

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070366.D
 Acq On : 29 Dec 2021 23:56
 Operator : JC/MD
 Sample : VN1229WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 30 01:54:09 2021
 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

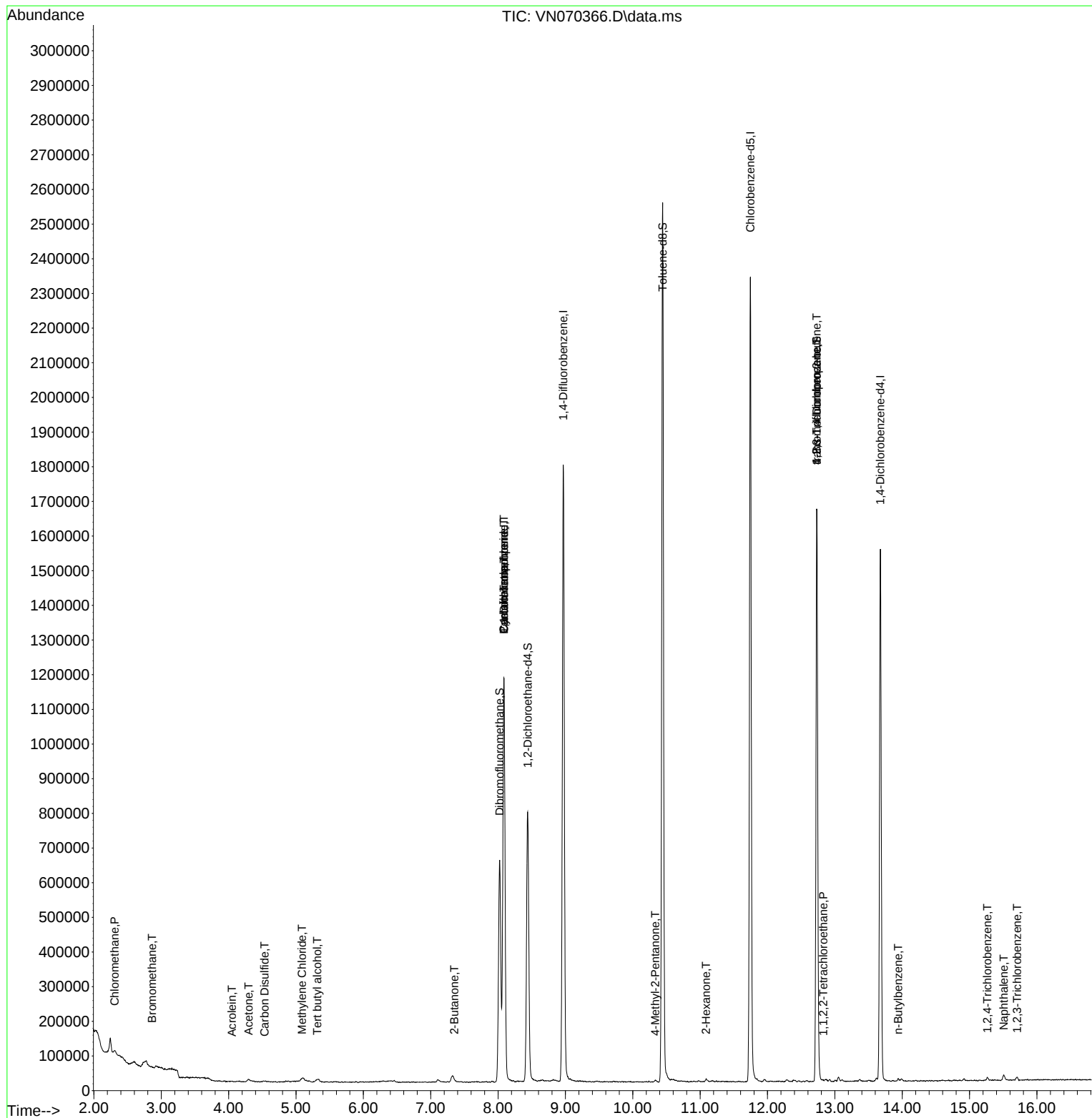
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	883636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1502979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1327948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	416295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	662847	52.172	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.340%	
35) Dibromofluoromethane	8.024	113	468933	51.566	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.140%	
50) Toluene-d8	10.443	98	1766162	47.543	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 95.080%	
62) 4-Bromofluorobenzene	12.731	95	595050	44.349	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 88.700%	
Target Compounds						Qvalue
3) Chloromethane	2.306	50	3668	0.269	ug/l	96
5) Bromomethane	2.864	94	1742	0.272	ug/l	94
11) Tert butyl alcohol	5.315	59	9280	4.387	ug/l #	71
13) Acrolein	4.047	56	1400	0.816	ug/l #	73
16) Acetone	4.296	43	6040	0.732	ug/l #	85
17) Carbon Disulfide	4.535	76	5953	0.242	ug/l #	94
20) Methylene Chloride	5.090	84	5192	0.455	ug/l #	86
25) 2-Butanone	7.351	43	2333	0.225	ug/l	98
31) Cyclohexane	8.086	56	21172	1.056	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	73869	4.910	ug/l #	49
38) Carbon Tetrachloride	8.086	117	86675	6.034	ug/l #	16
51) 4-Methyl-2-Pentanone	10.333	43	4140	0.214	ug/l #	84
59) 2-Hexanone	11.087	43	6647	0.472	ug/l	86
75) 1,1,2,2-Tetrachloroethane	12.827	83	1358	0.543	ug/l #	55
76) 1,2,3-Trichloropropane	12.731	75	317341	27.075	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	317341	93.135	ug/l #	5
89) n-Butylbenzene	13.940	91	4909	0.202	ug/l	95
93) 1,2,4-Trichlorobenzene	15.265	180	3328	0.485	ug/l	96
95) Naphthalene	15.507	128	13504	2.483	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.705	180	3537	1.356	ug/l	94

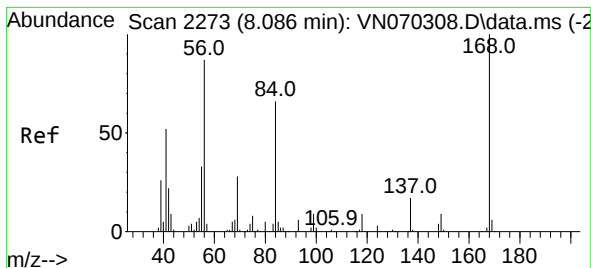
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
Data File : VN070366.D
Acq On : 29 Dec 2021 23:56
Operator : JC/MD
Sample : VN1229WBL02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 30 01:54:09 2021
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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 21

Delta R.T. 0.002 min

Lab File: VN070366.D

Acq: 29 Dec 2021 23:56

Instrument :

MSVOA_N

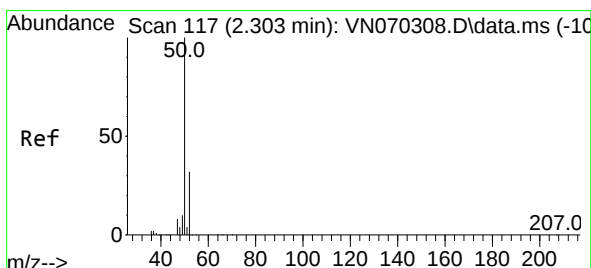
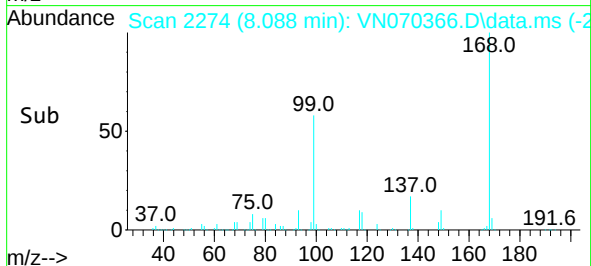
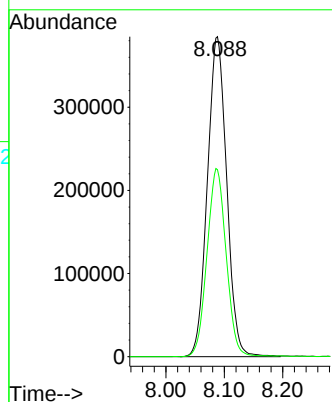
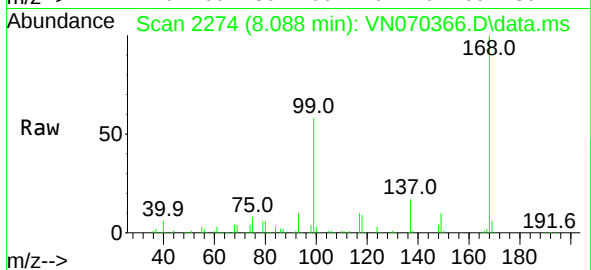
ClientSampleId :

