

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070469.D
 Acq On : 4 Jan 2022 17:33
 Operator : JC/MD
 Sample : M5251-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 05 03:19:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.083	168	947656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1626098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1403673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	472625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	677295	49.708	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.420%
35) Dibromofluoromethane	8.019	113	471009	47.873	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.740%
50) Toluene-d8	10.441	98	1888763	46.993	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.980%
62) 4-Bromofluorobenzene	12.731	95	653151	44.994	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.980%
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	4746	0.325	ug/l	100
5) Bromomethane	2.867	94	1911	0.278	ug/l #	69
9) 1,1,2-Trichlorotrifluo...	4.213	101	4239	0.433	ug/l #	89
11) Tert butyl alcohol	5.377	59	24185	10.660	ug/l #	71
12) 1,1-Dichloroethene	4.178	96	4223	0.438	ug/l	94
13) Acrolein	4.039	56	416	0.226	ug/l #	14
16) Acetone	4.288	43	42671	4.824	ug/l	91
18) Methyl Acetate	5.077	43	96319	3.765	ug/l #	51
19) Methyl tert-butyl Ether	5.618	73	247635	6.909	ug/l #	59
20) Methylene Chloride	5.101	84	7111	0.581	ug/l	91
22) Diisopropyl ether	6.503	45	18628	0.437	ug/l #	86
25) 2-Butanone	7.346	43	11874	1.066	ug/l #	81
27) cis-1,2-Dichloroethene	7.324	96	3528	0.289	ug/l	50
29) Tetrahydrofuran	7.692	42	3587	0.540	ug/l #	79
30) Chloroform	7.820	83	10422	0.489	ug/l	100
31) Cyclohexane	8.088	56	26069	1.212	ug/l #	22
36) 1,1-Dichloropropene	8.086	75	78257	4.808	ug/l #	48
38) Carbon Tetrachloride	8.080	117	91438	5.883	ug/l #	16
40) Benzene	8.459	78	89155	1.787	ug/l	96
43) Isopropyl Acetate	8.534	43	39076	1.175	ug/l #	55
44) Trichloroethene	9.215	130	20541	1.733	ug/l	97
49) 1,4-Dioxane	9.577	88	324	1.395	ug/l #	18
51) 4-Methyl-2-Pentanone	10.336	43	6109	0.292	ug/l #	85
59) 2-Hexanone	11.087	43	17693	1.161	ug/l	83
64) Tetrachloroethene	10.972	164	3087	0.304	ug/l	96
67) Ethyl Benzene	11.846	91	12919	0.237	ug/l	92
68) m/p-Xylenes	11.951	106	13946	0.702	ug/l	81
74) N-amyl acetate	12.390	43	10455	0.567	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.830	83	1550	0.543	ug/l #	25
76) 1,2,3-Trichloropropane	12.731	75	343861	25.966	ug/l #	1
78) n-propylbenzene	12.919	91	11220	0.231	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	8249	0.235	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.731	75	343861	88.890	ug/l #	5
82) 4-Chlorotoluene	13.104	91	6967	0.238	ug/l	89
83) tert-Butylbenzene	13.318	119	7025	0.227	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	25042	0.739	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

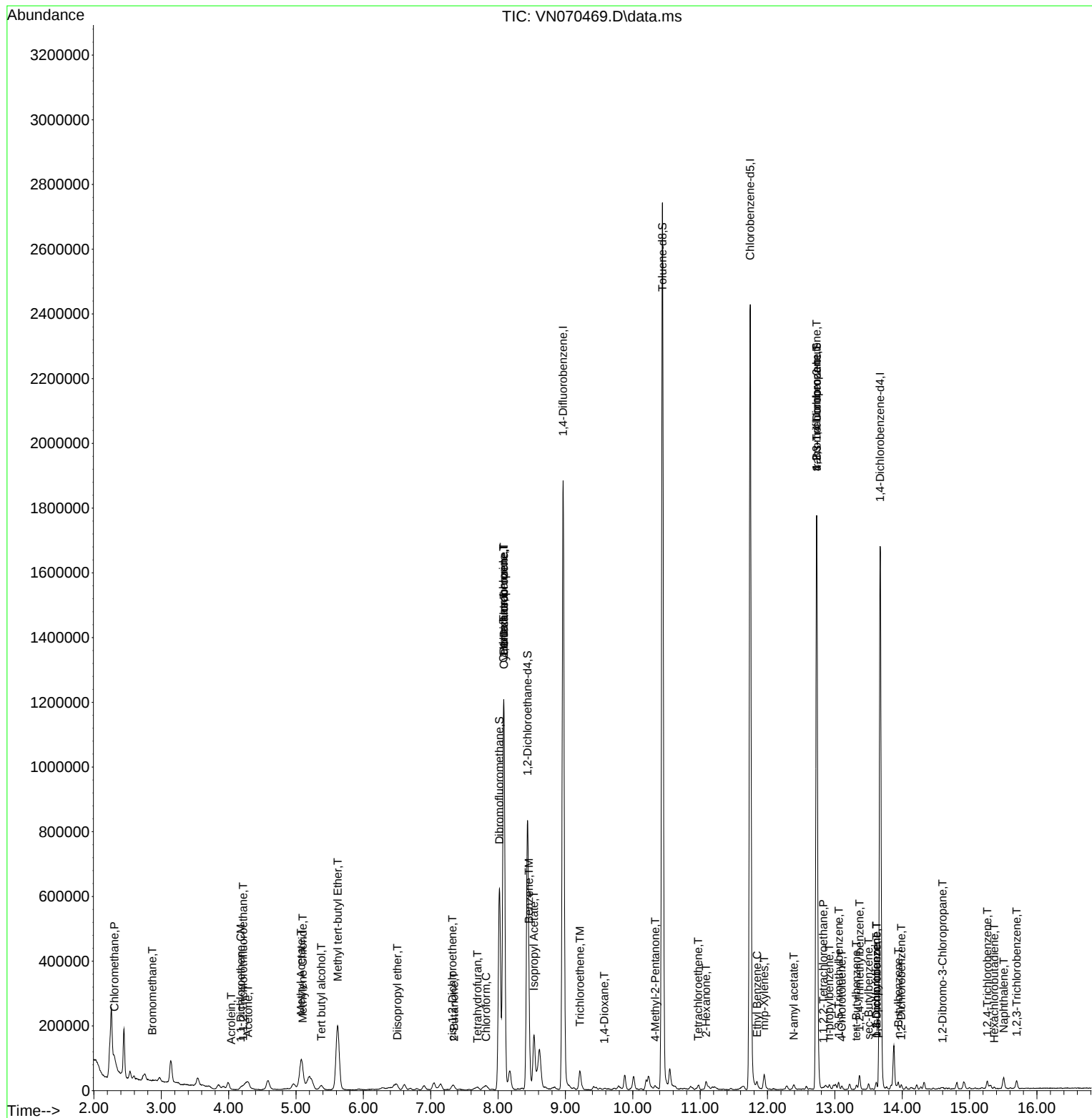
85) sec-Butylbenzene	13.501	105	11451	0.272	ug/l	98
86) p-Isopropyltoluene	13.619	119	6888	0.209	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	5332	0.316	ug/l	97
88) 1,4-Dichlorobenzene	13.619	146	5332	0.320	ug/l	96
89) n-Butylbenzene	13.943	91	11456	0.416	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	5561	0.336	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	1131	0.445	ug/l	69
93) 1,2,4-Trichlorobenzene	15.263	180	7844	1.007	ug/l	94
94) Hexachlorobutadiene	15.367	225	1345	0.297	ug/l	78
95) Naphthalene	15.507	128	33703	3.306	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	9491	2.078	ug/l	96

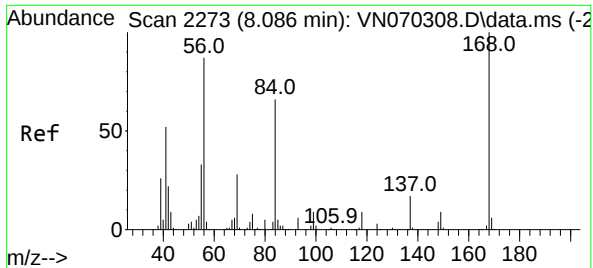
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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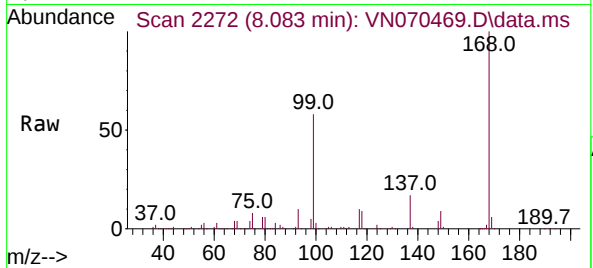
Quant Time: Jan 05 03:19:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
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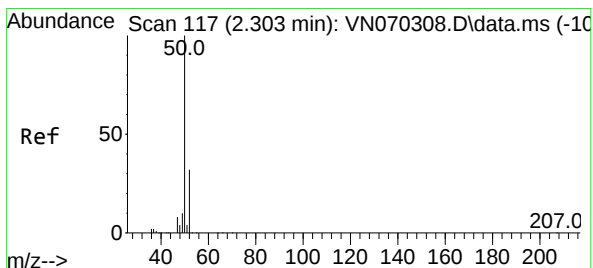
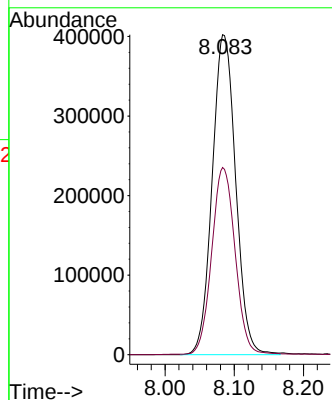
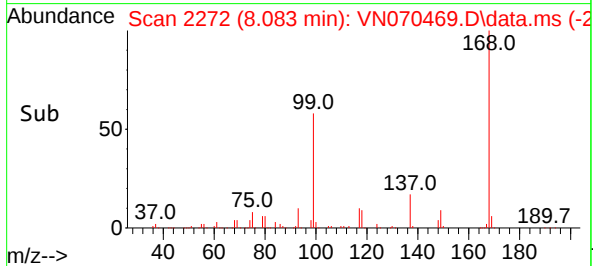


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

Instrument :
MSVOA_N
ClientSampleId :

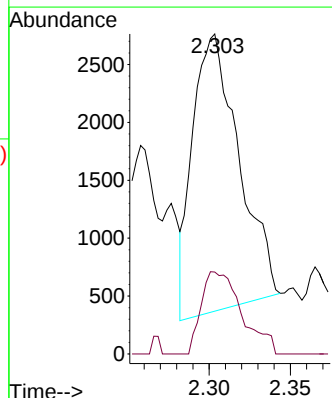
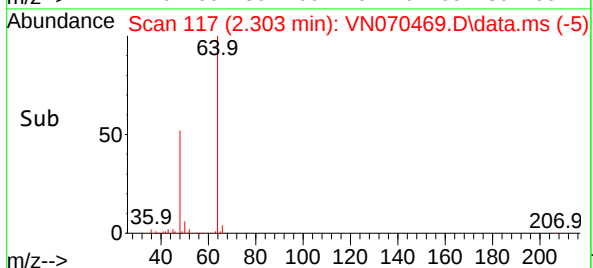
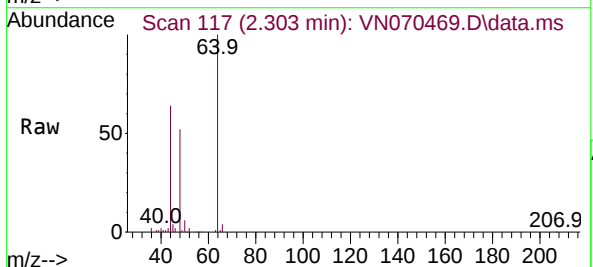


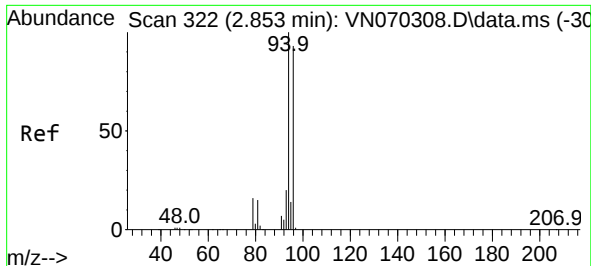
Tgt Ion:168 Resp: 947656
Ion Ratio Lower Upper
168 100
99 58.3 41.3 61.9



#3
Chloromethane
Concen: 0.325 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

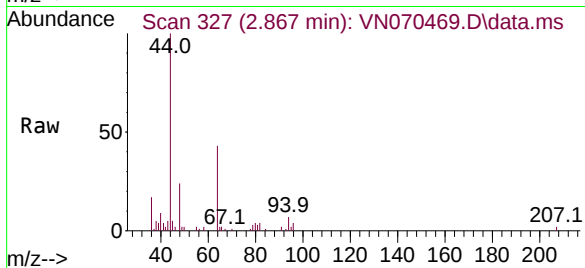
Tgt Ion: 50 Resp: 4746
Ion Ratio Lower Upper
50 100
52 31.6 25.4 38.0



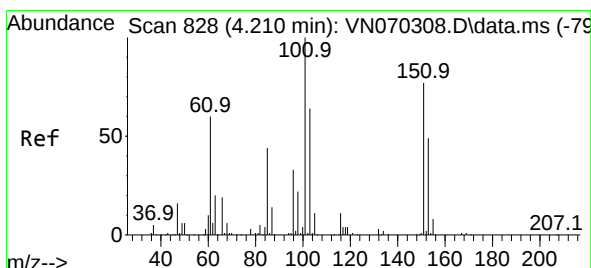
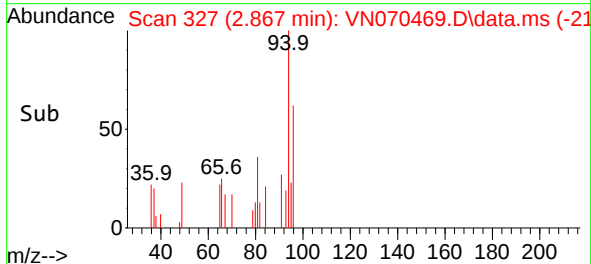
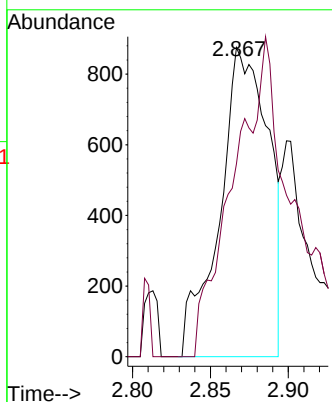


#5
Bromomethane
Concen: 0.278 ug/l
RT: 2.867 min Scan# 31
Delta R.T. 0.014 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

Instrument :
MSVOA_N
ClientSampleId :

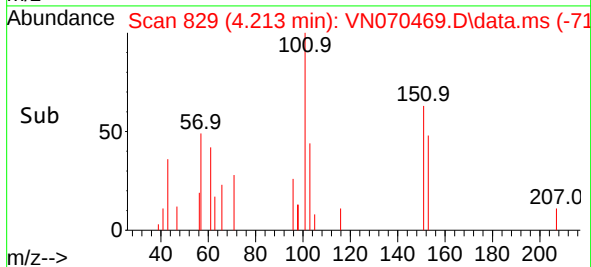
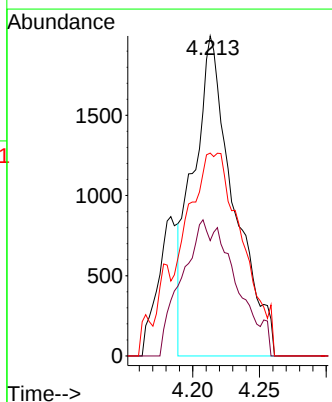
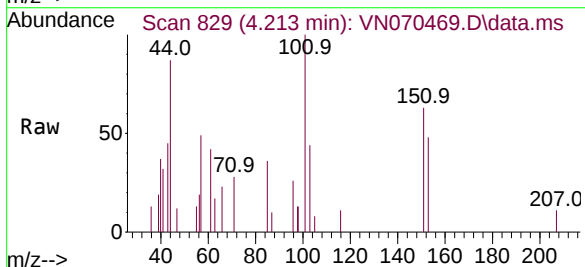


