

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110121\
 Data File : VN069325.D
 Acq On : 1 Nov 2021 17:24
 Operator : JC/MD
 Sample : M4336-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

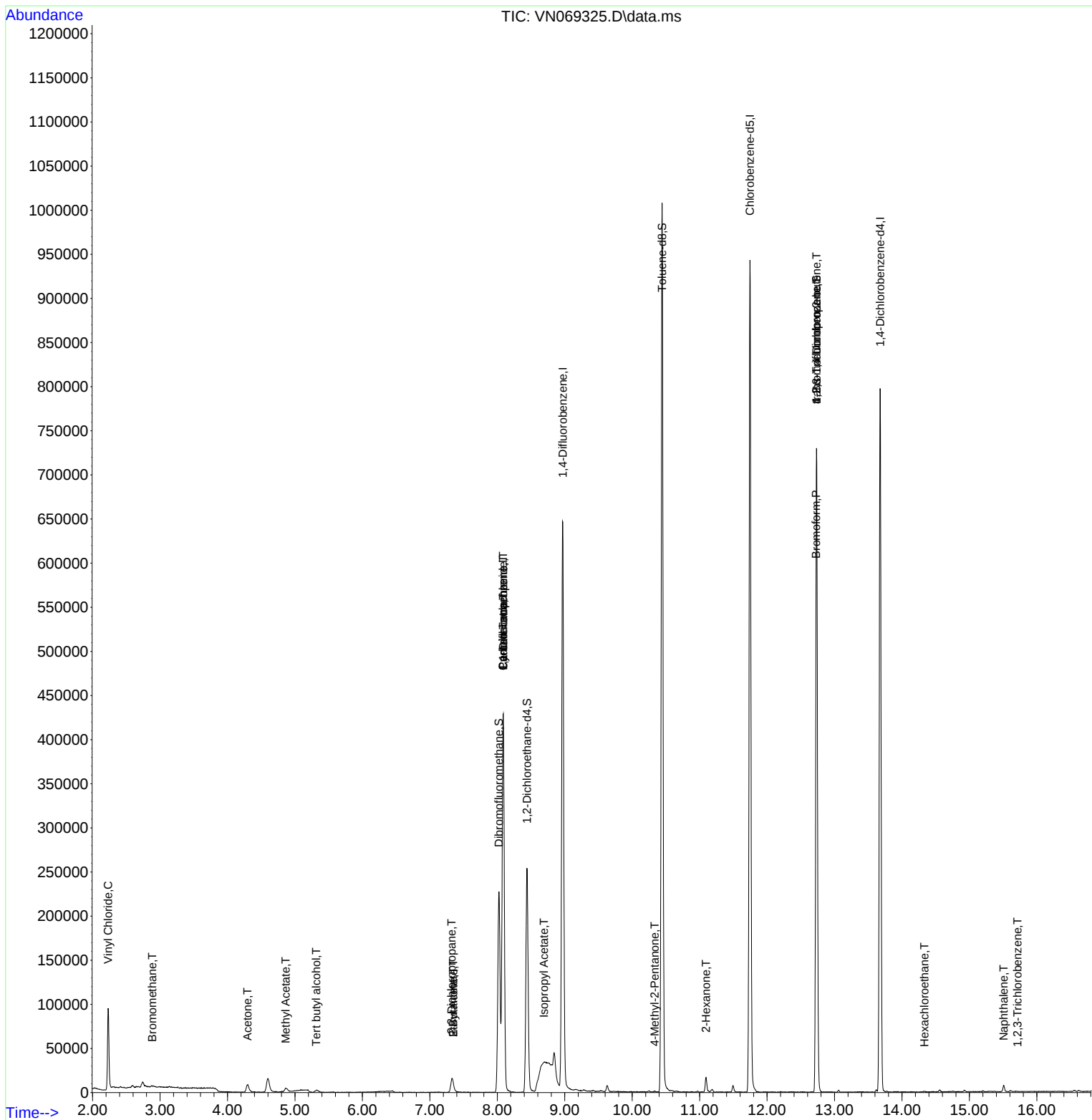
Instrument :
 MSVOA_N
 ClientSampleId :

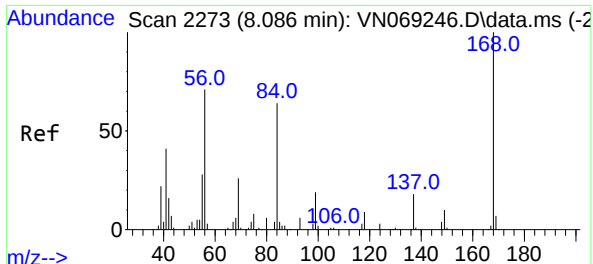
Quant Time: Nov 01 17:43:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	321596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	571299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	558862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	216883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	217985	46.956	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	93.920%	
35) Dibromofluoromethane	8.024	113	167643	47.074	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	94.140%	
50) Toluene-d8	10.443	98	714967	50.212	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	100.420%	
62) 4-Bromofluorobenzene	12.733	95	260926	48.561	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	97.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	690	Below Cal		95
4) Vinyl Chloride	2.231	62	1168	0.977 ug/l	#	1
5) Bromomethane	2.883	94	961	0.355 ug/l		88
11) Tert butyl alcohol	5.315	59	1060	14.519 ug/l	#	72
16) Acetone	4.296	43	16361	8.272 ug/l		95
18) Methyl Acetate	4.862	43	9110	1.355 ug/l	#	75
25) 2-Butanone	7.345	43	2383	2.415 ug/l	#	87
26) 2,2-Dichloropropane	7.324	77	1044	1.009 ug/l	#	53
31) Cyclohexane	8.086	56	7744	1.246 ug/l	#	15
36) 1,1-Dichloropropene	8.086	75	26528	5.386 ug/l	#	49
37) Ethyl Acetate	7.345	43	2383	0.425 ug/l	#	68
38) Carbon Tetrachloride	8.086	117	34044	6.964 ug/l	#	16
43) Isopropyl Acetate	8.692	43	61961	6.731 ug/l	#	56
51) 4-Methyl-2-Pentanone	10.336	43	948	6.547 ug/l	#	36
59) 2-Hexanone	11.095	43	3192	8.634 ug/l	#	46
71) Bromoform	12.725	173	203	2.928 ug/l	#	1
76) 1,2,3-Trichloropropane	12.733	75	140408	24.615 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.733	75	140408	70.566 ug/l	#	12
90) Hexachloroethane	14.335	117	876	2.323 ug/l	#	12
95) Naphthalene	15.507	128	7101	3.920 ug/l		97
96) 1,2,3-Trichlorobenzene	15.713	180	25	2.214 ug/l	#	1

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

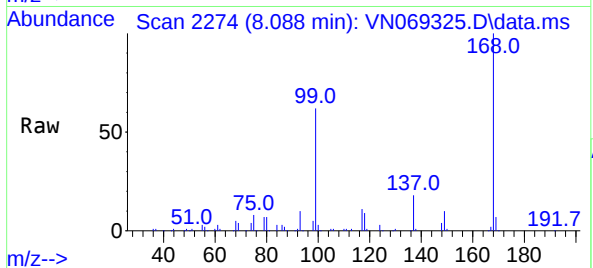
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 28 16:09:15 2021
Response via : Initial Calibration



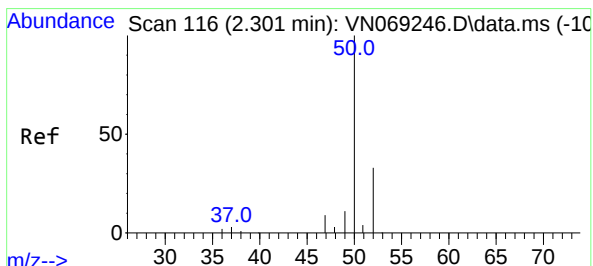
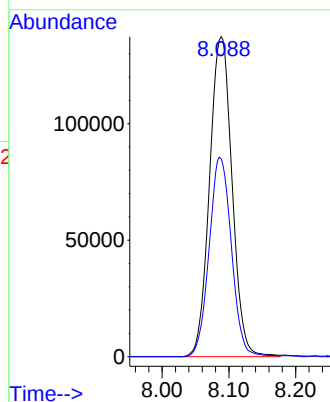
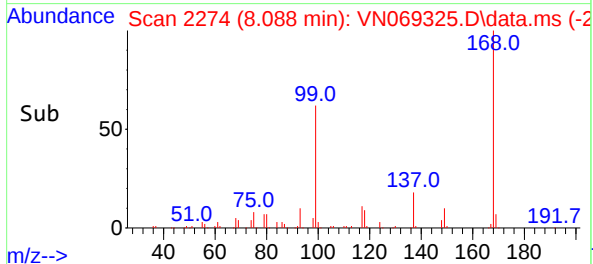


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069325.D
Acq: 1 Nov 2021 17:24

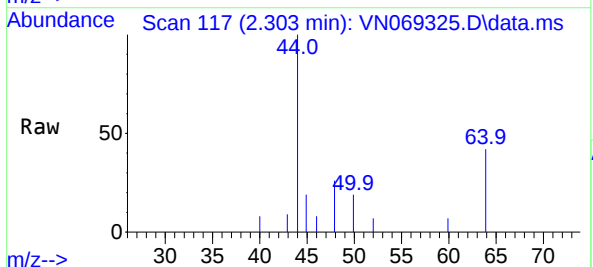
Instrument :
MSVOA_N
ClientSampleId :



