

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102921\
 Data File : VN069312.D
 Acq On : 29 Oct 2021 19:56
 Operator : JC/MD
 Sample : M4343-01
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

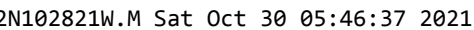
Quant Time: Oct 30 05:46:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

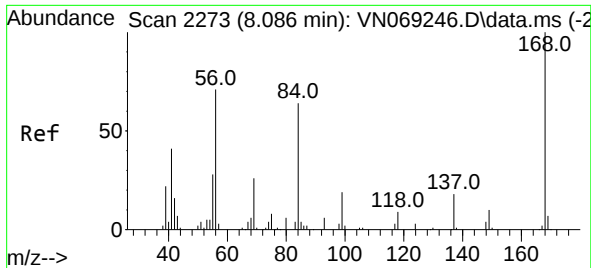
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.080	168	291672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	527734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	488406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	213314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	201826	47.935	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.880%		
35) Dibromofluoromethane	8.018	113	146633	44.573	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	89.140%		
50) Toluene-d8	10.440	98	642637	48.858	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.720%		
62) 4-Bromofluorobenzene	12.733	95	235396	47.426	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.860%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.292	50	389	Below Cal	#	42
5) Bromomethane	2.810	94	554	0.226	ug/l	96
16) Acetone	4.312	43	953	0.531	ug/l #	44
18) Methyl Acetate	4.862	43	22566	3.702	ug/l #	71
25) 2-Butanone	7.372	43	27	1.644	ug/l #	48
29) Tetrahydrofuran	7.702	42	1814	3.951	ug/l #	73
31) Cyclohexane	8.080	56	6899	1.224	ug/l #	24
36) 1,1-Dichloropropene	8.080	75	24278	5.336	ug/l #	49
38) Carbon Tetrachloride	8.080	117	31437	6.962	ug/l #	16
43) Isopropyl Acetate	8.587	43	8551	1.396	ug/l #	55
51) 4-Methyl-2-Pentanone	10.352	43	147	6.427	ug/l #	36
59) 2-Hexanone	11.087	43	322	8.069	ug/l #	25
76) 1,2,3-Trichloropropane	12.733	75	125840	22.430	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	125840	64.678	ug/l #	12
95) Naphthalene	15.512	128	570	3.358	ug/l #	69

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

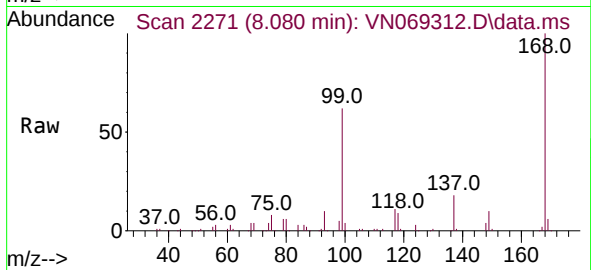
Quant Time: Oct 30 05:46:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 28 16:09:15 2021
Response via : Initial Calibration



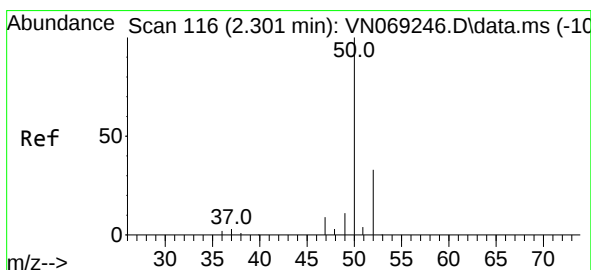
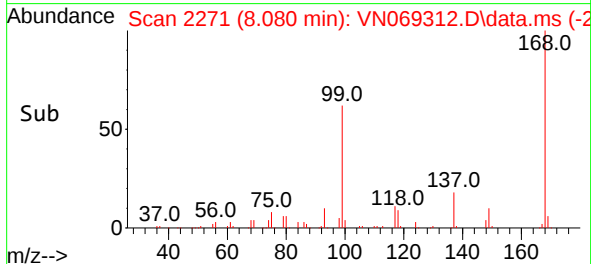
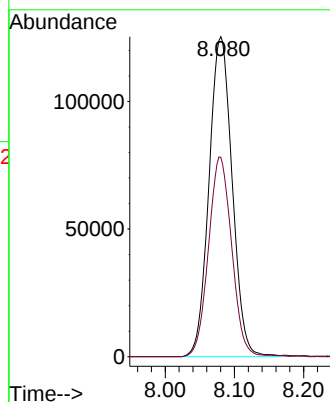


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN069312.D
Acq: 29 Oct 2021 19:56

Instrument :
MSVOA_N
ClientSampleId :

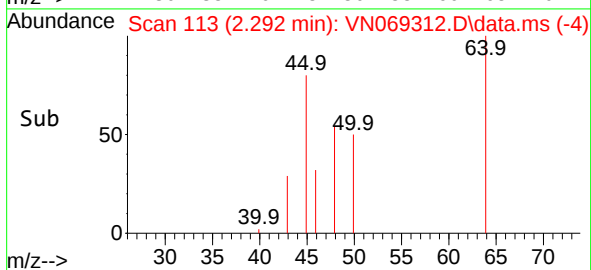
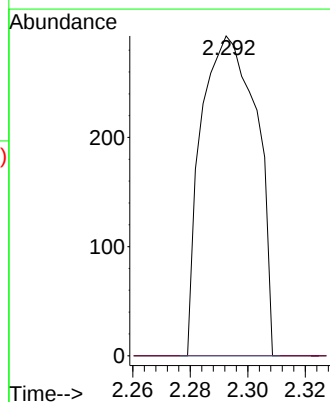
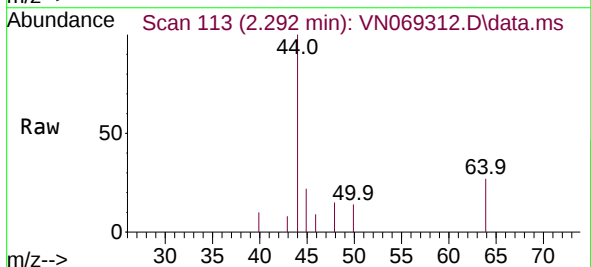


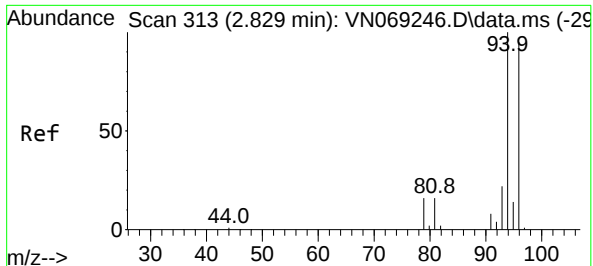
Tgt Ion:168 Resp: 291672
Ion Ratio Lower Upper
168 100
99 62.3 48.9 73.3