Tgt Ion:168 Resp: 883636

Ion Ratio Lower Upper

168 100

99 58.5 41.3 61.9



#3

Chloromethane

Concen: 0.269 ug/l

RT: 2.306 min Scan# 118

Delta R.T. 0.003 min

Lab File: VN070366.D

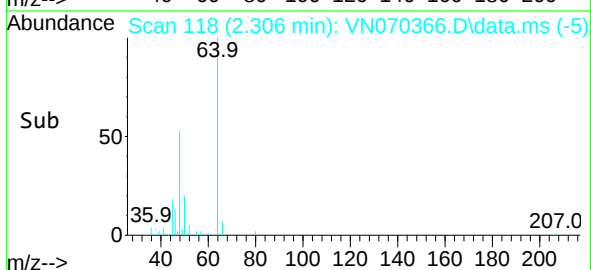
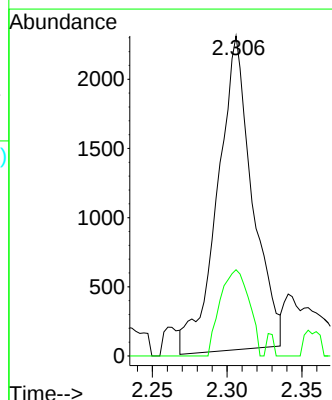
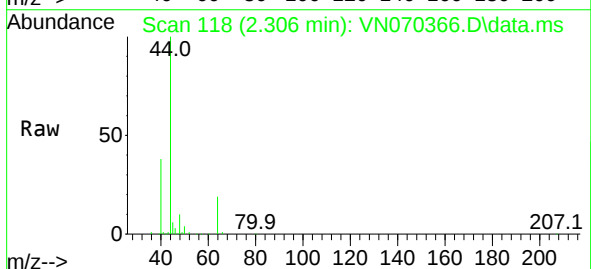
Acq: 29 Dec 2021 23:56

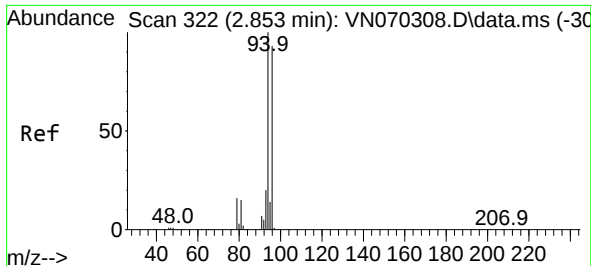
Tgt Ion: 50 Resp: 3668

Ion Ratio Lower Upper

50 100

52 29.4 25.4 38.0

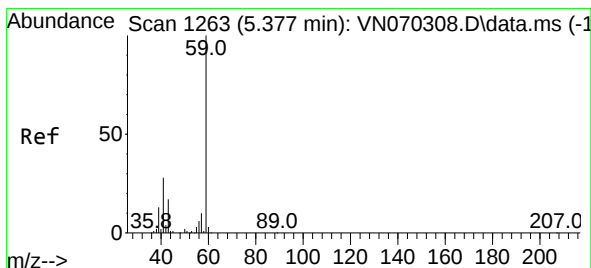
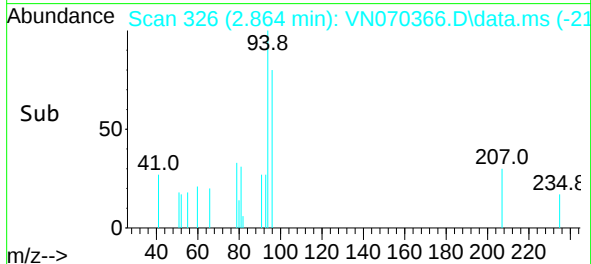
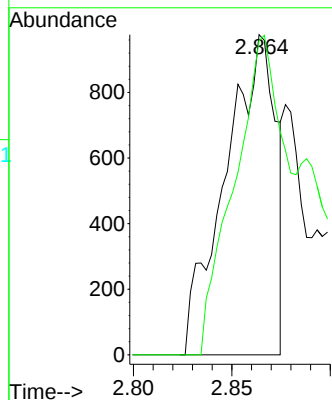
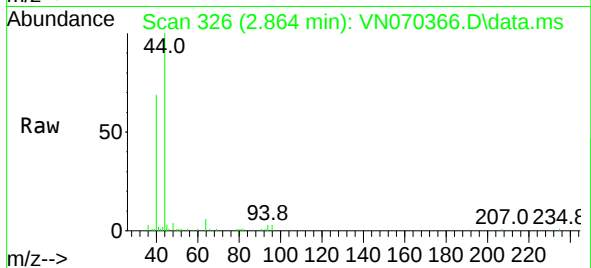




#5
Bromomethane
Concen: 0.272 ug/l
RT: 2.864 min Scan# 31
Delta R.T. 0.011 min
Lab File: VN070366.D
Acq: 29 Dec 2021 23:56

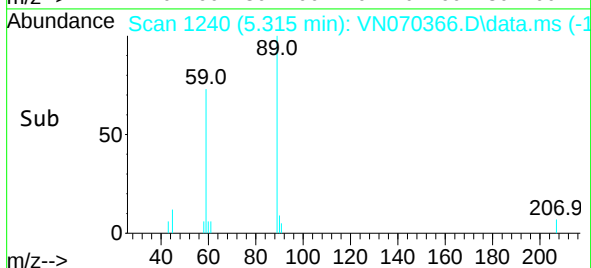
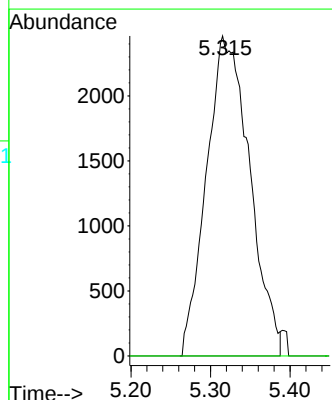
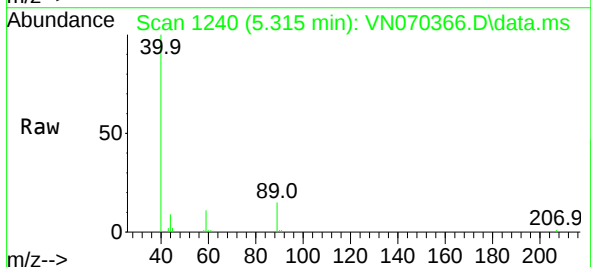
Instrument :
MSVOA_N
ClientSampleId :

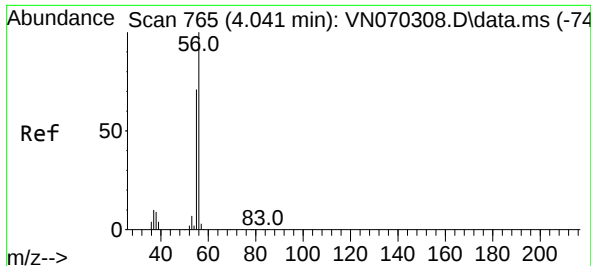
Tgt Ion: 94 Resp: 1742
Ion Ratio Lower Upper
94 100
96 98.2 73.8 110.8



#11
Tert butyl alcohol
Concen: 4.387 ug/l
RT: 5.315 min Scan# 1240
Delta R.T. -0.062 min
Lab File: VN070366.D
Acq: 29 Dec 2021 23:56

Tgt Ion: 59 Resp: 9280
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

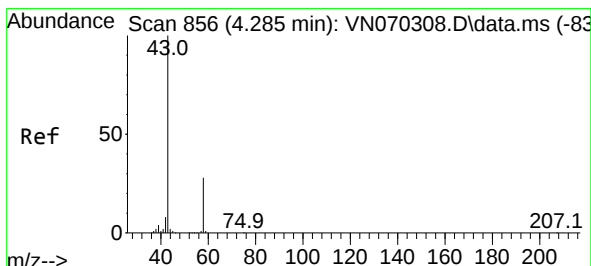
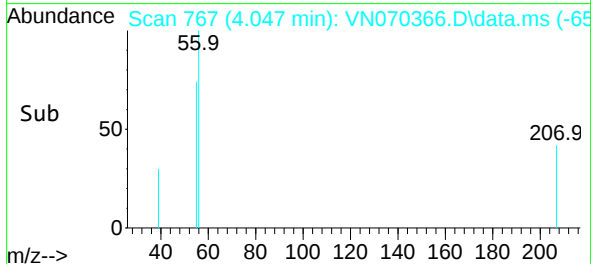
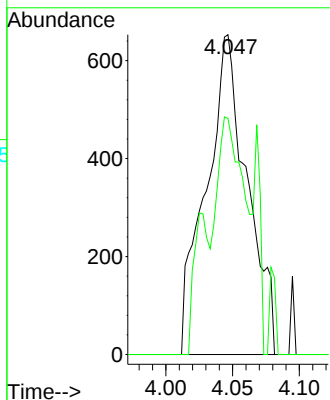
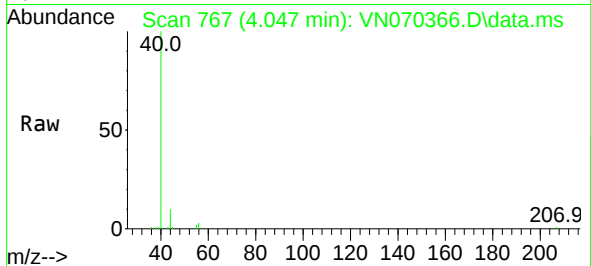