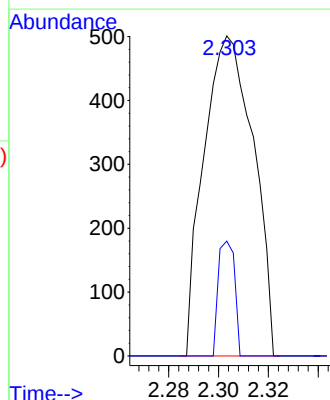
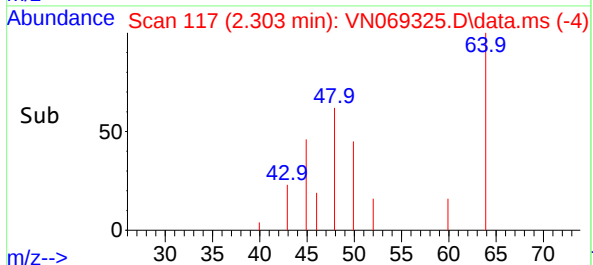
Tgt Ion:168 Resp: 321596
Ion Ratio Lower Upper
168 100
99 61.8 48.9 73.3

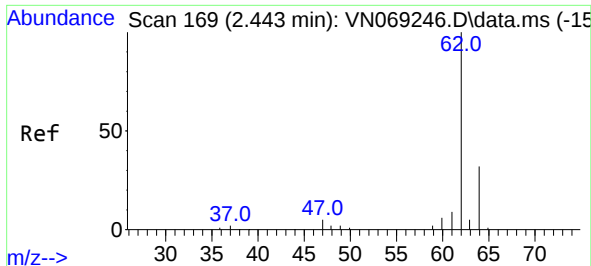


#3
Chloromethane
Concen: Below Cal
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN069325.D
Acq: 1 Nov 2021 17:24



Tgt Ion: 50 Resp: 690
Ion Ratio Lower Upper
50 100
52 35.9 26.3 39.5

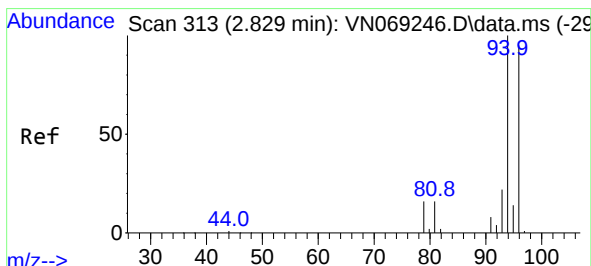
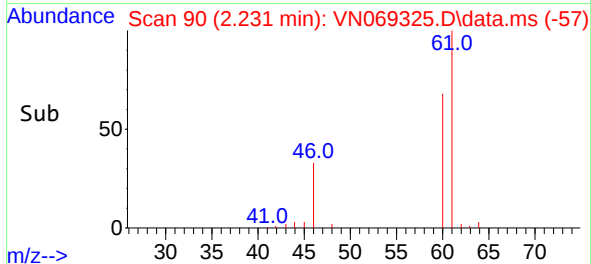
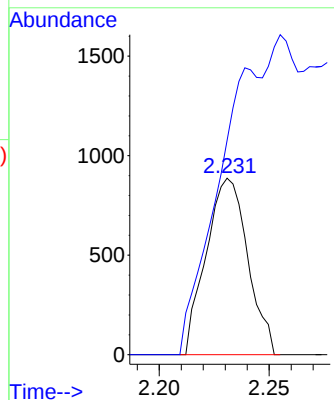
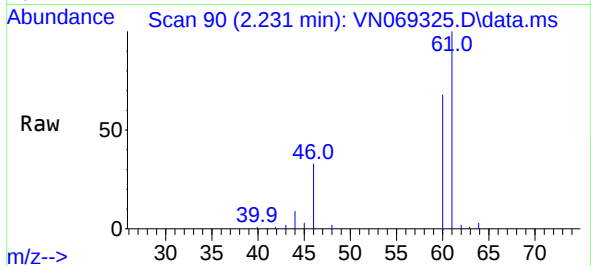




#4
 Vinyl Chloride
 Concen: 0.977 ug/l
 RT: 2.231 min Scan# 90
 Delta R.T. -0.212 min
 Lab File: VN069325.D
 Acq: 1 Nov 2021 17:24

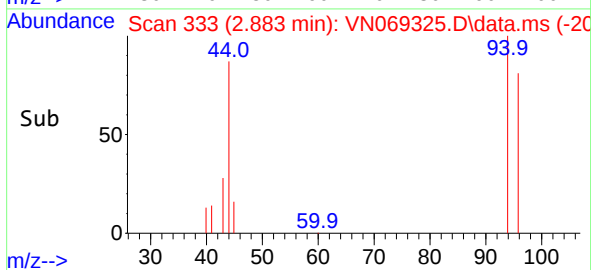
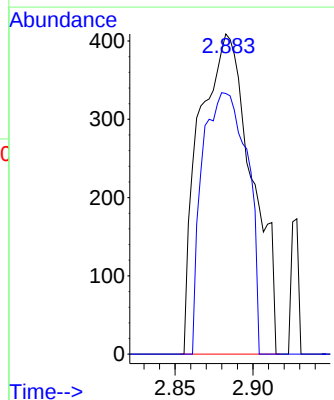
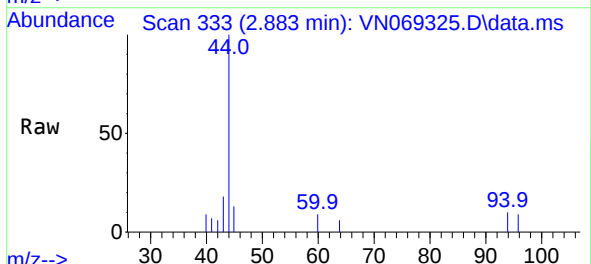
Instrument :
 MSVOA_N
 ClientSampleId :

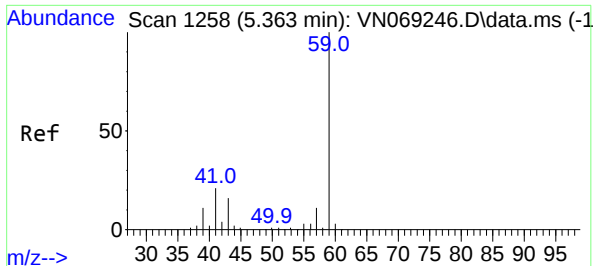
Tgt Ion: 62 Resp: 1168
 Ion Ratio Lower Upper
 62 100
 64 121.4 25.7 38.5#



#5
 Bromomethane
 Concen: 0.355 ug/l
 RT: 2.883 min Scan# 333
 Delta R.T. 0.054 min
 Lab File: VN069325.D
 Acq: 1 Nov 2021 17:24

Tgt Ion: 94 Resp: 961
 Ion Ratio Lower Upper
 94 100
 96 81.4 74.2 111.4

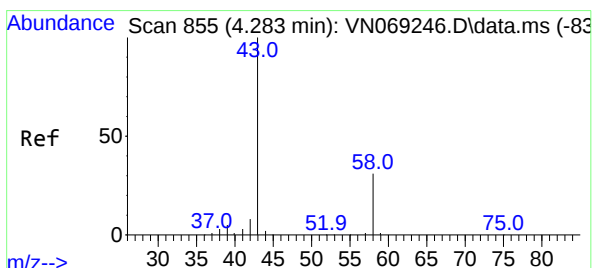
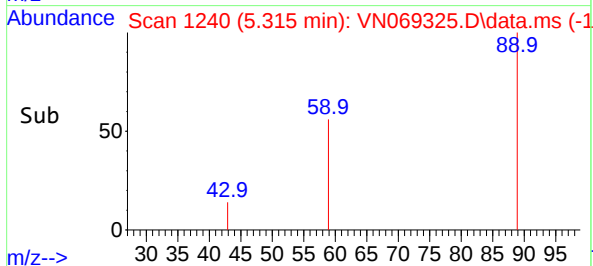
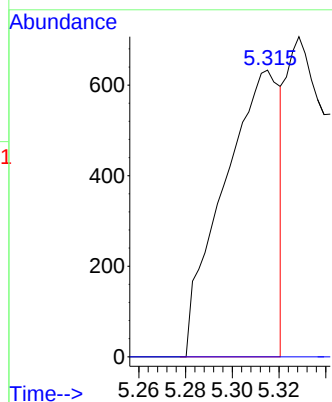
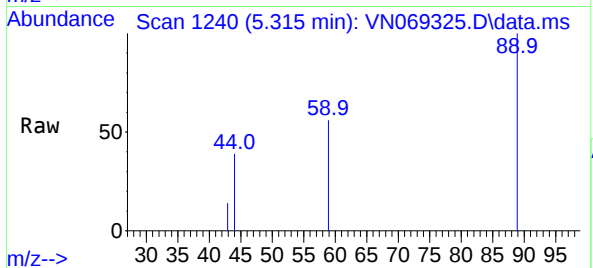