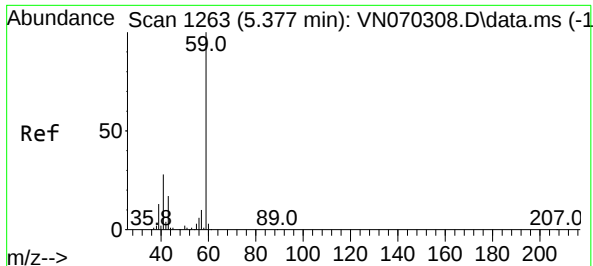
Tgt Ion: 94 Resp: 1911
Ion Ratio Lower Upper
94 100
96 62.4 73.8 110.8#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.433 ug/l
RT: 4.213 min Scan# 829
Delta R.T. 0.003 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

Tgt Ion:101 Resp: 4239
Ion Ratio Lower Upper
101 100
85 29.3 37.2 55.8#
151 84.3 65.9 98.9





#11

Tert butyl alcohol

Concen: 10.660 ug/l

RT: 5.377 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN070469.D

Acq: 4 Jan 2022 17:33

Instrument :

MSVOA_N

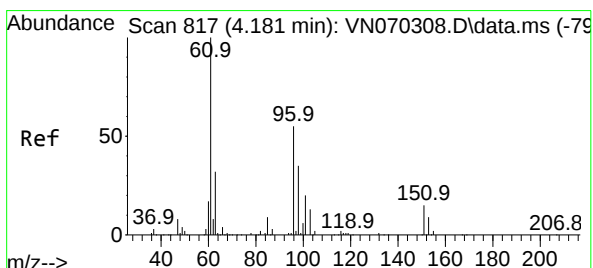
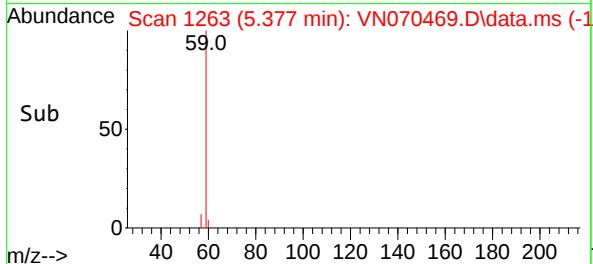
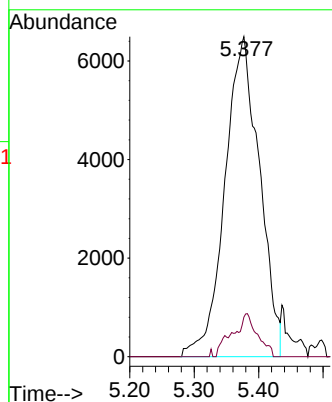
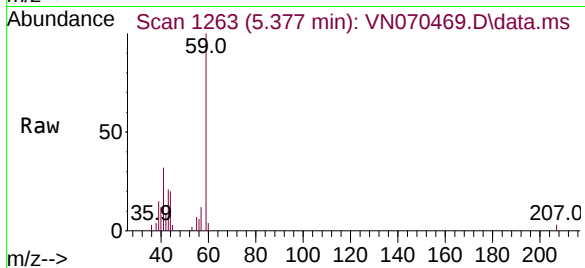
ClientSampleId :

Tgt Ion: 59 Resp: 24185

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#12

1,1-Dichloroethene

Concen: 0.438 ug/l

RT: 4.178 min Scan# 816

Delta R.T. -0.003 min

Lab File: VN070469.D

Acq: 4 Jan 2022 17:33

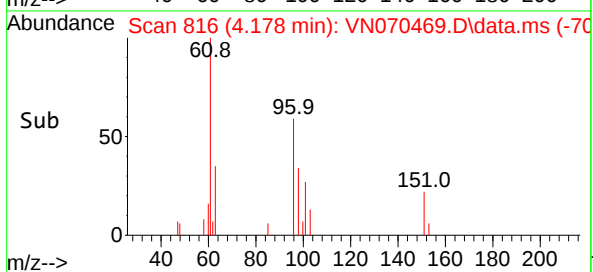
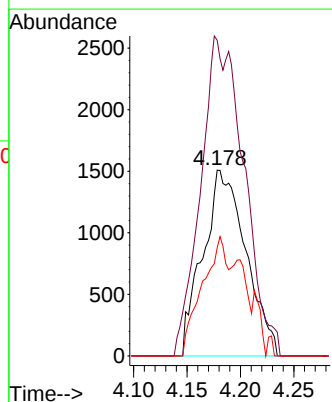
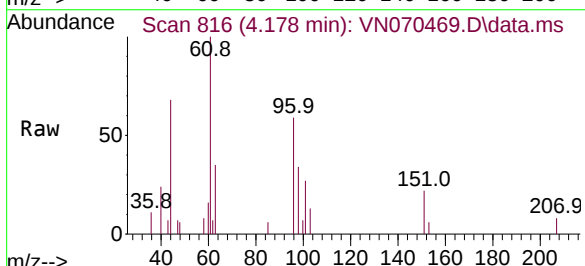
Tgt Ion: 96 Resp: 4223

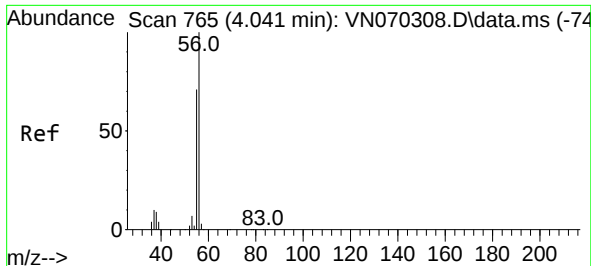
Ion Ratio Lower Upper

96 100

61 170.0 131.0 196.6

98 58.2 52.4 78.6

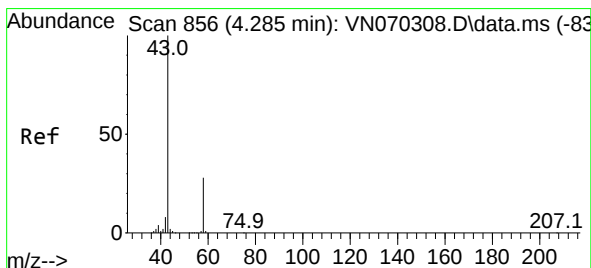
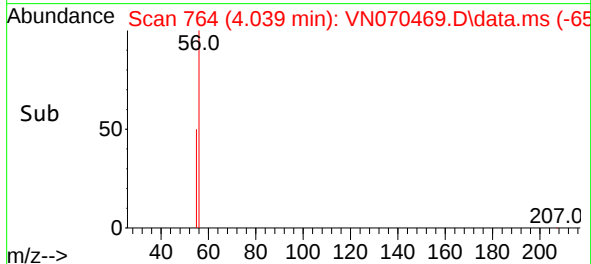
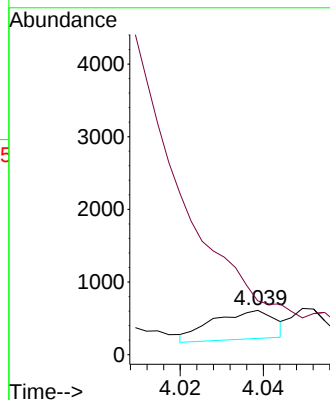
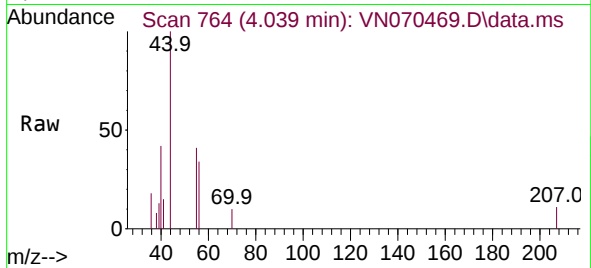




#13
Acrolein
Concen: 0.226 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.002 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

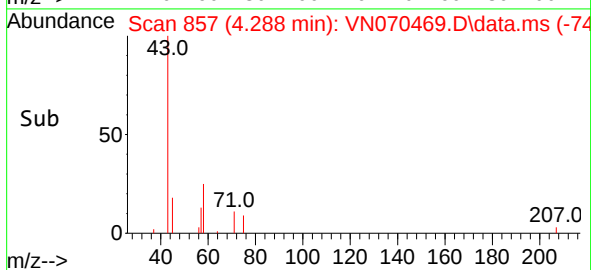
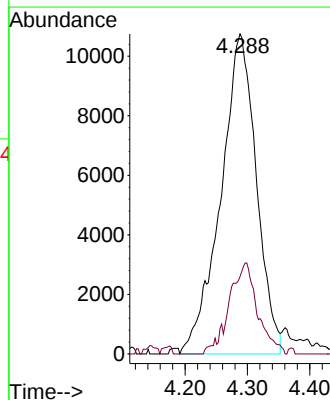
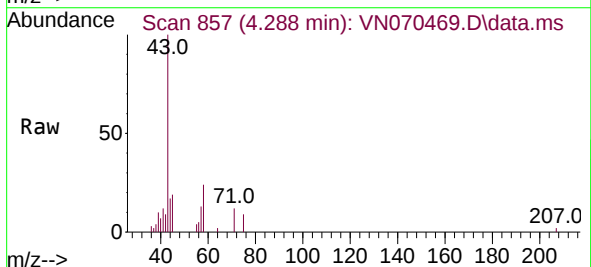
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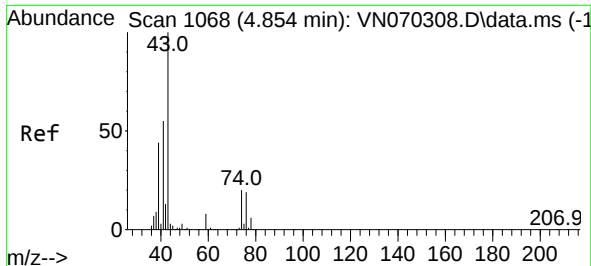
Tgt Ion: 56 Resp: 416
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#



#16
Acetone
Concen: 4.824 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

Tgt Ion: 43 Resp: 42671
Ion Ratio Lower Upper
43 100
58 24.2 23.1 34.7





#18

Methyl Acetate

Concen: 3.765 ug/l

RT: 5.077 min Scan# 1151

Delta R.T. 0.223 min

Lab File: VN070469.D

Acq: 4 Jan 2022 17:33

Instrument :

MSVOA_N

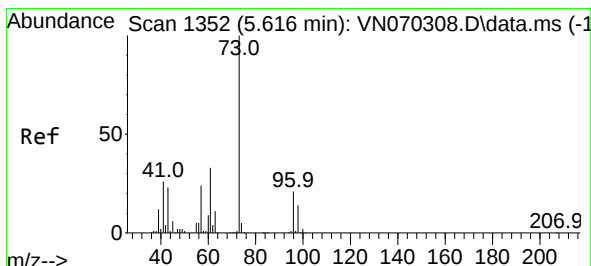
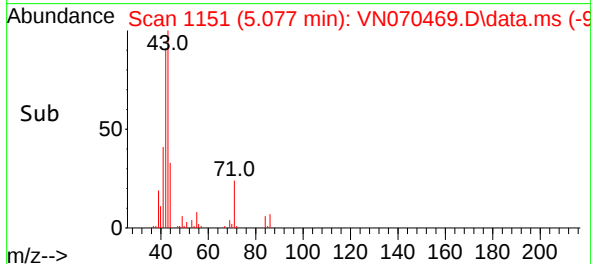
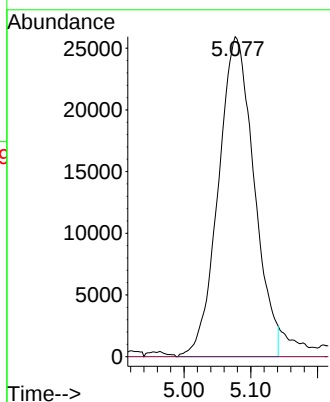
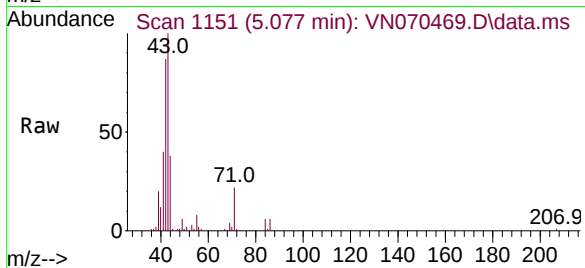
ClientSampleId :

Tgt Ion: 43 Resp: 96319

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 6.909 ug/l

RT: 5.618 min Scan# 1353

Delta R.T. 0.002 min

Lab File: VN070469.D

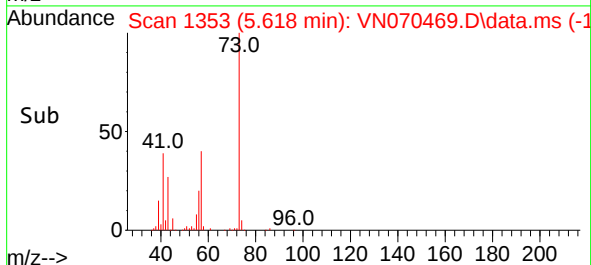
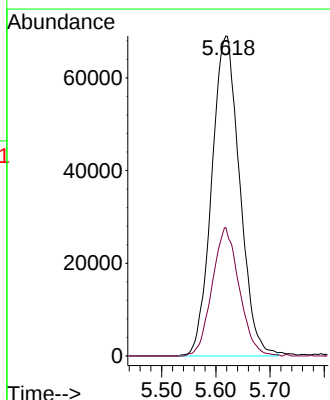
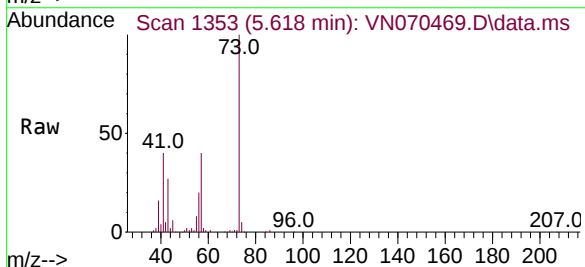
Acq: 4 Jan 2022 17:33

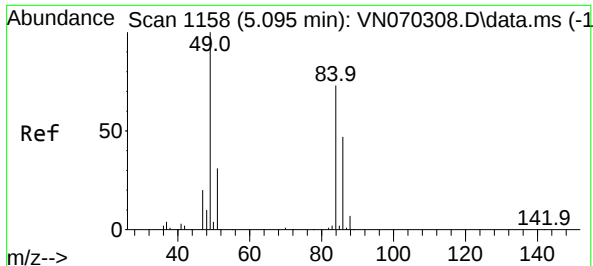
Tgt Ion: 73 Resp: 247635

Ion Ratio Lower Upper

73 100

57 40.1 16.8 25.2#





#20

Methylene Chloride

Concen: 0.581 ug/l

RT: 5.101 min Scan# 1158

Delta R.T. 0.006 min

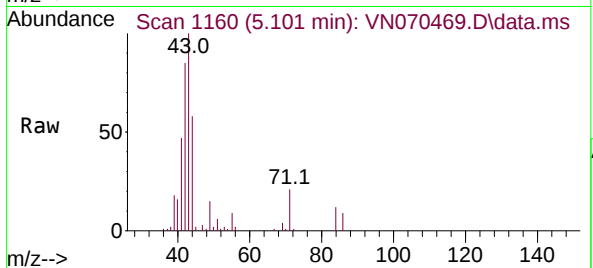
Lab File: VN070469.D

Acq: 4 Jan 2022 17:33

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 7111

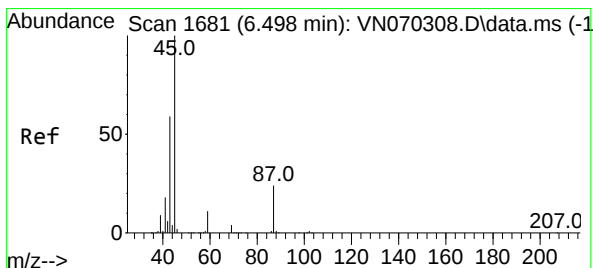
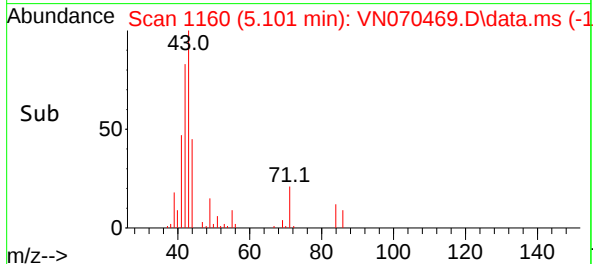
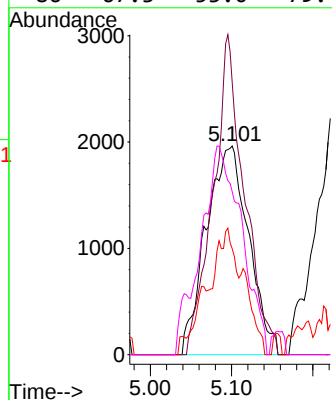
Ion Ratio Lower Upper

