

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011268.D
 Acq On : 02 Nov 2022 17:20
 Operator : KP/MD
 Sample : N5398-12
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-9-103122

Quant Time: Nov 03 05:18:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

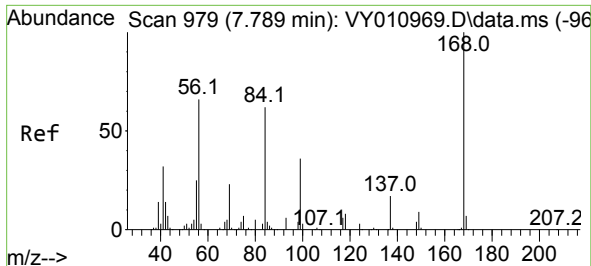
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	234067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	363415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	237668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114066	45.565	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.140%
35) Dibromofluoromethane	7.715	113	134342	57.536	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.080%
50) Toluene-d8	10.178	98	439865	48.520	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.040%
62) 4-Bromofluorobenzene	12.477	95	94395	29.993	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	84	Below Cal	#	43
11) Tert butyl alcohol	4.935	59	336	Below Cal	#	77
16) Acetone	3.948	43	25511	33.760	ug/l	90
20) Methylene Chloride	4.716	84	9393	Below Cal	#	81
25) 2-Butanone	6.990	43	7613	7.160	ug/l	# 84
29) Tetrahydrofuran	7.343	42	906	1.464	ug/l	94
36) 1,1-Dichloropropene	7.782	75	16919	4.437	ug/l	# 51
37) Ethyl Acetate	6.990	43	7613	3.704	ug/l	# 72
38) Carbon Tetrachloride	7.789	117	22710	5.741	ug/l	# 15
74) N-amyl acetate	12.111	43	2341	2.064	ug/l	# 57
76) 1,2,3-Trichloropropane	12.477	75	45519	61.865	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	45519	132.399	ug/l	# 8
95) Naphthalene	15.238	128	470	4.130	ug/l	# 69

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

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Response via : Initial Calibration

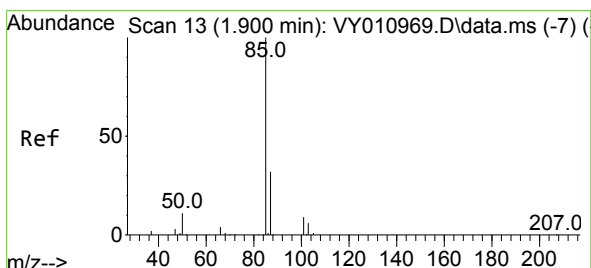
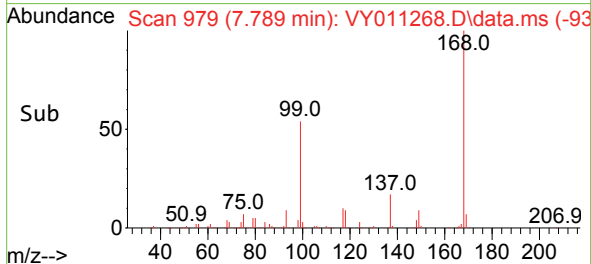
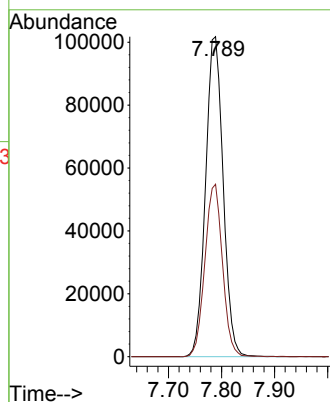
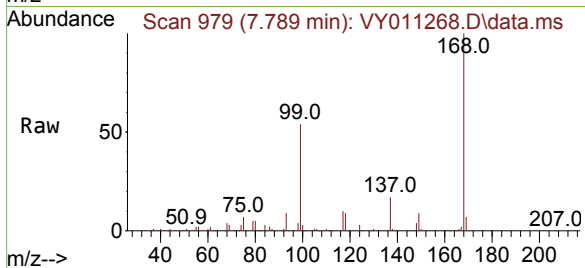




