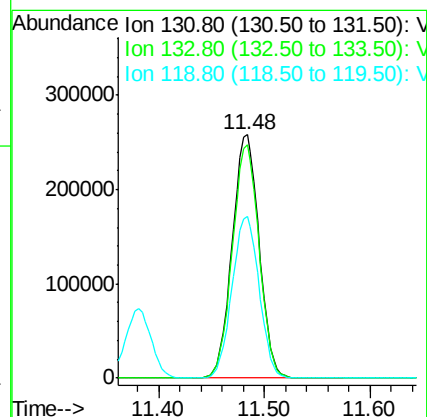
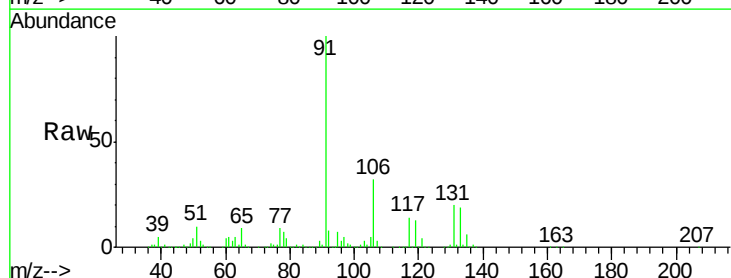
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

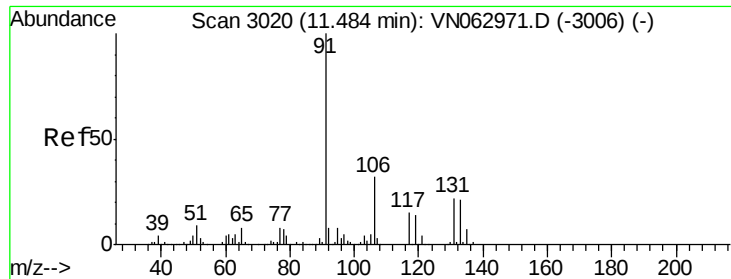
Tgt Ion:112 Resp: 1186513
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 140.971 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

Tgt Ion:131 Resp: 454440
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.4
119 67.0 32.4 97.0

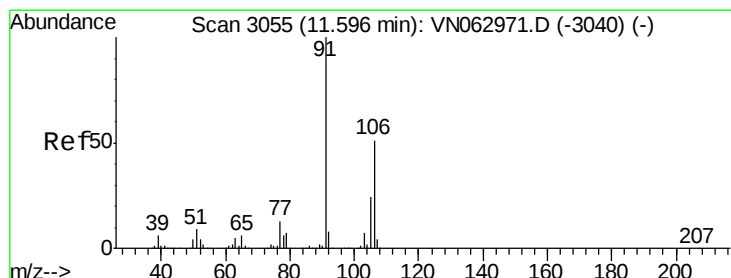
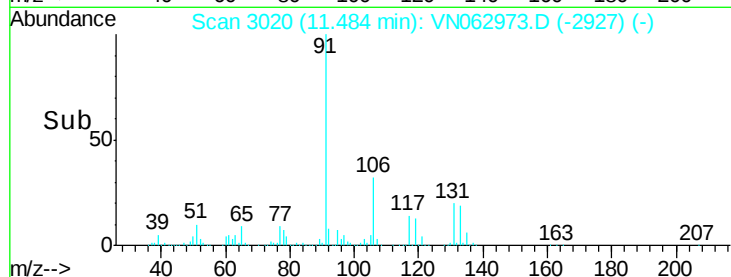
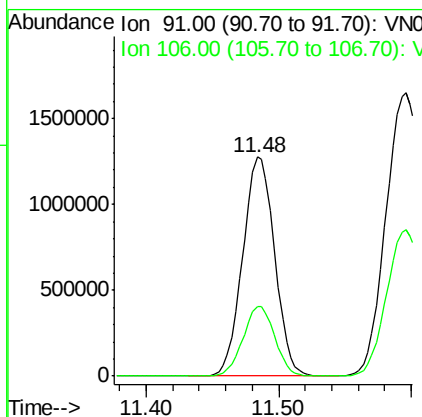
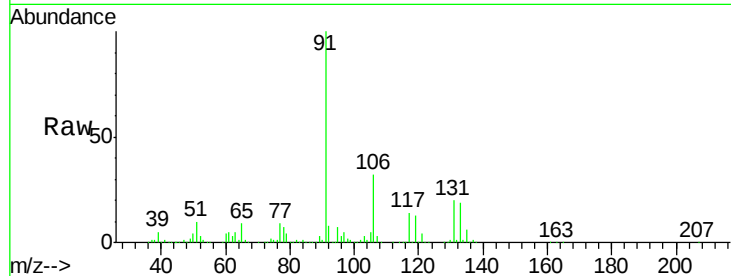




#67
 Ethyl Benzene
 Concen: 149.964 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

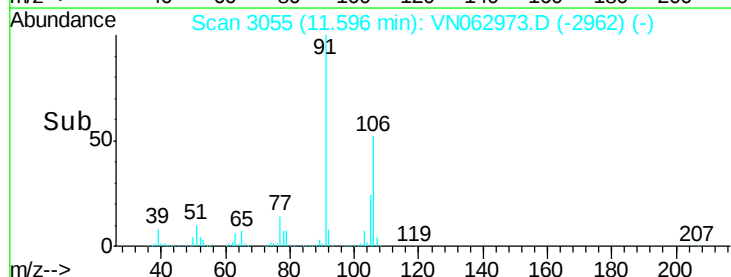
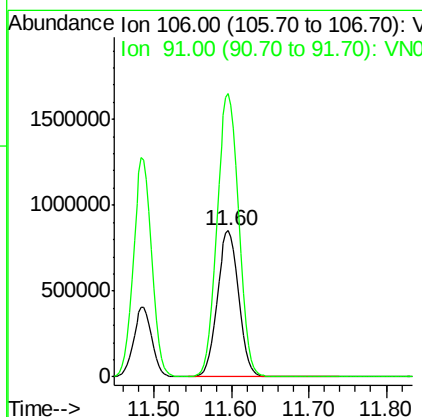
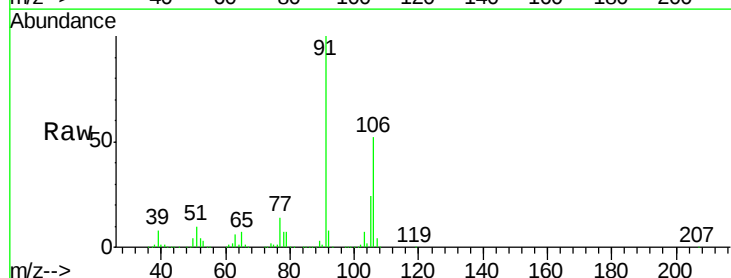
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

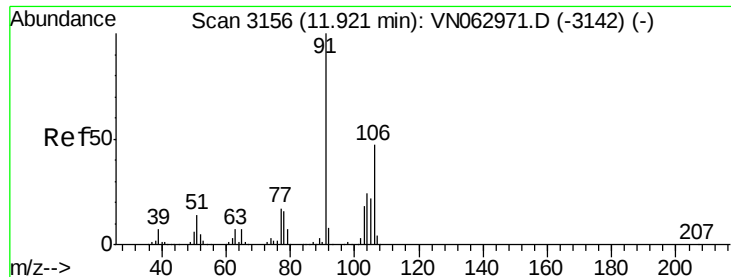
Tgt Ion: 91 Resp: 2140774
 Ion Ratio Lower Upper
 91 100
 106 31.7 25.9 38.9



#68
 m/p-Xylenes
 Concen: 313.887 ug/l
 RT: 11.60 min Scan# 3055
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

Tgt Ion: 106 Resp: 1642657
 Ion Ratio Lower Upper
 106 100
 91 198.6 158.7 238.1

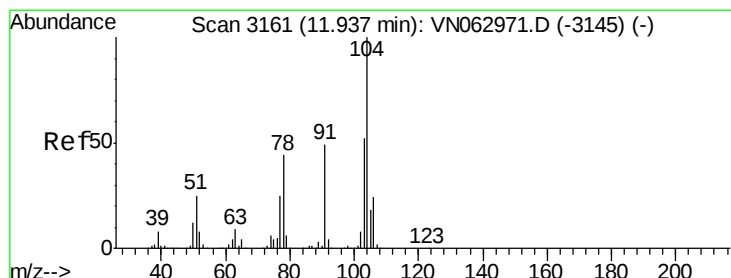
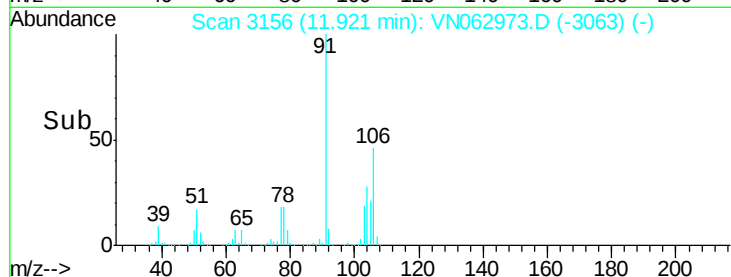
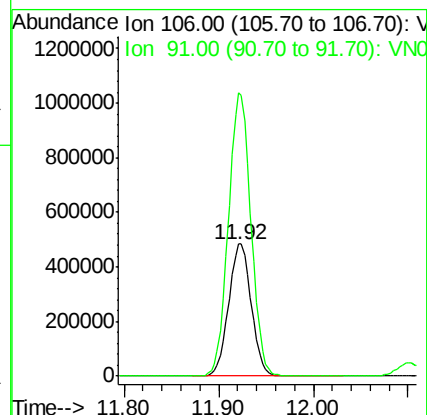
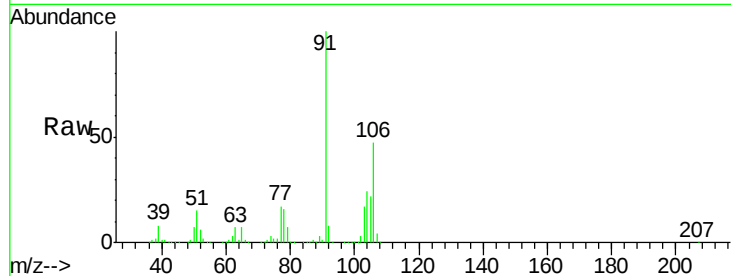