#3
Chloromethane
Concen: Below Cal
RT: 2.292 min Scan# 113
Delta R.T. -0.009 min
Lab File: VN069312.D
Acq: 29 Oct 2021 19:56

Tgt Ion: 50 Resp: 389
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

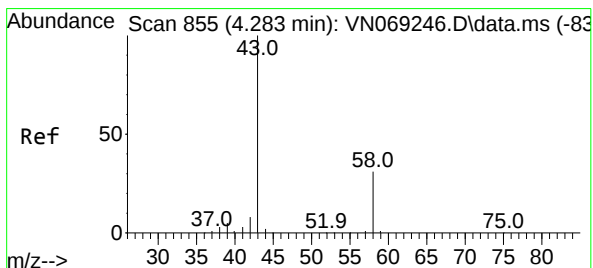
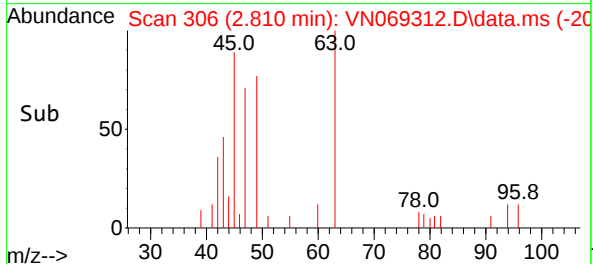
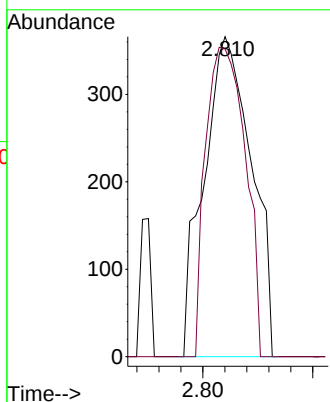
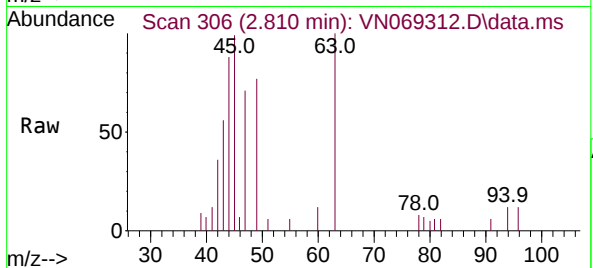




#5
Bromomethane
Concen: 0.226 ug/l
RT: 2.810 min Scan# 306
Delta R.T. -0.019 min
Lab File: VN069312.D
Acq: 29 Oct 2021 19:56

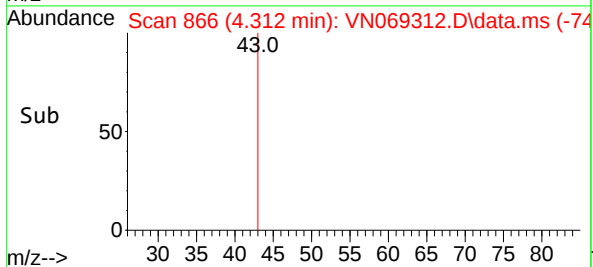
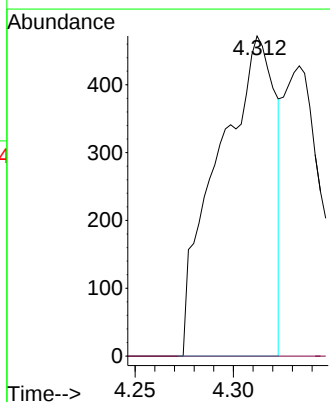
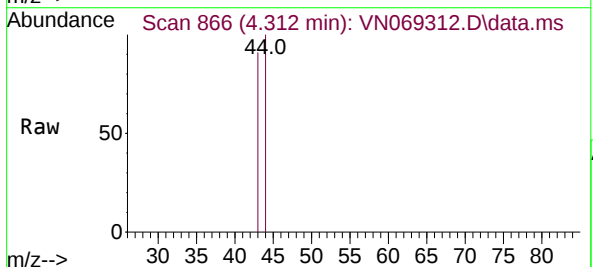
Instrument :
MSVOA_N
ClientSampleId :

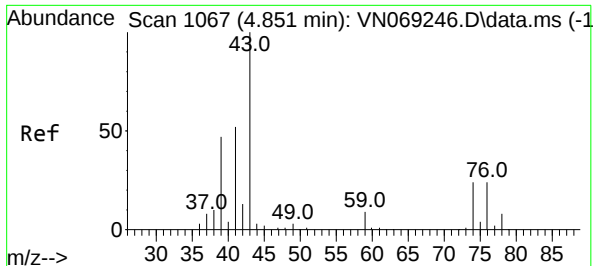
Tgt Ion: 94 Resp: 554
Ion Ratio Lower Upper
94 100
96 96.2 74.2 111.4



#16
Acetone
Concen: 0.531 ug/l
RT: 4.312 min Scan# 866
Delta R.T. 0.029 min
Lab File: VN069312.D
Acq: 29 Oct 2021 19:56

Tgt Ion: 43 Resp: 953
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#





#18

Methyl Acetate

Concen: 3.702 ug/l

RT: 4.862 min Scan# 1067

Delta R.T. 0.011 min

Lab File: VN069312.D

Acq: 29 Oct 2021 19:56

Instrument :

MSVOA_N

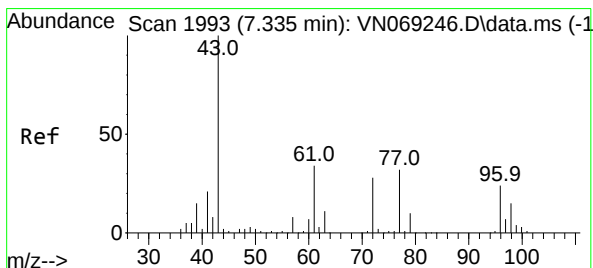
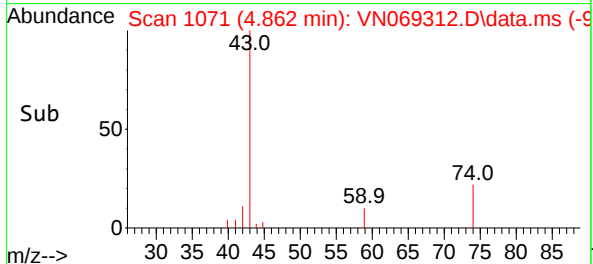
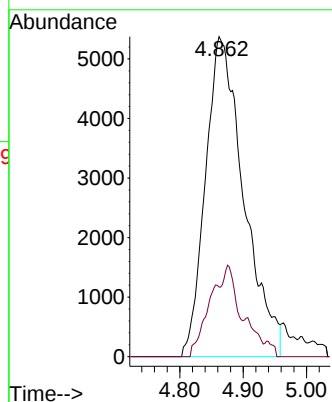
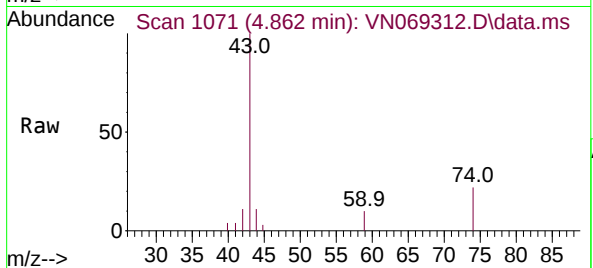
ClientSampleId :