#11
Tert butyl alcohol
Concen: 14.519 ug/l
RT: 5.315 min Scan# 11
Delta R.T. -0.048 min
Lab File: VN069325.D
Acq: 1 Nov 2021 17:24

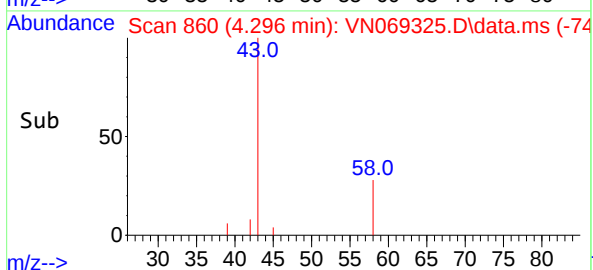
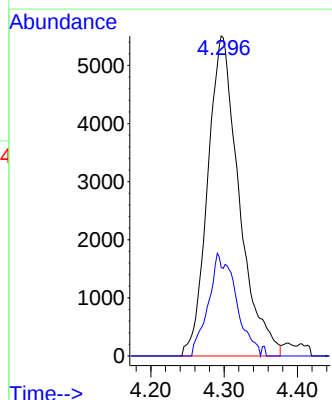
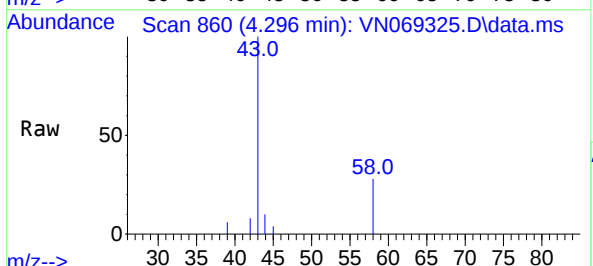
Instrument :
MSVOA_N
ClientSampleId :

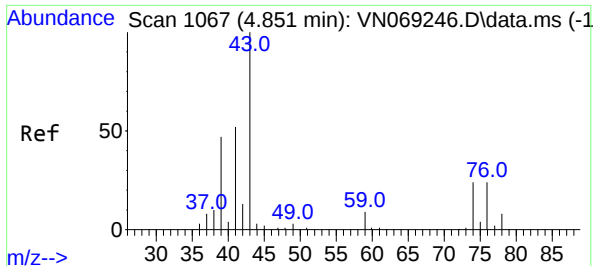
Tgt Ion: 59 Resp: 1060
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 8.272 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.013 min
Lab File: VN069325.D
Acq: 1 Nov 2021 17:24

Tgt Ion: 43 Resp: 16361
Ion Ratio Lower Upper
43 100
58 27.7 24.5 36.7

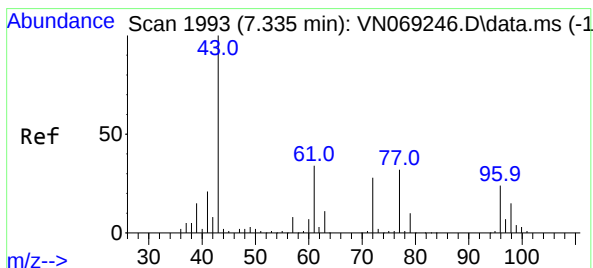
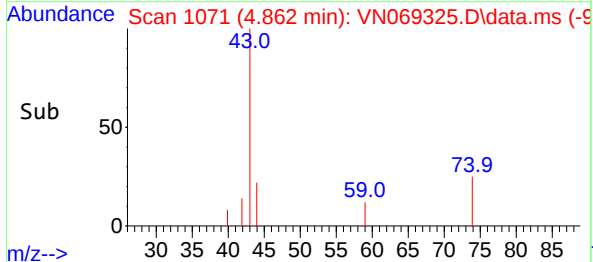
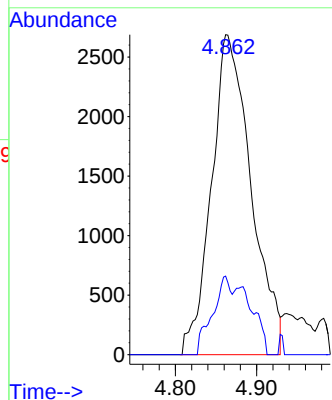
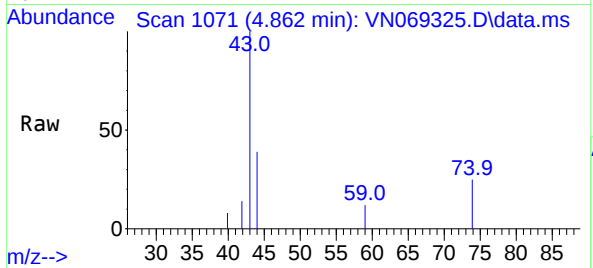




#18
Methyl Acetate
Concen: 1.355 ug/l
RT: 4.862 min Scan# 1067
Delta R.T. 0.011 min
Lab File: VN069325.D
Acq: 1 Nov 2021 17:24

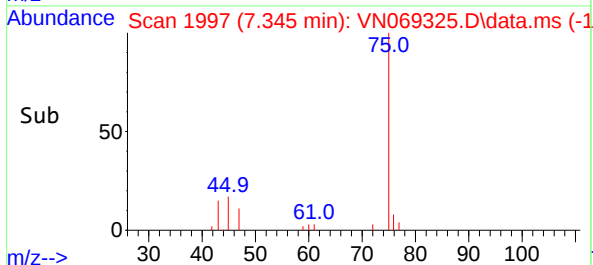
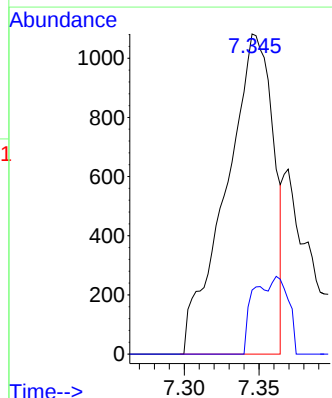
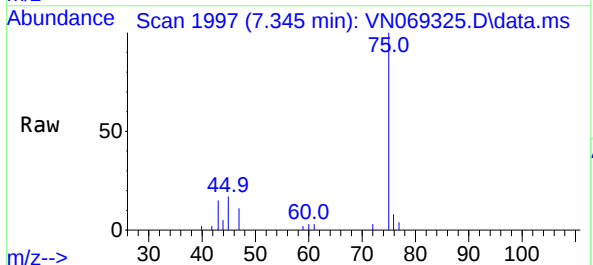
Instrument :
MSVOA_N
ClientSampleId :

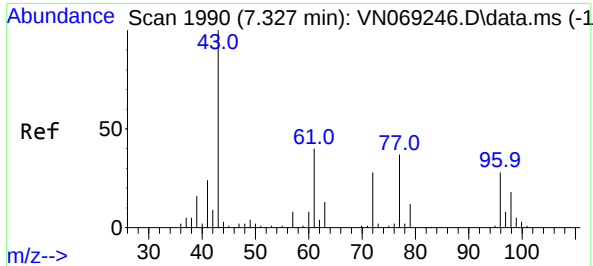
Tgt Ion: 43 Resp: 9110
Ion Ratio Lower Upper
43 100
74 11.6 18.9 28.3#



#25
2-Butanone
Concen: 2.415 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.010 min
Lab File: VN069325.D
Acq: 1 Nov 2021 17:24

Tgt Ion: 43 Resp: 2383
Ion Ratio Lower Upper
43 100
72 20.0 21.2 31.8#

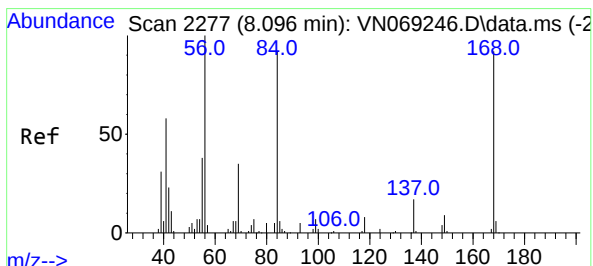
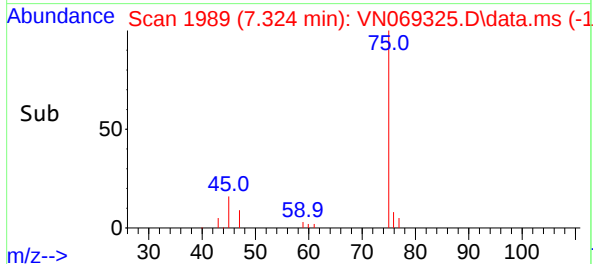
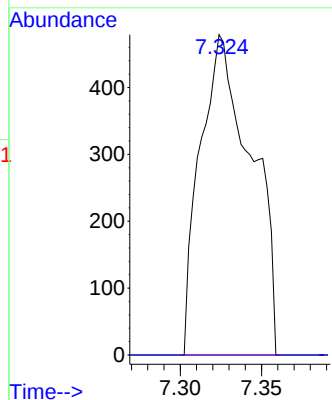
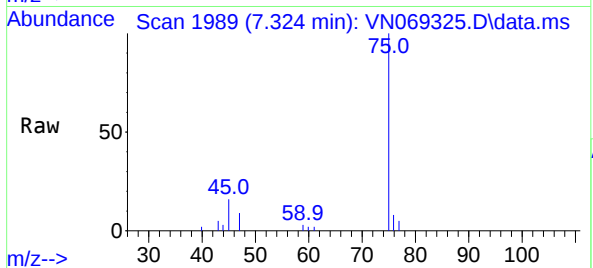