#69
o-Xylene
Concen: 163.993 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

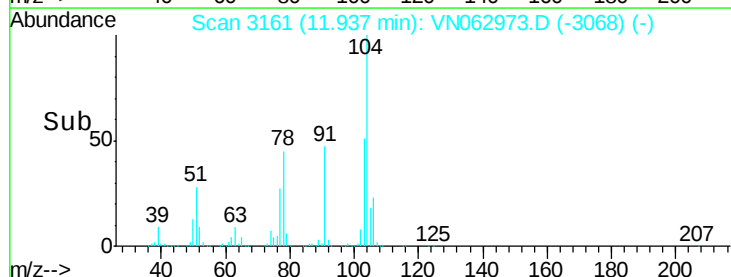
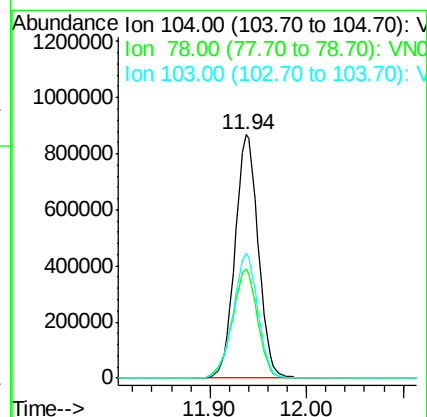
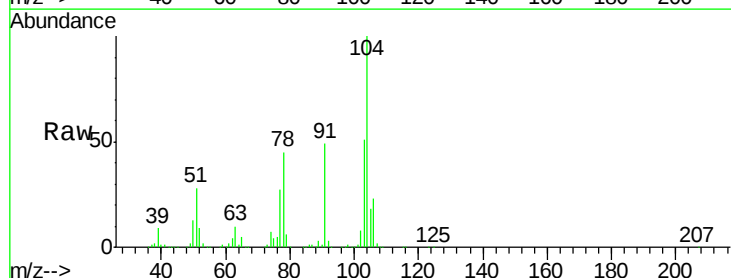
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

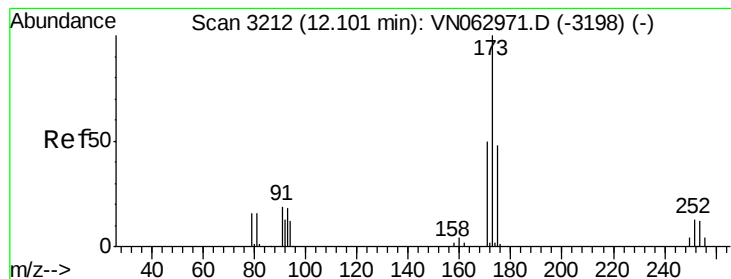
Tgt Ion:106 Resp: 802465
Ion Ratio Lower Upper
106 100
91 213.6 106.3 318.8



#70
Styrene
Concen: 168.184 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062973.D
Acq: 17 Aug 2020 15:26

Tgt Ion:104 Resp: 1445667
Ion Ratio Lower Upper
104 100
78 48.7 38.2 57.4
103 54.6 44.9 67.3





#71

Bromoform

Concen: 155.920 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

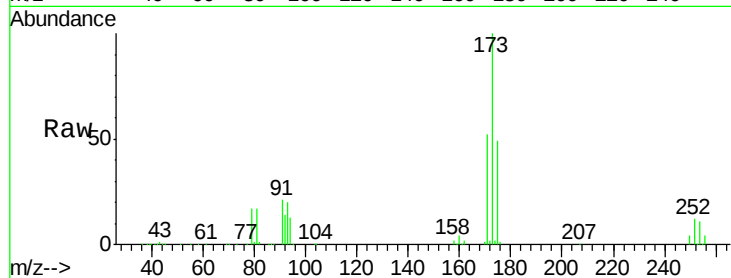
Tgt Ion:173 Resp: 415233

Ion Ratio Lower Upper

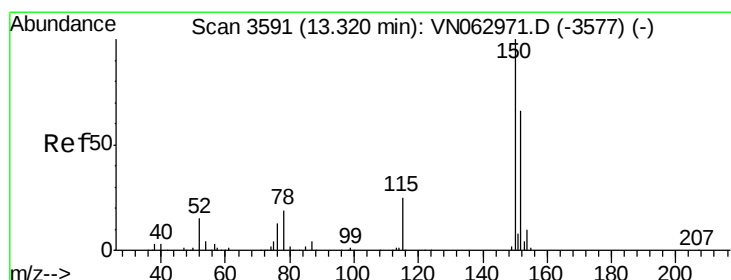
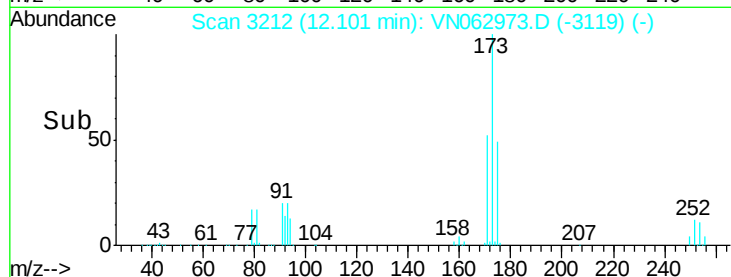
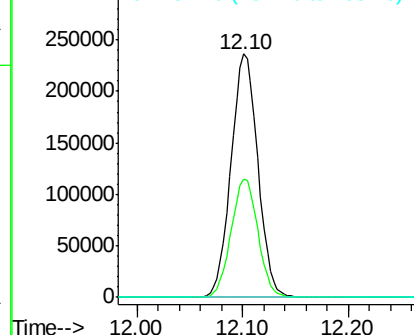
173 100

175 48.7 24.1 72.2

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

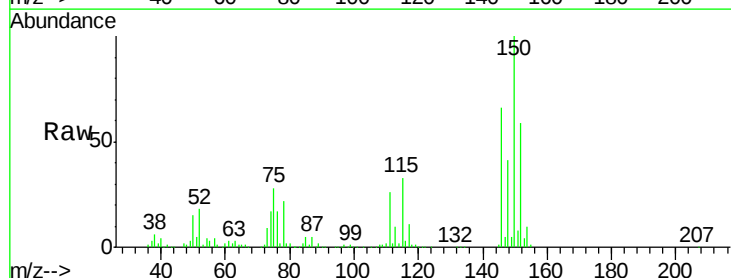
Tgt Ion:152 Resp: 211573

Ion Ratio Lower Upper

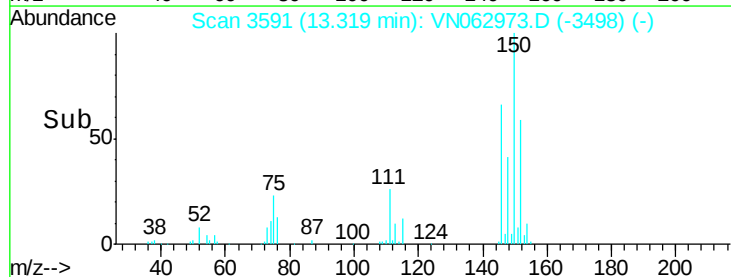
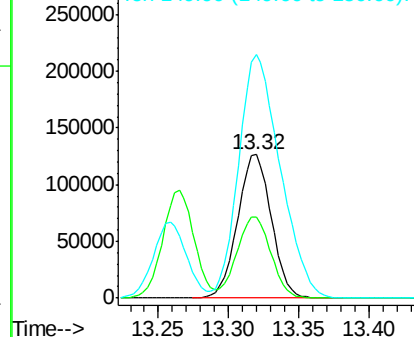
152 100

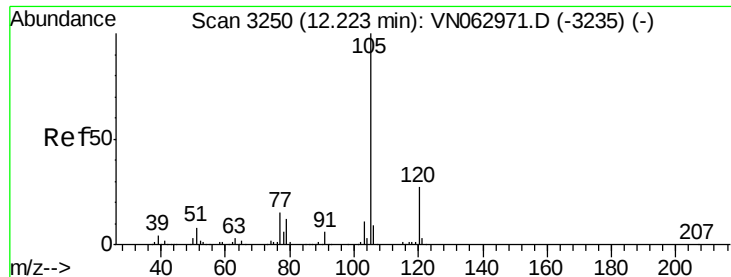
115 56.7 27.1 81.3

150 209.1 0.0 341.4



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





#73

Isopropylbenzene

Concen: 137.379 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Instrument :

MSVOA_N

ClientSampled :

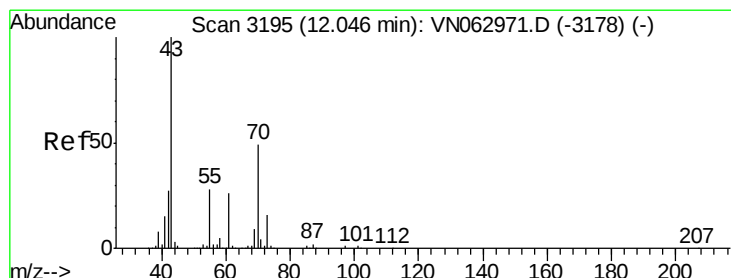
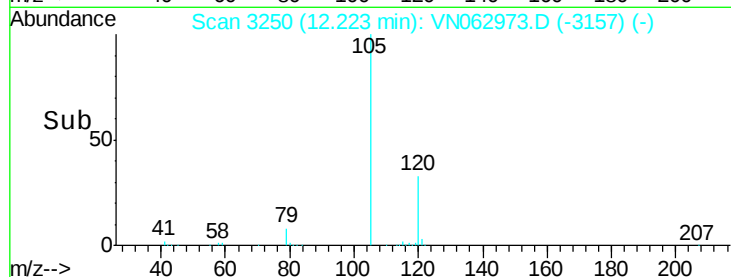
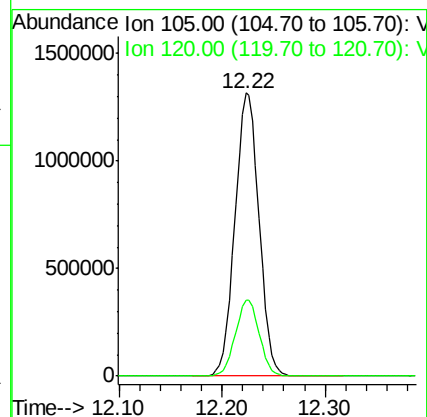
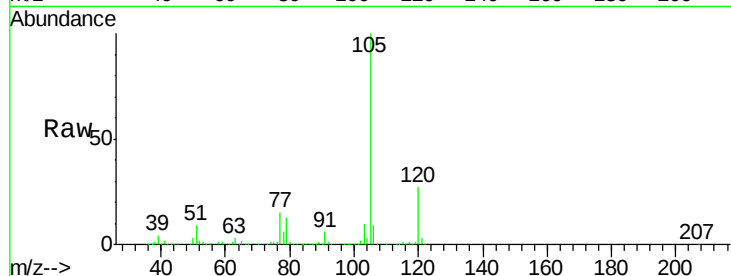
VSTDIC150