84 100

49 130.6 93.5 140.3

51 42.3 29.4 44.2

86 67.3 53.0 79.4



#22

Diisopropyl ether

Concen: 0.437 ug/l

RT: 6.503 min Scan# 1683

Delta R.T. 0.005 min

Lab File: VN070469.D

Acq: 4 Jan 2022 17:33

Tgt Ion: 45 Resp: 18628

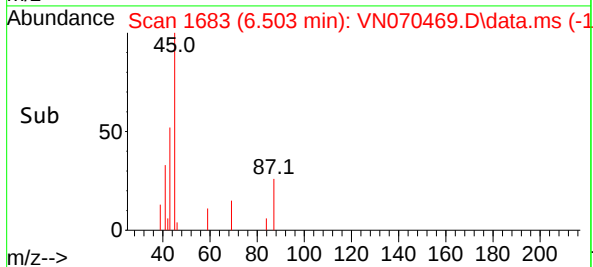
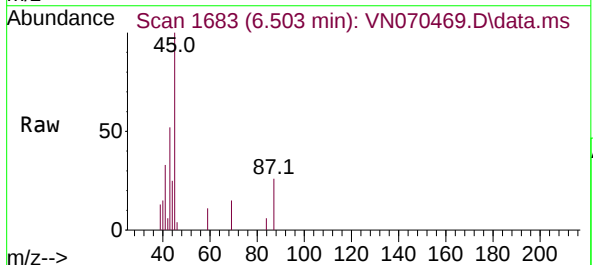
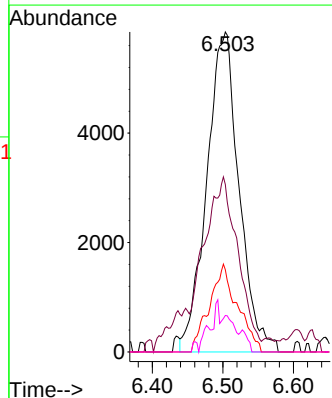
Ion Ratio Lower Upper

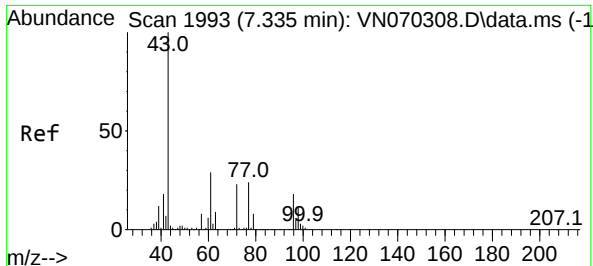
45 100

43 48.9 51.7 77.5#

87 25.7 23.2 34.8

59 11.4 9.4 14.0





#25

2-Butanone

Concen: 1.066 ug/l

RT: 7.346 min Scan# 1997

Delta R.T. 0.011 min

Lab File: VN070469.D

Acq: 4 Jan 2022 17:33

Instrument :

MSVOA_N

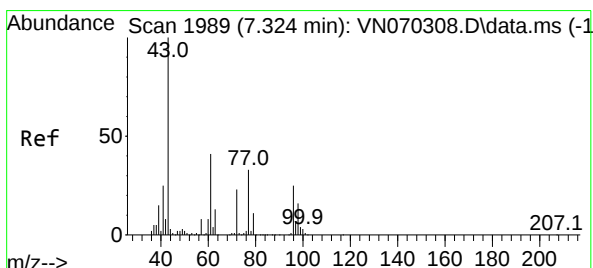
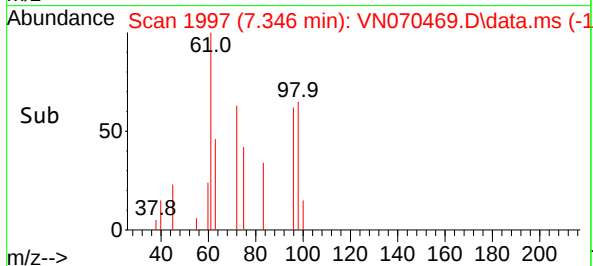
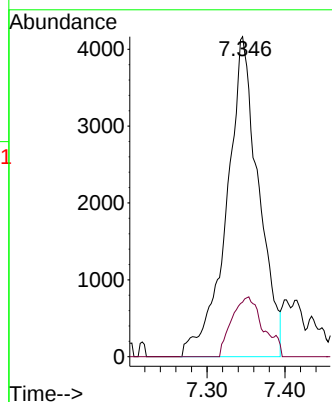
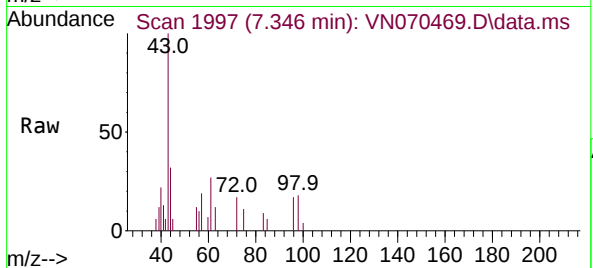
ClientSampleId :

Tgt Ion: 43 Resp: 11874

Ion Ratio Lower Upper

43 100

72 17.1 21.7 32.5#



#27

cis-1,2-Dichloroethene

Concen: 0.289 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. 0.000 min

Lab File: VN070469.D

Acq: 4 Jan 2022 17:33

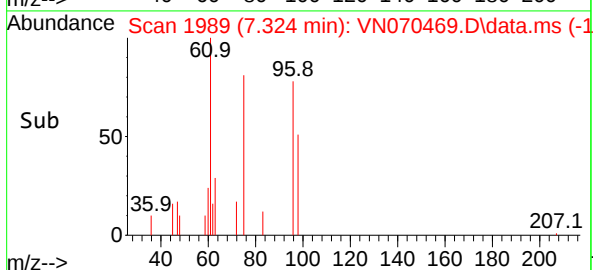
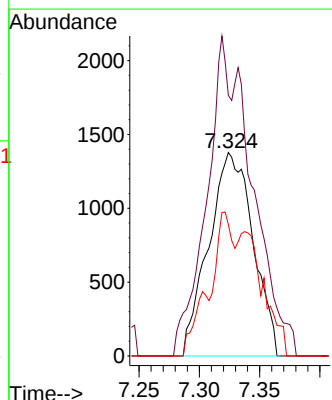
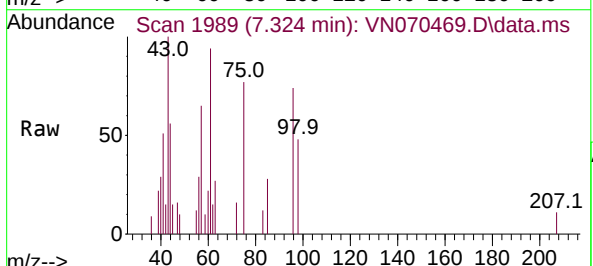
Tgt Ion: 96 Resp: 3528

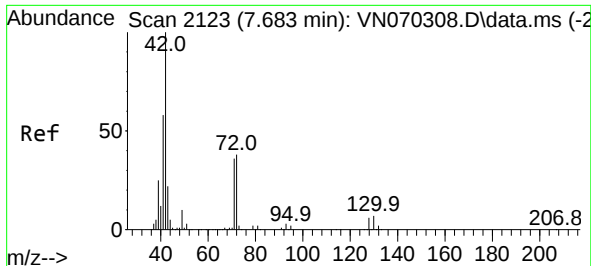
Ion Ratio Lower Upper

96 100

61 85.7 0.0 275.0

98 14.4 0.0 129.6





#29

Tetrahydrofuran

Concen: 0.540 ug/l

RT: 7.692 min Scan# 2126

Delta R.T. 0.009 min

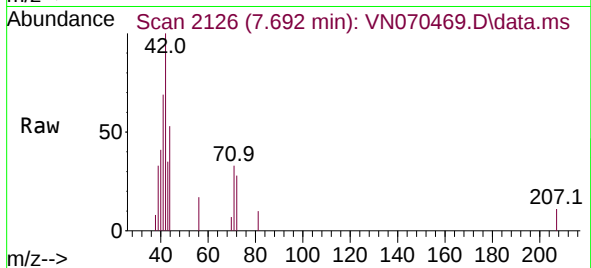
Lab File: VN070469.D

Acq: 4 Jan 2022 17:33

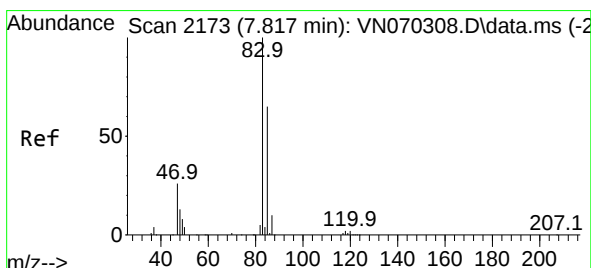
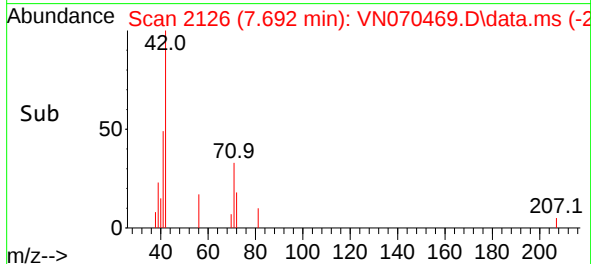
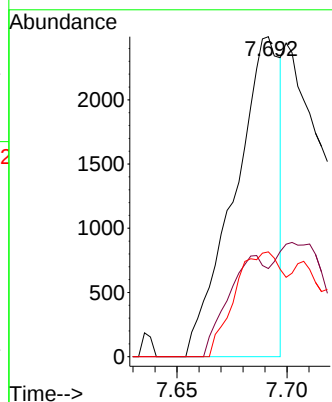
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	3587
Ion Ratio	Lower	Upper	
42	100		
72	27.3	36.3	54.5#
71	34.5	34.7	52.1#



#30

Chloroform

Concen: 0.489 ug/l

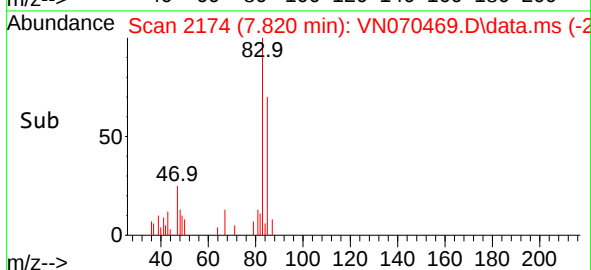
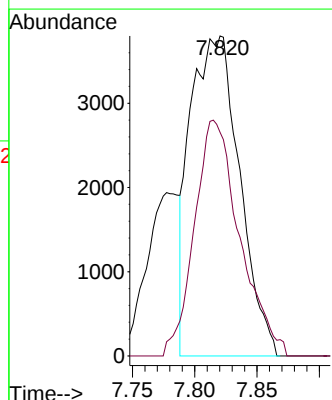
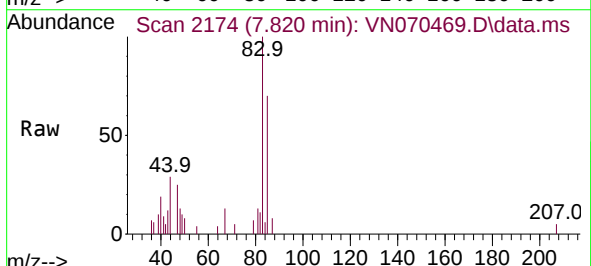
RT: 7.820 min Scan# 2174

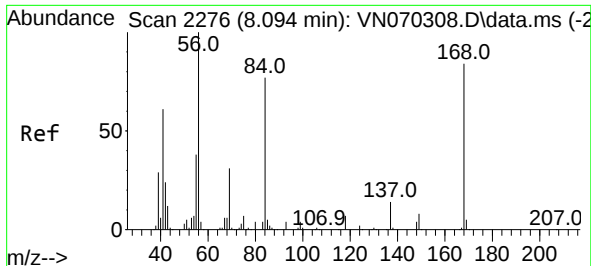
Delta R.T. 0.003 min

Lab File: VN070469.D

Acq: 4 Jan 2022 17:33

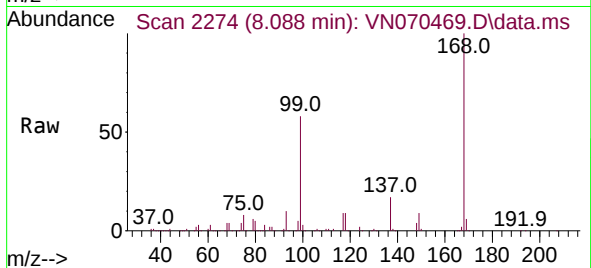
Tgt Ion:	83	Resp:	10422
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.9	77.9



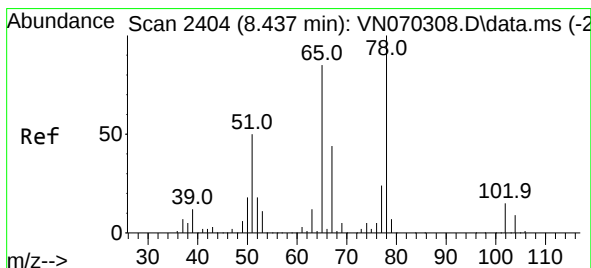
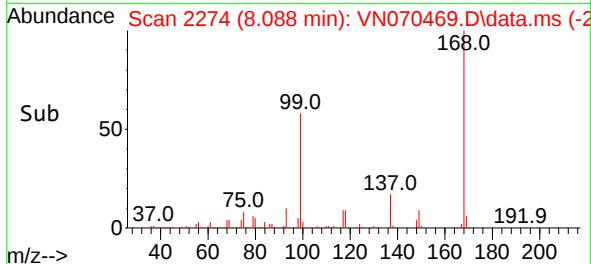
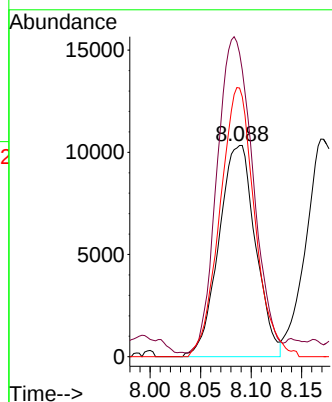


#31
Cyclohexane
Concen: 1.212 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

Instrument :
MSVOA_N
ClientSampleId :

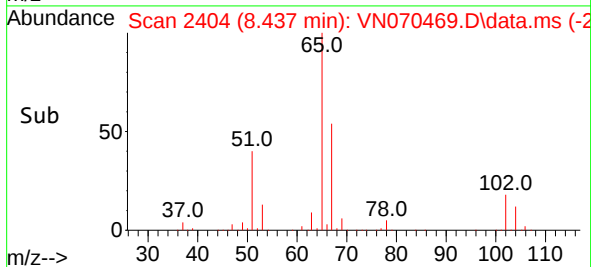
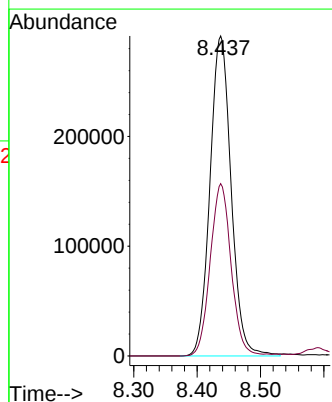
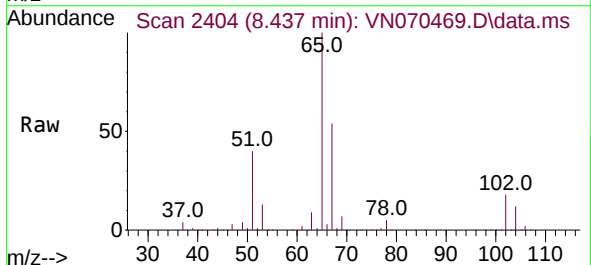


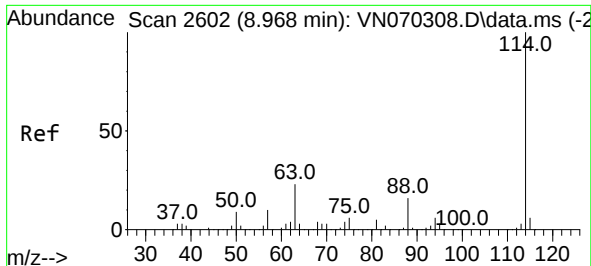
Tgt Ion: 56 Resp: 26069
Ion Ratio Lower Upper
56 100
69 141.6 27.1 40.7#
84 127.2 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 49.708 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