#26
2,2-Dichloropropane
Concen: 1.009 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN069325.D
Acq: 1 Nov 2021 17:24

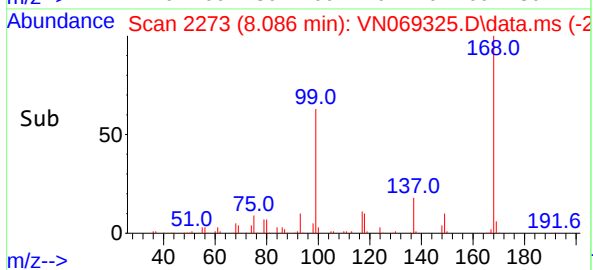
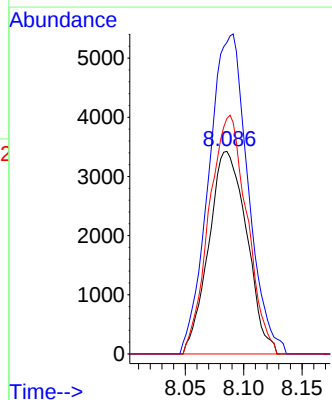
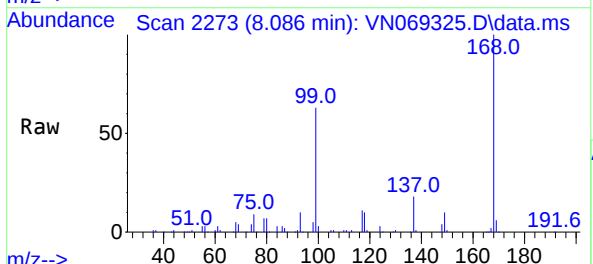
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MSVOA_N
ClientSampleId :

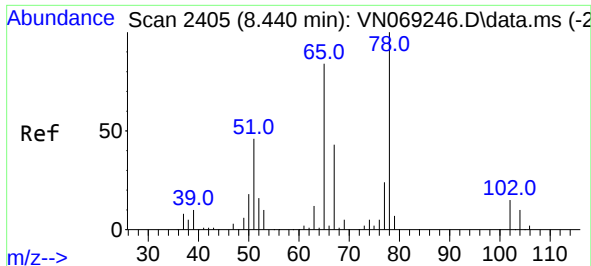
Tgt Ion: 77 Resp: 1044
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#



#31
Cyclohexane
Concen: 1.246 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN069325.D
Acq: 1 Nov 2021 17:24

Tgt Ion: 56 Resp: 7744
Ion Ratio Lower Upper
56 100
69 153.8 26.9 40.3#
84 116.3 67.6 101.4#





#33

1,2-Dichloroethane-d4

Concen: 46.956 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069325.D

Acq: 1 Nov 2021 17:24

Instrument :

MSVOA_N

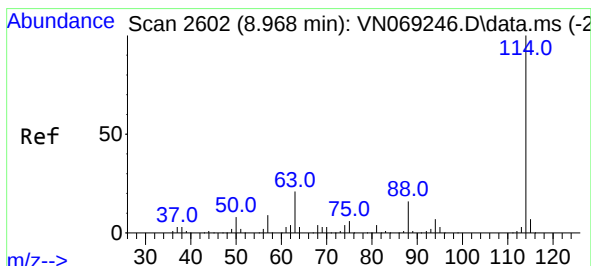
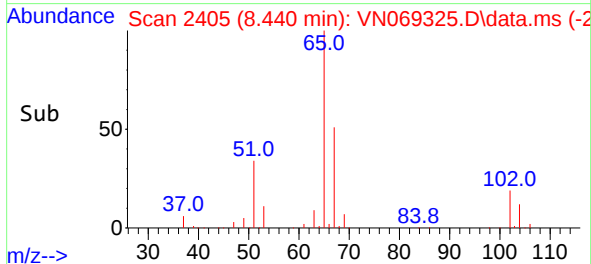
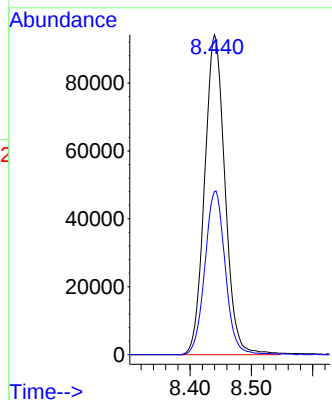
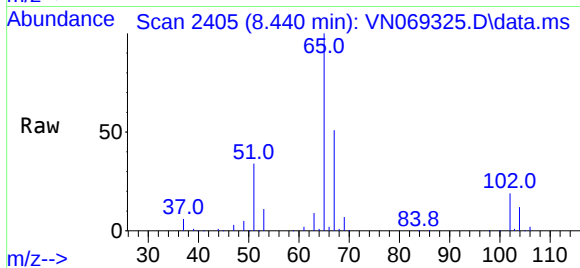
ClientSampleId :

Tgt Ion: 65 Resp: 217985

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN069325.D

Acq: 1 Nov 2021 17:24

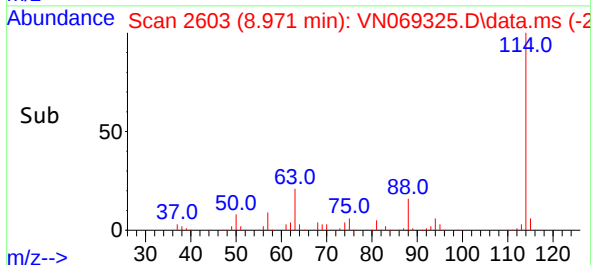
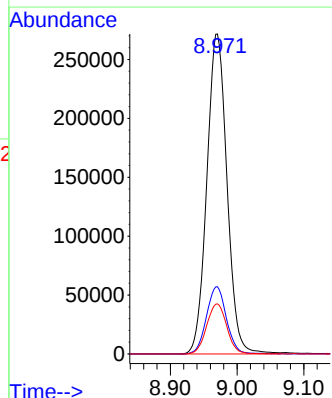
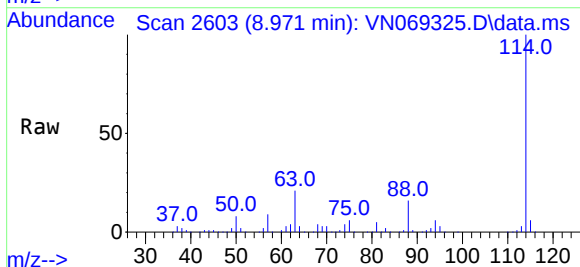
Tgt Ion: 114 Resp: 571299

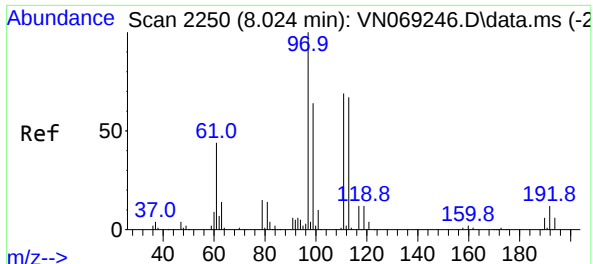
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

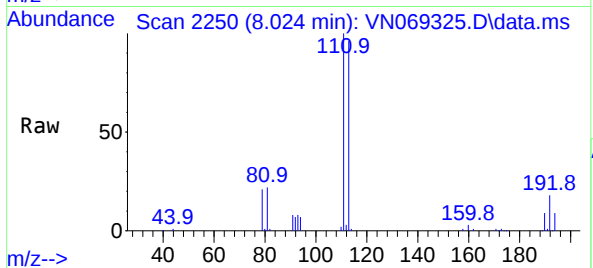
88 15.7 0.0 32.0



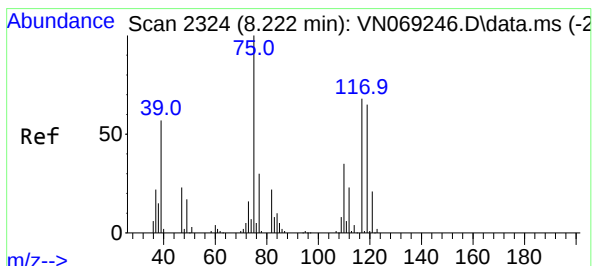
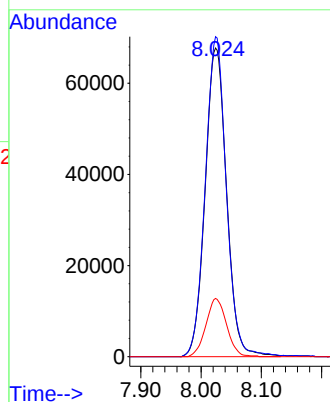
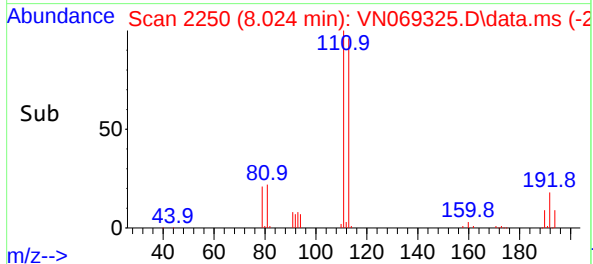