Tgt Ion:105 Resp: 2142858

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



#74

N-ethyl acetate

Concen: 148.056 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Tgt Ion: 43 Resp: 900547

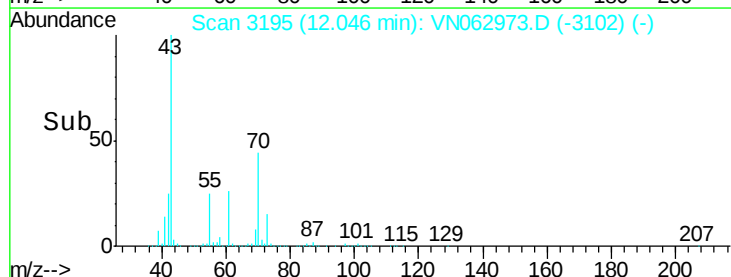
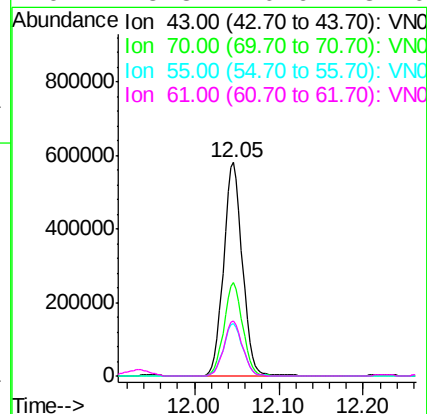
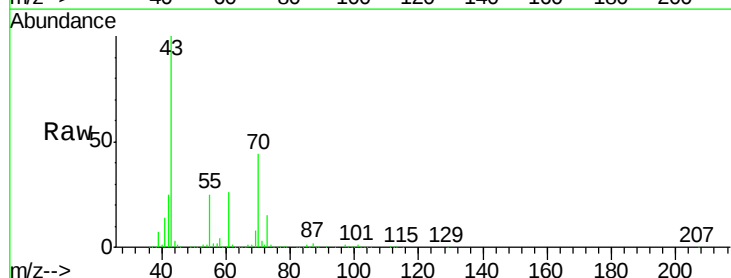
Ion Ratio Lower Upper

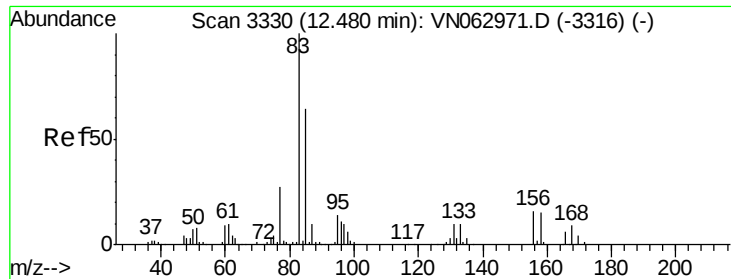
43 100

70 43.6 38.4 57.6

55 25.4 21.9 32.9

61 25.8 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 128.664 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

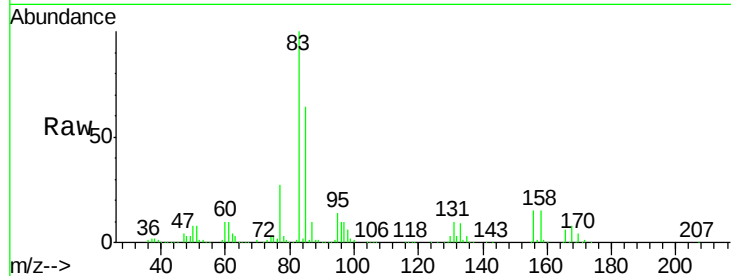
Tgt Ion: 83 Resp: 705824

Ion Ratio Lower Upper

83 100

131 10.0 5.3 16.1

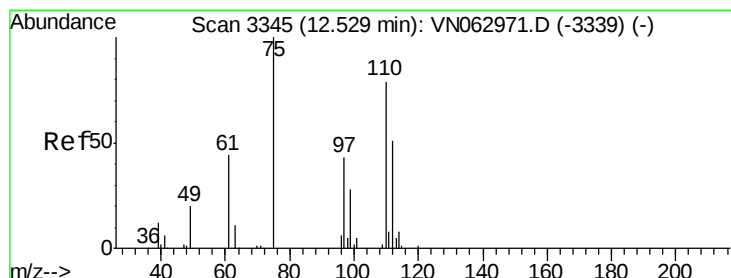
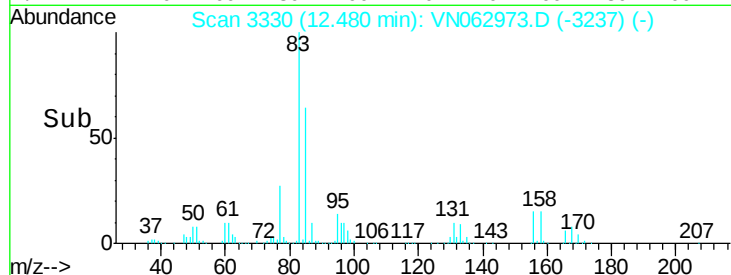
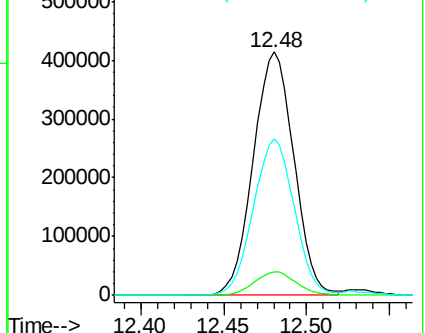
85 64.6 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VN062973.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062973.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062973.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 167.186 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062973.D

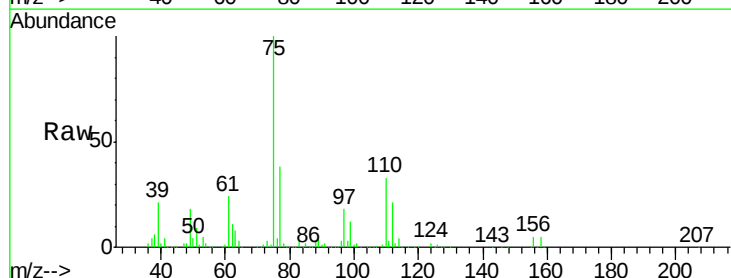
Acq: 17 Aug 2020 15:26

Tgt Ion: 75 Resp: 915735

Ion Ratio Lower Upper

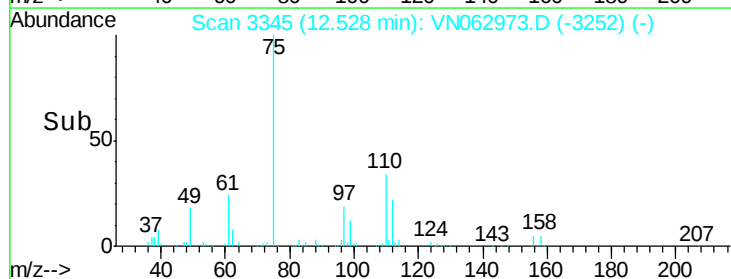
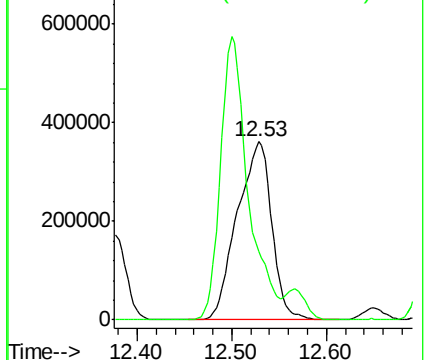
75 100

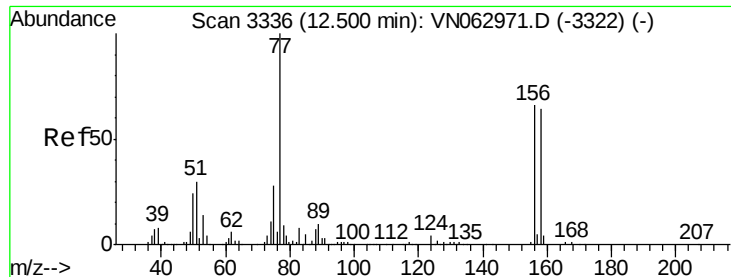
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062973.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062973.D (-3252) (-)