Tgt Ion: 43 Resp: 22566

Ion Ratio Lower Upper

43 100

74 9.4 18.9 28.3#



#25

2-Butanone

Concen: 1.644 ug/l

RT: 7.372 min Scan# 2007

Delta R.T. 0.037 min

Lab File: VN069312.D

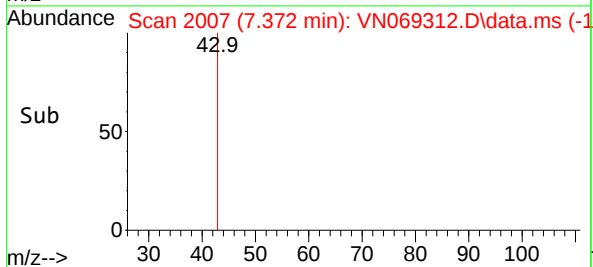
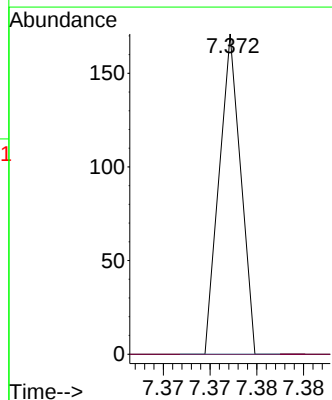
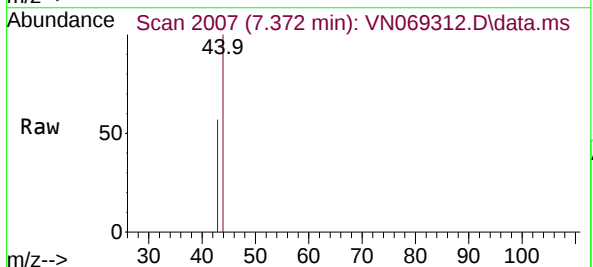
Acq: 29 Oct 2021 19:56

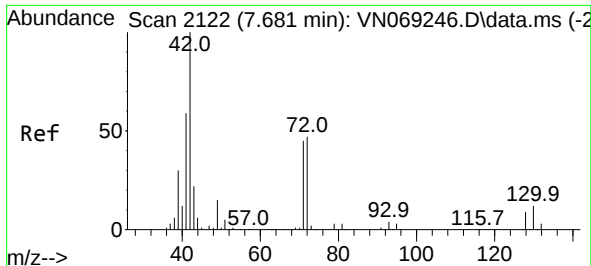
Tgt Ion: 43 Resp: 27

Ion Ratio Lower Upper

43 100

72 0.0 21.2 31.8#





#29

Tetrahydrofuran

Concen: 3.951 ug/l

RT: 7.702 min Scan# 21

Delta R.T. 0.021 min

Lab File: VN069312.D

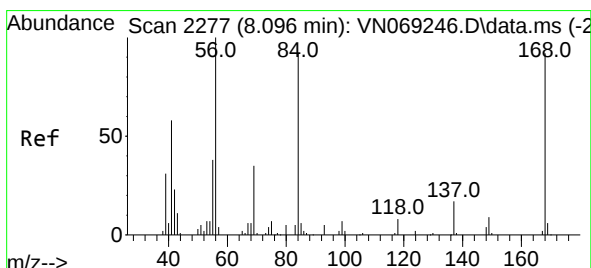
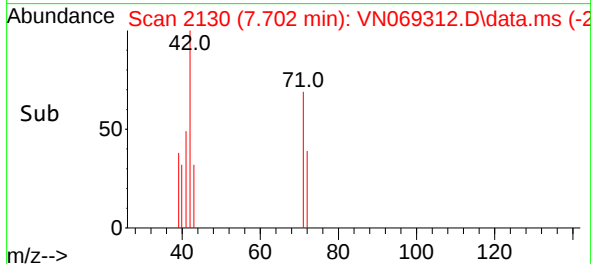
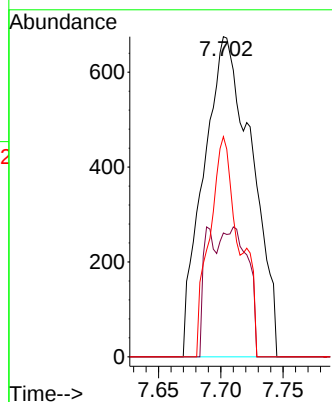
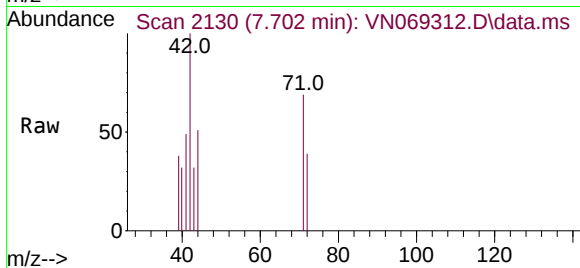
Acq: 29 Oct 2021 19:56

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	42	Resp:	1814
Ion	Ratio	Lower	Upper
42	100		
72	10.6	35.4	53.2#
71	42.8	33.8	50.6



#31

Cyclohexane

Concen: 1.224 ug/l

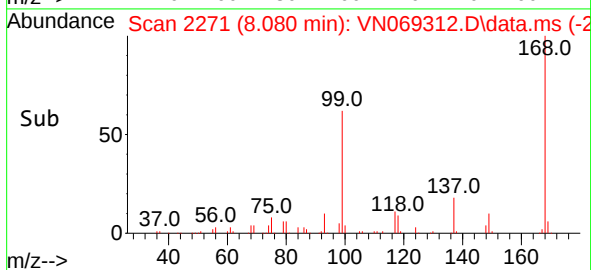
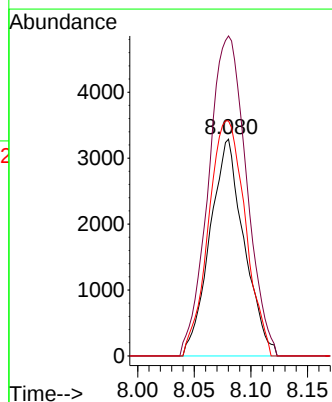
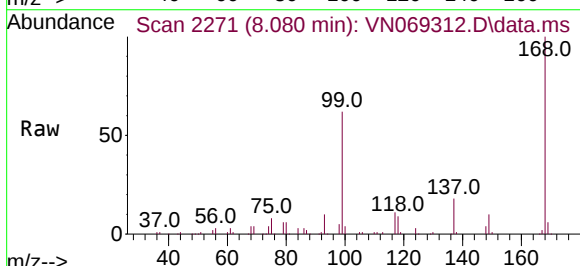
RT: 8.080 min Scan# 2271