Tgt Ion: 65 Resp: 677295
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.0

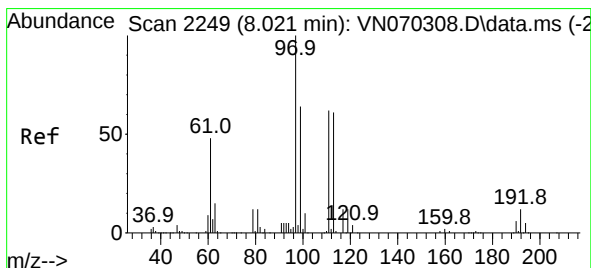
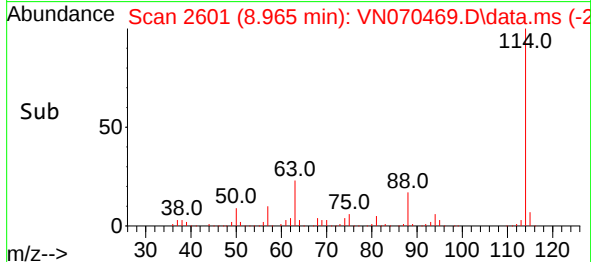
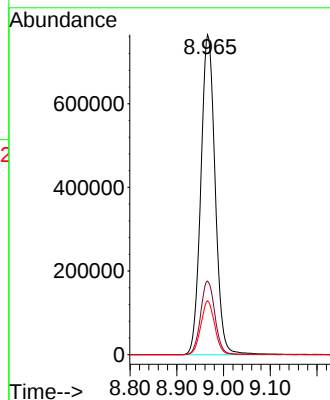
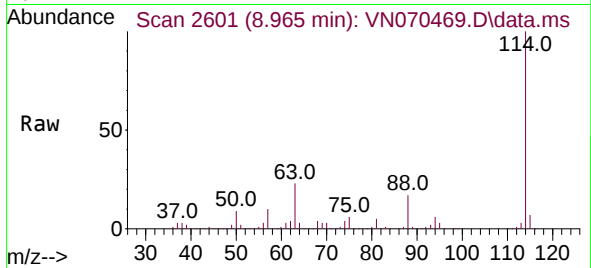




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

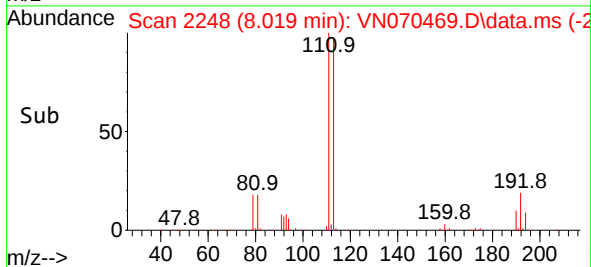
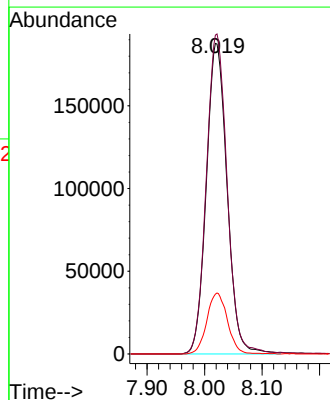
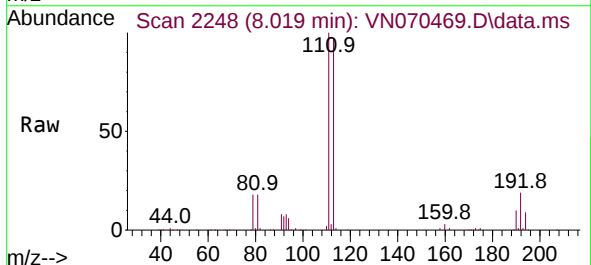
Instrument :
MSVOA_N
ClientSampleId :

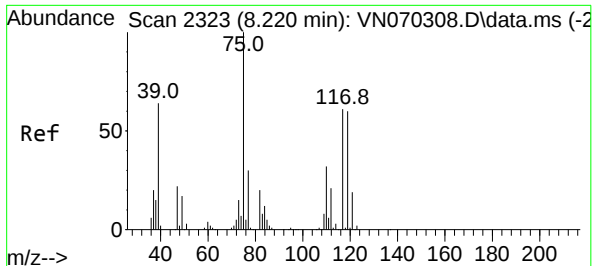
Tgt Ion:114 Resp: 1626098
Ion Ratio Lower Upper
114 100
63 23.0 0.0 37.8
88 16.8 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.873 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.002 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

Tgt Ion:113 Resp: 471009
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 19.5 16.9 25.3

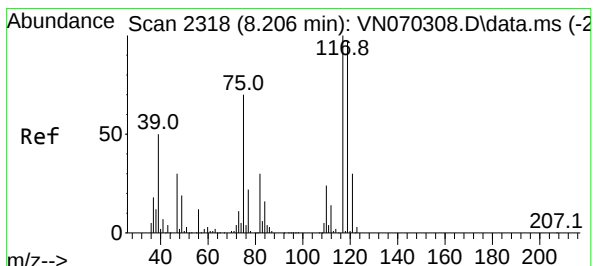
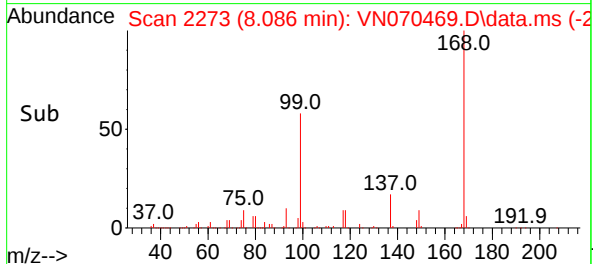
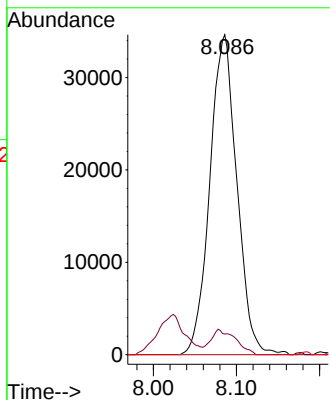
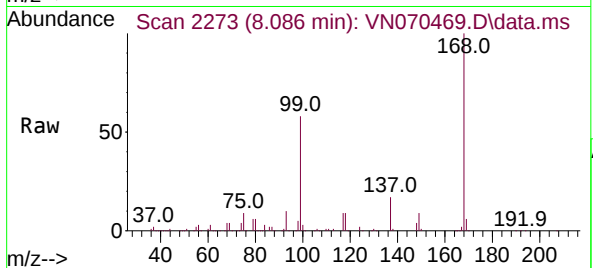




#36
1,1-Dichloropropene
Concen: 4.808 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.134 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

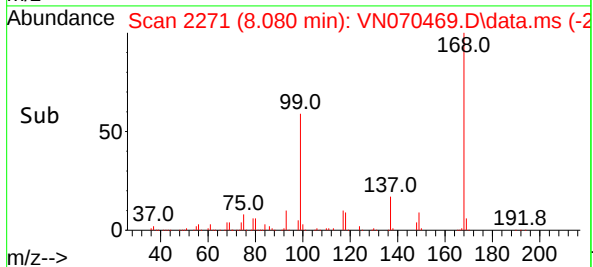
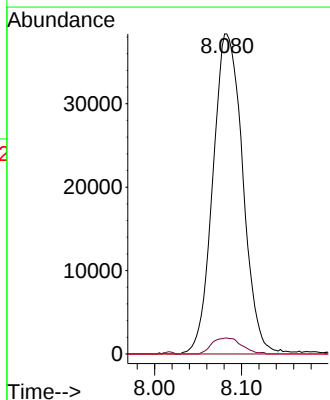
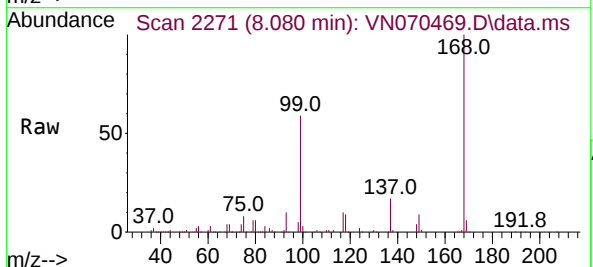
Instrument :
MSVOA_N
ClientSampleId :

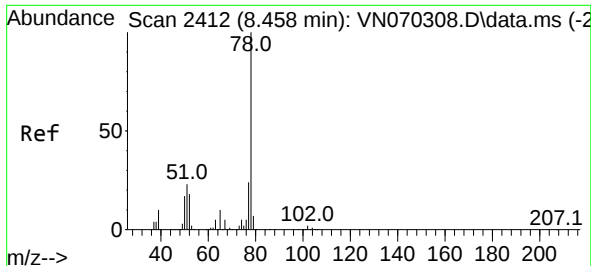
Tgt Ion: 75 Resp: 78257
Ion Ratio Lower Upper
75 100
110 7.3 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.883 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.126 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

Tgt Ion: 117 Resp: 91438
Ion Ratio Lower Upper
117 100
119 5.0 76.1 114.1#
121 0.0 24.2 36.2#

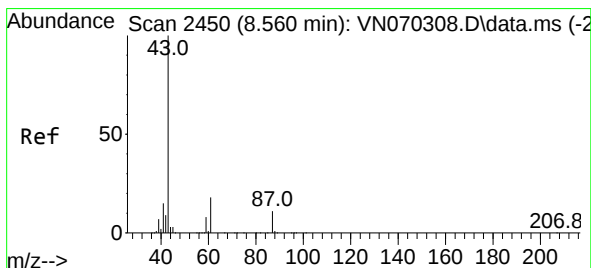
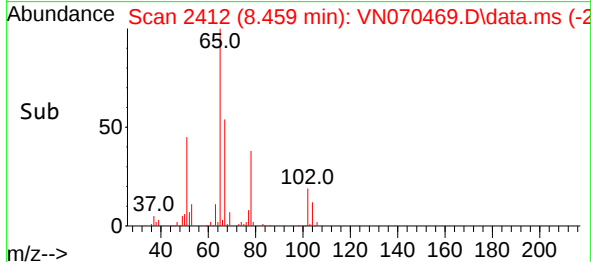
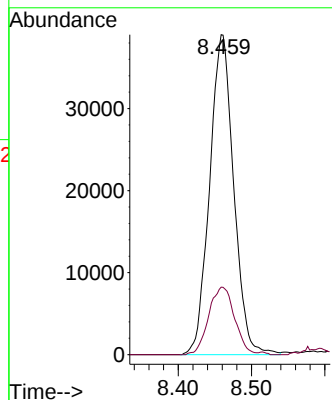
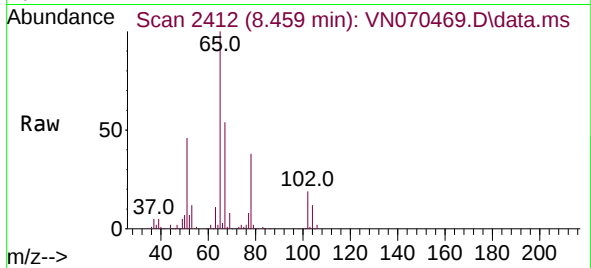




#40
Benzene
Concen: 1.787 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. 0.001 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

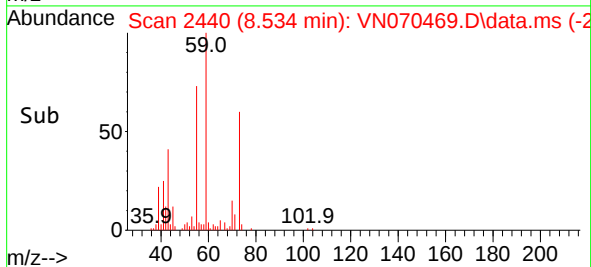
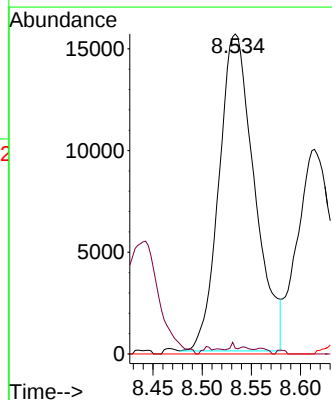
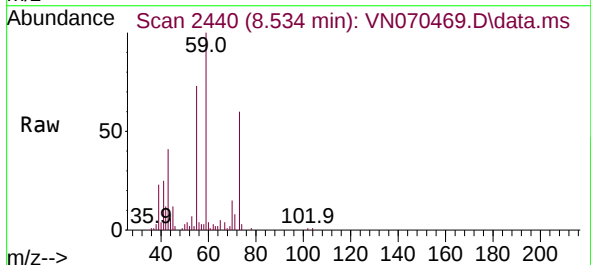
Instrument :
MSVOA_N
ClientSampleId :

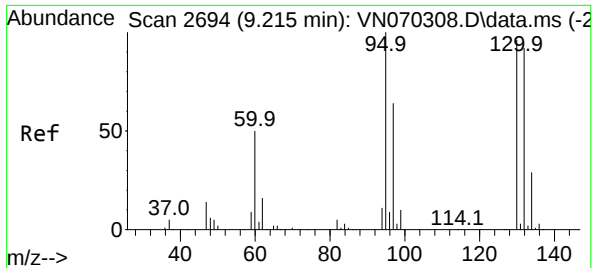
Tgt Ion: 78 Resp: 89155
Ion Ratio Lower Upper
78 100
77 21.1 18.6 27.8



#43
Isopropyl Acetate
Concen: 1.175 ug/l
RT: 8.534 min Scan# 2440
Delta R.T. -0.026 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

Tgt Ion: 43 Resp: 39076
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

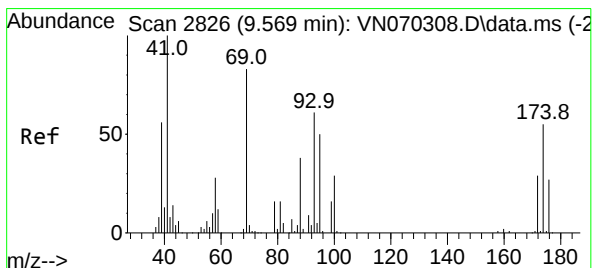
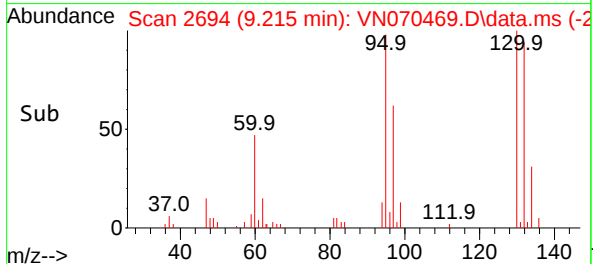
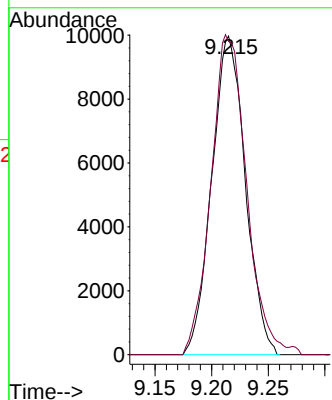
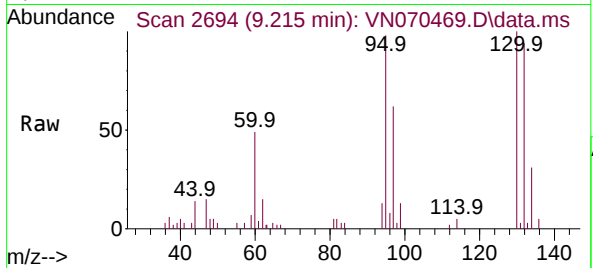




#44
Trichloroethene
Concen: 1.733 ug/l
RT: 9.215 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

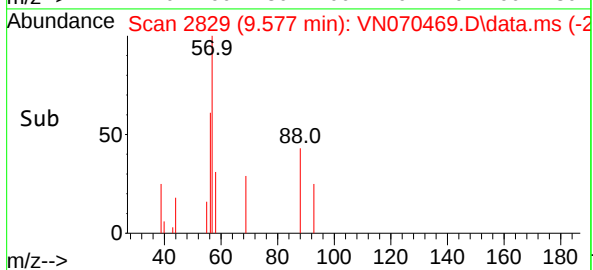
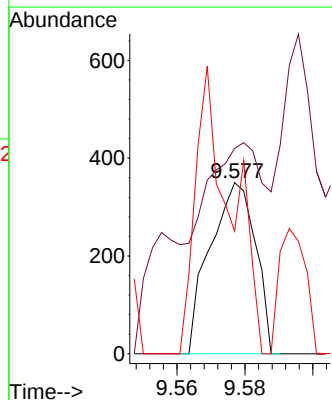
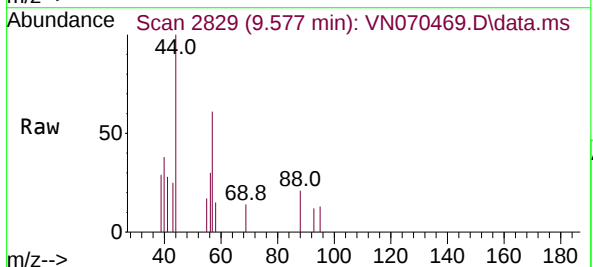
Instrument :
MSVOA_N
ClientSampleId :