#77

Bromobenzene

Concen: 145.856 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

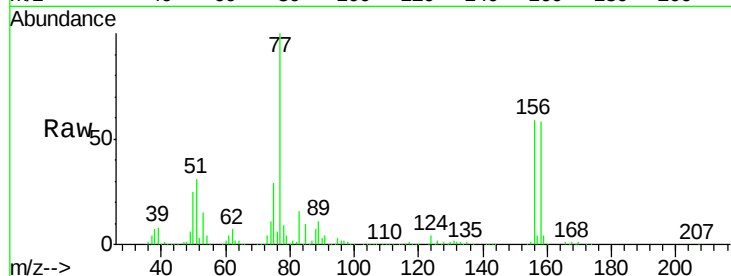
Tgt Ion:156 Resp: 580048

Ion Ratio Lower Upper

156 100

77 201.0 92.4 277.2

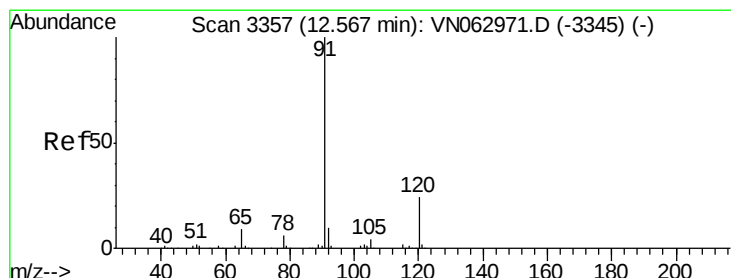
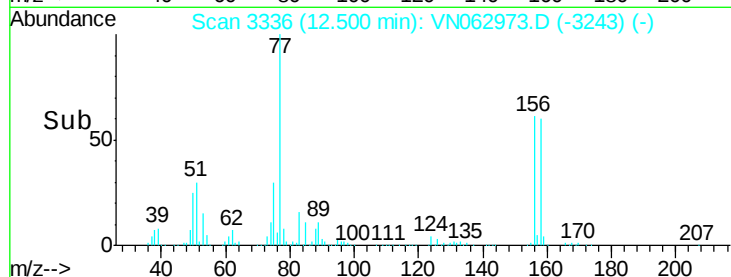
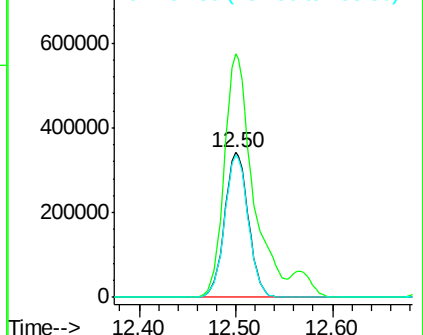
158 97.7 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 139.881 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062973.D

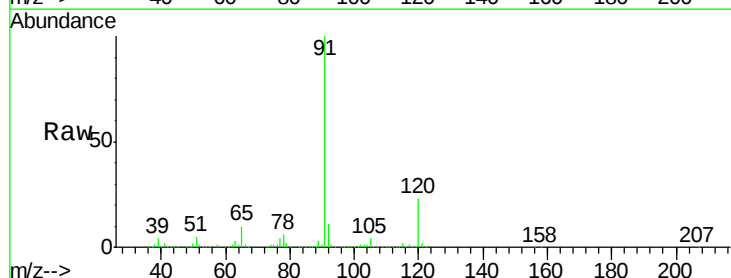
Acq: 17 Aug 2020 15:26

Tgt Ion: 91 Resp: 2552476

Ion Ratio Lower Upper

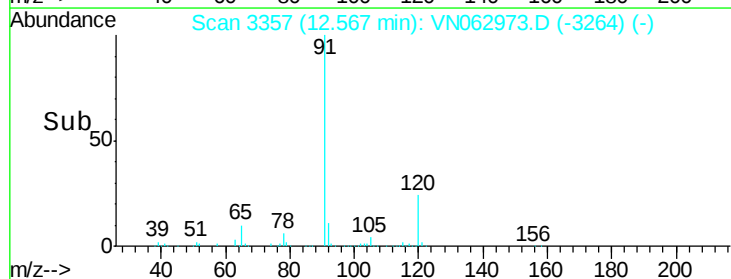
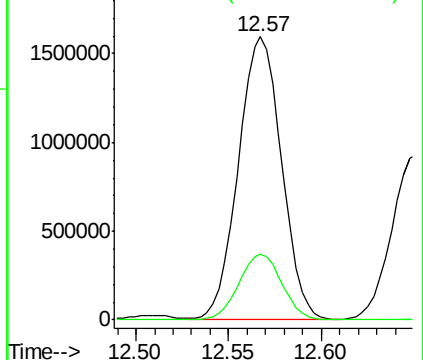
91 100

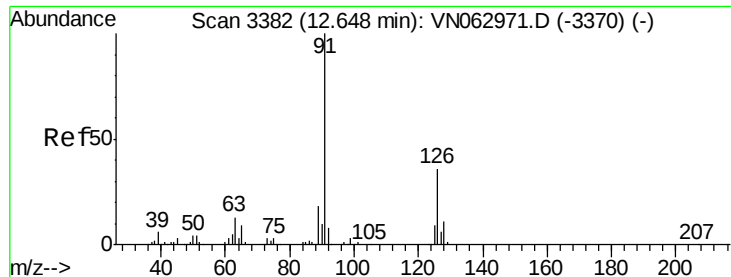
120 23.4 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 133.856 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

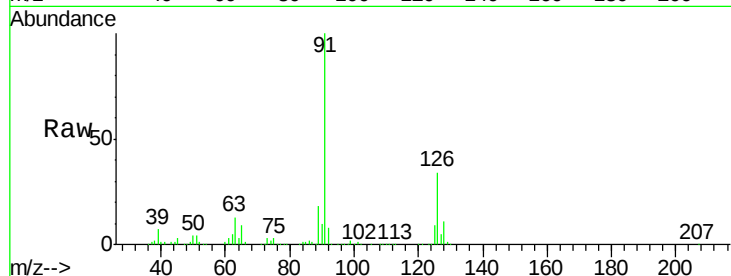
VSTDIC150

Tgt Ion: 91 Resp: 1524362

Ion Ratio Lower Upper

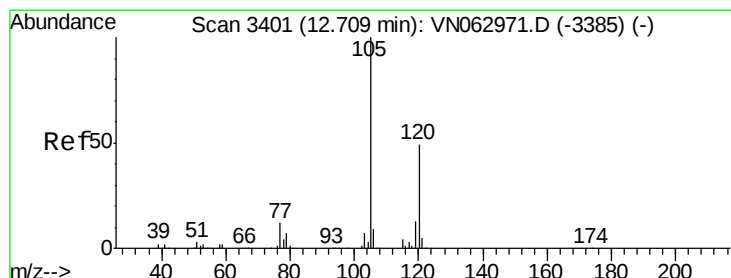
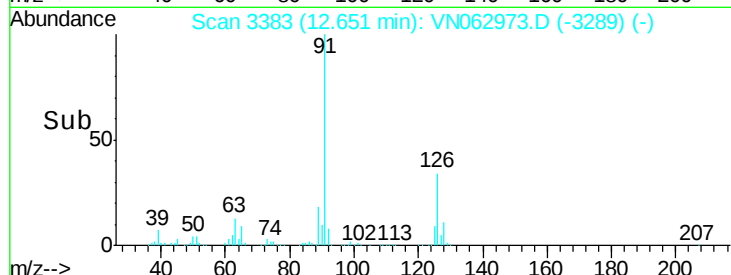
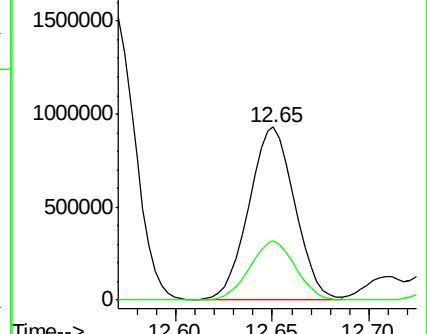
91 100

126 34.2 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VN062971.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062971.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 141.148 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062973.D

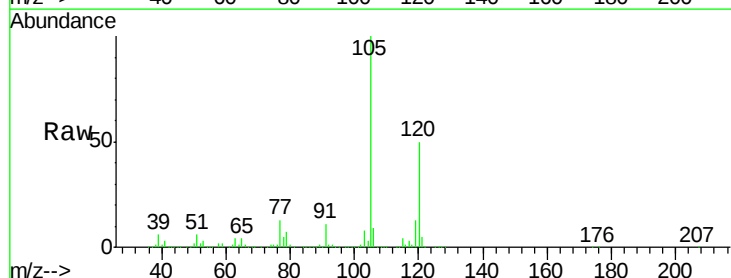
Acq: 17 Aug 2020 15:26

Tgt Ion: 105 Resp: 1906498

Ion Ratio Lower Upper

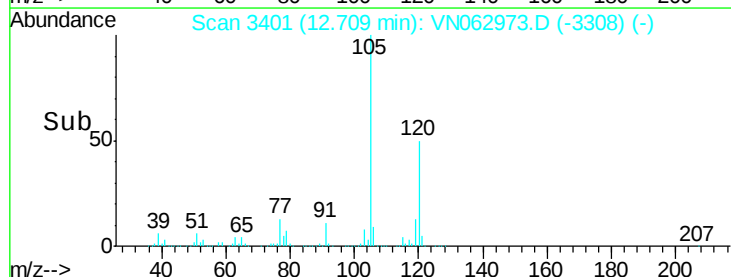
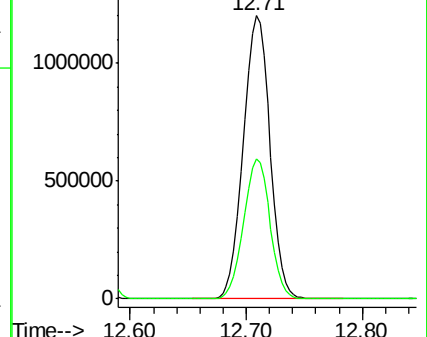
105 100

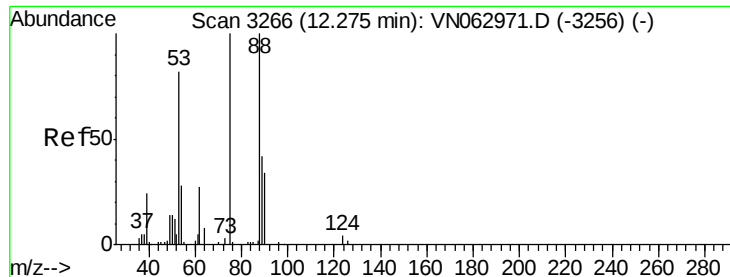
120 49.1 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN062971.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN062971.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 145.654 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