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011268.D
Acq: 02 Nov 2022 17:20

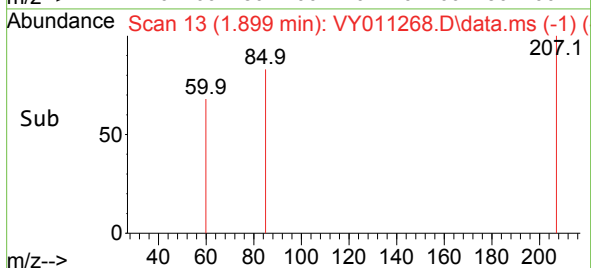
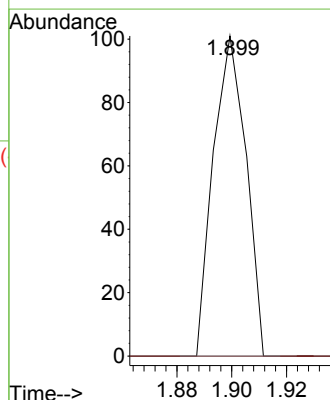
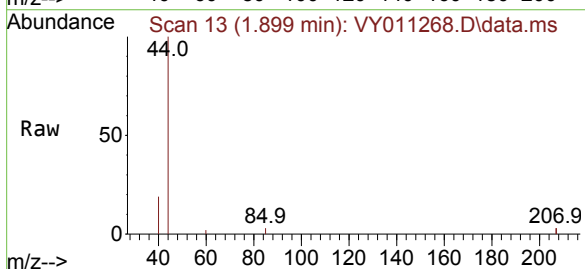
Instrument :
MSVOA_Y
ClientSampleId :
S-9-103122

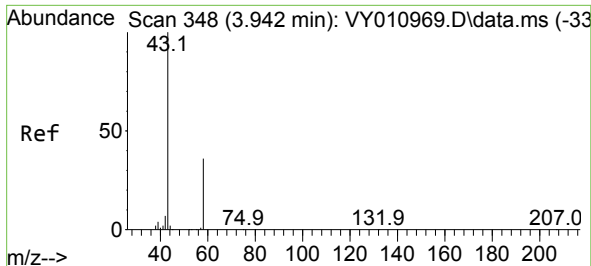
Tgt Ion:168 Resp: 234067
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.899 min Scan# 13
Delta R.T. -0.001 min
Lab File: VY011268.D
Acq: 02 Nov 2022 17:20

Tgt Ion: 85 Resp: 84
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#16

Acetone

Concen: 33.760 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY011268.D

Acq: 02 Nov 2022 17:20

Instrument :

MSVOA_Y

ClientSampleId :

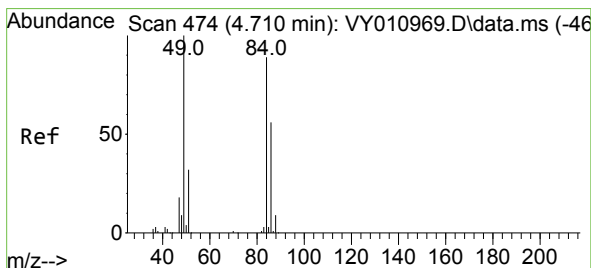
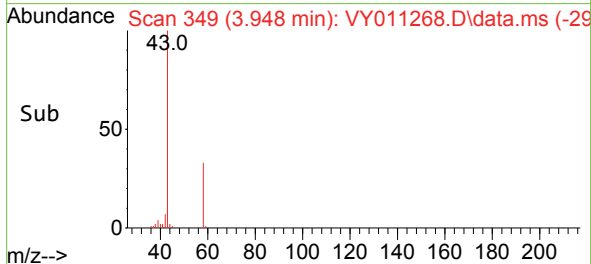
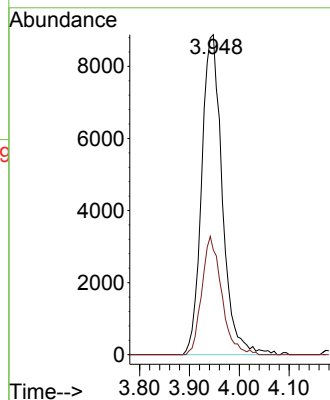
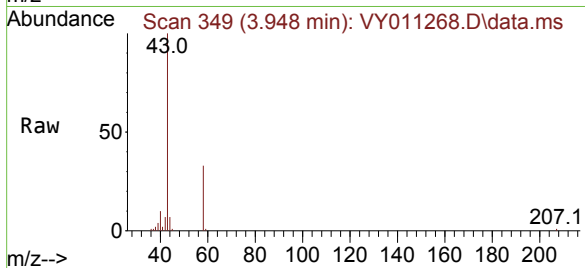
S-9-103122