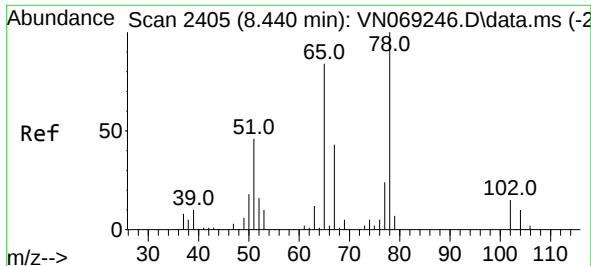
Delta R.T. -0.016 min

Lab File: VN069312.D

Acq: 29 Oct 2021 19:56

Tgt Ion:	56	Resp:	6899
Ion	Ratio	Lower	Upper
56	100		
69	147.6	26.9	40.3#
84	108.5	67.6	101.4#





#33

1,2-Dichloroethane-d4

Concen: 47.935 ug/l

RT: 8.434 min Scan# 24

Delta R.T. -0.006 min

Lab File: VN069312.D

Acq: 29 Oct 2021 19:56

Instrument :

MSVOA_N

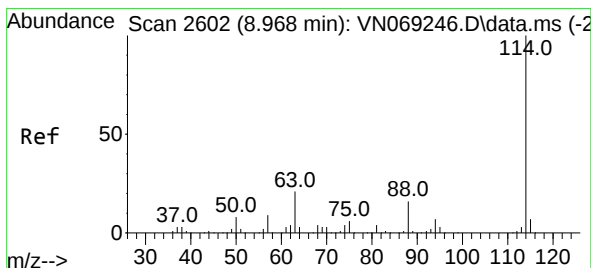
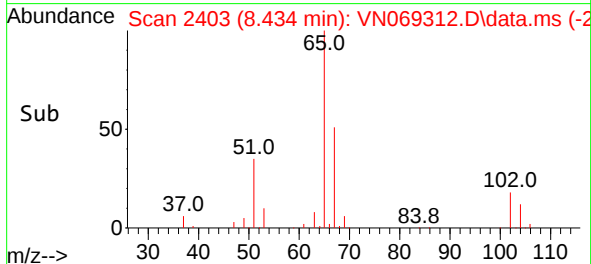
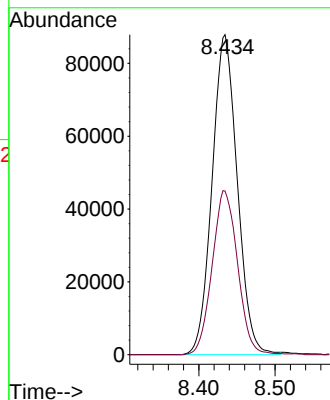
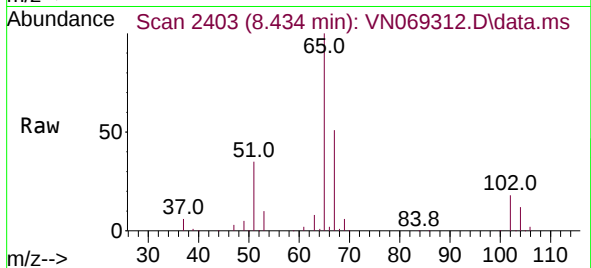
ClientSampleId :

Tgt Ion: 65 Resp: 201826

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN069312.D

Acq: 29 Oct 2021 19:56

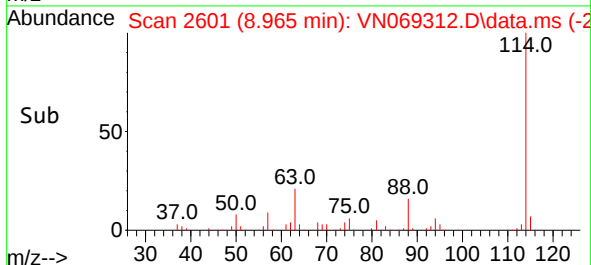
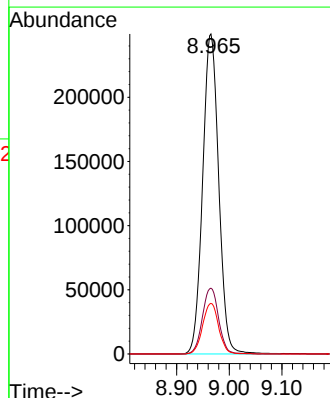
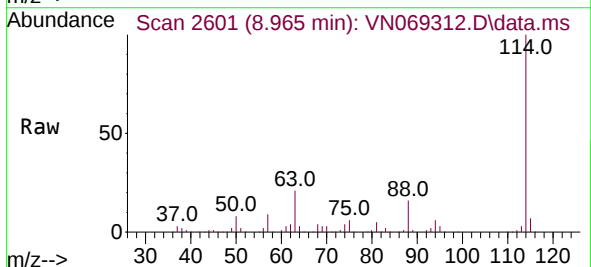
Tgt Ion: 114 Resp: 527734

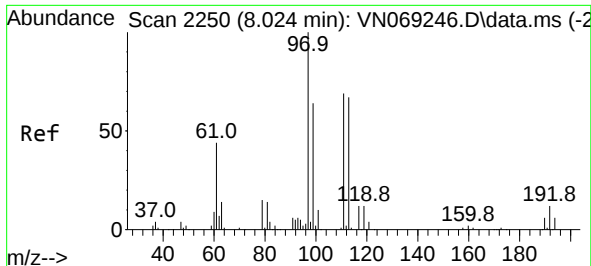
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

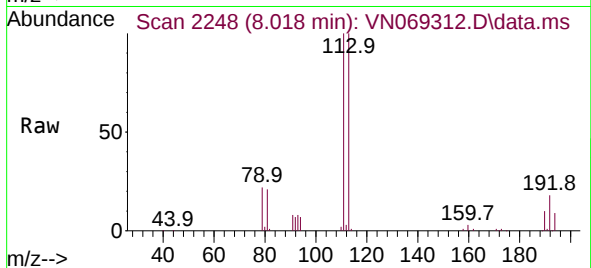
88 15.8 0.0 32.0



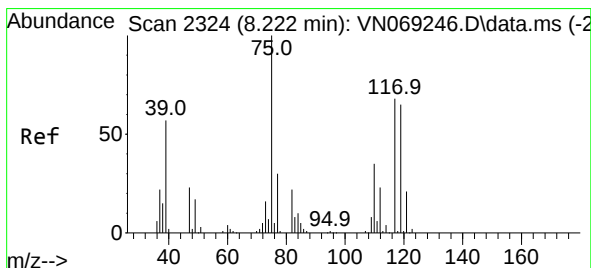
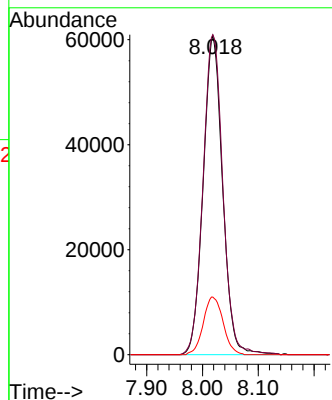
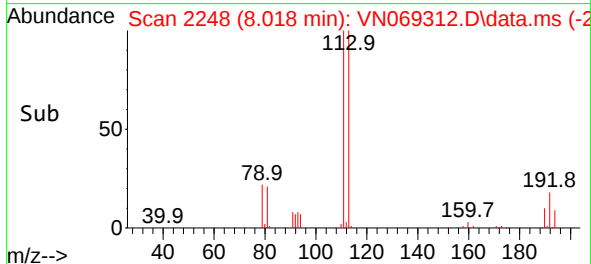