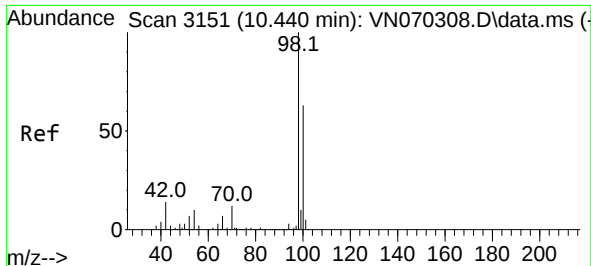
Tgt Ion:130 Resp: 20541
Ion Ratio Lower Upper
130 100
95 98.4 0.0 191.2



#49
1,4-Dioxane
Concen: 1.395 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.008 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

Tgt Ion: 88 Resp: 324
Ion Ratio Lower Upper
88 100
43 66.7 23.4 35.2#
58 131.8 50.6 75.8#

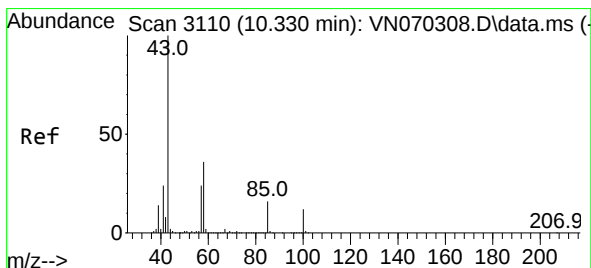
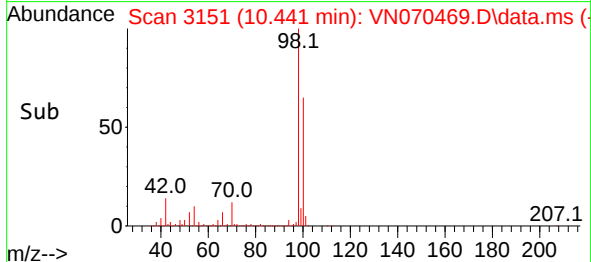
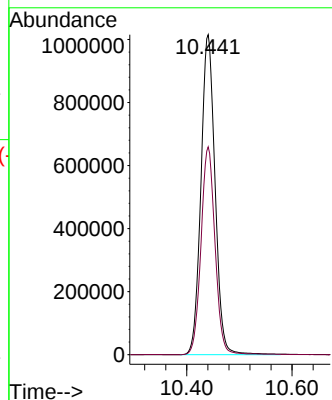
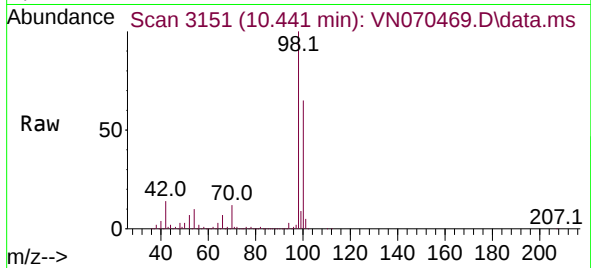




#50
Toluene-d8
Concen: 46.993 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

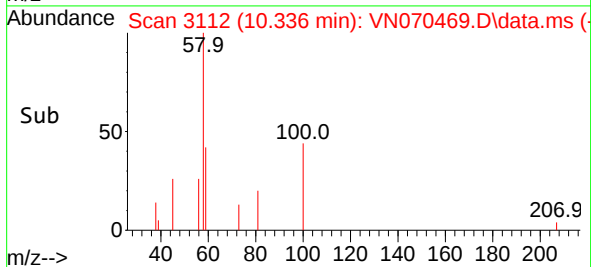
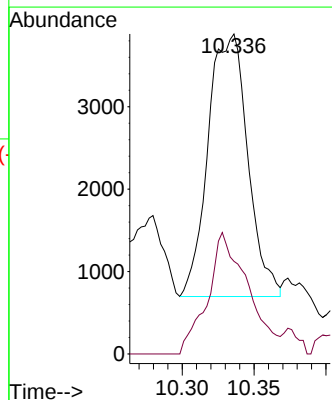
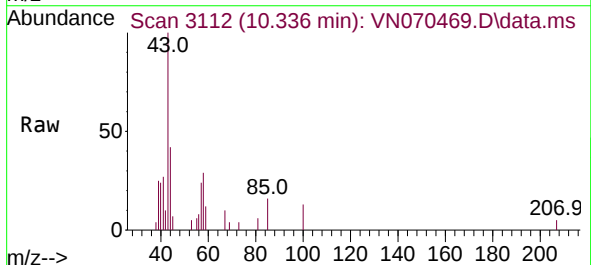
Instrument :
MSVOA_N
ClientSampleId :

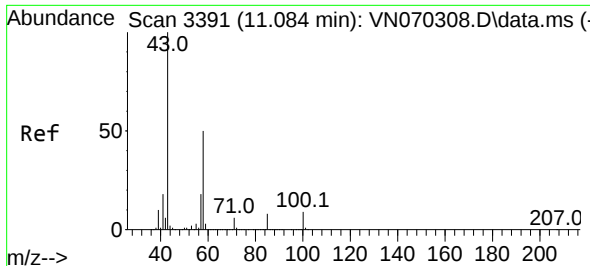
Tgt Ion: 98 Resp: 1888763
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.292 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.006 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

Tgt Ion: 43 Resp: 6109
Ion Ratio Lower Upper
43 100
58 46.8 30.4 45.6#

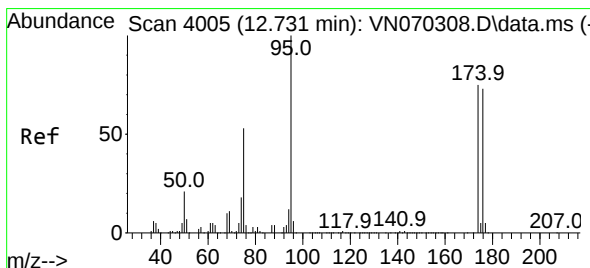
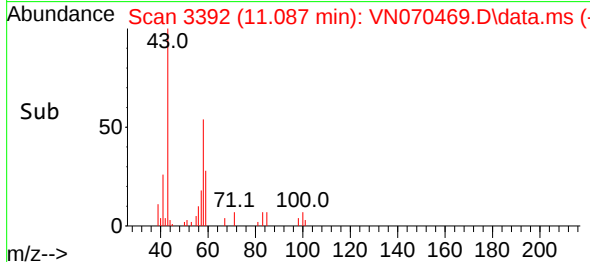
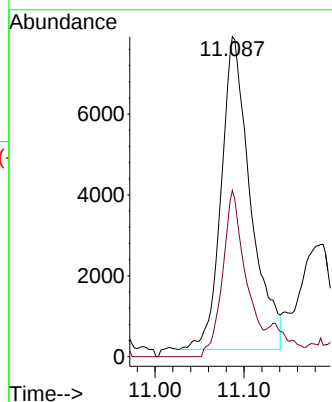
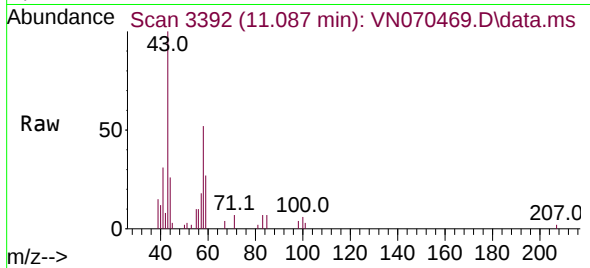




#59
2-Hexanone
Concen: 1.161 ug/l
RT: 11.087 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

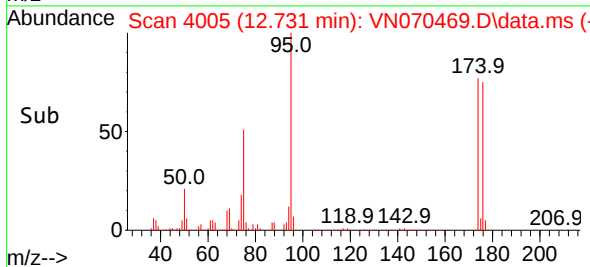
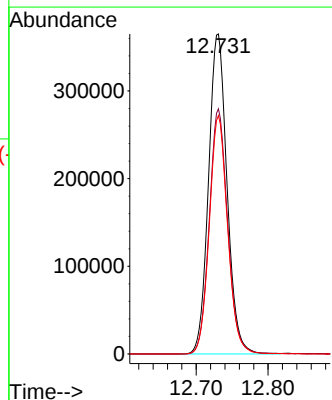
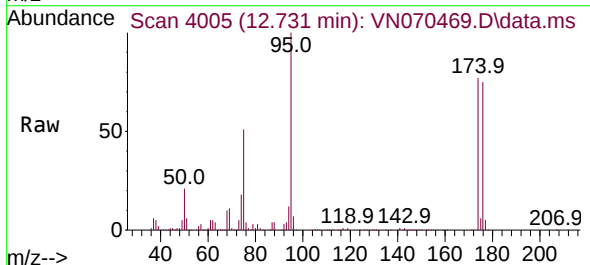
Instrument :
MSVOA_N
ClientSampleId :

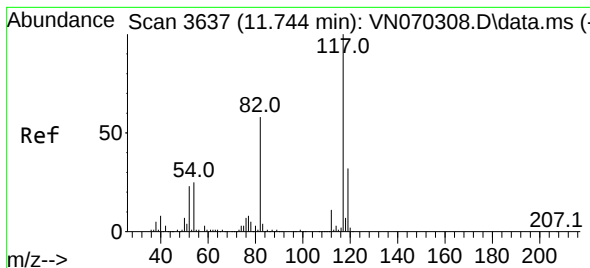
Tgt Ion: 43 Resp: 17693
Ion Ratio Lower Upper
43 100
58 41.6 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 44.994 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

Tgt Ion: 95 Resp: 653151
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 73.6 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3

Delta R.T. -0.000 min

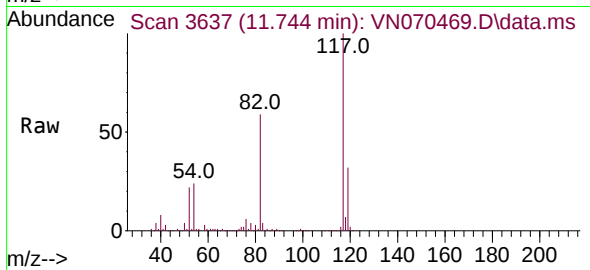
Lab File: VN070469.D

Acq: 4 Jan 2022 17:33

Instrument :

MSVOA_N

ClientSampleId :



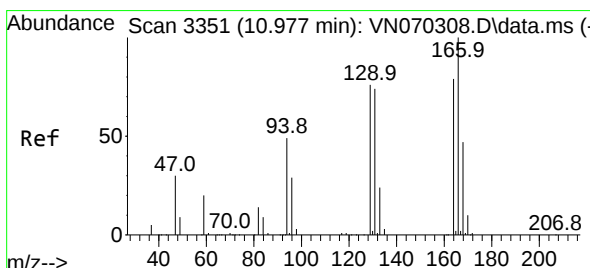
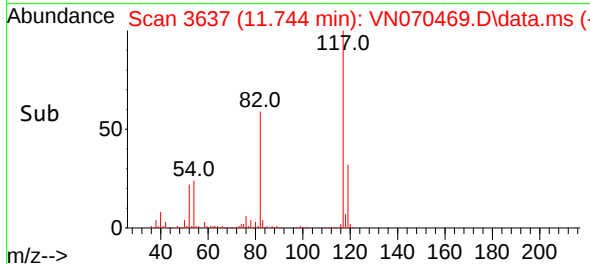
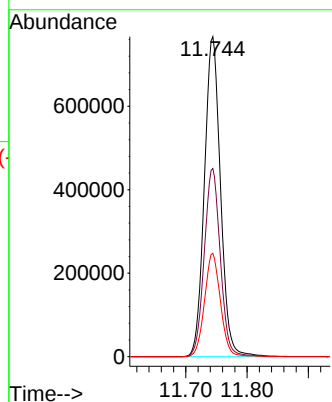
Tgt Ion:117 Resp: 1403673

Ion Ratio Lower Upper

117 100

82 58.8 42.4 63.6

119 32.3 25.4 38.2



#64

Tetrachloroethene

Concen: 0.304 ug/l

RT: 10.972 min Scan# 3349

Delta R.T. -0.005 min

Lab File: VN070469.D

Acq: 4 Jan 2022 17:33

Tgt Ion:164 Resp: 3087

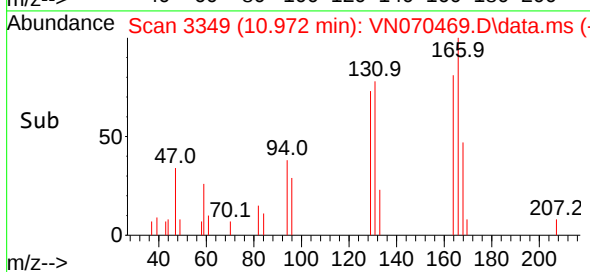
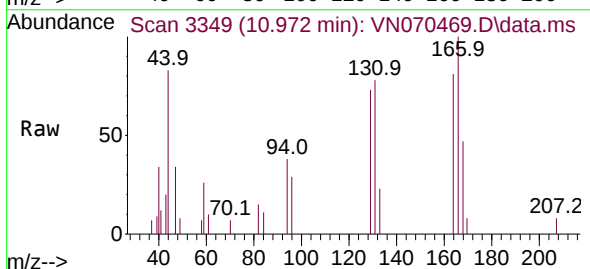
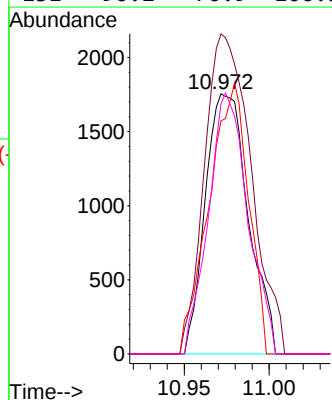
Ion Ratio Lower Upper

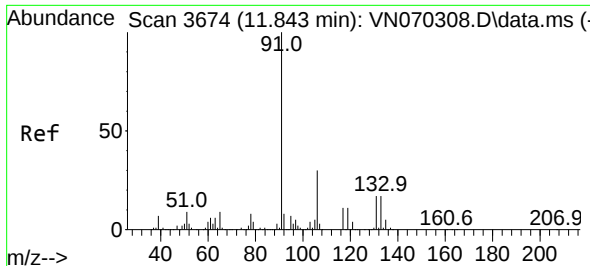
164 100

166 123.0 101.9 152.9

129 89.6 72.0 108.0

131 96.2 70.9 106.3

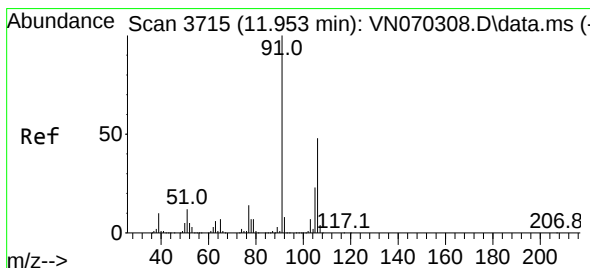
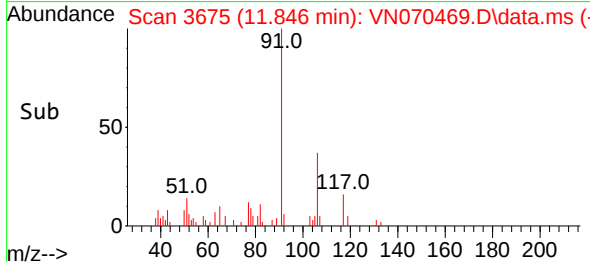
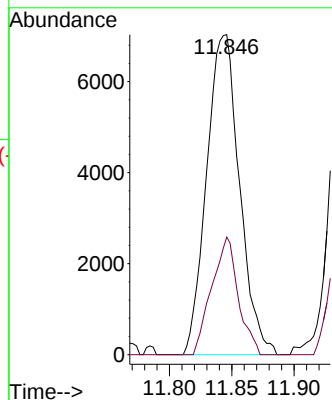
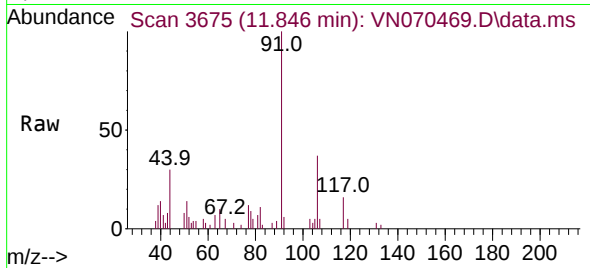