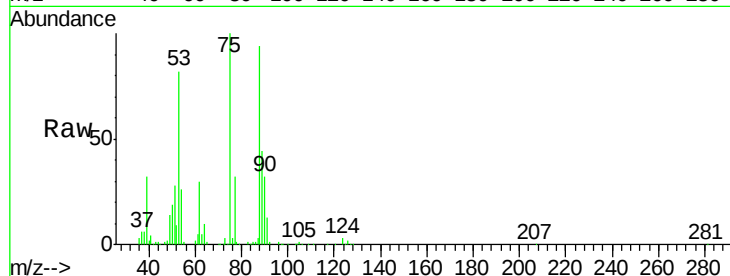
Tgt Ion: 75 Resp: 259239

Ion Ratio Lower Upper

75 100

53 83.1 66.2 99.2

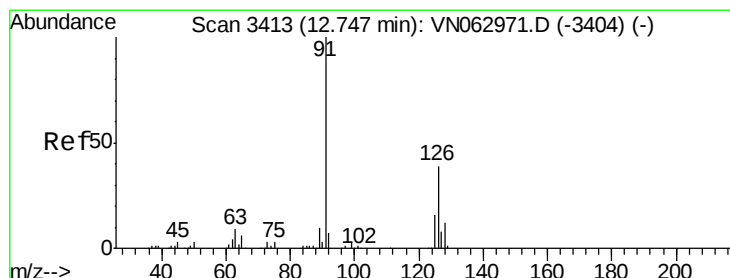
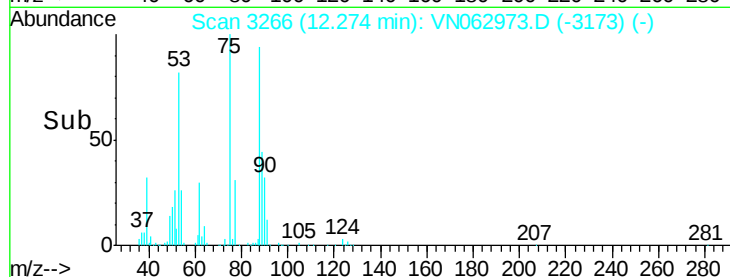
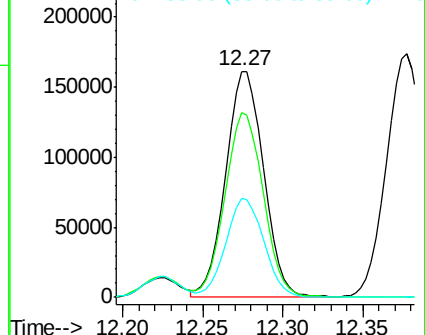
89 44.3 35.0 52.4



Abundance Ion 74.90 (74.60 to 75.60): VN062973.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062973.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062973.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 138.555 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062973.D

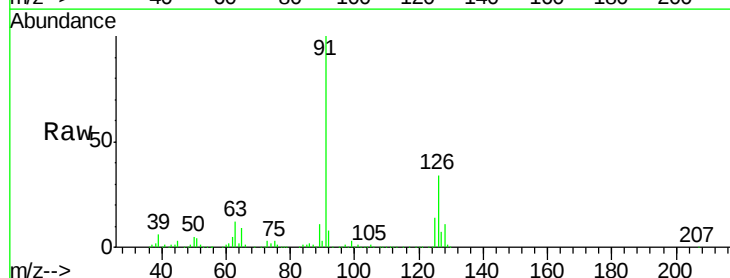
Acq: 17 Aug 2020 15:26

Tgt Ion: 91 Resp: 1629660

Ion Ratio Lower Upper

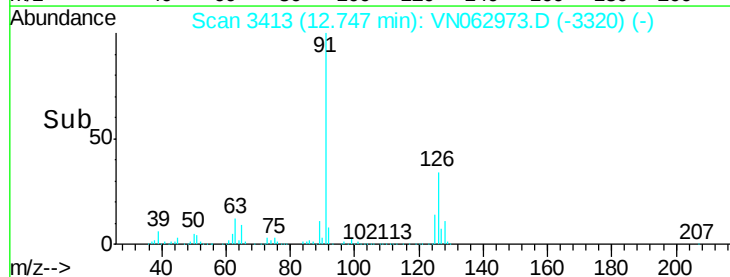
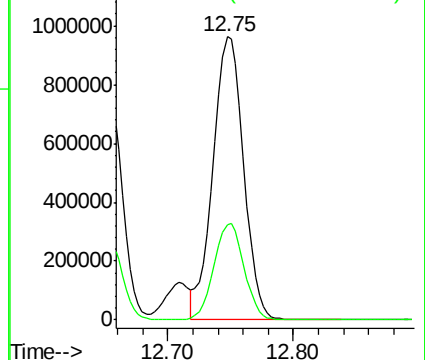
91 100

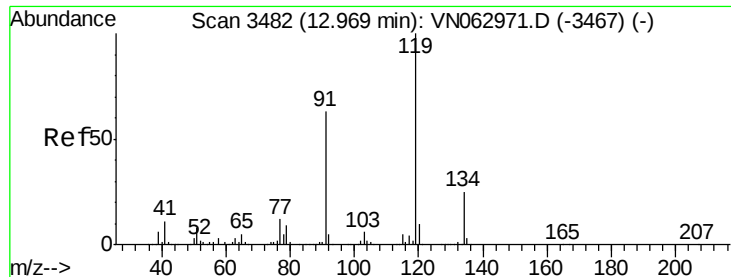
126 33.4 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN062973.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062973.D (-3320) (-)

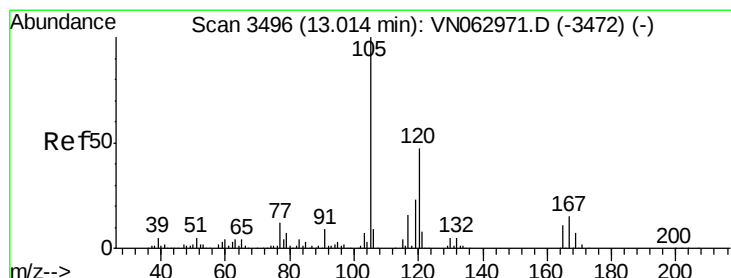
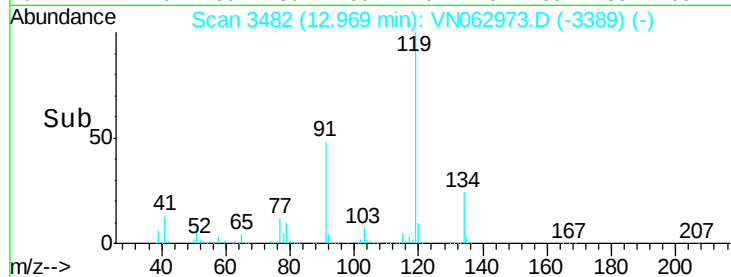
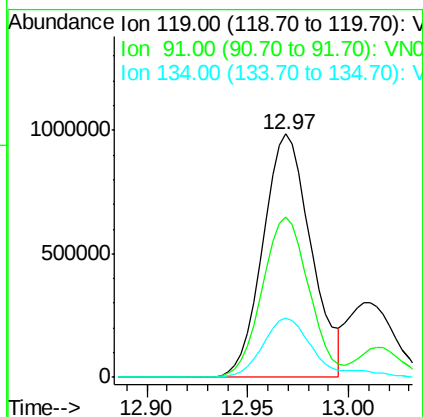
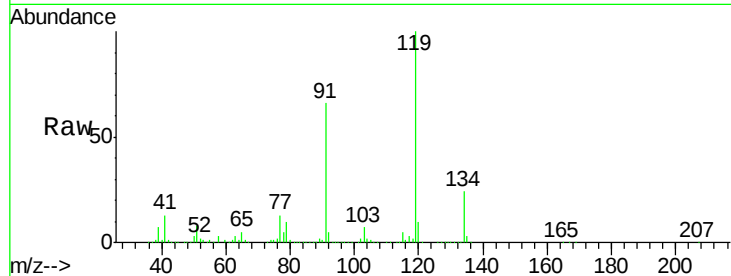




#83
 tert-Butylbenzene
 Concen: 142.251 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

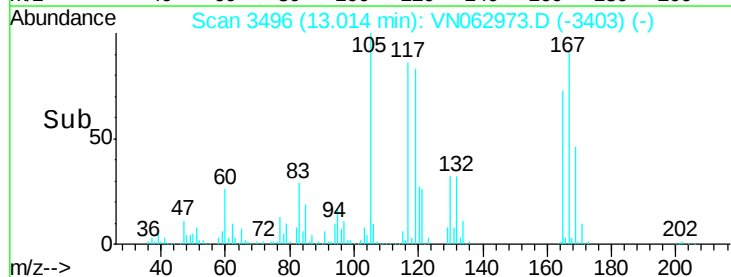
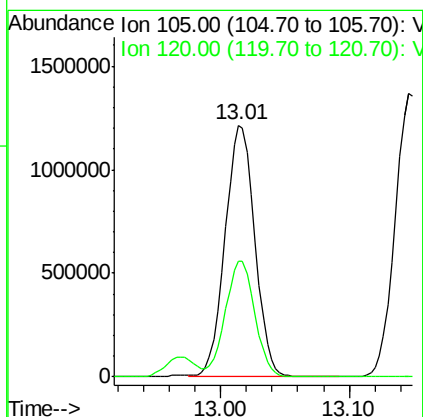
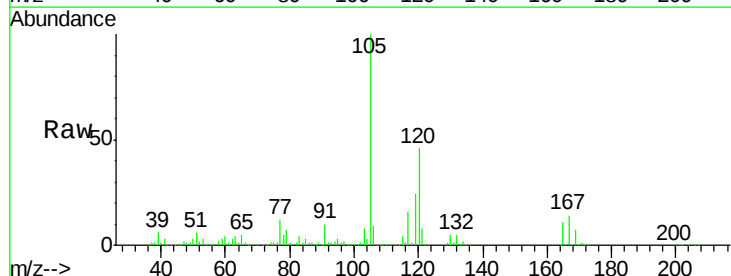
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

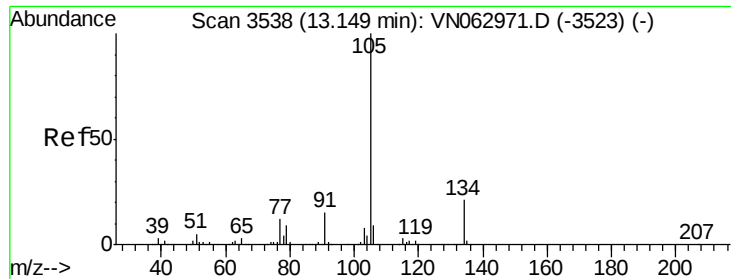
Tgt Ion:119 Resp: 1633517
 Ion Ratio Lower Upper
 119 100
 91 64.2 31.0 93.0
 134 25.9 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 149.681 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

Tgt Ion:105 Resp: 1935420
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.2 69.6