#35
Dibromofluoromethane
Concen: 44.573 ug/l
RT: 8.018 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN069312.D
Acq: 29 Oct 2021 19:56

Instrument :
MSVOA_N
ClientSampleId :

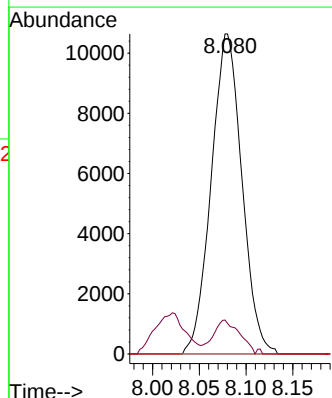
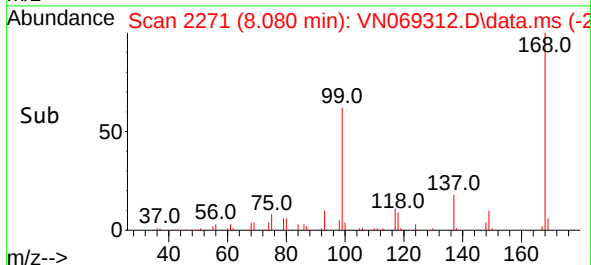
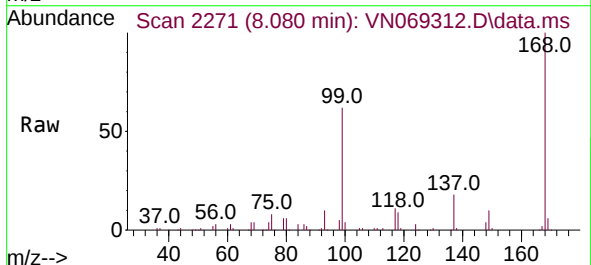


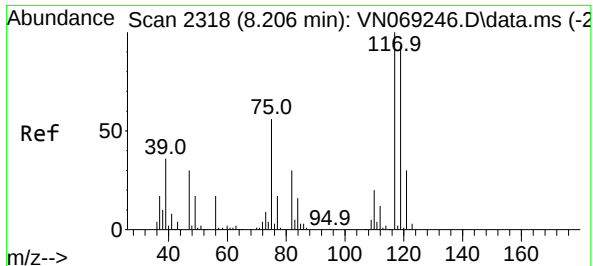
Tgt Ion:113 Resp: 146633
Ion Ratio Lower Upper
113 100
111 102.8 83.2 124.8
192 18.5 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.336 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.142 min
Lab File: VN069312.D
Acq: 29 Oct 2021 19:56

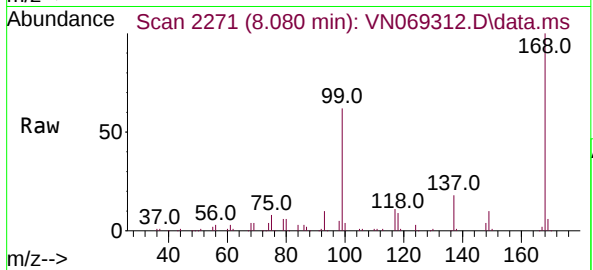
Tgt Ion: 75 Resp: 24278
Ion Ratio Lower Upper
75 100
110 9.1 17.9 53.8#
77 0.0 24.7 37.1#



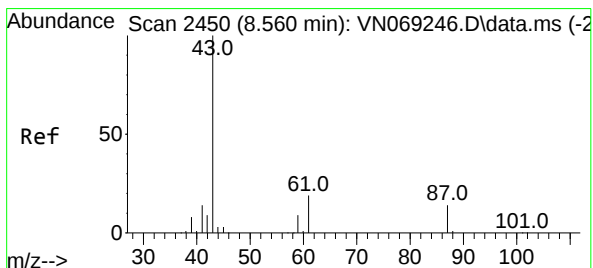
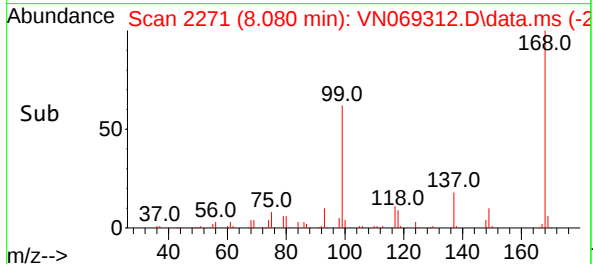
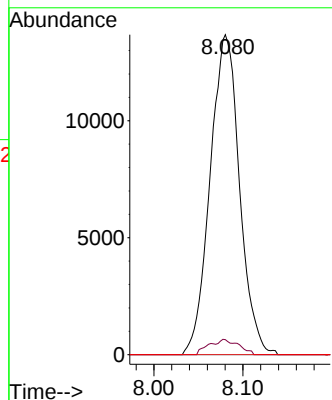


#38
Carbon Tetrachloride
Concen: 6.962 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.126 min
Lab File: VN069312.D
Acq: 29 Oct 2021 19:56

Instrument :
MSVOA_N
ClientSampleId :

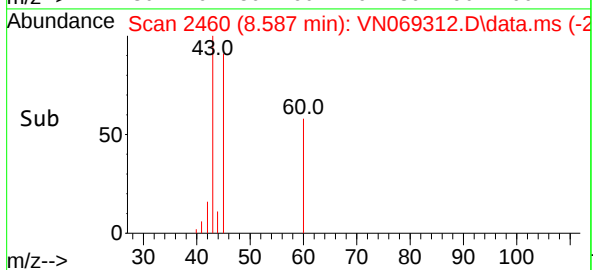
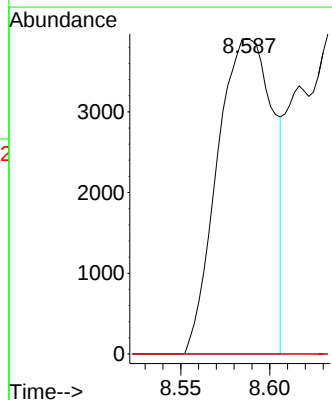
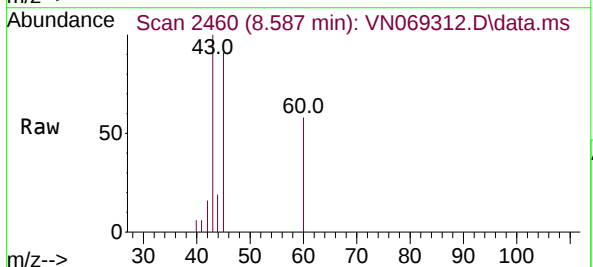