#67
Ethyl Benzene
Concen: 0.237 ug/l
RT: 11.846 min Scan# 3674
Delta R.T. 0.003 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

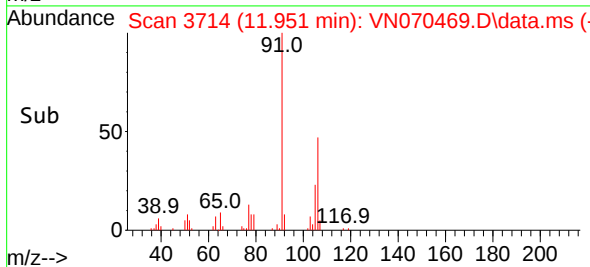
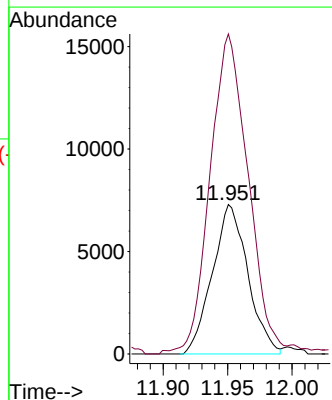
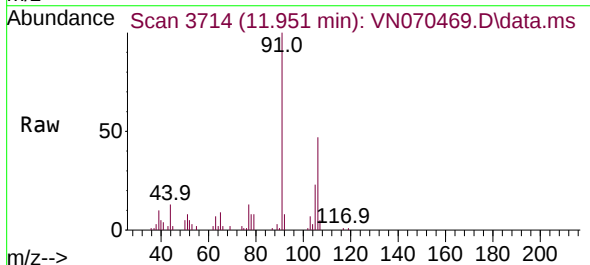
Instrument :
MSVOA_N
ClientSampleId :

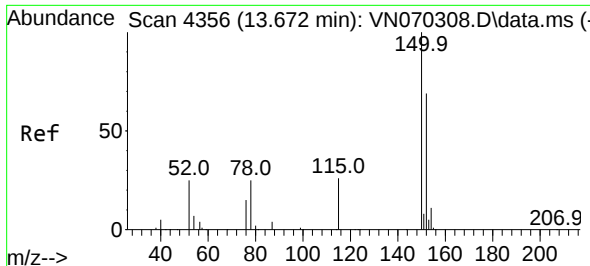
Tgt Ion: 91 Resp: 12919
Ion Ratio Lower Upper
91 100
106 36.7 25.7 38.5



#68
m/p-Xylenes
Concen: 0.702 ug/l
RT: 11.951 min Scan# 3714
Delta R.T. -0.002 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

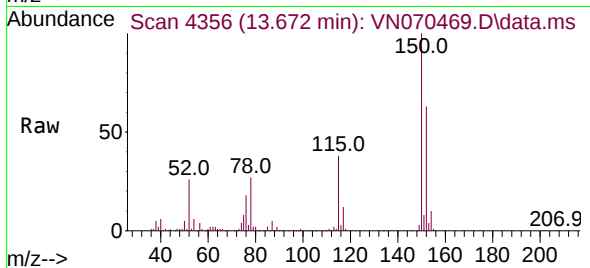
Tgt Ion:106 Resp: 13946
Ion Ratio Lower Upper
106 100
91 229.6 160.6 240.8



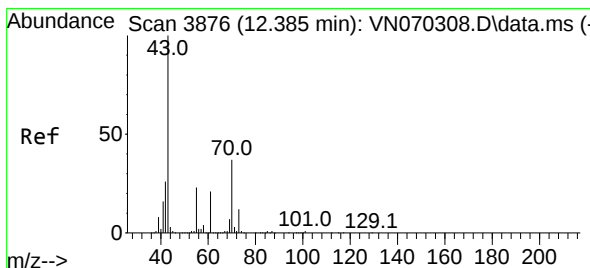
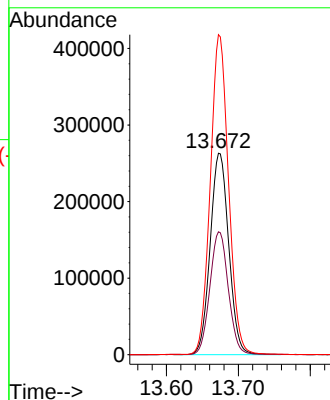
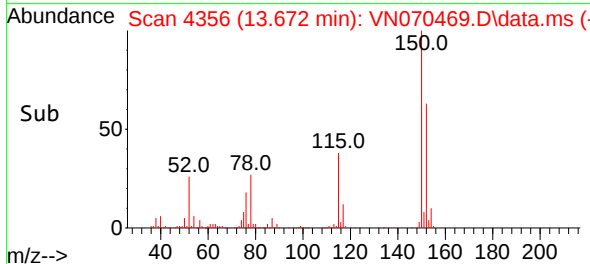


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

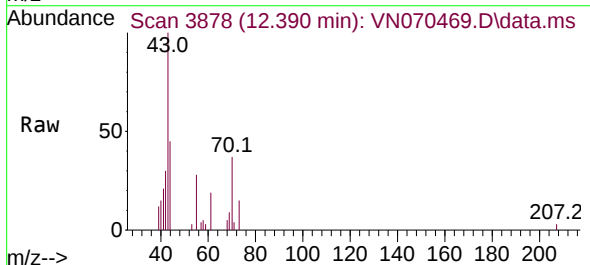
Instrument :
MSVOA_N
ClientSampleId :



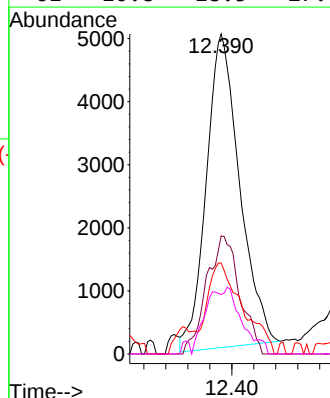
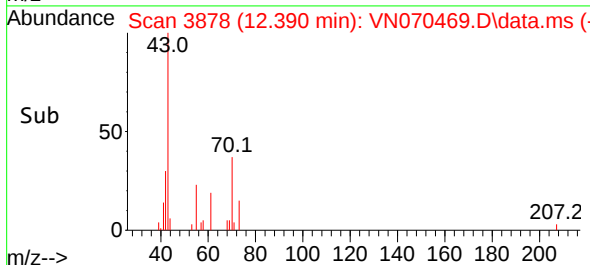
Tgt Ion:152 Resp: 472625
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 155.6 0.0 344.4

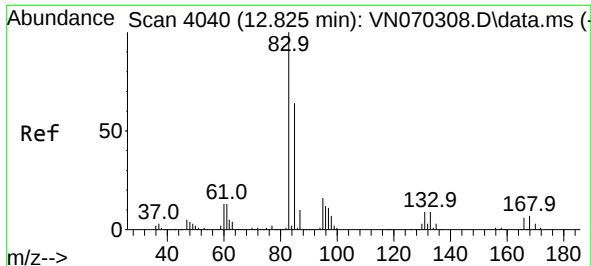


#74
N-ethyl acetate
Concen: 0.567 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.005 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33



Tgt Ion: 43 Resp: 10455
Ion Ratio Lower Upper
43 100
70 37.4 33.4 50.0
55 30.5 19.3 28.9#
61 10.8 18.5 27.7#

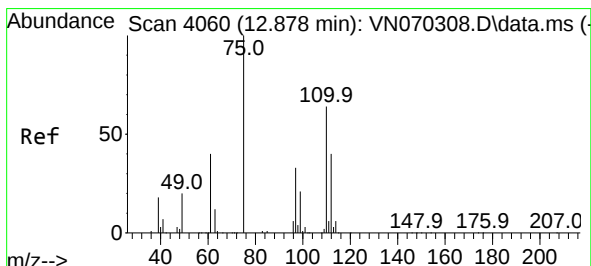
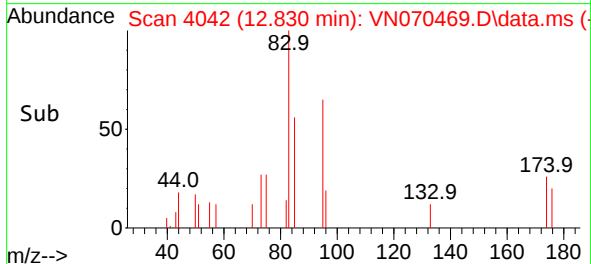
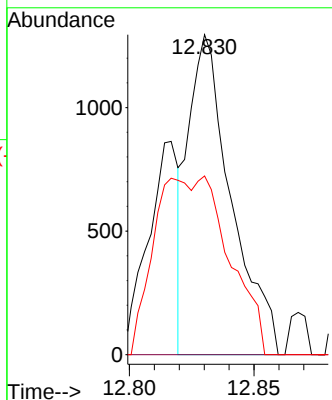
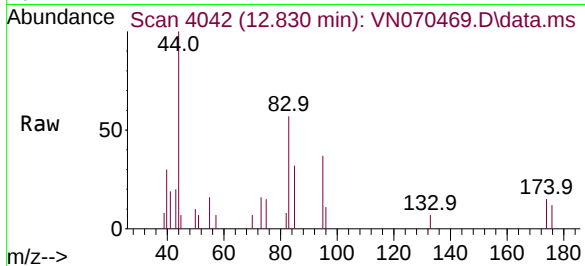




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.543 ug/l
 RT: 12.830 min Scan# 4040
 Delta R.T. 0.005 min
 Lab File: VN070469.D
 Acq: 4 Jan 2022 17:33

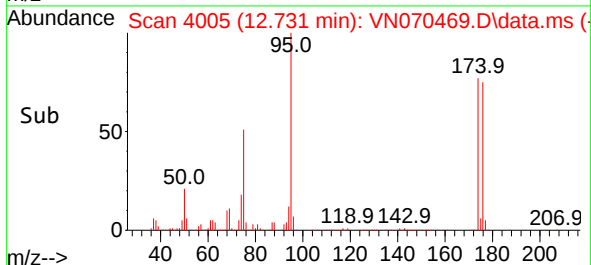
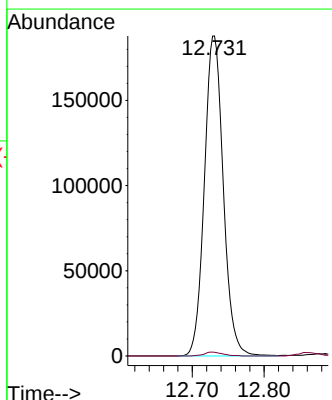
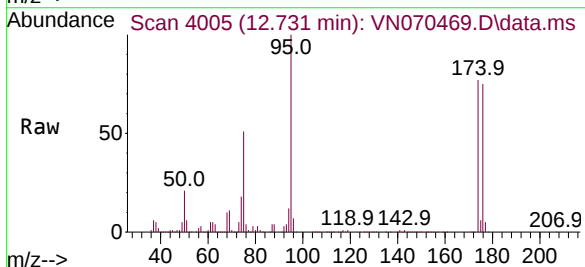
Instrument :
 MSVOA_N
 ClientSampleId :

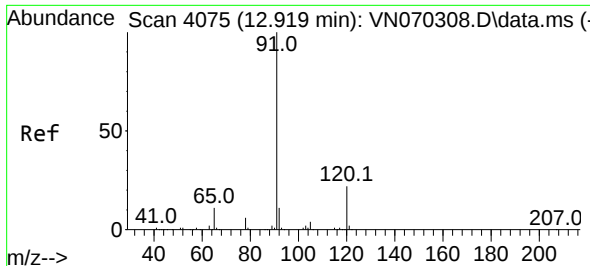
Tgt Ion: 83 Resp: 1550
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 0.0 32.4 97.2#



#76
 1,2,3-Trichloropropane
 Concen: 25.966 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.147 min
 Lab File: VN070469.D
 Acq: 4 Jan 2022 17:33

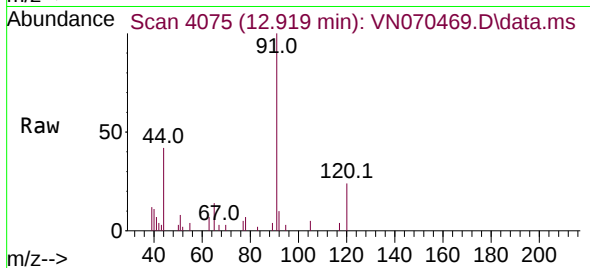
Tgt Ion: 75 Resp: 343861
 Ion Ratio Lower Upper
 75 100
 77 1.2 82.6 247.8#



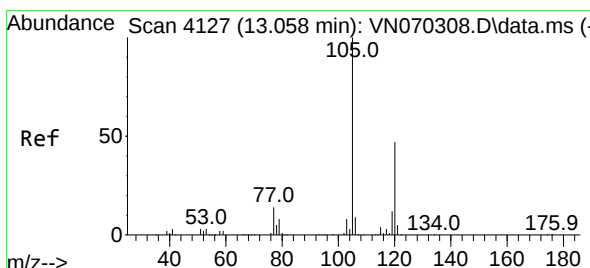
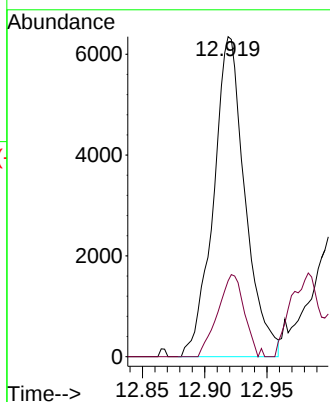
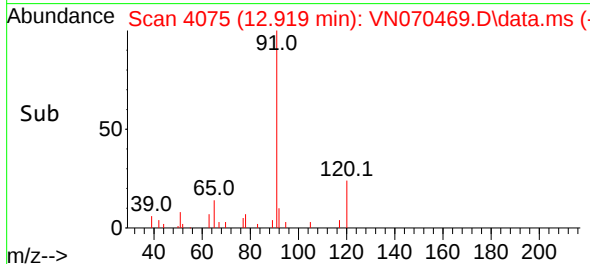


#78
n-propylbenzene
Concen: 0.231 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

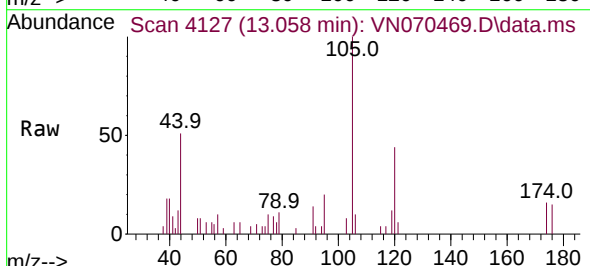
Instrument :
MSVOA_N
ClientSampleId :



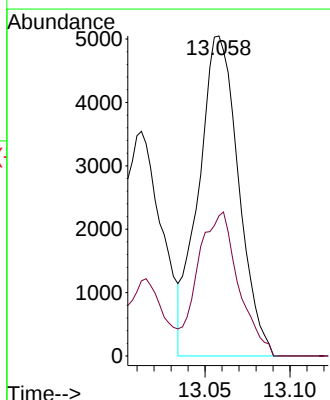
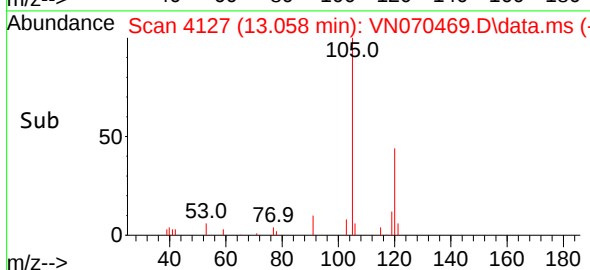
Tgt Ion: 91 Resp: 11220
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9