#35
Dibromofluoromethane
Concen: 47.074 ug/l
RT: 8.024 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN069325.D
Acq: 1 Nov 2021 17:24

Instrument :
MSVOA_N
ClientSampleId :

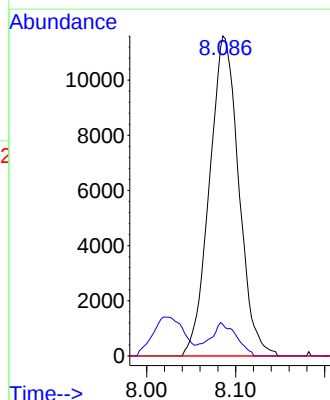
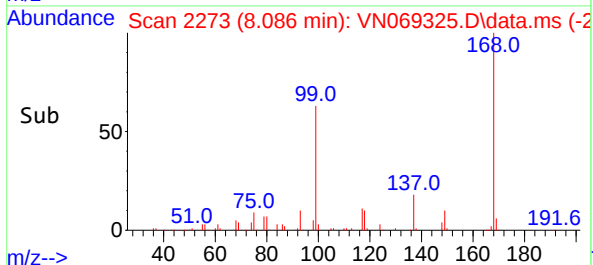
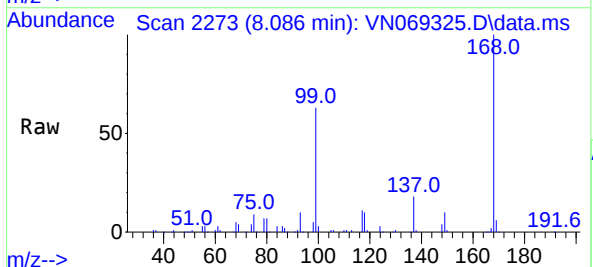


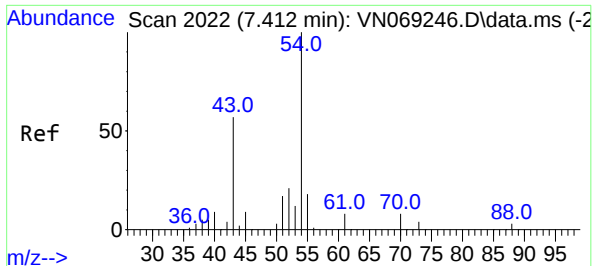
Tgt Ion:113 Resp: 167643
Ion Ratio Lower Upper
113 100
111 101.9 83.2 124.8
192 18.2 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.386 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN069325.D
Acq: 1 Nov 2021 17:24

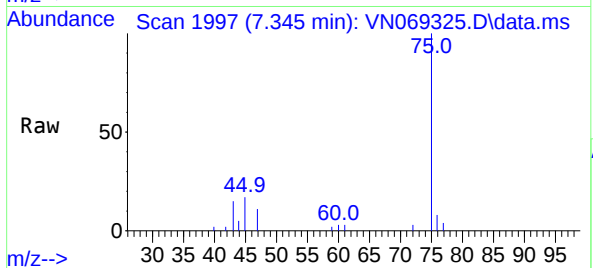
Tgt Ion: 75 Resp: 26528
Ion Ratio Lower Upper
75 100
110 8.9 17.9 53.8#
77 0.0 24.7 37.1#



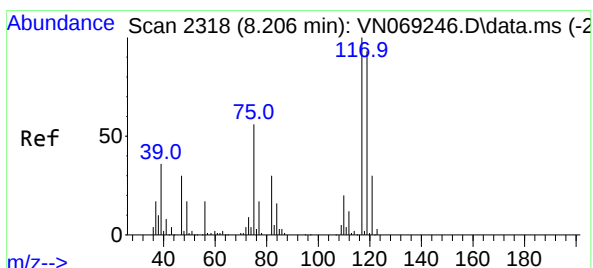
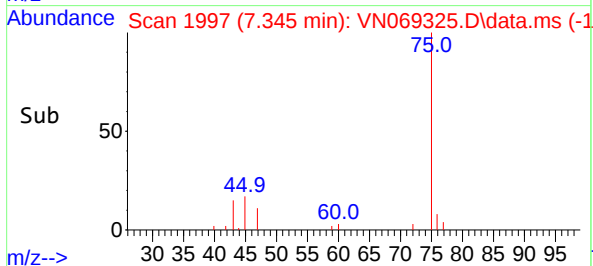
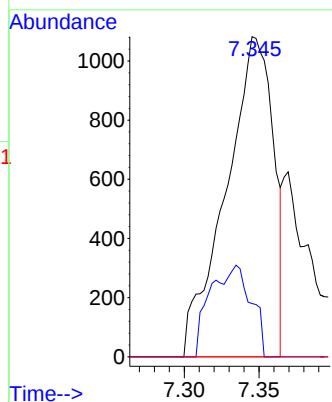


#37
Ethyl Acetate
Concen: 0.425 ug/l
RT: 7.345 min Scan# 11
Delta R.T. -0.067 min
Lab File: VN069325.D
Acq: 1 Nov 2021 17:24

Instrument :
MSVOA_N
ClientSampleId :

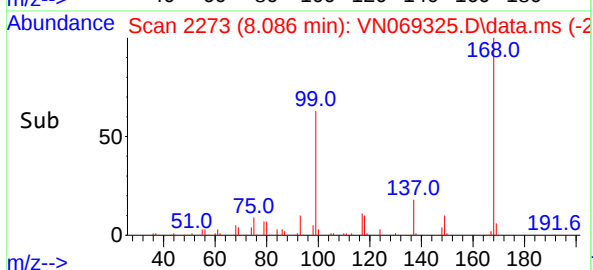
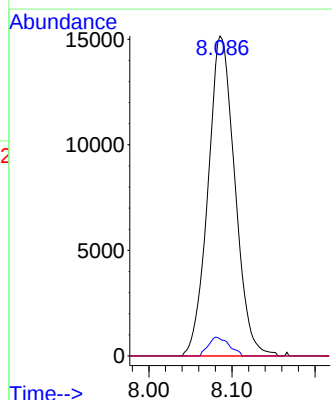
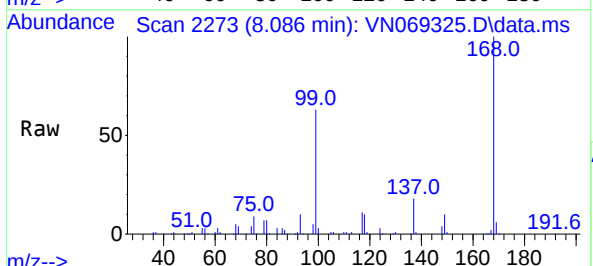


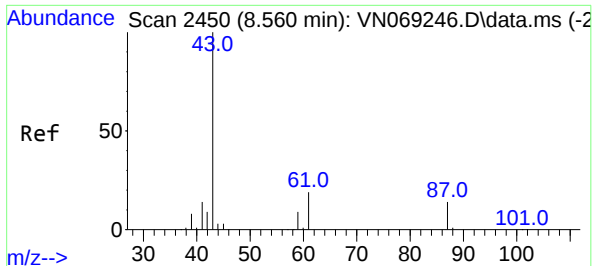
Tgt Ion: 43	Resp: 2383
Ion Ratio	Lower Upper
43 100	
61 0.0	11.2 16.8#
70 0.0	8.4 12.6#



#38
Carbon Tetrachloride
Concen: 6.964 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN069325.D
Acq: 1 Nov 2021 17:24

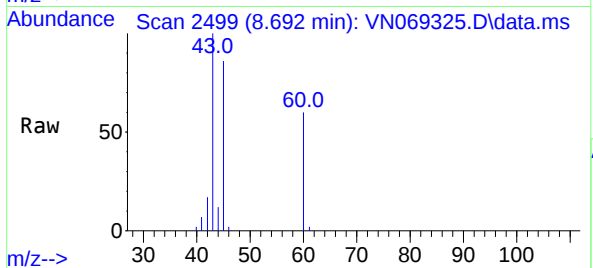
Tgt Ion:117	Resp:	34044	
Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.9	115.3#
121	0.0	24.6	37.0#



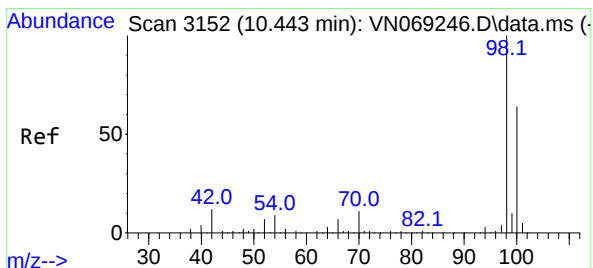
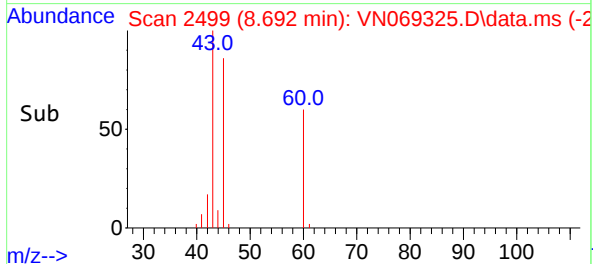
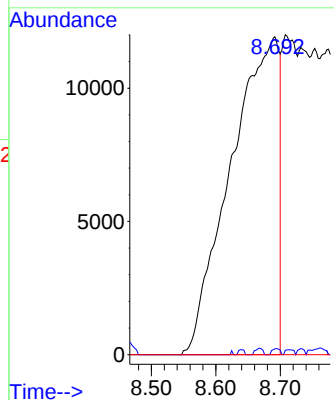