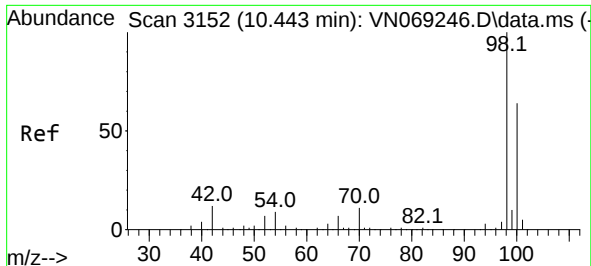
Tgt Ion:117 Resp: 31437
Ion Ratio Lower Upper
117 100
119 4.7 76.9 115.3#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 1.396 ug/l
RT: 8.587 min Scan# 2460
Delta R.T. 0.027 min
Lab File: VN069312.D
Acq: 29 Oct 2021 19:56

Tgt Ion: 43 Resp: 8551
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#

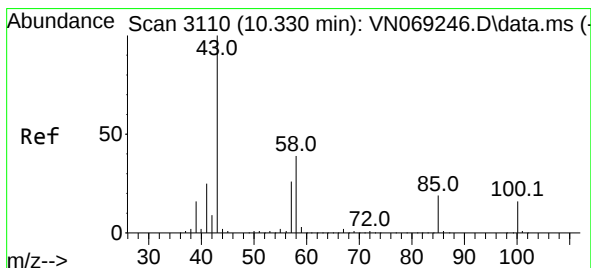
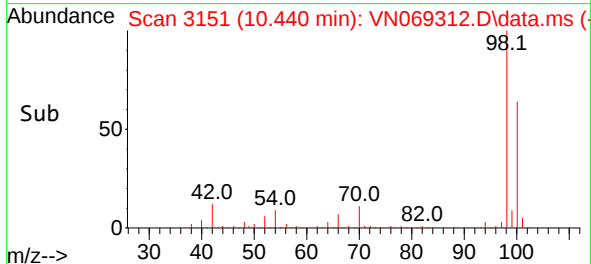
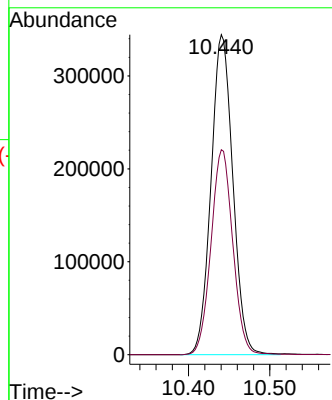
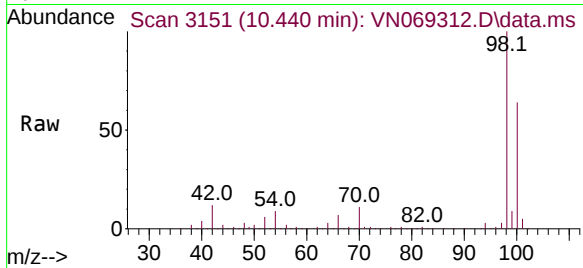




#50
Toluene-d8
Concen: 48.858 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069312.D
Acq: 29 Oct 2021 19:56

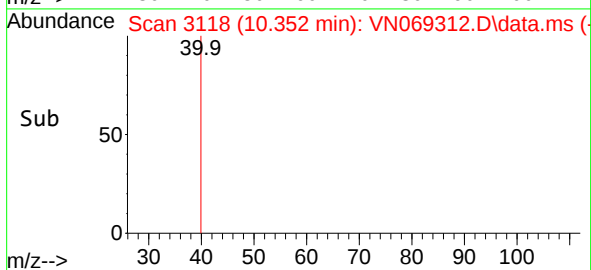
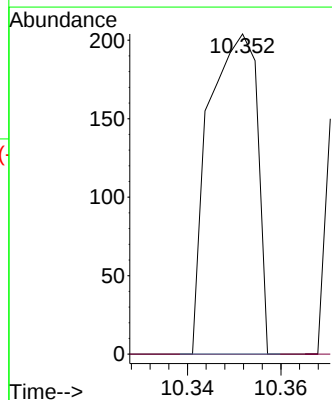
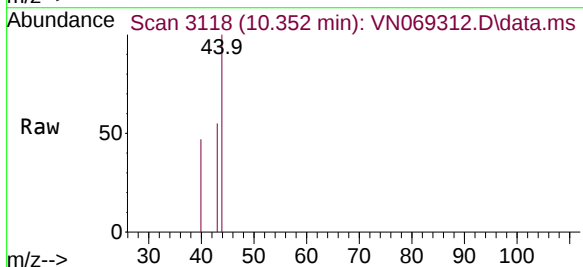
Instrument :
MSVOA_N
ClientSampleId :

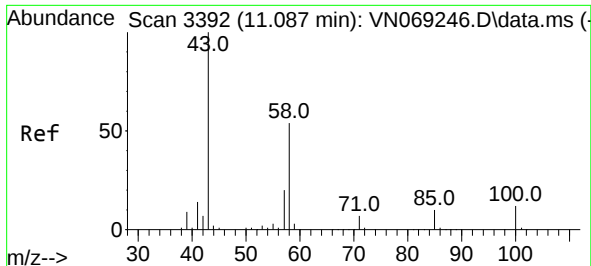
Tgt Ion: 98 Resp: 642637
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 6.427 ug/l
RT: 10.352 min Scan# 3118
Delta R.T. 0.022 min
Lab File: VN069312.D
Acq: 29 Oct 2021 19:56