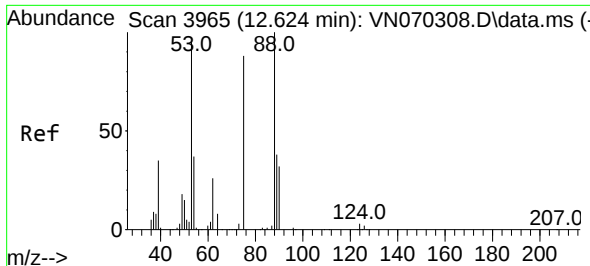


#80
1,3,5-Trimethylbenzene
Concen: 0.235 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33



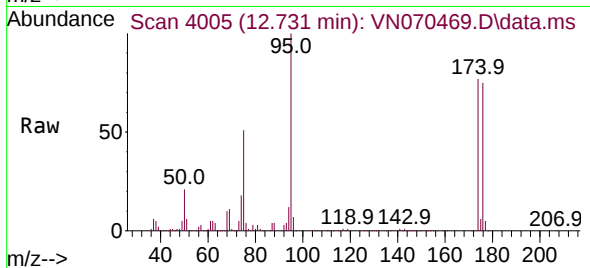
Tgt Ion: 105 Resp: 8249
Ion Ratio Lower Upper
105 100
120 46.0 24.6 73.6



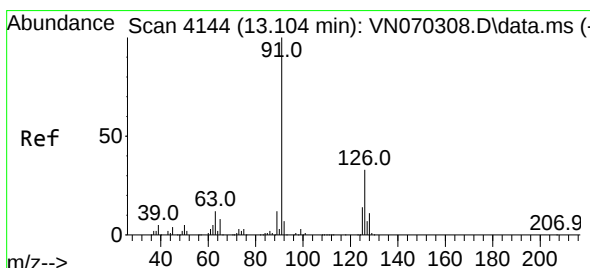
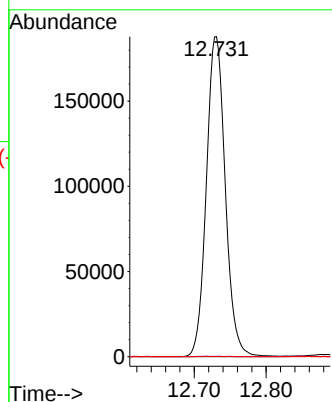
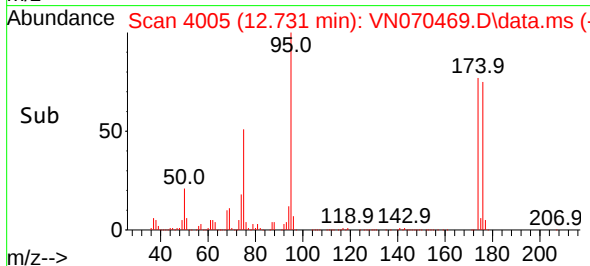


#81
trans-1,4-Dichloro-2-butene
Concen: 88.890 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

Instrument :
MSVOA_N
ClientSampleId :

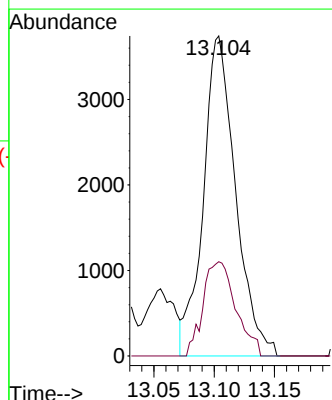
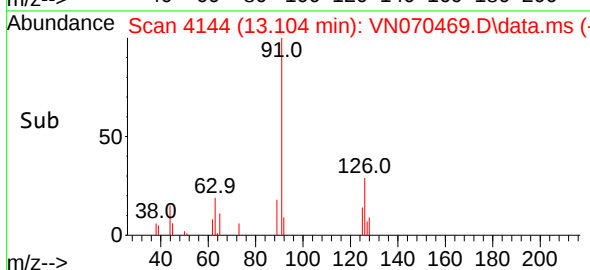
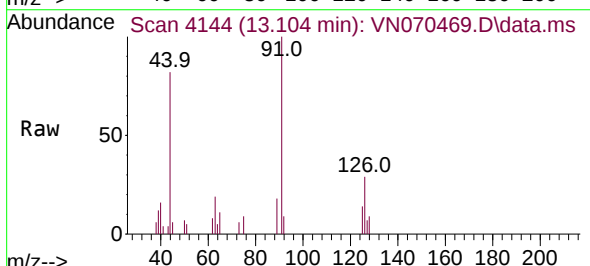


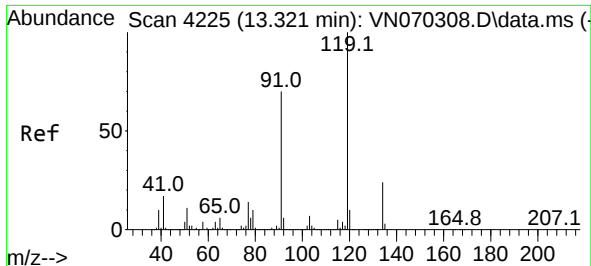
Tgt Ion: 75 Resp: 343861
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 0.238 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

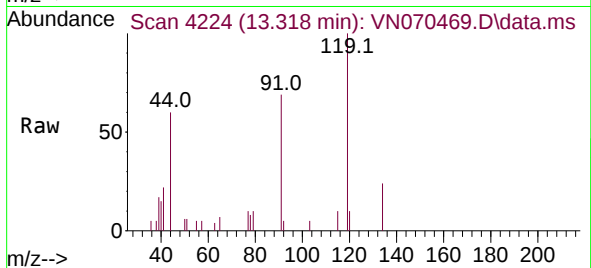
Tgt Ion: 91 Resp: 6967
Ion Ratio Lower Upper
91 100
126 30.0 18.2 54.6



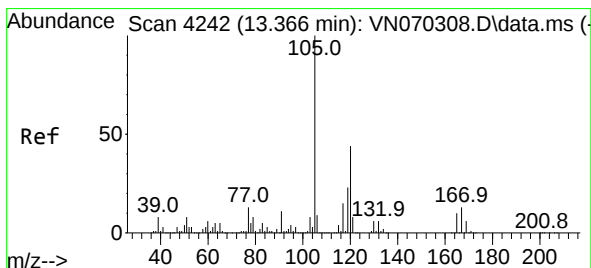
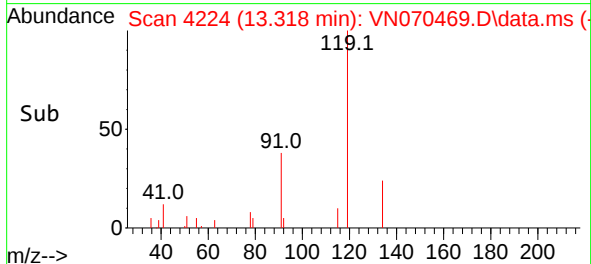
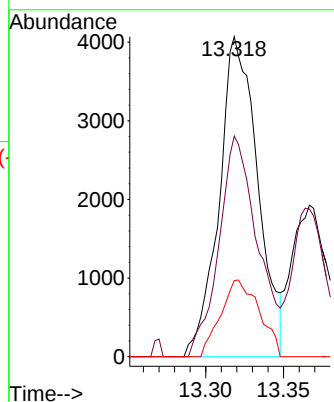


#83
tert-Butylbenzene
Concen: 0.227 ug/l
RT: 13.318 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

Instrument :
MSVOA_N
ClientSampleId :

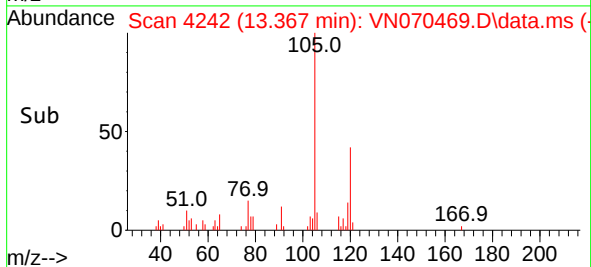
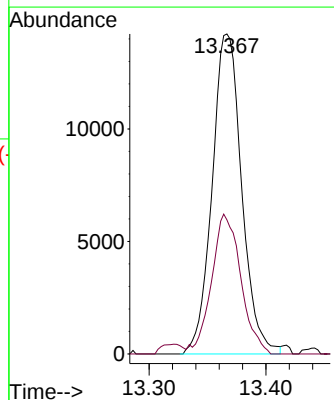
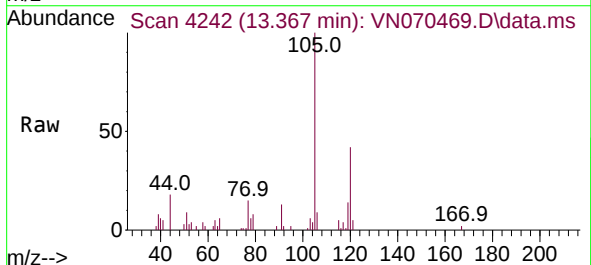


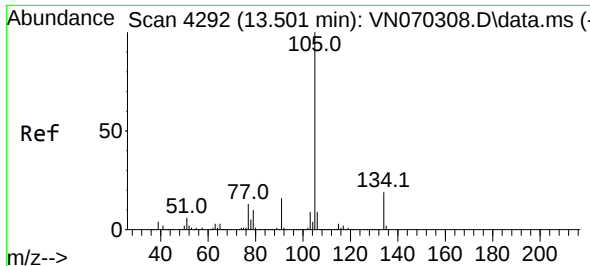
Tgt Ion:119 Resp: 7025
Ion Ratio Lower Upper
119 100
91 68.8 31.5 94.5
134 23.9 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 0.739 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. 0.001 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

Tgt Ion:105 Resp: 25042
Ion Ratio Lower Upper
105 100
120 43.2 22.8 68.4

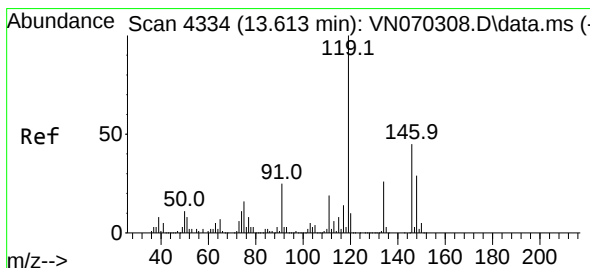
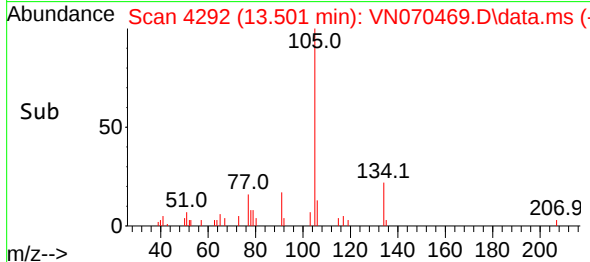
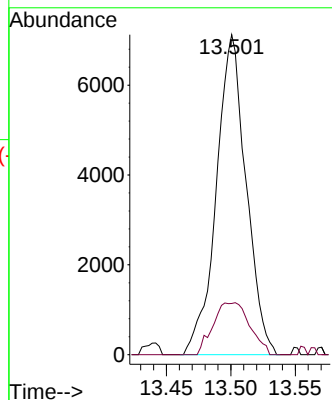
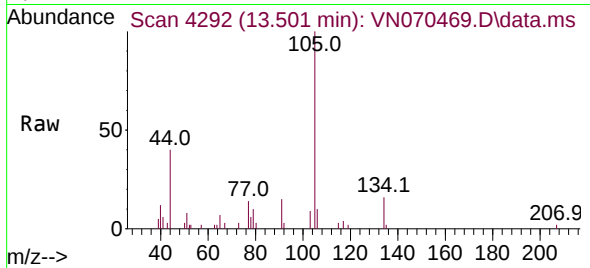




#85
 sec-Butylbenzene
 Concen: 0.272 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN070469.D
 Acq: 4 Jan 2022 17:33

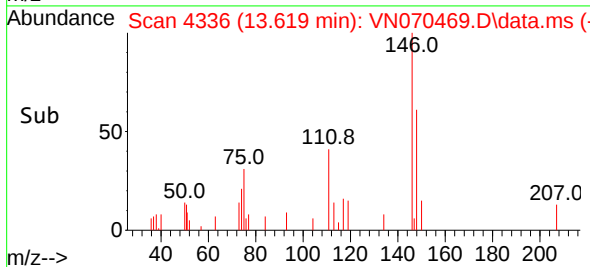
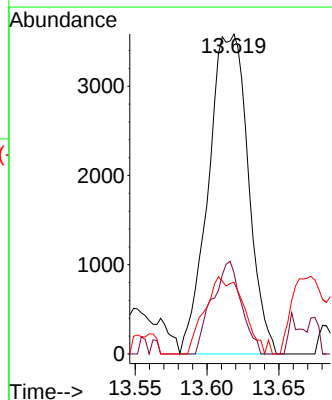
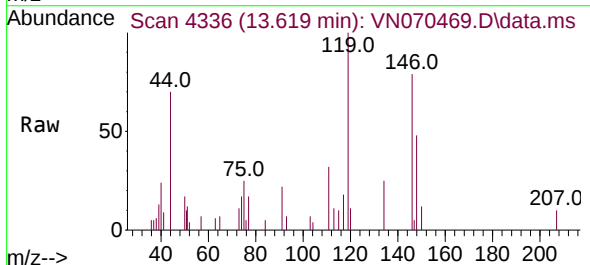
Instrument :
 MSVOA_N
 ClientSampleId :

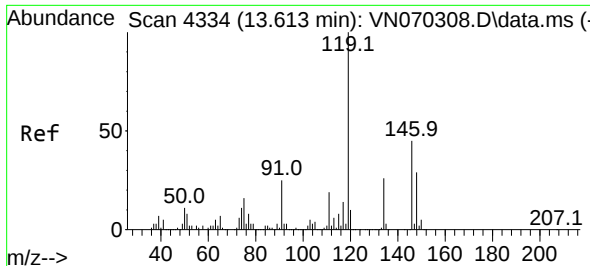
Tgt Ion:105 Resp: 11451
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.209 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.006 min
 Lab File: VN070469.D
 Acq: 4 Jan 2022 17:33

Tgt Ion:119 Resp: 6888
 Ion Ratio Lower Upper
 119 100
 134 21.1 13.6 40.7
 91 23.6 11.4 34.1

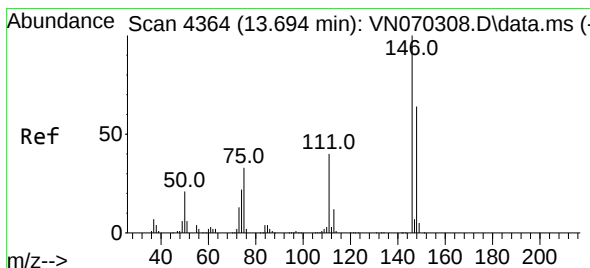
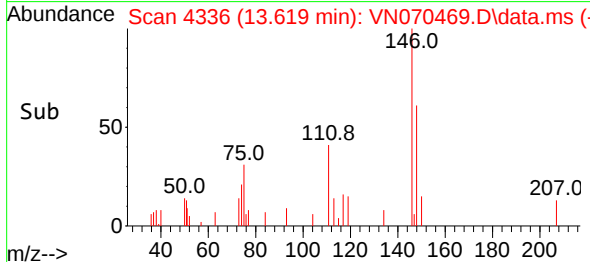
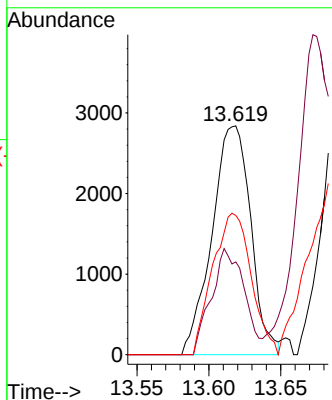
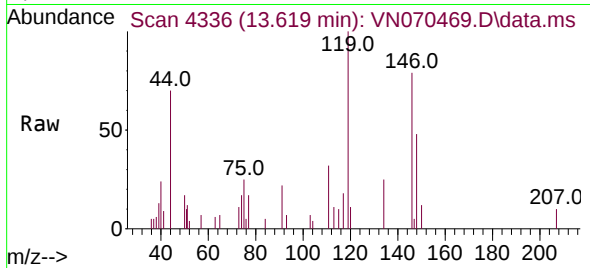




#87
1,3-Dichlorobenzene
Concen: 0.316 ug/l
RT: 13.619 min Scan# 4334
Delta R.T. 0.006 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