#43
Isopropyl Acetate
Concen: 6.731 ug/l
RT: 8.692 min Scan# 2450
Delta R.T. 0.132 min
Lab File: VN069325.D
Acq: 1 Nov 2021 17:24

Instrument :
MSVOA_N
ClientSampleId :

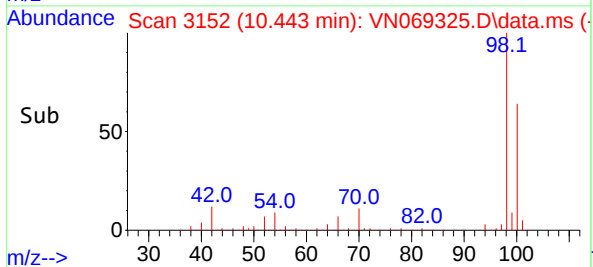
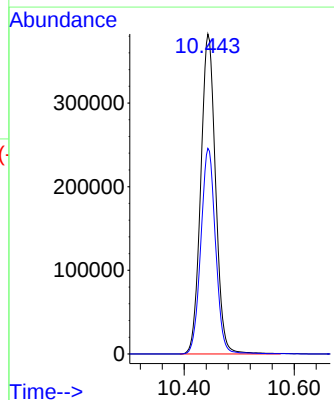
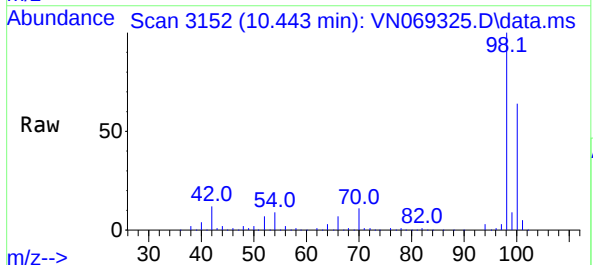


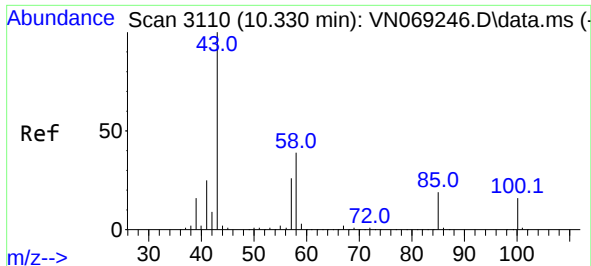
Tgt Ion: 43 Resp: 61961
Ion Ratio Lower Upper
43 100
61 0.3 20.4 30.6#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 50.212 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069325.D
Acq: 1 Nov 2021 17:24

Tgt Ion: 98 Resp: 714967
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 6.547 ug/l

RT: 10.336 min Scan# 3110

Delta R.T. 0.006 min

Lab File: VN069325.D

Acq: 1 Nov 2021 17:24

Instrument :

MSVOA_N

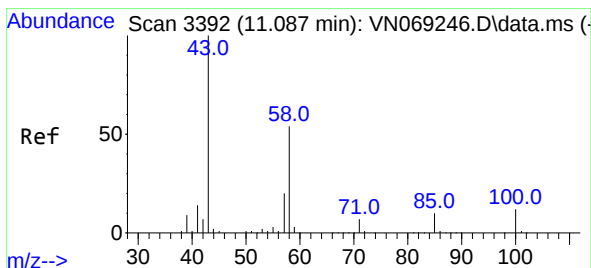
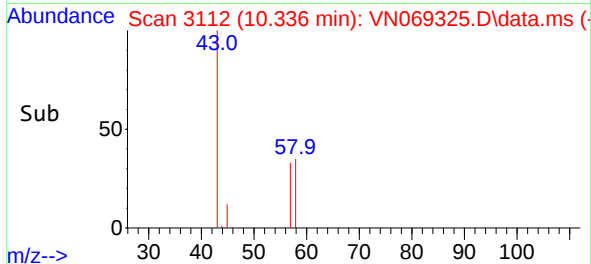
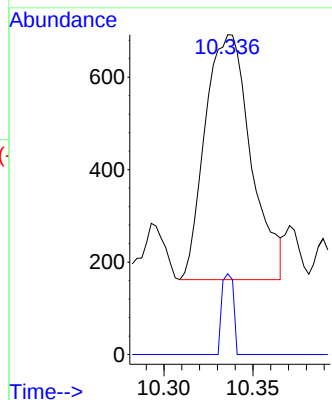
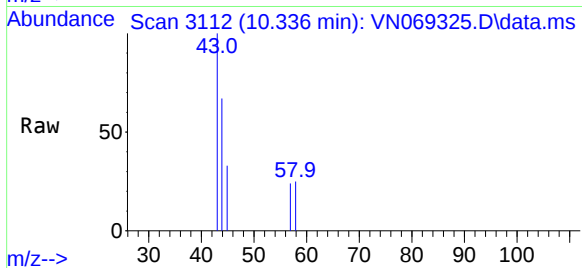
ClientSampleId :

Tgt Ion: 43 Resp: 948

Ion Ratio Lower Upper

43 100

58 0.0 31.0 46.4#



#59

2-Hexanone

Concen: 8.634 ug/l

RT: 11.095 min Scan# 3395

Delta R.T. 0.008 min

Lab File: VN069325.D

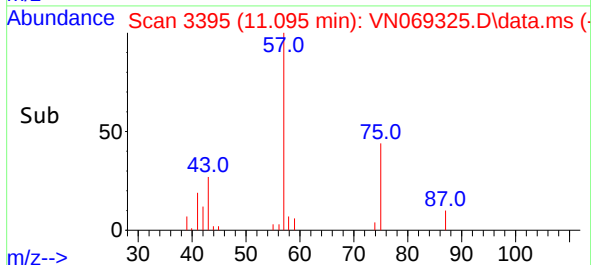
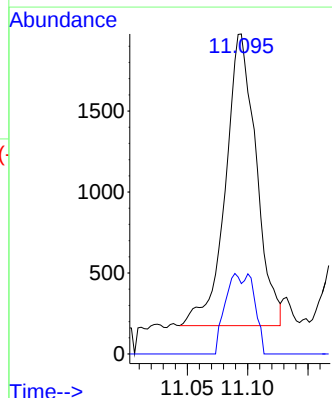
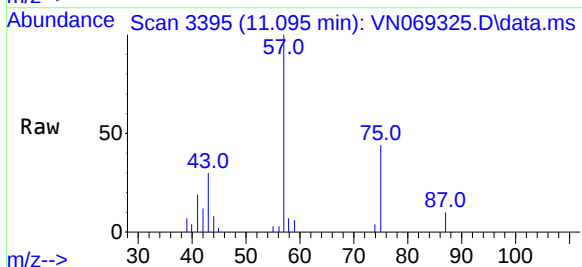
Acq: 1 Nov 2021 17:24

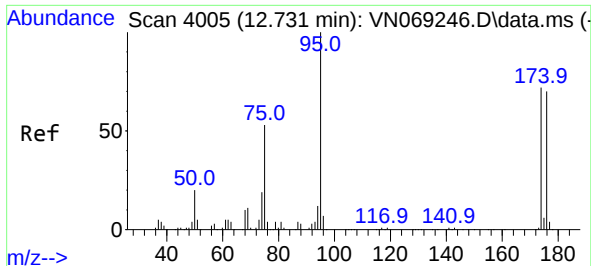
Tgt Ion: 43 Resp: 3192

Ion Ratio Lower Upper

43 100

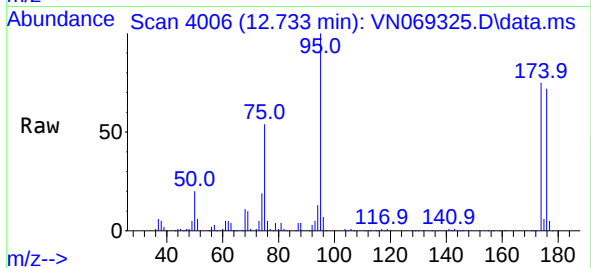
58 15.0 26.9 80.7#



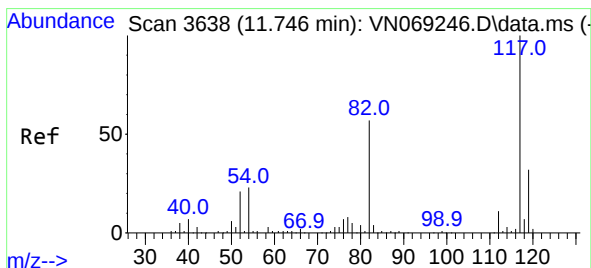
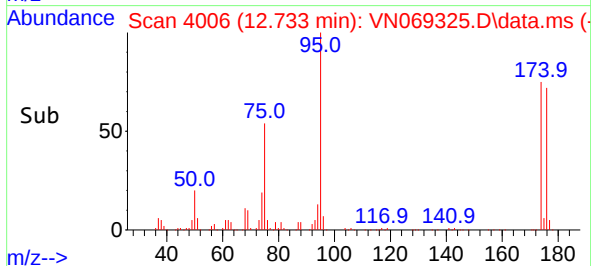
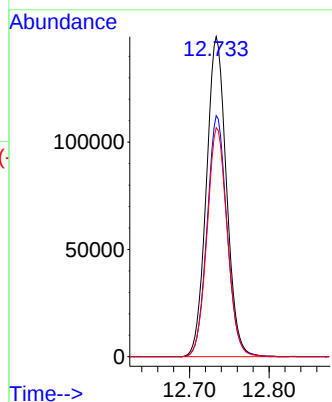