#13
Acrolein
Concen: 0.816 ug/l
RT: 4.047 min Scan# 765
Delta R.T. 0.006 min
Lab File: VN070366.D
Acq: 29 Dec 2021 23:56

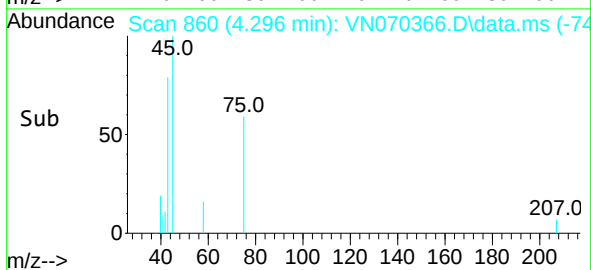
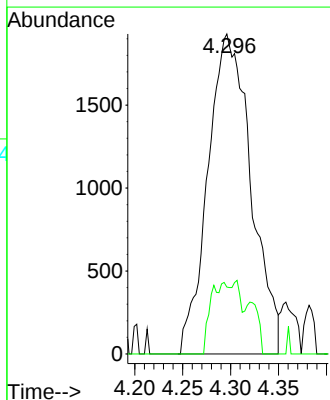
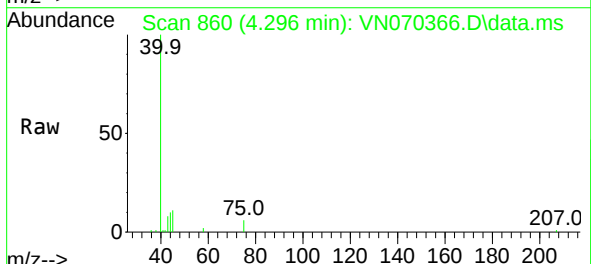
Instrument :
MSVOA_N
ClientSampleId :

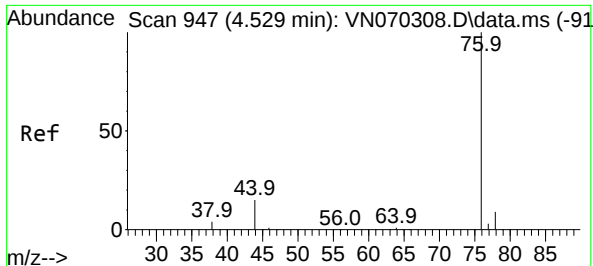
Tgt Ion: 56 Resp: 1400
Ion Ratio Lower Upper
56 100
55 48.1 56.6 85.0#



#16
Acetone
Concen: 0.732 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN070366.D
Acq: 29 Dec 2021 23:56

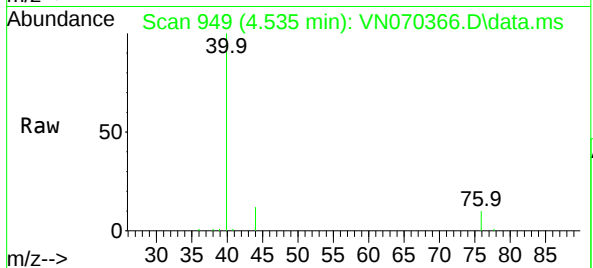
Tgt Ion: 43 Resp: 6040
Ion Ratio Lower Upper
43 100
58 20.9 23.1 34.7#



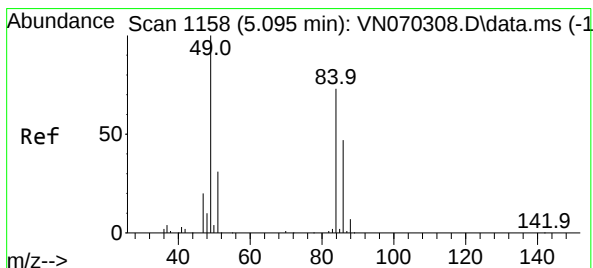
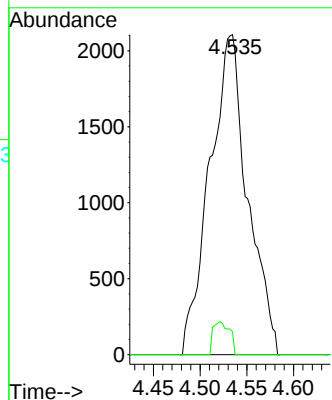
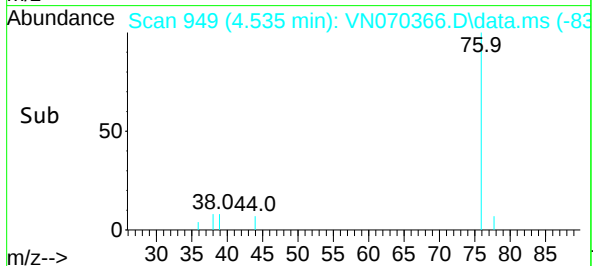


#17
Carbon Disulfide
Concen: 0.242 ug/l
RT: 4.535 min Scan# 947
Delta R.T. 0.006 min
Lab File: VN070366.D
Acq: 29 Dec 2021 23:56

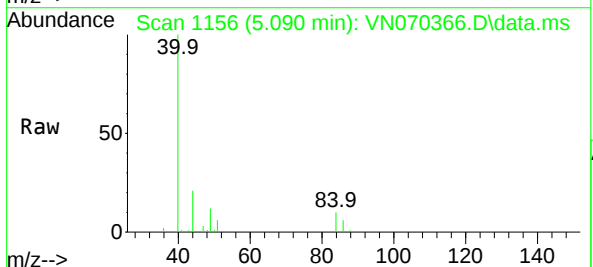
Instrument :
MSVOA_N
ClientSampleId :



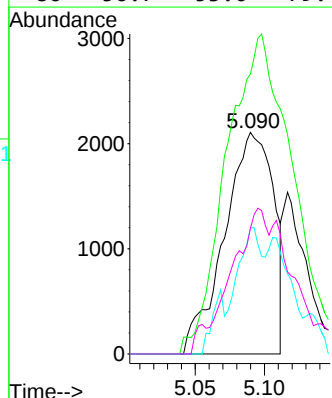
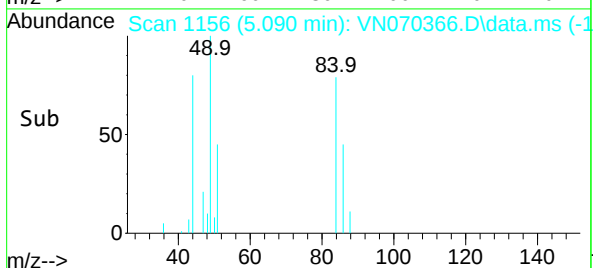
Tgt Ion: 76 Resp: 5953
Ion Ratio Lower Upper
76 100
78 7.2 7.5 11.3#

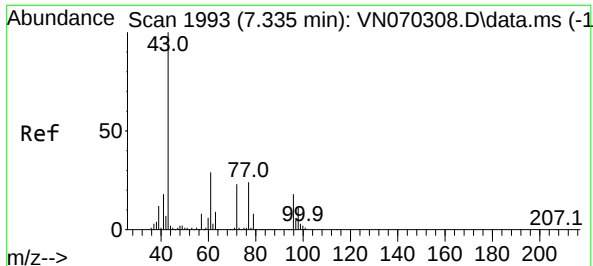


#20
Methylene Chloride
Concen: 0.455 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.005 min
Lab File: VN070366.D
Acq: 29 Dec 2021 23:56



Tgt Ion: 84 Resp: 5192
Ion Ratio Lower Upper
84 100
49 126.3 93.5 140.3
51 56.9 29.4 44.2#
86 56.7 53.0 79.4





#25

2-Butanone

Concen: 0.225 ug/l

RT: 7.351 min Scan# 19

Delta R.T. 0.016 min

Lab File: VN070366.D

Acq: 29 Dec 2021 23:56

Instrument :