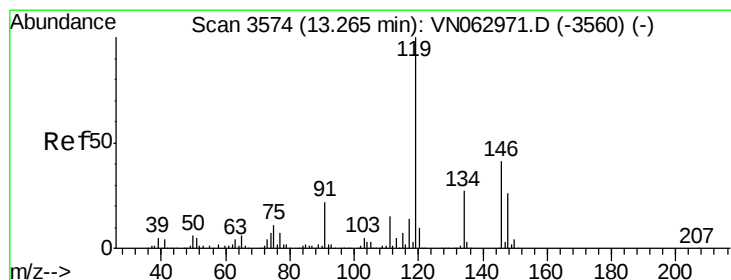
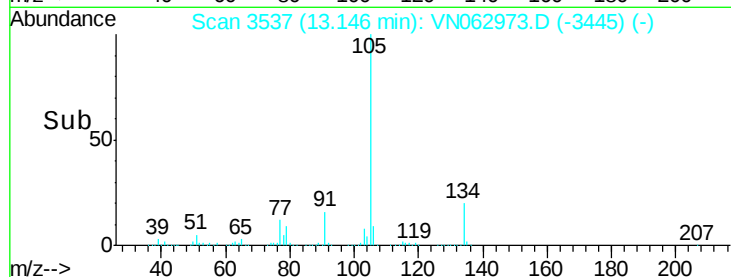
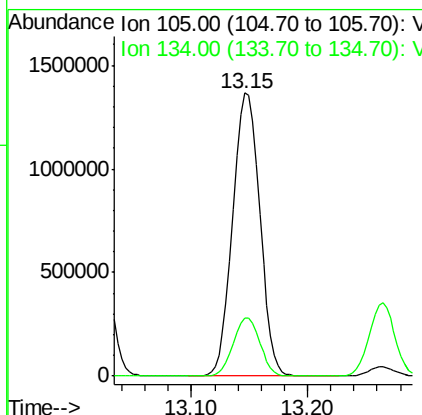
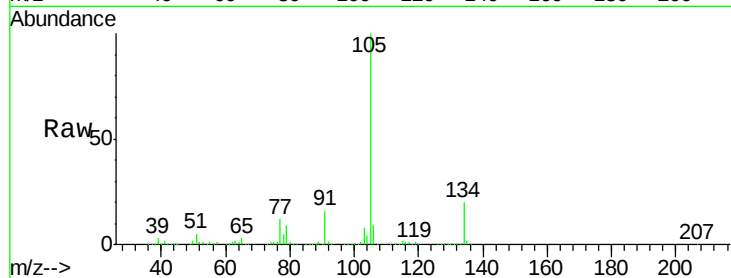




#85
 sec-Butylbenzene
 Concen: 146.548 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

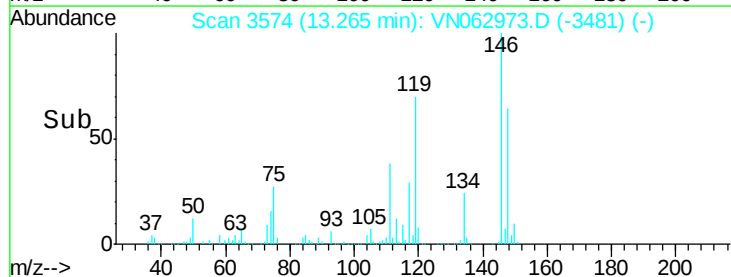
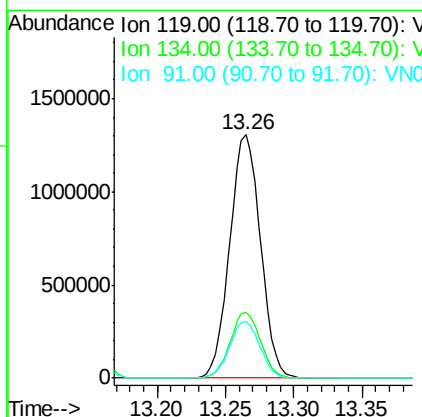
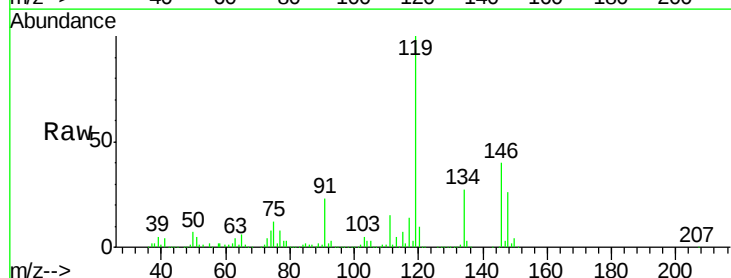
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

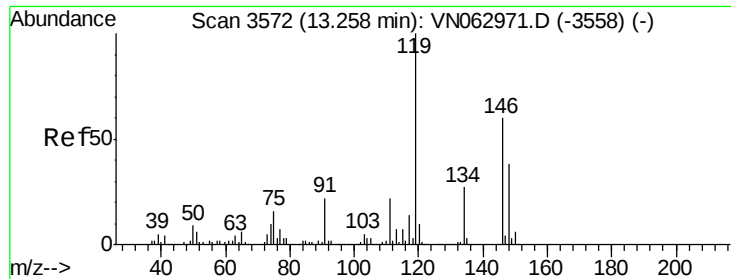
Tgt Ion:105 Resp: 2206967
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 152.410 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

Tgt Ion:119 Resp: 2039710
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.6 40.7
 91 23.1 11.1 33.1

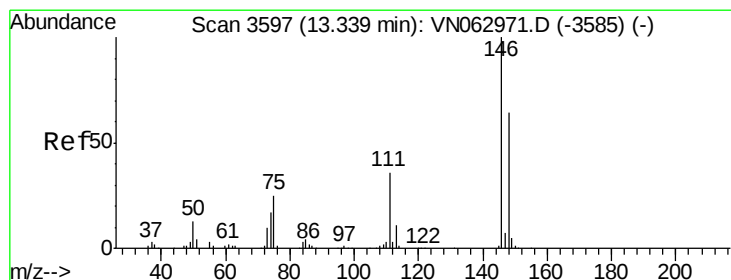
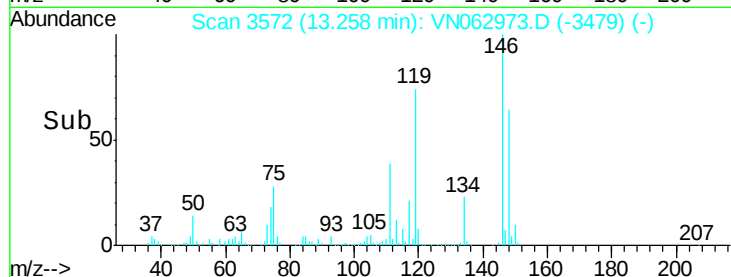
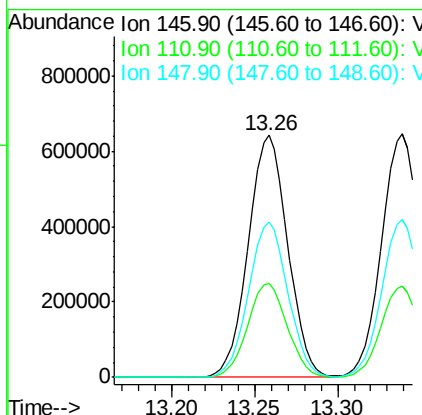
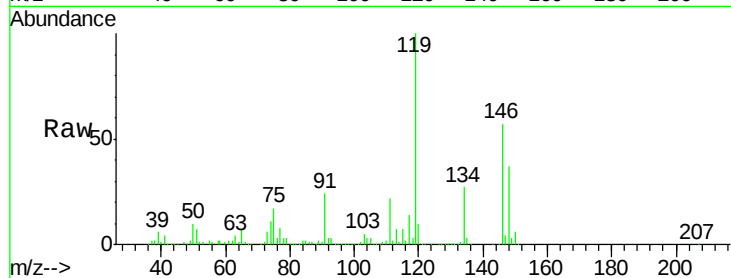




#87
 1,3-Dichlorobenzene
 Concen: 150.740 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

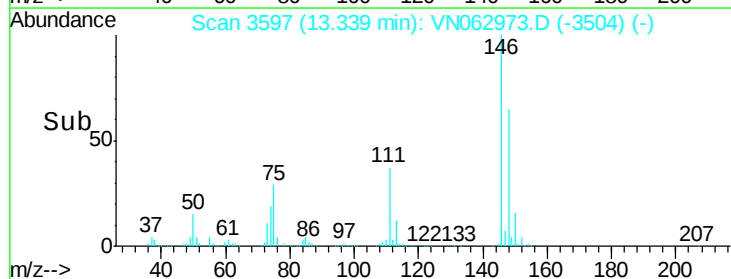
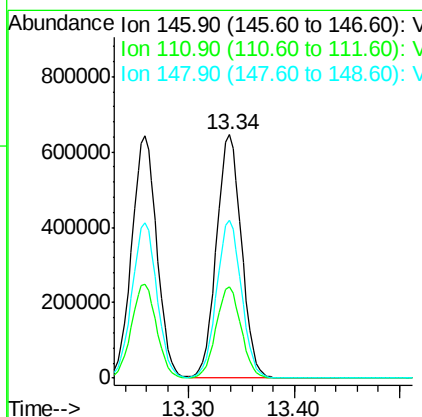
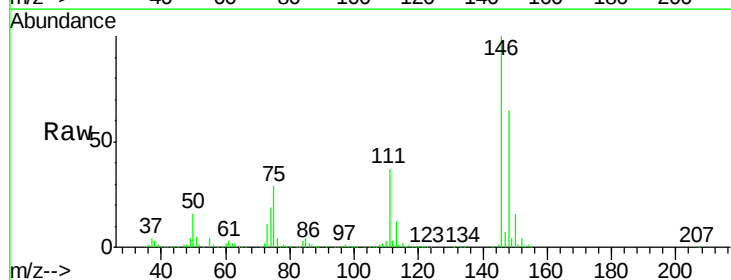
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

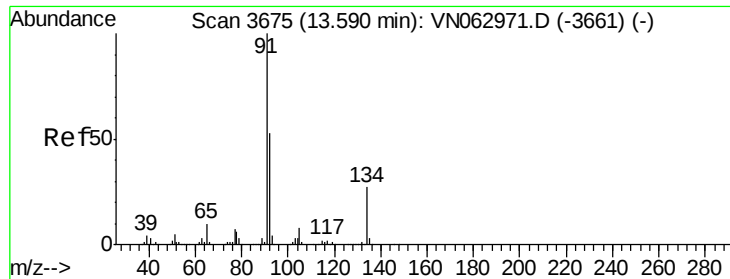
Tgt Ion:146 Resp: 1062249
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.9 56.5
 148 64.0 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 149.322 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