Tgt Ion: 43 Resp: 147
Ion Ratio Lower Upper
43 100
58 0.0 31.0 46.4#

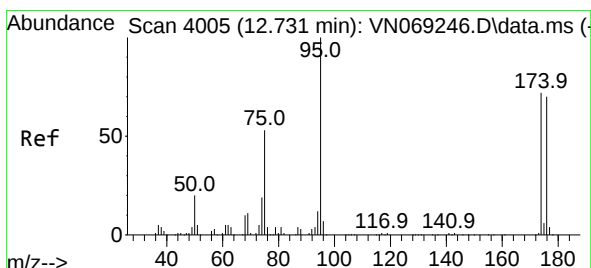
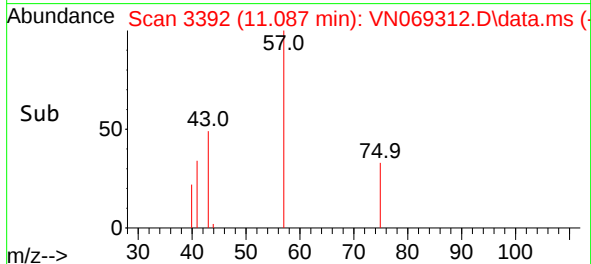
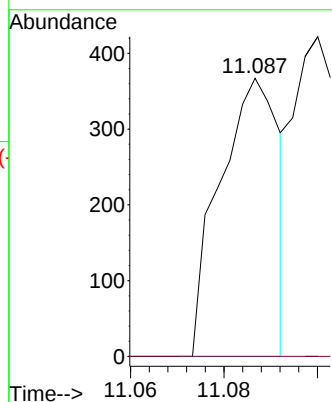
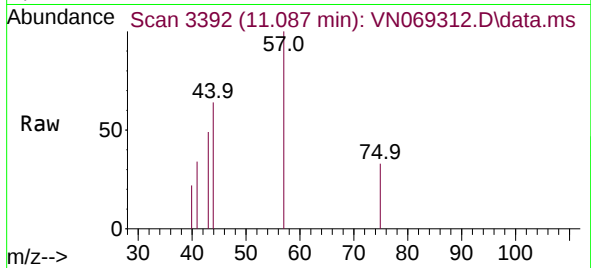




#59
2-Hexanone
Concen: 8.069 ug/l
RT: 11.087 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN069312.D
Acq: 29 Oct 2021 19:56

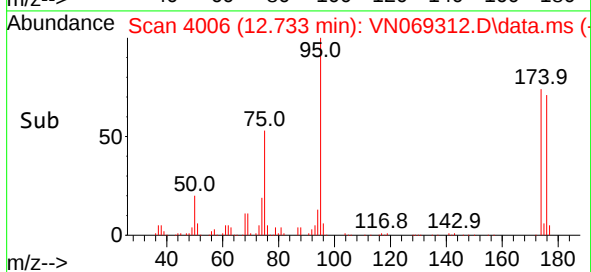
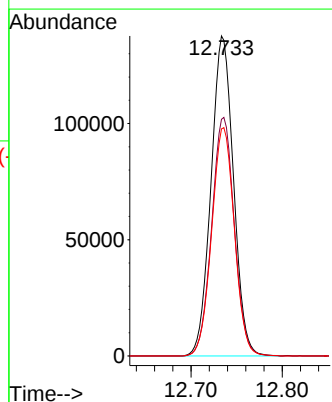
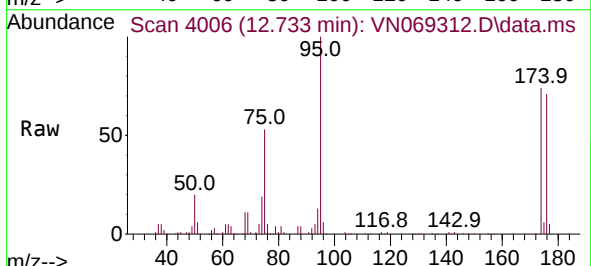
Instrument :
MSVOA_N
ClientSampleId :

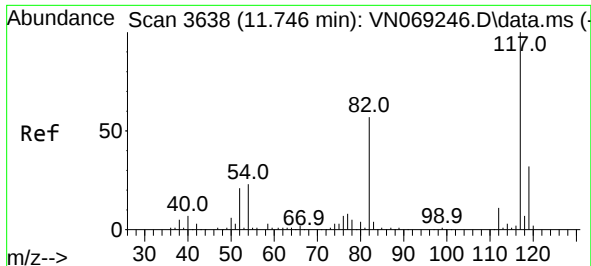
Tgt Ion: 43 Resp: 322
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 47.426 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069312.D
Acq: 29 Oct 2021 19:56

Tgt Ion: 95 Resp: 235396
Ion Ratio Lower Upper
95 100
174 75.2 0.0 144.8
176 72.2 0.0 140.0

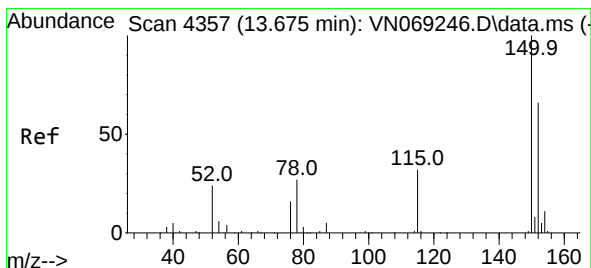
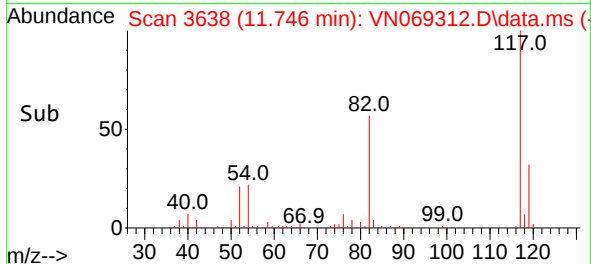
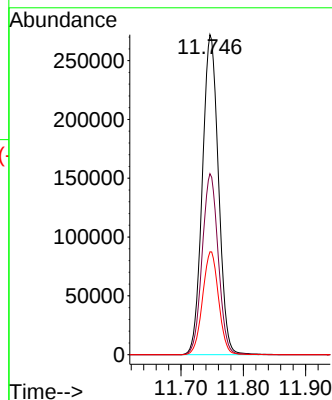
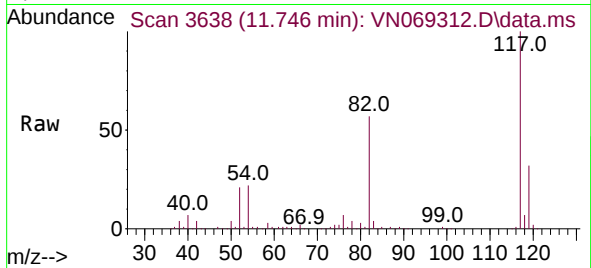




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN069312.D
Acq: 29 Oct 2021 19:56

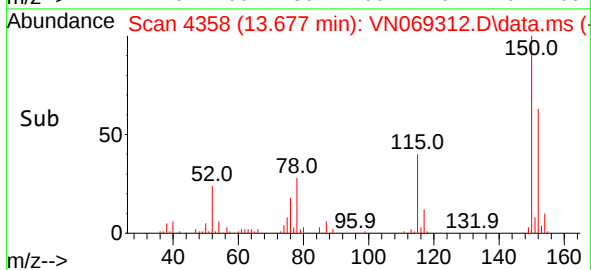
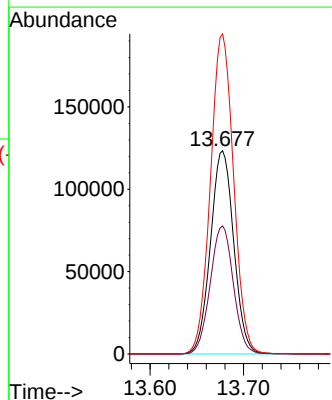
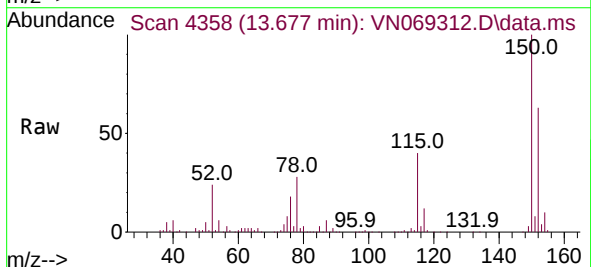
Instrument :
MSVOA_N
ClientSampleId :