MSVOA_N

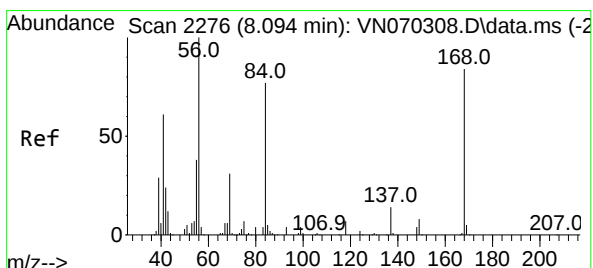
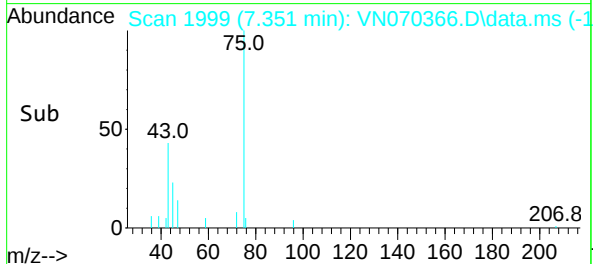
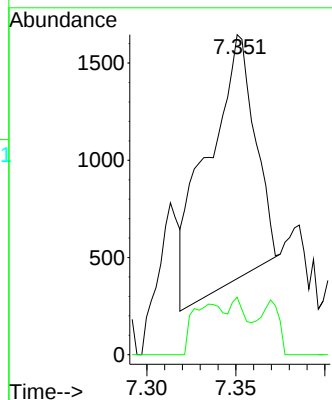
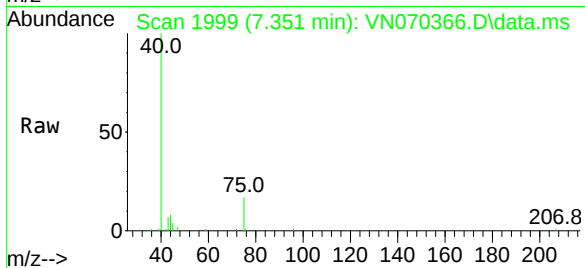
ClientSampleId :

Tgt Ion: 43 Resp: 2333

Ion Ratio Lower Upper

43 100

72 26.2 21.7 32.5



#31

Cyclohexane

Concen: 1.056 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.008 min

Lab File: VN070366.D

Acq: 29 Dec 2021 23:56

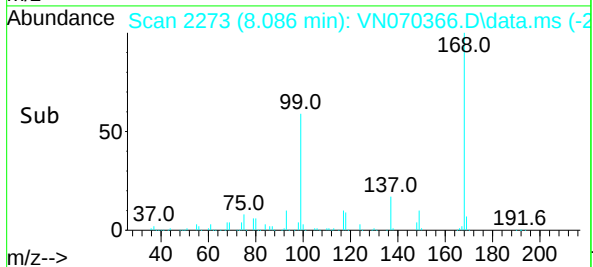
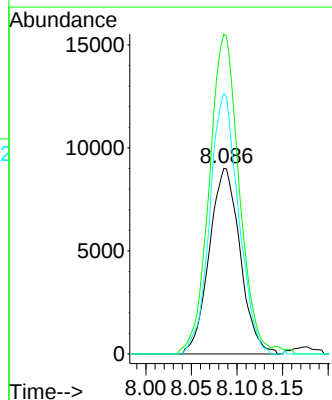
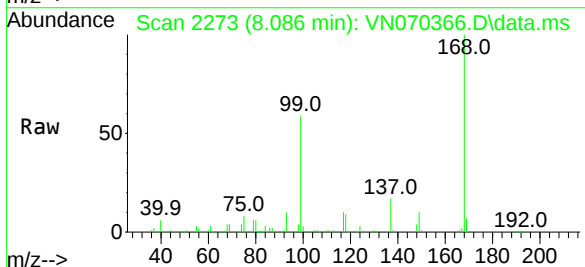
Tgt Ion: 56 Resp: 21172

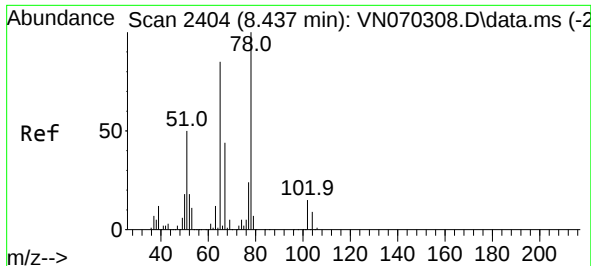
Ion Ratio Lower Upper

56 100

69 170.3 27.1 40.7#

84 140.3 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 52.172 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN070366.D

Acq: 29 Dec 2021 23:56

Instrument :

MSVOA_N

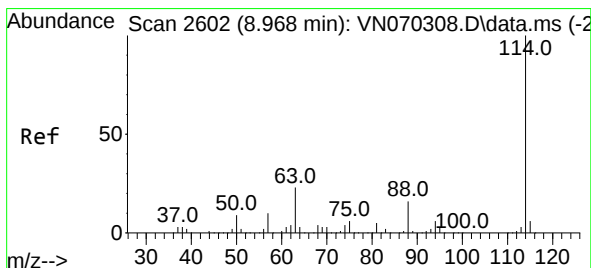
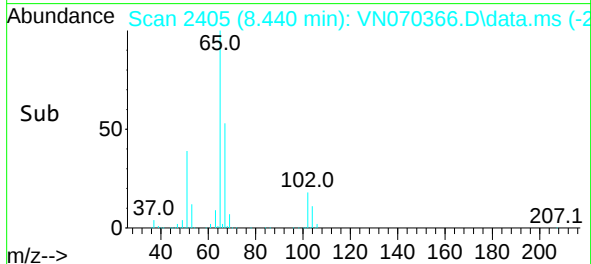
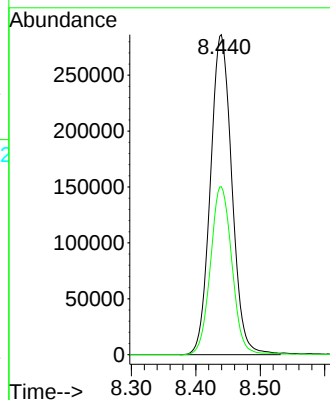
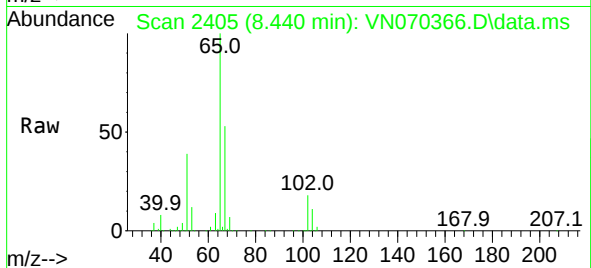
ClientSampleId :

Tgt Ion: 65 Resp: 662847

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070366.D

Acq: 29 Dec 2021 23:56

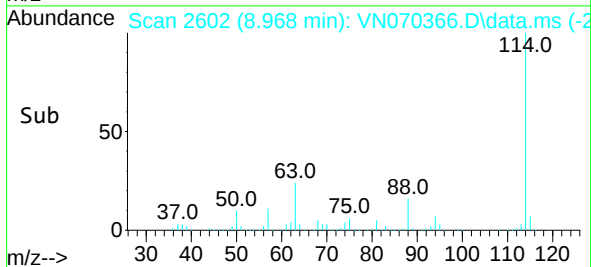
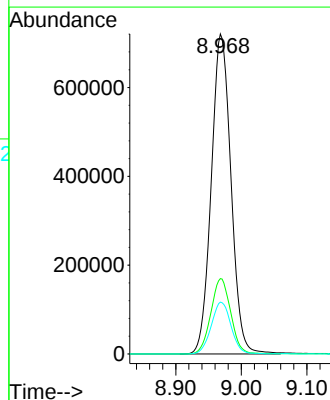
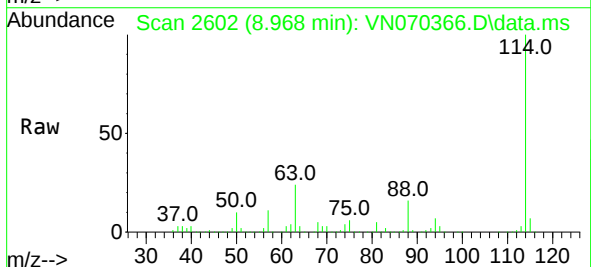
Tgt Ion: 114 Resp: 1502979

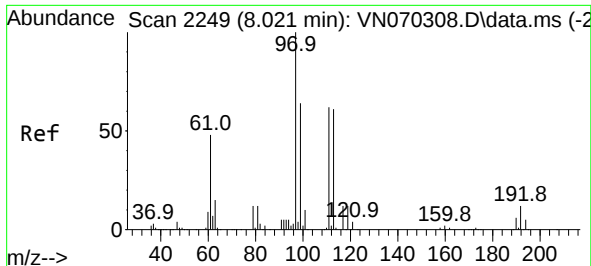
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