#62
4-Bromofluorobenzene
Concen: 48.561 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN069325.D
Acq: 1 Nov 2021 17:24

Instrument :
MSVOA_N
ClientSampleId :

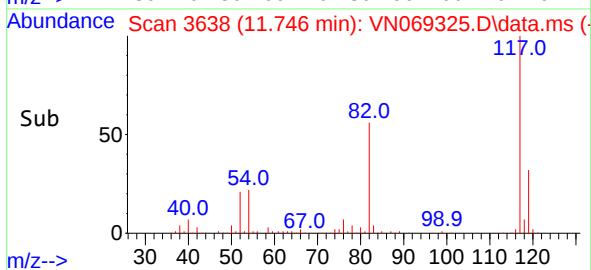
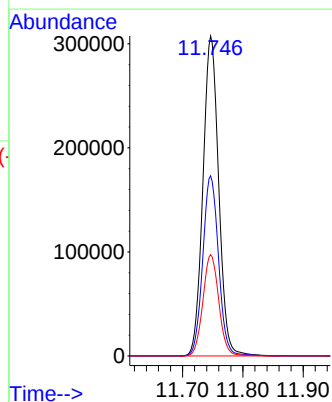
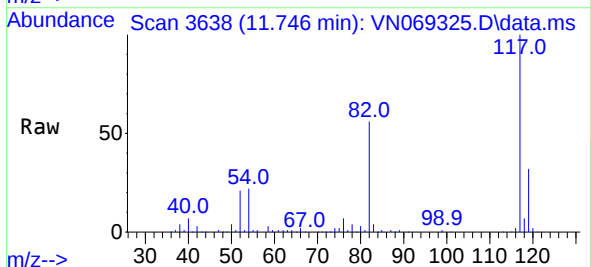


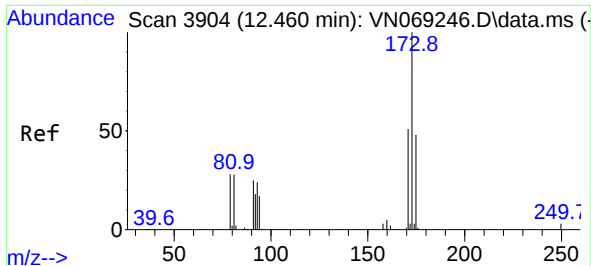
Tgt Ion: 95 Resp: 260926
Ion Ratio Lower Upper
95 100
174 75.0 0.0 144.8
176 72.0 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069325.D
Acq: 1 Nov 2021 17:24

Tgt Ion: 117 Resp: 558862
Ion Ratio Lower Upper
117 100
82 56.3 46.4 69.6
119 31.7 26.0 39.0

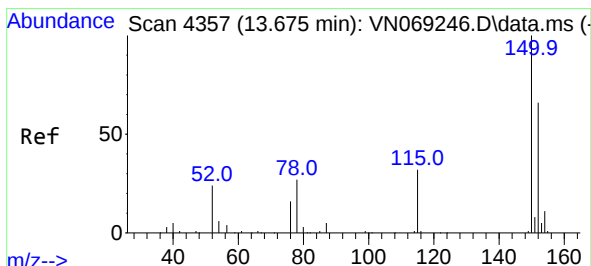
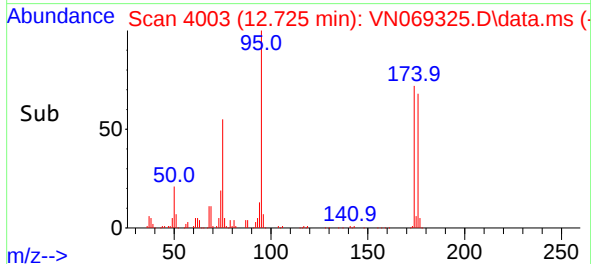
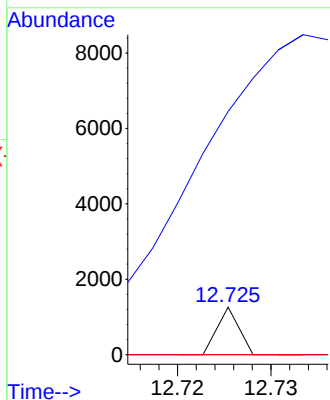
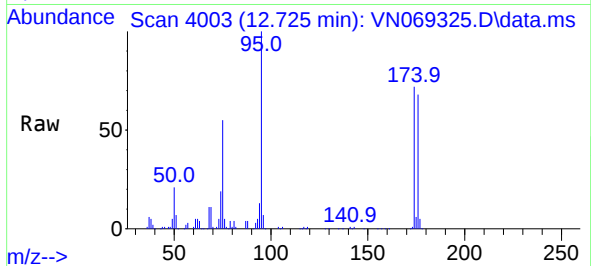




#71
Bromoform
Concen: 2.928 ug/l
RT: 12.725 min Scan# 4003
Delta R.T. 0.265 min
Lab File: VN069325.D
Acq: 1 Nov 2021 17:24

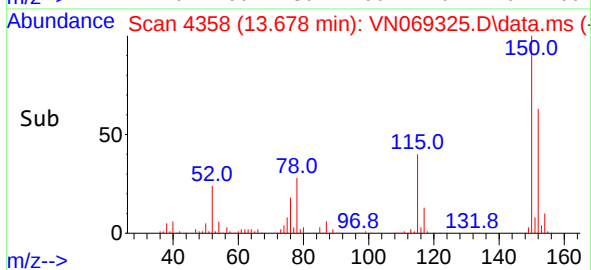
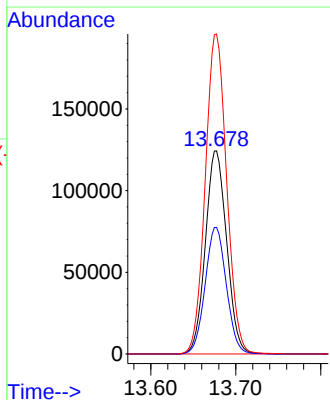
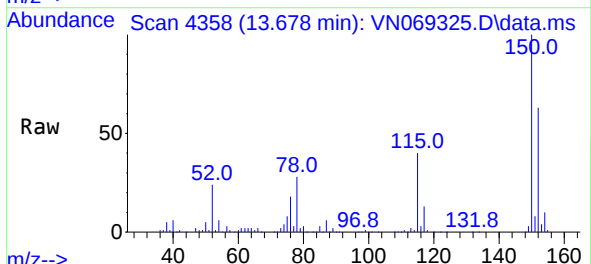
Instrument :
MSVOA_N
ClientSampleId :

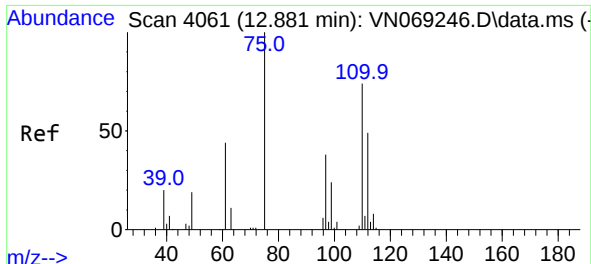
Tgt Ion:173 Resp: 203
Ion Ratio Lower Upper
173 100
175 6713.3 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN069325.D
Acq: 1 Nov 2021 17:24

Tgt Ion:152 Resp: 216883
Ion Ratio Lower Upper
152 100
115 62.1 31.4 94.3
150 157.9 0.0 351.0