Tgt Ion:146 Resp: 1058866
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.4 55.2
 148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 162.998 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

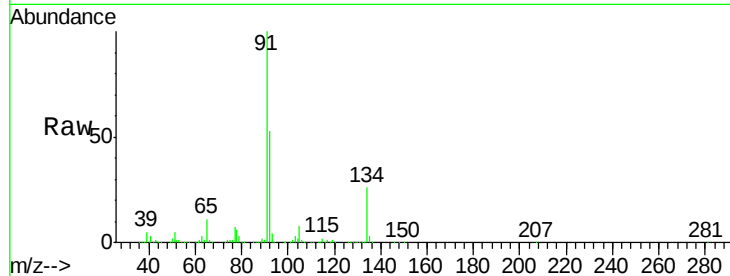
Tgt Ion: 91 Resp: 1832248

Ion Ratio Lower Upper

91 100

92 52.7 26.3 78.8

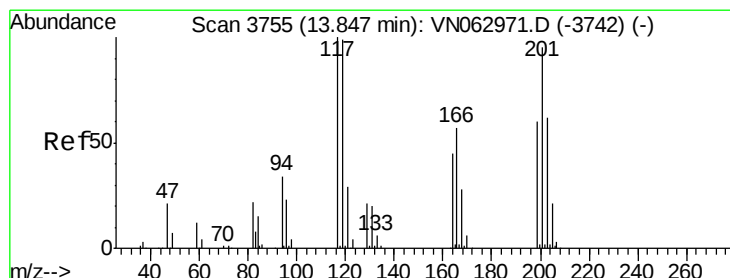
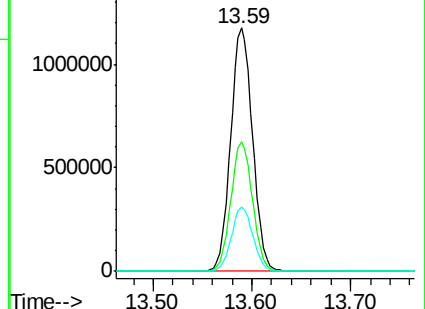
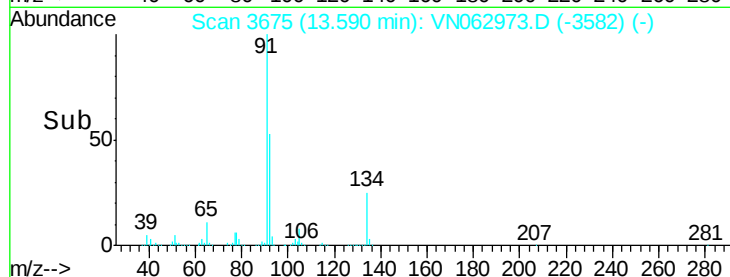
134 26.1 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VN062973.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN062973.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN062973.D (-3582) (-)



#90

Hexachloroethane

Concen: 130.464 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN062973.D

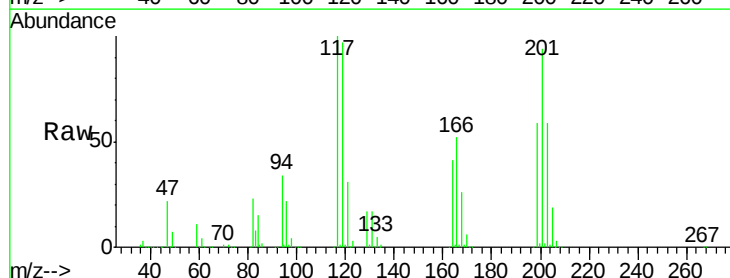
Acq: 17 Aug 2020 15:26

Tgt Ion: 117 Resp: 373546

Ion Ratio Lower Upper

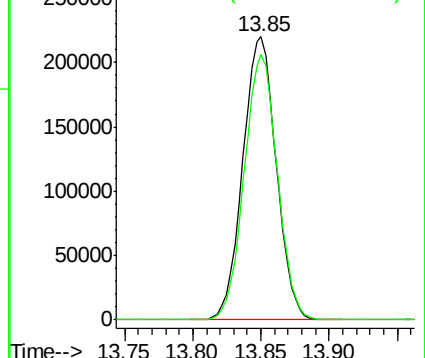
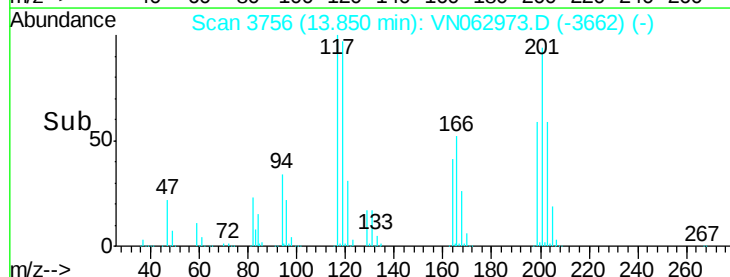
117 100

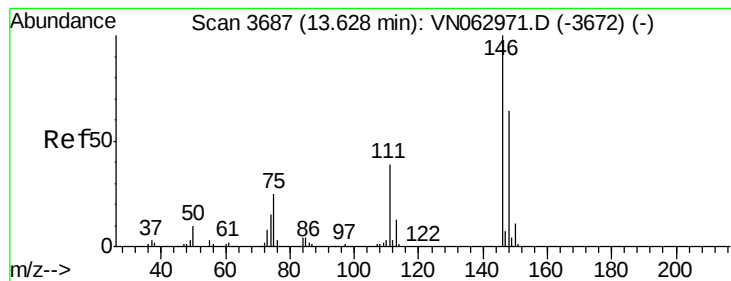
201 93.1 48.4 145.3



Abundance Ion 116.80 (116.50 to 117.50): VN062973.D (-3662) (-)

Ion 200.70 (200.40 to 201.40): VN062973.D (-3662) (-)





#91

1,2-Dichlorobenzene

Concen: 152.016 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

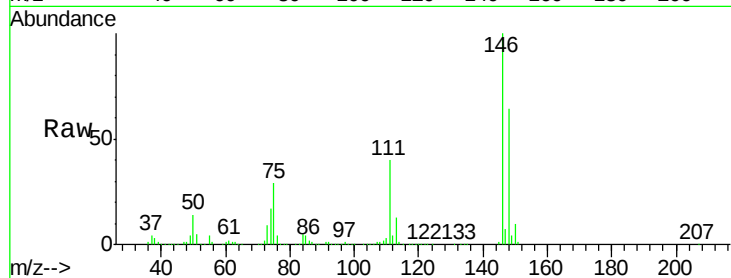
Tgt Ion:146 Resp: 1007760

Ion Ratio Lower Upper

146 100

111 40.1 19.4 58.4

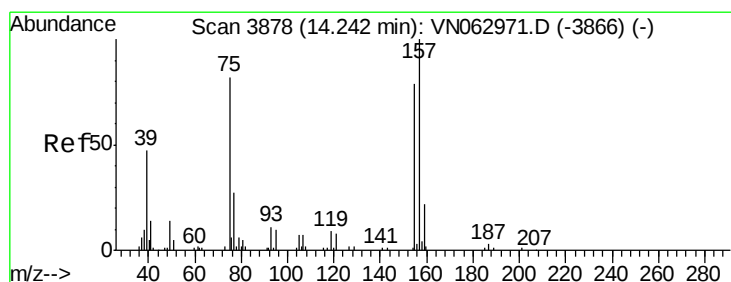
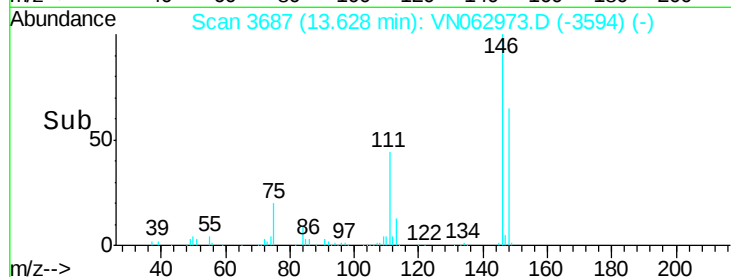
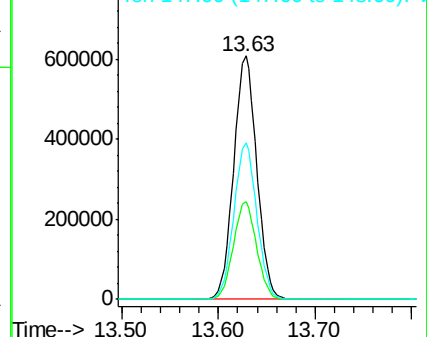
148 64.2 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 122.538 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

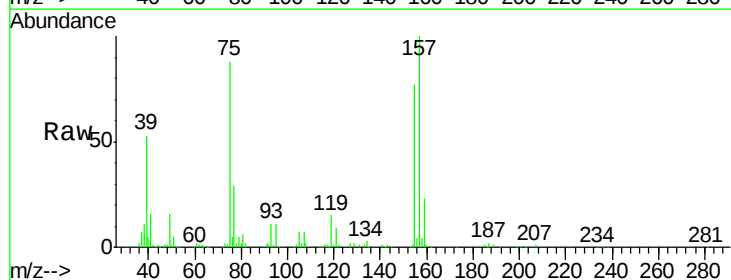
Tgt Ion: 75 Resp: 138730

Ion Ratio Lower Upper

75 100

155 89.1 47.6 142.8

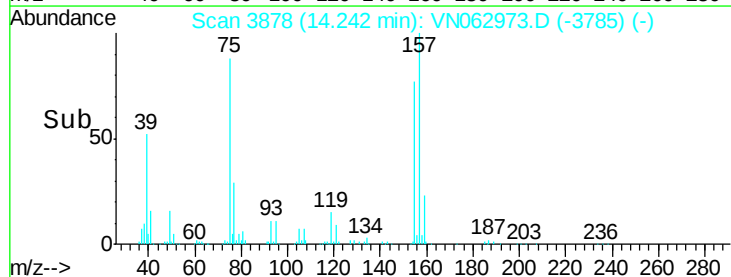
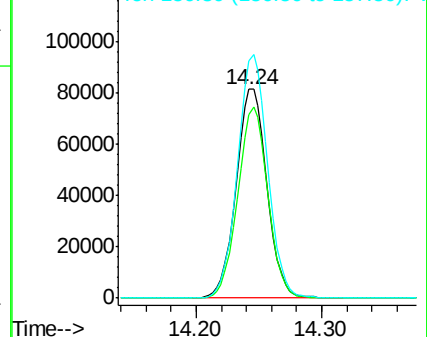
157 114.3 61.4 184.1