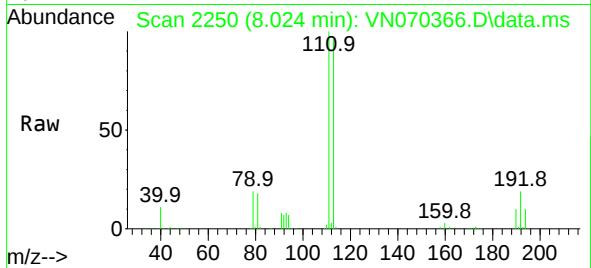
88 16.2 0.0 27.4



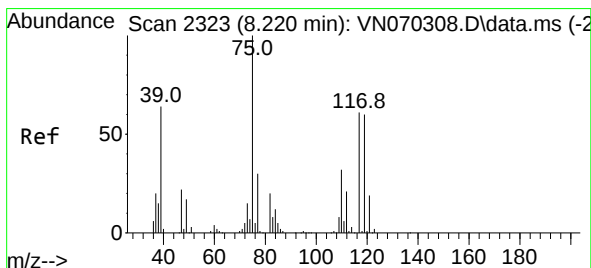
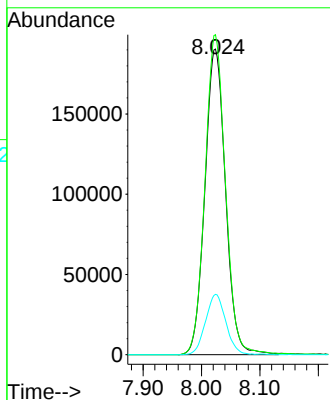
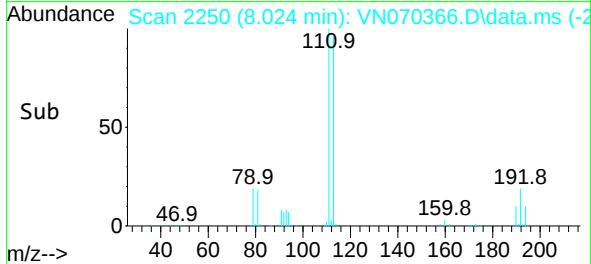


#35
Dibromofluoromethane
Concen: 51.566 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.003 min
Lab File: VN070366.D
Acq: 29 Dec 2021 23:56

Instrument :
MSVOA_N
ClientSampleId :

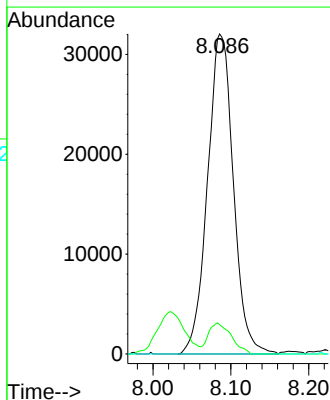
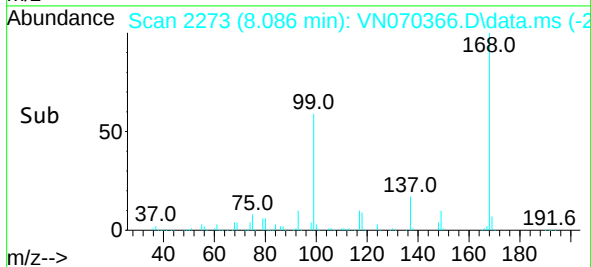
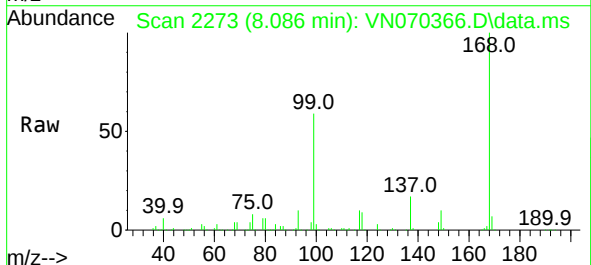


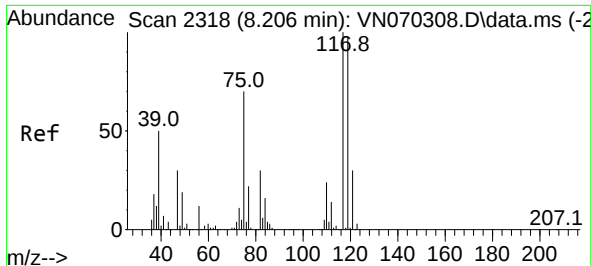
Tgt Ion:113 Resp: 468933
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.910 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.134 min
Lab File: VN070366.D
Acq: 29 Dec 2021 23:56

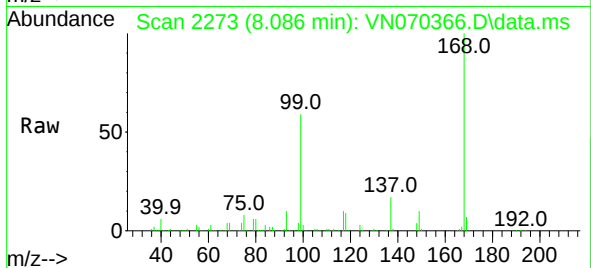
Tgt Ion: 75 Resp: 73869
Ion Ratio Lower Upper
75 100
110 8.6 18.4 55.2#
77 0.0 24.4 36.6#



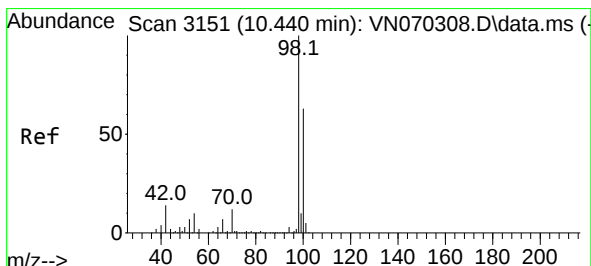
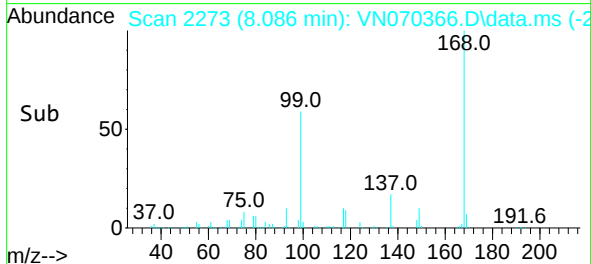
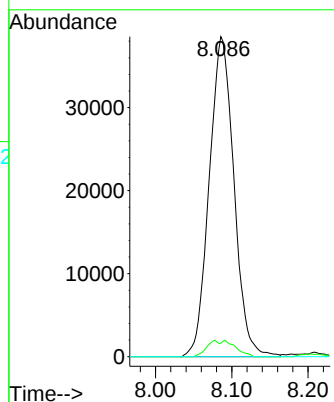


#38
Carbon Tetrachloride
Concen: 6.034 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.120 min
Lab File: VN070366.D
Acq: 29 Dec 2021 23:56

Instrument :
MSVOA_N
ClientSampleId :

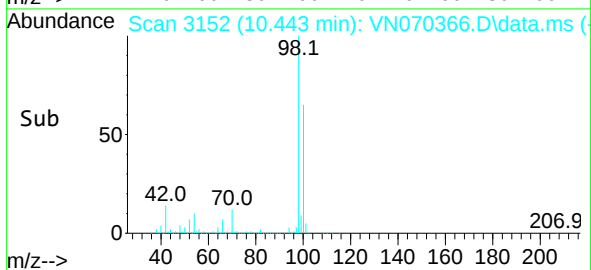
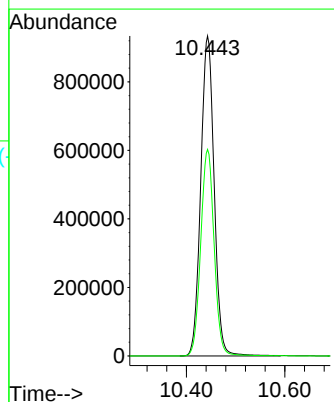
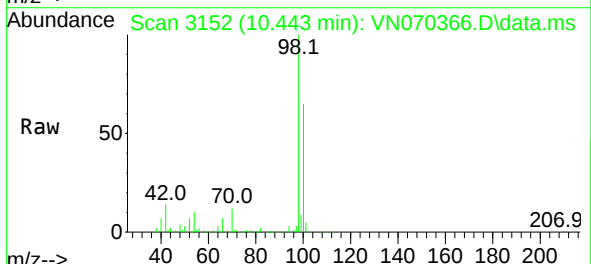


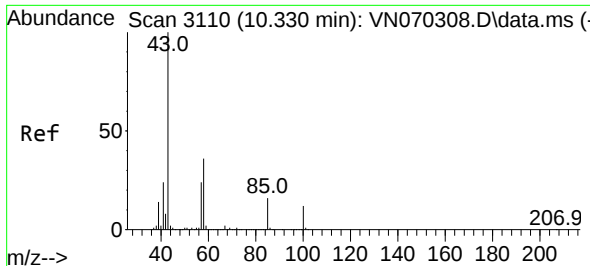
Tgt Ion:117 Resp: 86675
Ion Ratio Lower Upper
117 100
119 4.2 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.543 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070366.D
Acq: 29 Dec 2021 23:56