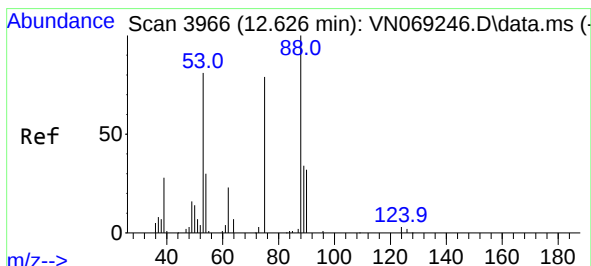
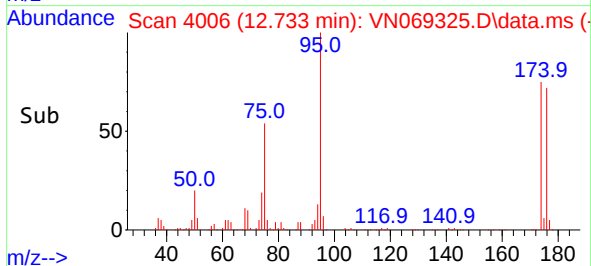
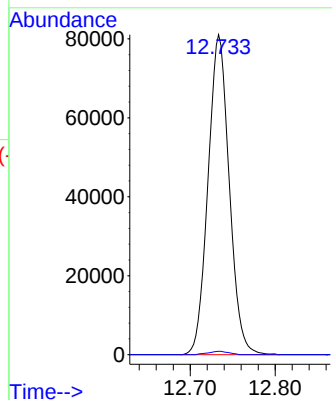
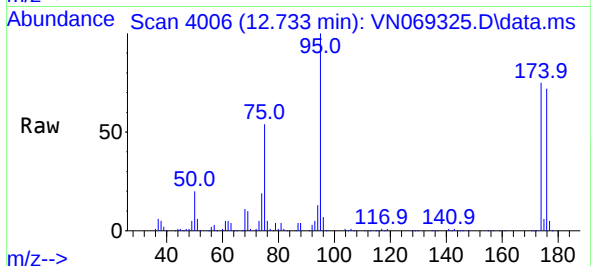




#76
1,2,3-Trichloropropane
Concen: 24.615 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069325.D
Acq: 1 Nov 2021 17:24

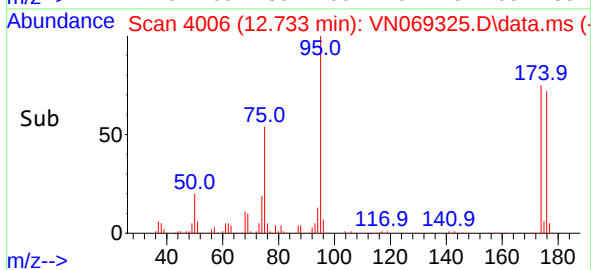
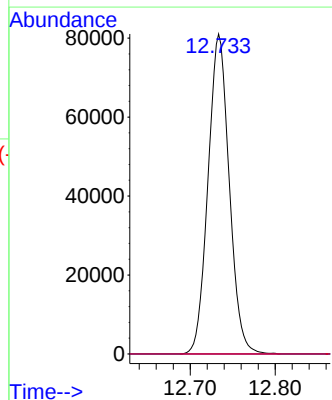
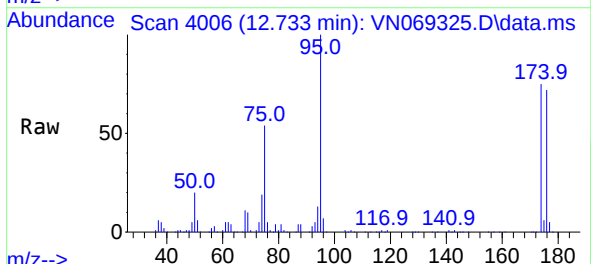
Instrument :
MSVOA_N
ClientSampleId :

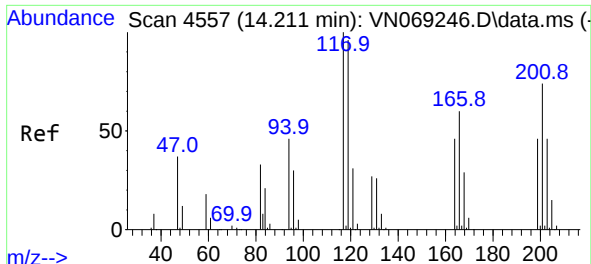
Tgt Ion: 75 Resp: 140408
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.566 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069325.D
Acq: 1 Nov 2021 17:24

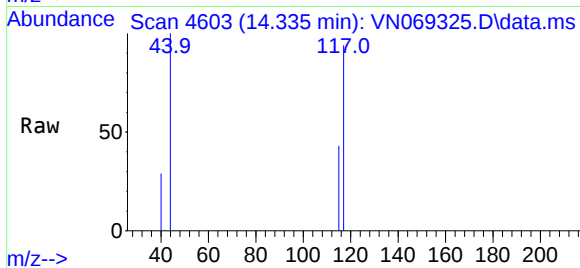
Tgt Ion: 75 Resp: 140408
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



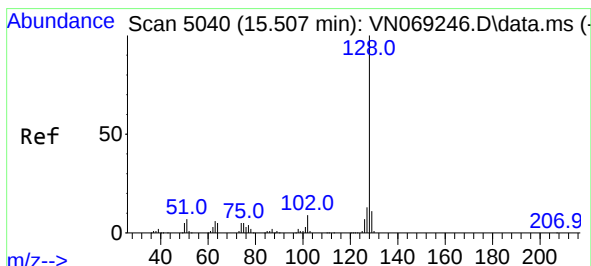
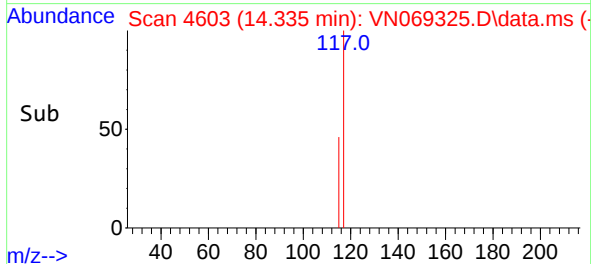
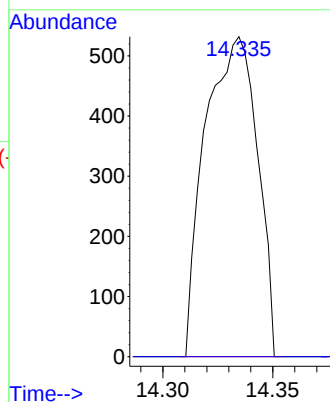


#90
Hexachloroethane
Concen: 2.323 ug/l
RT: 14.335 min Scan# 411
Delta R.T. 0.124 min
Lab File: VN069325.D
Acq: 1 Nov 2021 17:24

Instrument :
MSVOA_N
ClientSampleId :

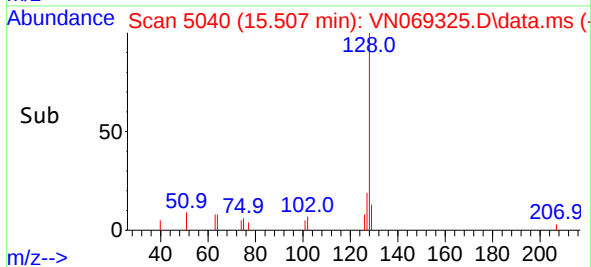
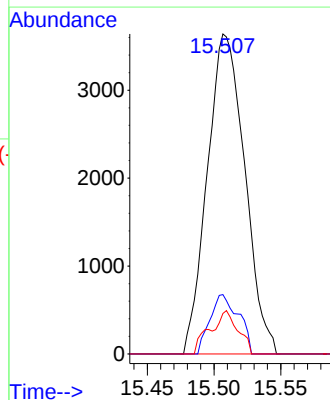
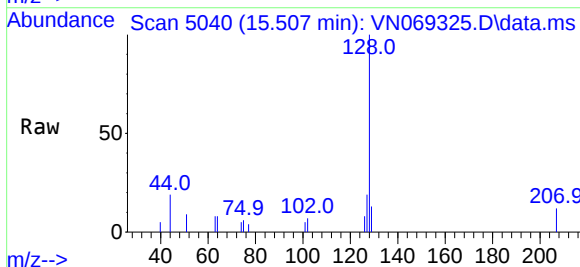


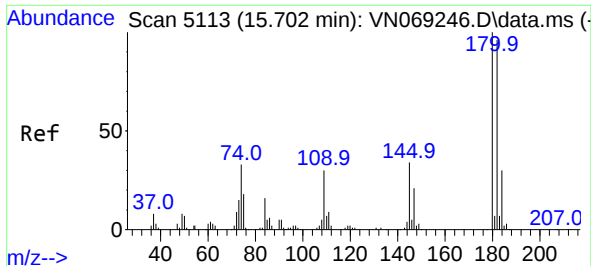
Tgt Ion:117 Resp: 876
Ion Ratio Lower Upper
117 100
201 0.0 37.1 111.5#



#95
Naphthalene
Concen: 3.920 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069325.D
Acq: 1 Nov 2021 17:24

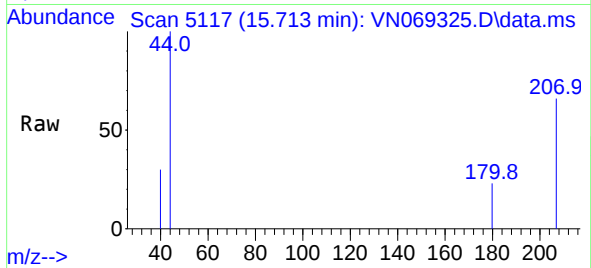
Tgt Ion:128 Resp: 7101
Ion Ratio Lower Upper
128 100
127 14.2 10.5 15.7
129 10.1 8.9 13.3





#96
1,2,3-Trichlorobenzene
Concen: 2.214 ug/l
RT: 15.713 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN069325.D
Acq: 1 Nov 2021 17:24

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:180 Resp: 25
Ion Ratio Lower Upper
180 100
182 844.0 48.1 144.3#
145 0.0 17.4 52.2#