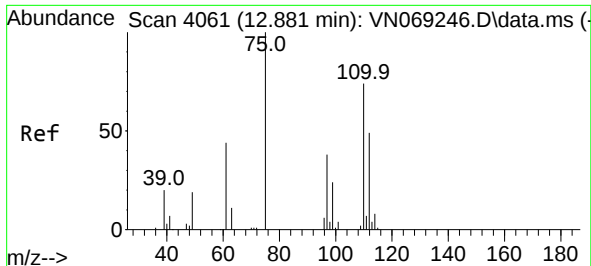
Tgt Ion:117 Resp: 488406
Ion Ratio Lower Upper
117 100
82 56.6 46.4 69.6
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN069312.D
Acq: 29 Oct 2021 19:56

Tgt Ion:152 Resp: 213314
Ion Ratio Lower Upper
152 100
115 62.7 31.4 94.3
150 156.6 0.0 351.0

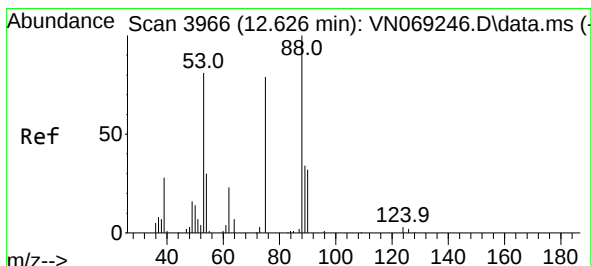
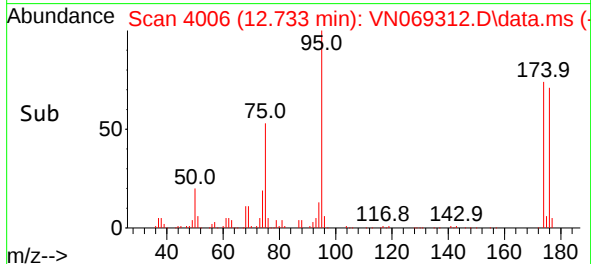
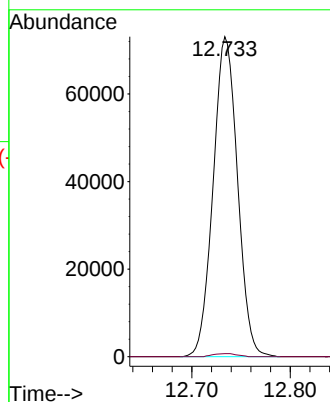
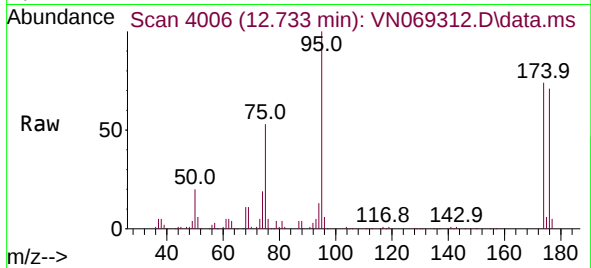




#76
1,2,3-Trichloropropane
Concen: 22.430 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069312.D
Acq: 29 Oct 2021 19:56

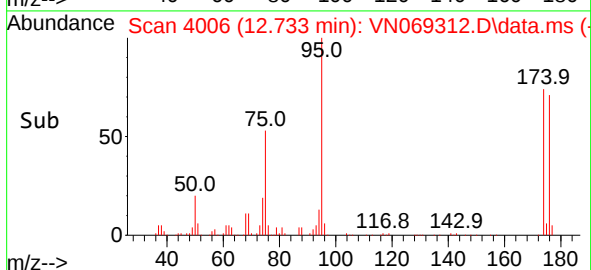
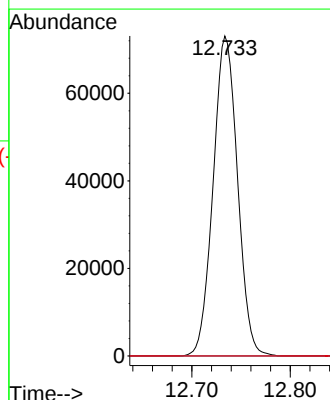
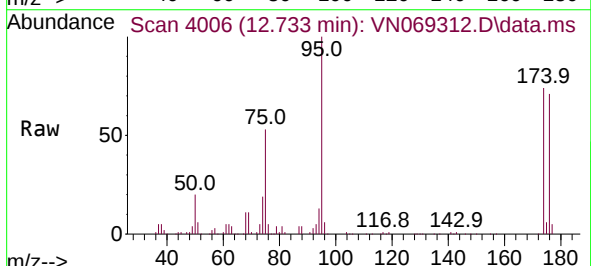
Instrument :
MSVOA_N
ClientSampleId :

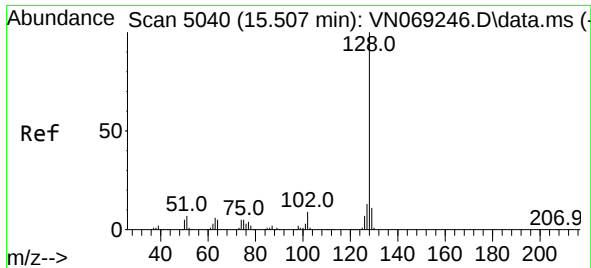
Tgt Ion: 75 Resp: 125840
Ion Ratio Lower Upper
75 100
77 0.9 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.678 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069312.D
Acq: 29 Oct 2021 19:56

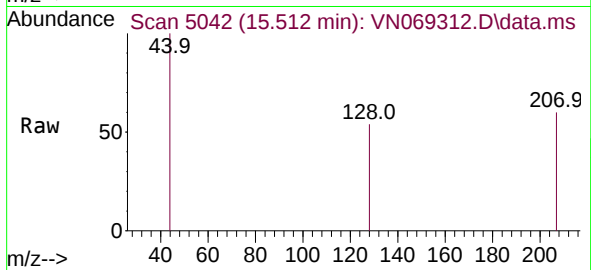
Tgt Ion: 75 Resp: 125840
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 3.358 ug/l
RT: 15.512 min Scan# 50
Delta R.T. 0.005 min
Lab File: VN069312.D
Acq: 29 Oct 2021 19:56

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 570
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