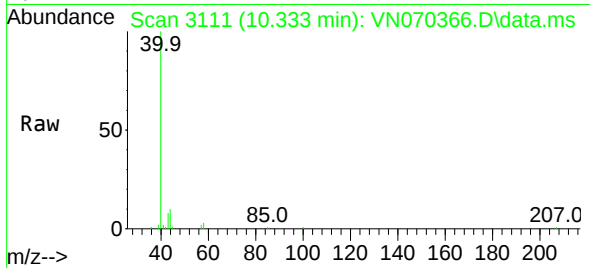
Tgt Ion: 98 Resp: 1766162
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6



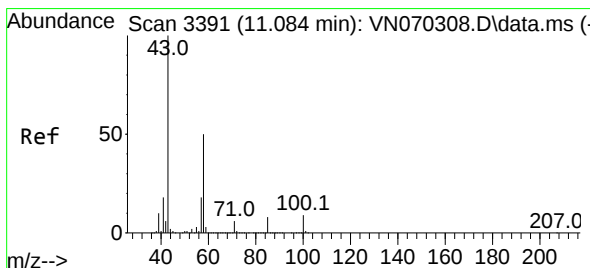
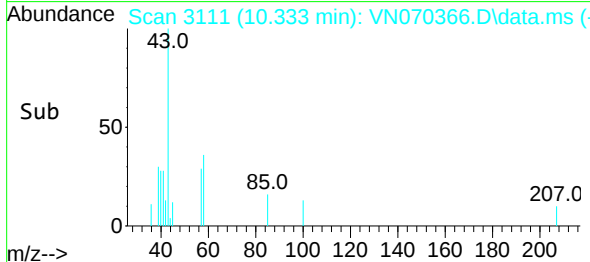
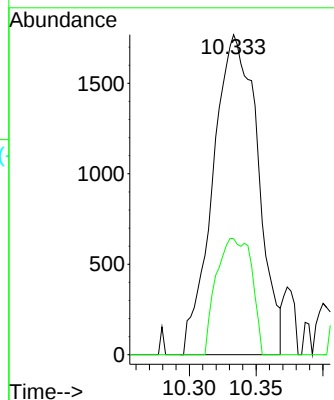


#51
4-Methyl-2-Pentanone
Concen: 0.214 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN070366.D
Acq: 29 Dec 2021 23:56

Instrument :
MSVOA_N
ClientSampleId :

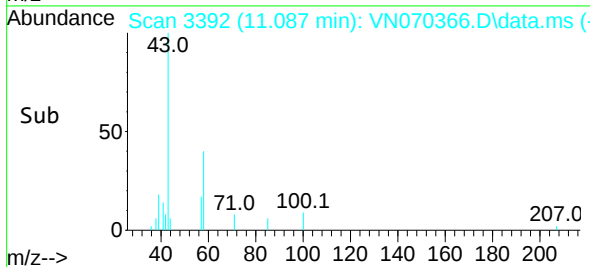
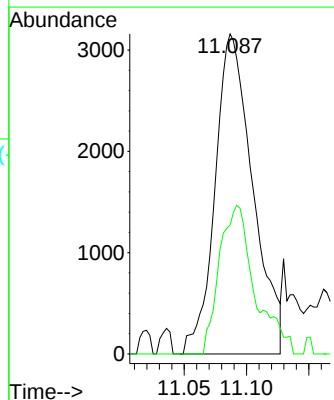
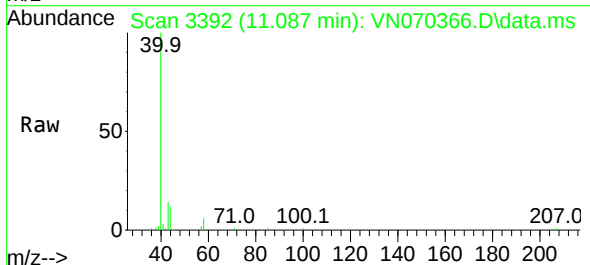


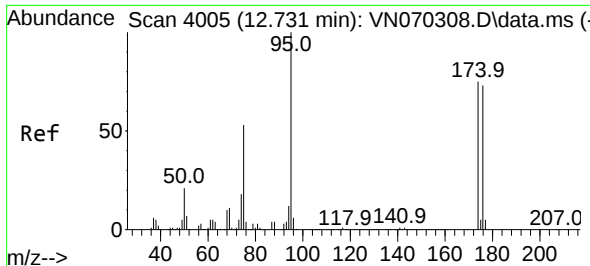
Tgt Ion: 43 Resp: 4140
Ion Ratio Lower Upper
43 100
58 28.4 30.4 45.6#



#59
2-Hexanone
Concen: 0.472 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.003 min
Lab File: VN070366.D
Acq: 29 Dec 2021 23:56

Tgt Ion: 43 Resp: 6647
Ion Ratio Lower Upper
43 100
58 43.6 26.9 80.7

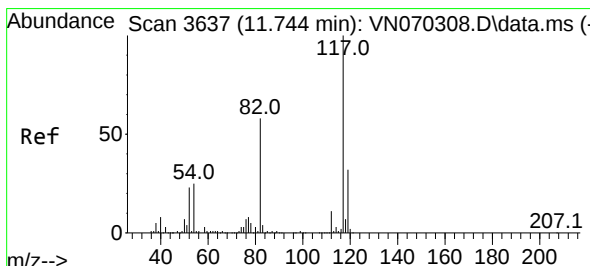
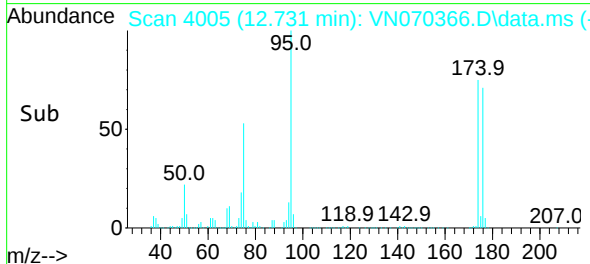
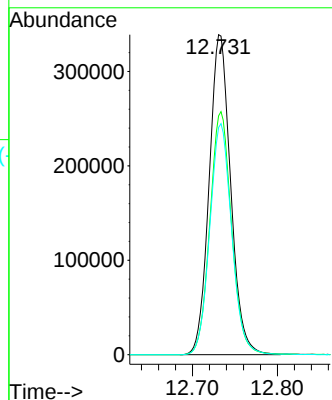
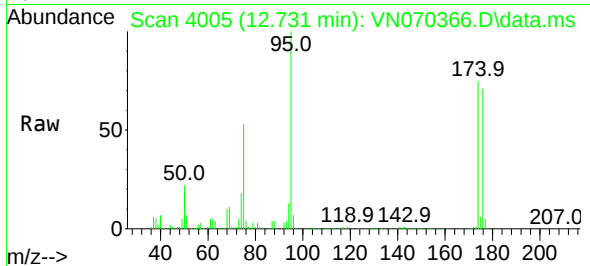




#62
4-Bromofluorobenzene
Concen: 44.349 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070366.D
Acq: 29 Dec 2021 23:56

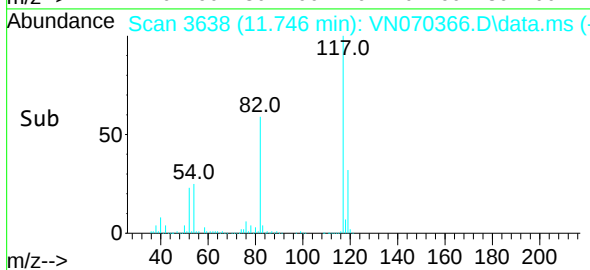
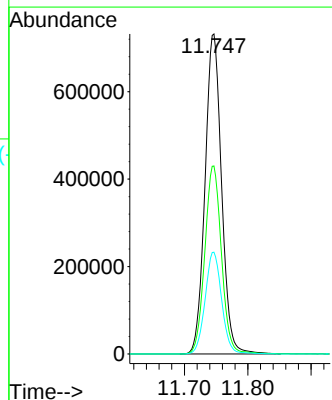
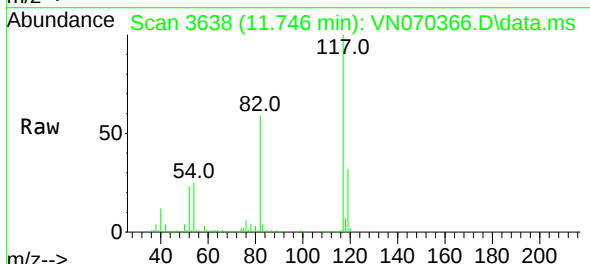
Instrument :
MSVOA_N
ClientSampleId :