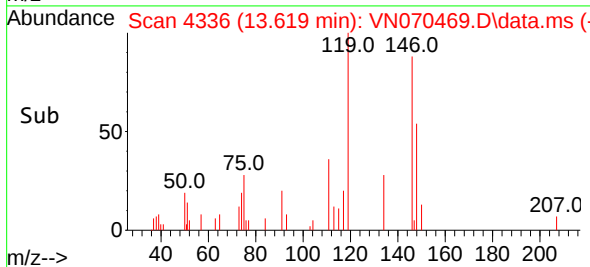
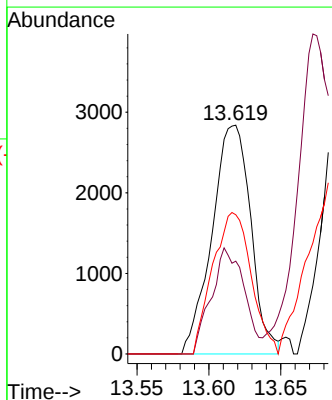
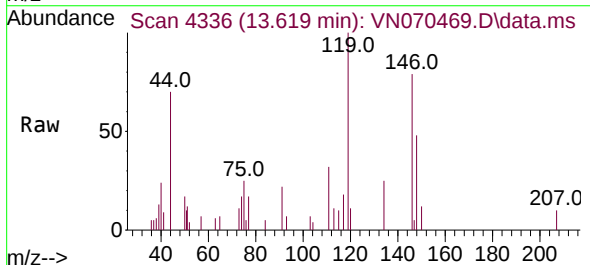
Instrument :
MSVOA_N
ClientSampleId :

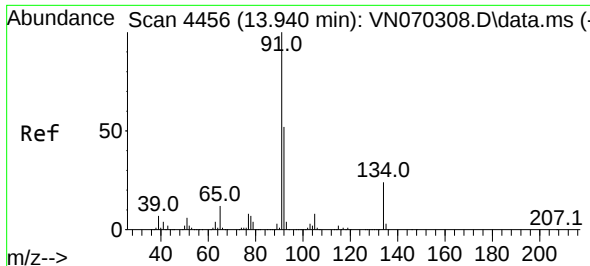
Tgt Ion:146 Resp: 5332
Ion Ratio Lower Upper
146 100
111 39.6 18.6 55.6
148 61.4 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 0.320 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.075 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

Tgt Ion:146 Resp: 5332
Ion Ratio Lower Upper
146 100
111 39.6 18.3 54.8
148 61.4 31.8 95.4

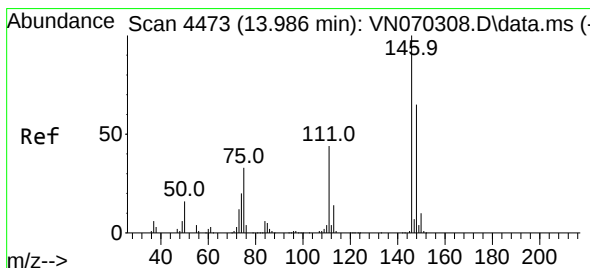
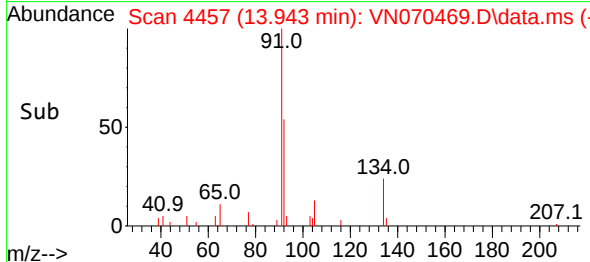
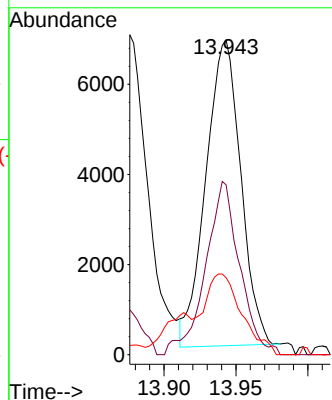
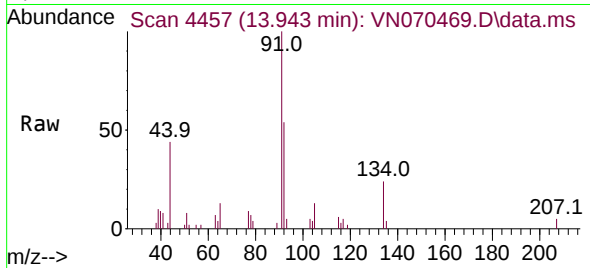




#89
n-Butylbenzene
Concen: 0.416 ug/l
RT: 13.943 min Scan# 4456
Delta R.T. 0.003 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

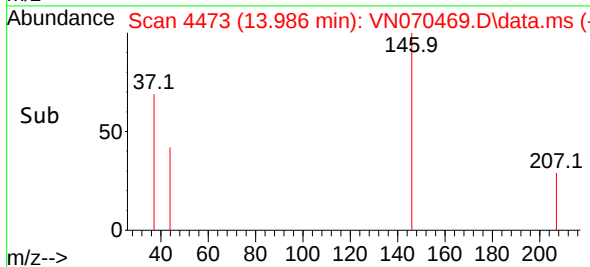
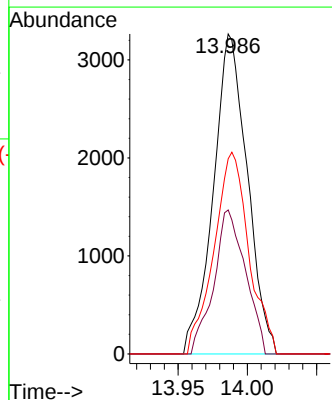
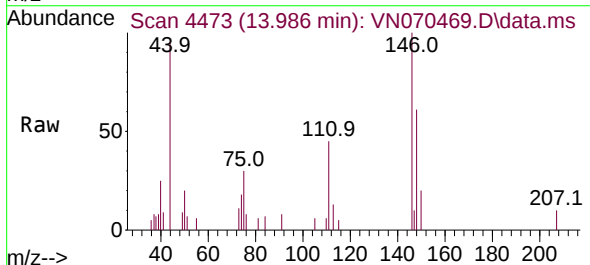
Instrument :
MSVOA_N
ClientSampleId :

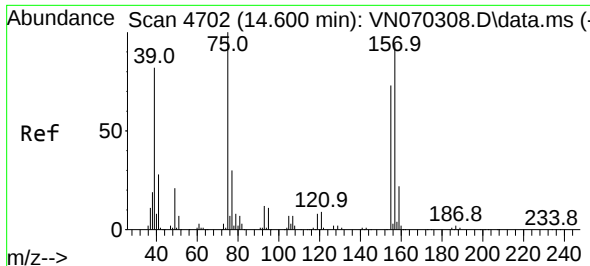
Tgt Ion: 91 Resp: 11456
Ion Ratio Lower Upper
91 100
92 55.4 25.4 76.0
134 27.7 13.6 40.8



#91
1,2-Dichlorobenzene
Concen: 0.336 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. 0.000 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

Tgt Ion:146 Resp: 5561
Ion Ratio Lower Upper
146 100
111 41.9 19.1 57.3
148 64.9 32.1 96.3

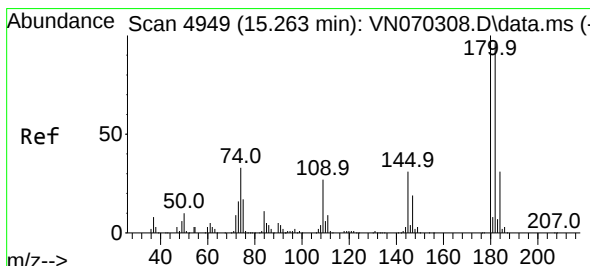
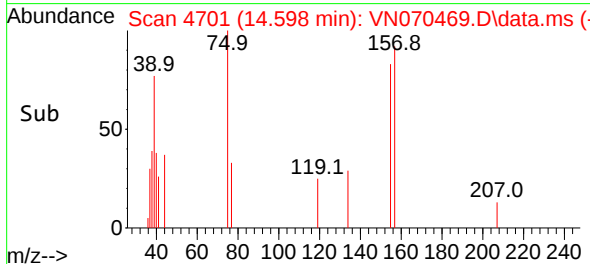
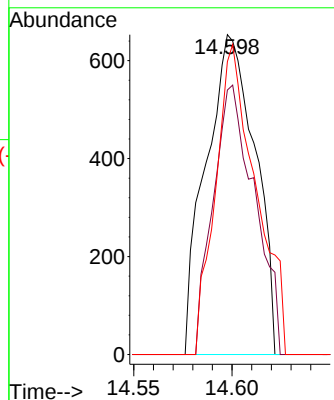
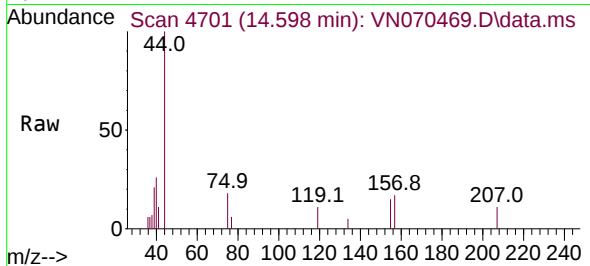




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.445 ug/l
RT: 14.598 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

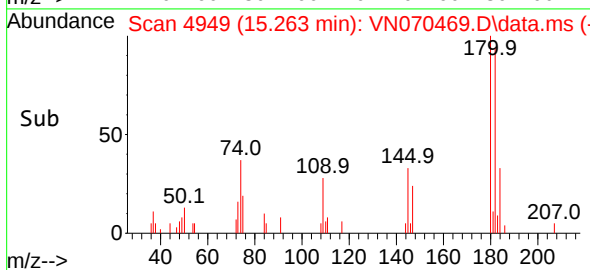
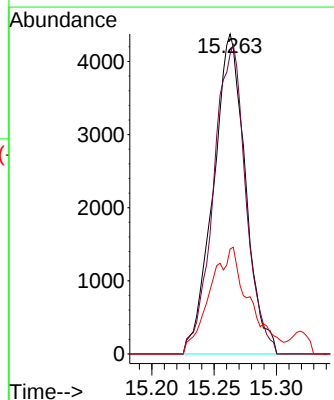
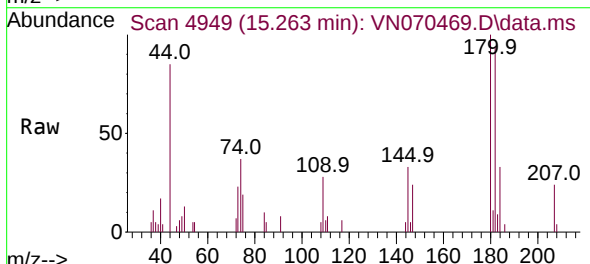
Instrument :
MSVOA_N
ClientSampleId :

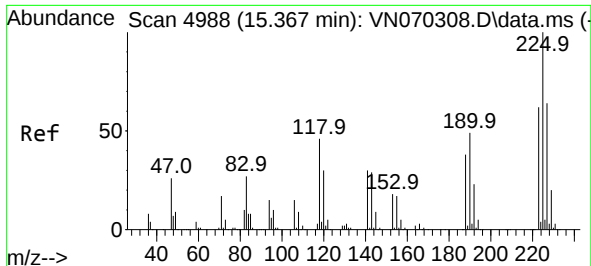
Tgt Ion: 75 Resp: 1131
Ion Ratio Lower Upper
75 100
155 71.5 46.9 140.7
157 80.0 60.6 181.7



#93
1,2,4-Trichlorobenzene
Concen: 1.007 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

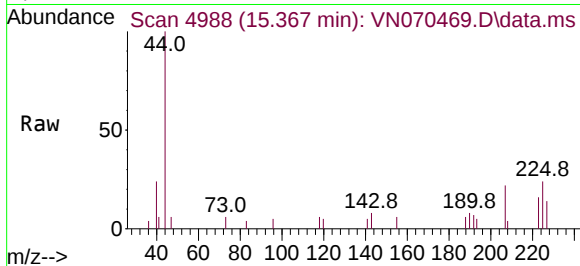
Tgt Ion: 180 Resp: 7844
Ion Ratio Lower Upper
180 100
182 97.1 48.3 144.9
145 41.4 14.5 43.5



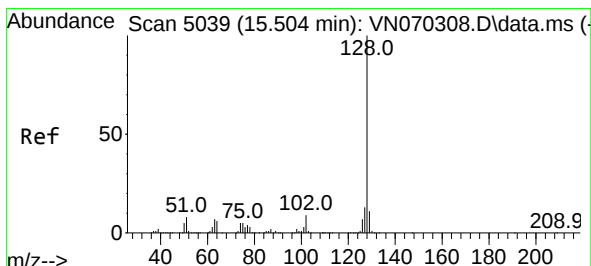
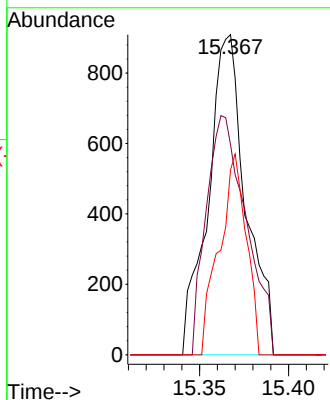
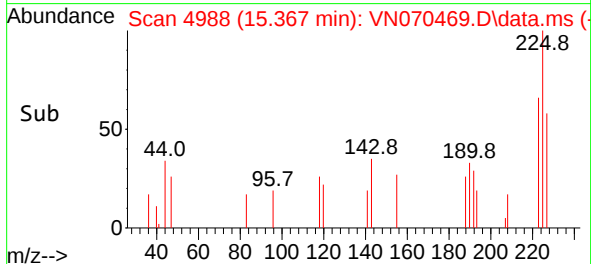


#94
Hexachlorobutadiene
Concen: 0.297 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. 0.000 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33

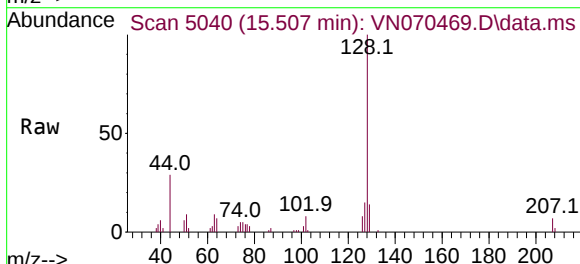
Instrument :
MSVOA_N
ClientSampleId :



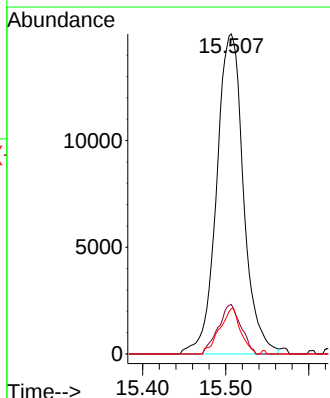
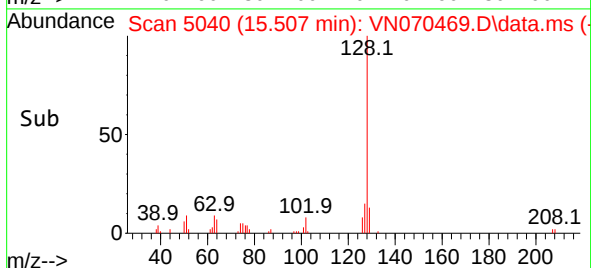
Tgt Ion:225 Resp: 1345
Ion Ratio Lower Upper
225 100
223 79.0 31.9 95.7
227 44.8 32.1 96.3

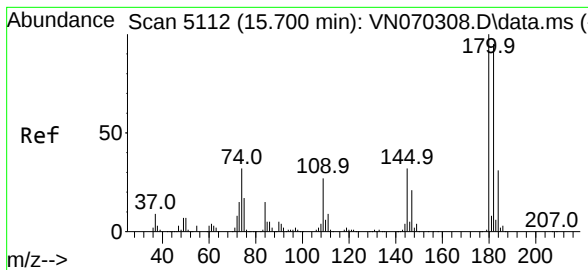


#95
Naphthalene
Concen: 3.306 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070469.D
Acq: 4 Jan 2022 17:33



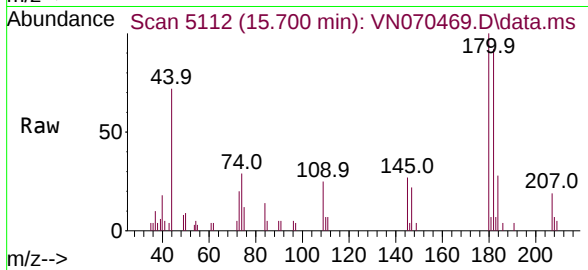
Tgt Ion:128 Resp: 33703
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.1 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.078 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN070469.D
 Acq: 4 Jan 2022 17:33

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 9491

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.4	142.2
145	37.9	15.0	45.1