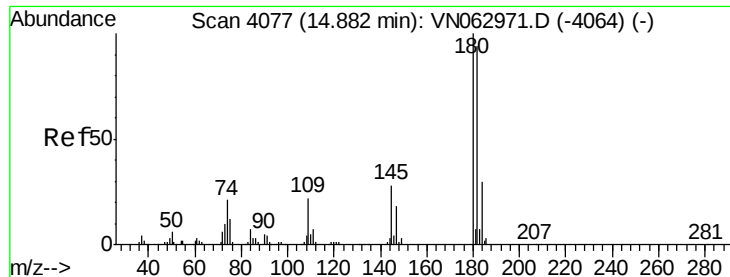


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

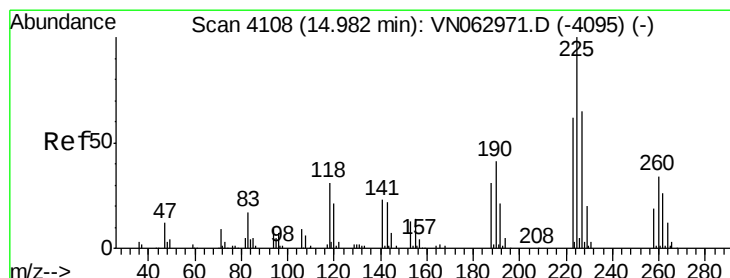
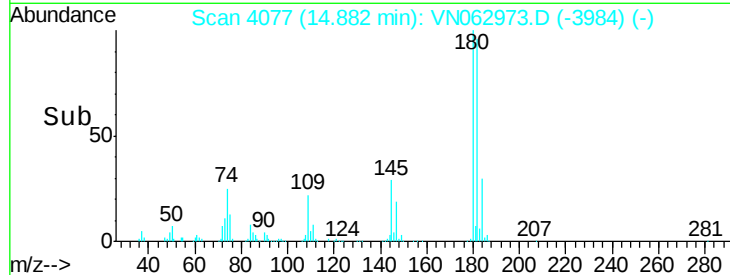
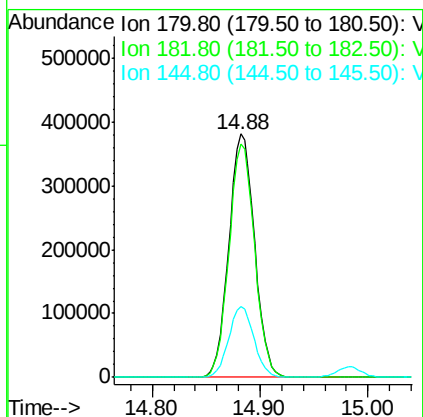
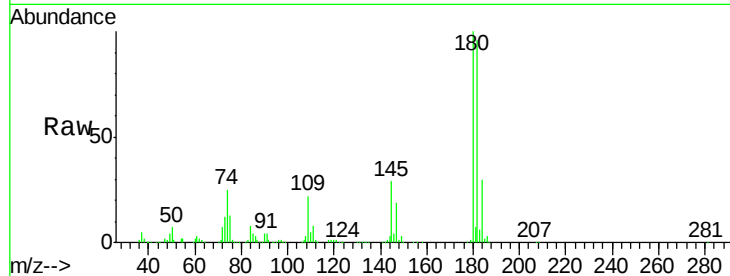




#93
 1,2,4-Trichlorobenzene
 Concen: 200.837 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

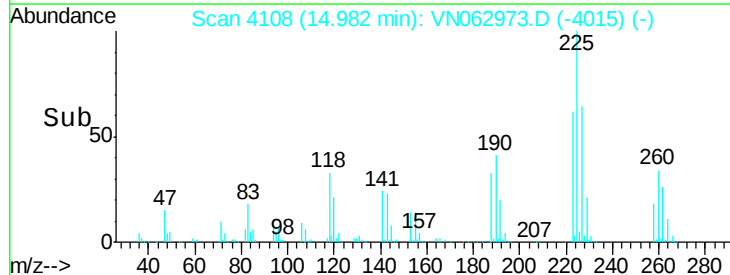
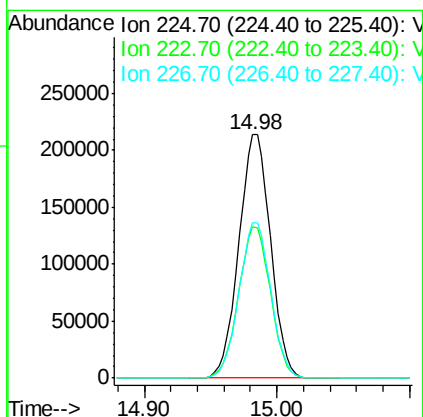
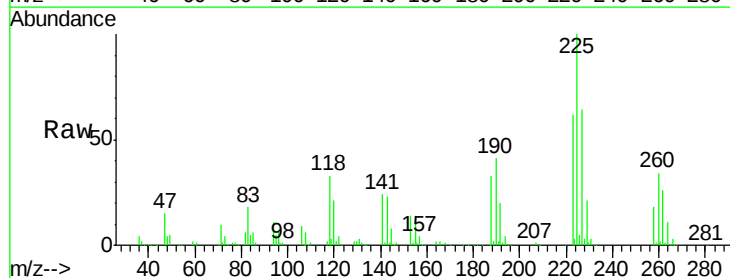
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

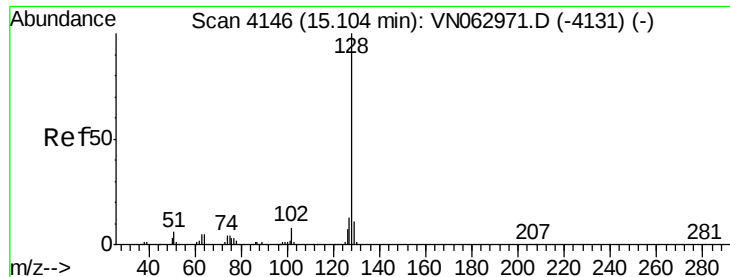
Tgt Ion:180 Resp: 630335
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.8 143.3
 145 28.6 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 150.725 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062973.D
 Acq: 17 Aug 2020 15:26

Tgt Ion:225 Resp: 354718
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.9 92.5
 227 63.9 32.0 96.0





#95

Naphthalene

Concen: 196.667 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

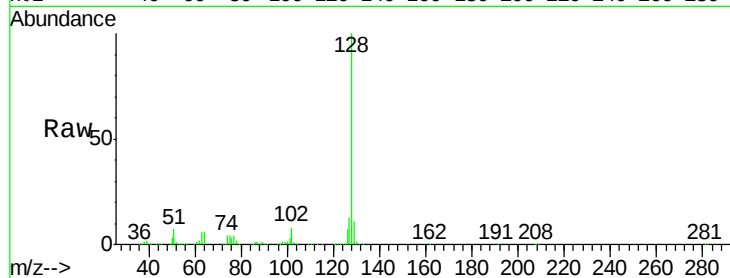
Tgt Ion:128 Resp: 1584242

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

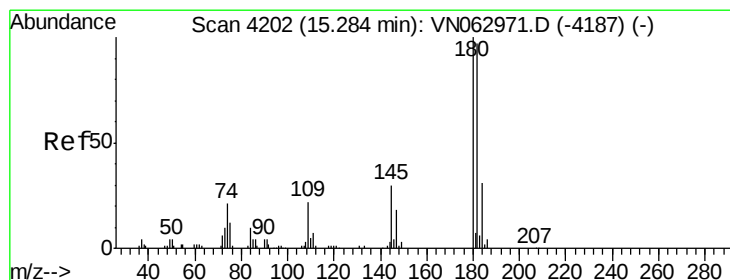
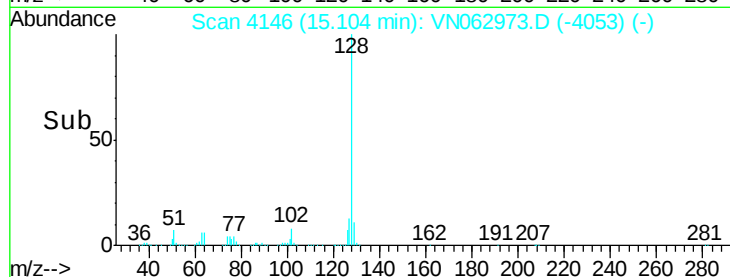
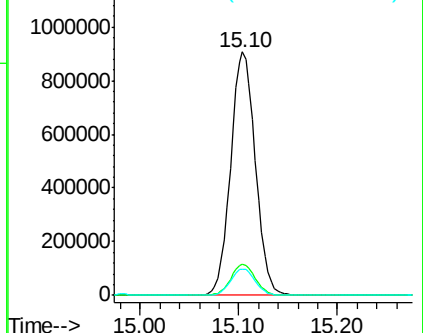
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 201.962 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062973.D

Acq: 17 Aug 2020 15:26

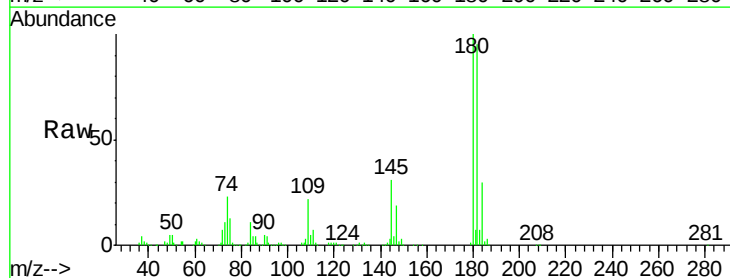
Tgt Ion:180 Resp: 613544

Ion Ratio Lower Upper

180 100

182 95.3 49.3 147.8

145 30.3 15.0 45.0



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