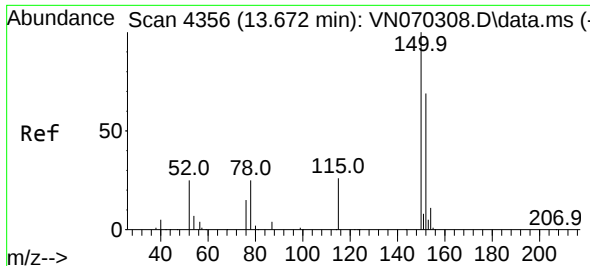
Tgt Ion: 95 Resp: 595050
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 73.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.002 min
Lab File: VN070366.D
Acq: 29 Dec 2021 23:56

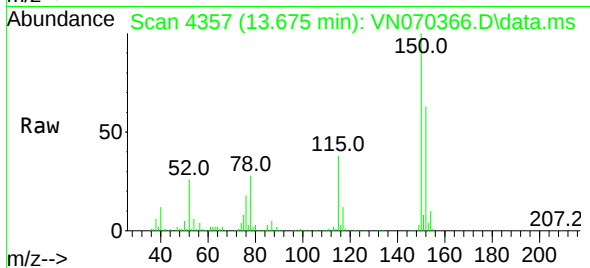
Tgt Ion: 117 Resp: 1327948
Ion Ratio Lower Upper
117 100
82 58.8 42.4 63.6
119 31.8 25.4 38.2



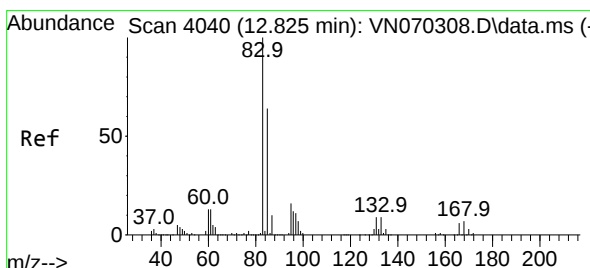
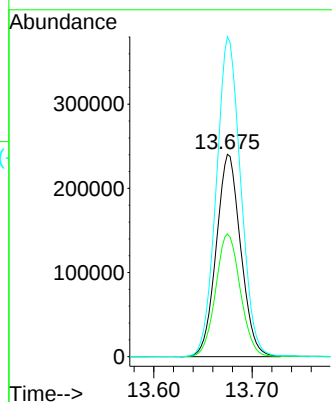
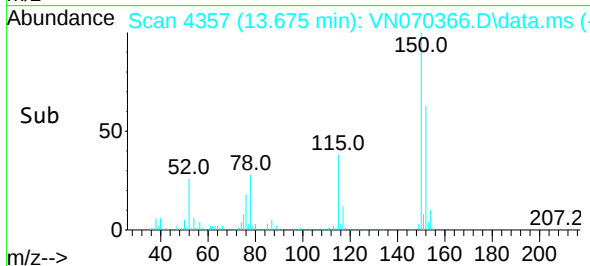


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070366.D
 Acq: 29 Dec 2021 23:56

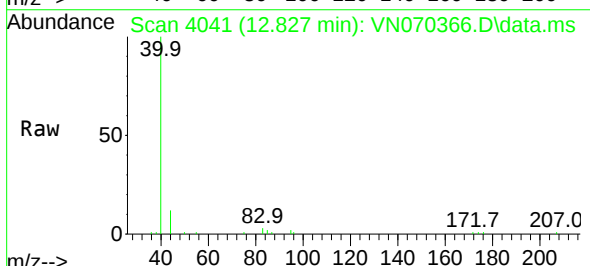
Instrument :
 MSVOA_N
 ClientSampleId :



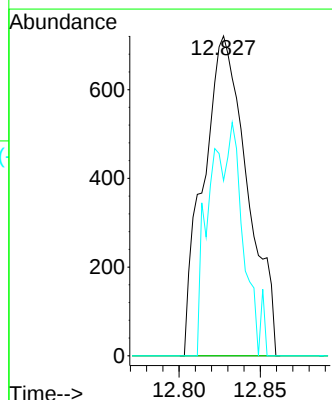
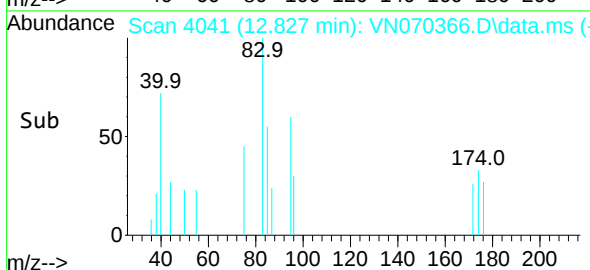
Tgt Ion:152 Resp: 416295
 Ion Ratio Lower Upper
 152 100
 115 61.3 27.5 82.5
 150 157.3 0.0 344.4

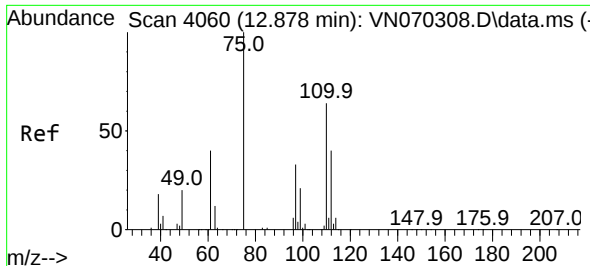


#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.543 ug/l
 RT: 12.827 min Scan# 4041
 Delta R.T. 0.002 min
 Lab File: VN070366.D
 Acq: 29 Dec 2021 23:56



Tgt Ion: 83 Resp: 1358
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 27.5 32.4 97.2#

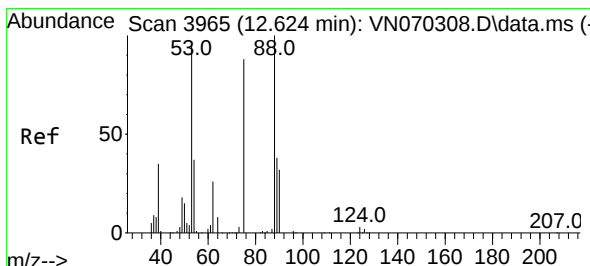
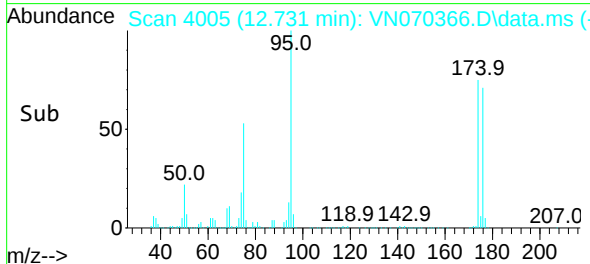
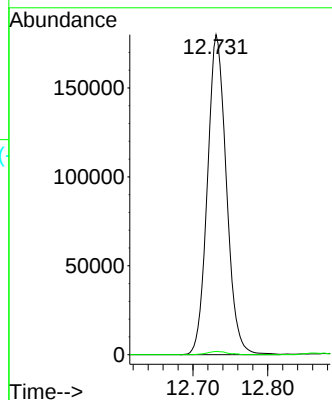
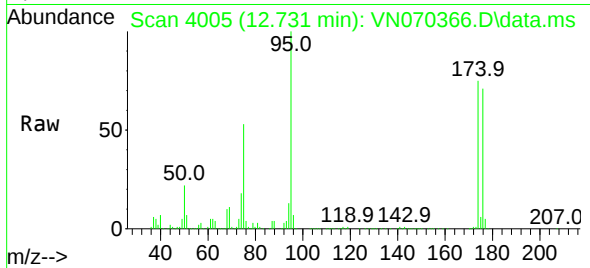




#76
1,2,3-Trichloropropane
Concen: 27.075 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070366.D
Acq: 29 Dec 2021 23:56

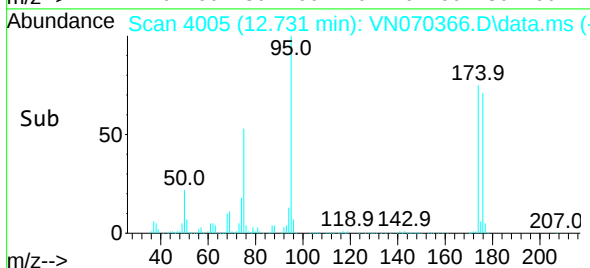
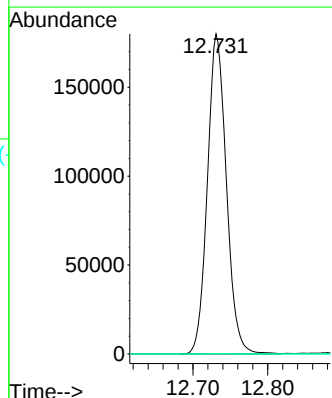
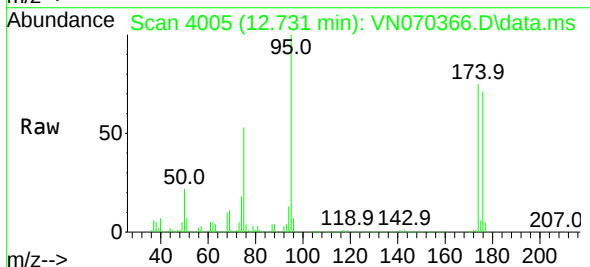
Instrument :
MSVOA_N
ClientSampleId :

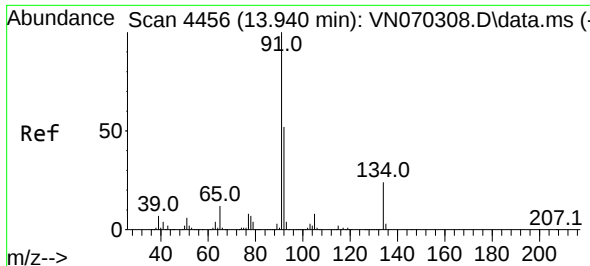
Tgt Ion: 75 Resp: 317341
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.135 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070366.D
Acq: 29 Dec 2021 23:56

Tgt Ion: 75 Resp: 317341
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

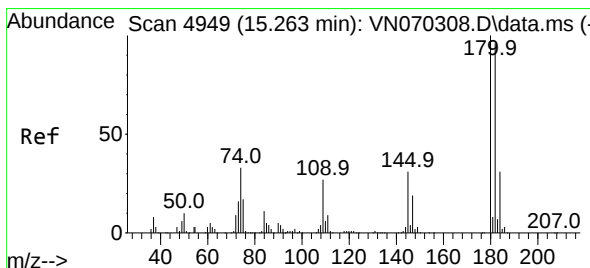
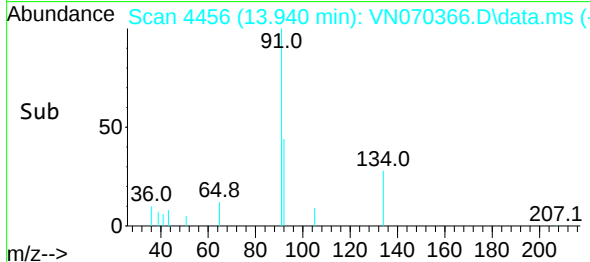
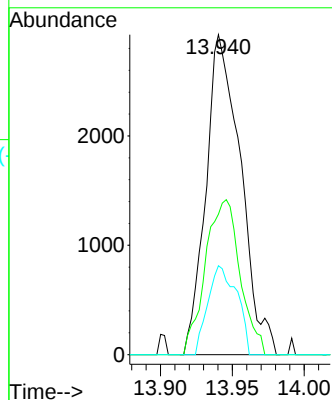
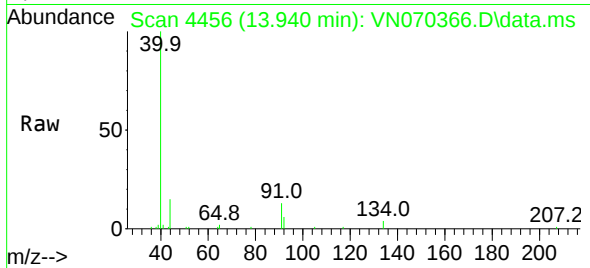




#89
n-Butylbenzene
Concen: 0.202 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070366.D
Acq: 29 Dec 2021 23:56

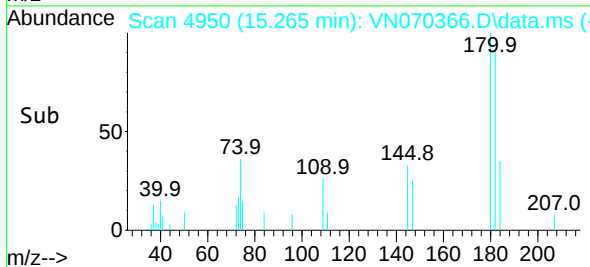
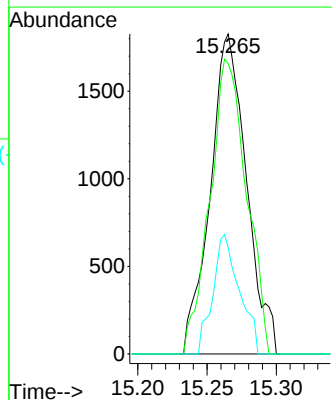
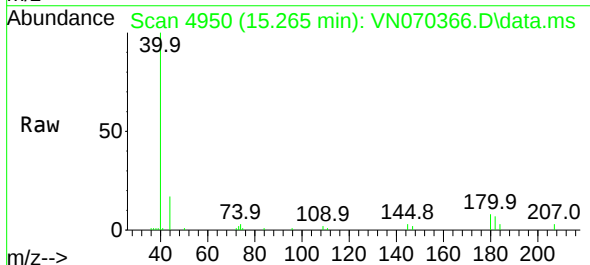
Instrument :
MSVOA_N
ClientSampleId :

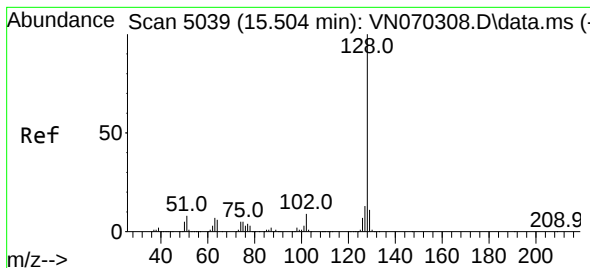
Tgt Ion: 91	Resp:	4909
Ion Ratio	Lower	Upper
91	100	
92	48.4	25.4 76.0
134	23.1	13.6 40.8



#93
1,2,4-Trichlorobenzene
Concen: 0.485 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.002 min
Lab File: VN070366.D
Acq: 29 Dec 2021 23:56

Tgt Ion: 180	Resp:	3328
Ion Ratio	Lower	Upper
180	100	
182	92.8	48.3 144.9
145	27.3	14.5 43.5





#95

Naphthalene

Concen: 2.483 ug/l

RT: 15.507 min Scan# 5039

Delta R.T. 0.003 min

Lab File: VN070366.D

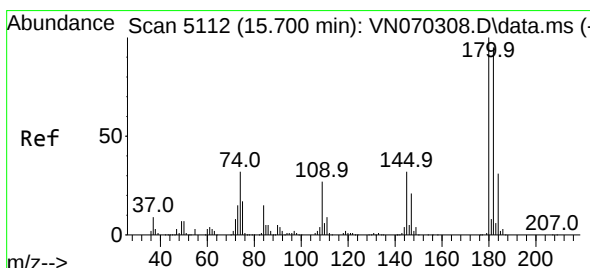
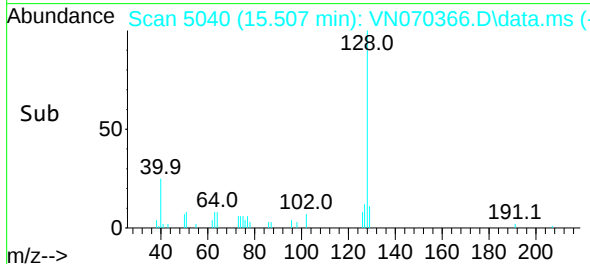
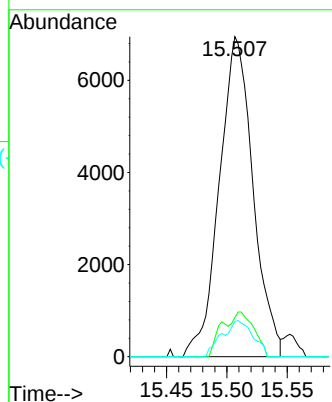
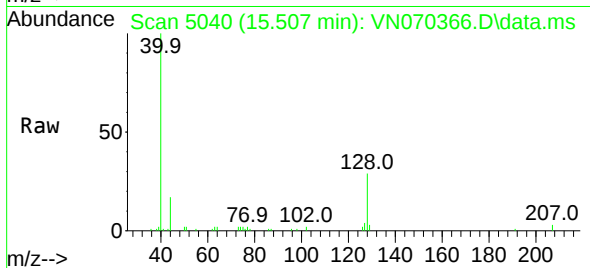
Acq: 29 Dec 2021 23:56

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	13504
Ion Ratio	Lower	Upper
128	100	
127	9.0	10.5 15.7#
129	10.3	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.356 ug/l

RT: 15.705 min Scan# 5114

Delta R.T. 0.005 min

Lab File: VN070366.D

Acq: 29 Dec 2021 23:56

Tgt Ion:180	Resp:	3537
Ion Ratio	Lower	Upper
180	100	
182	100.2	47.4 142.2
145	34.8	15.0 45.1