Tgt Ion: 43 Resp: 25511

Ion Ratio Lower Upper

43 100

58 32.7 22.0 33.0



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY011268.D

Acq: 02 Nov 2022 17:20

Tgt Ion: 84 Resp: 9393

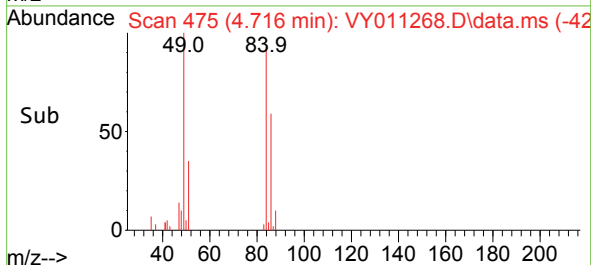
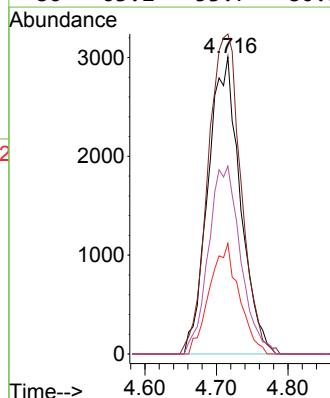
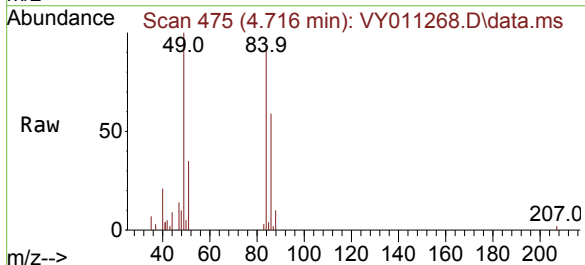
Ion Ratio Lower Upper

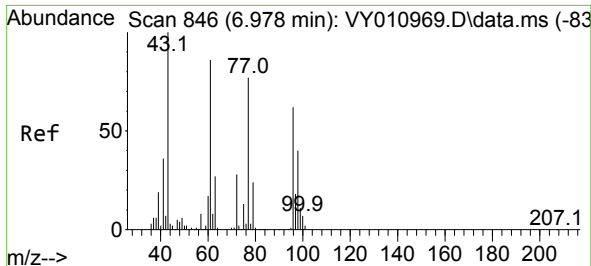
84 100

49 107.7 114.4 171.6#

51 37.2 35.3 52.9

86 63.2 53.7 80.5

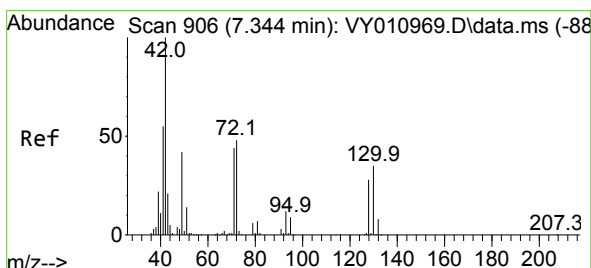
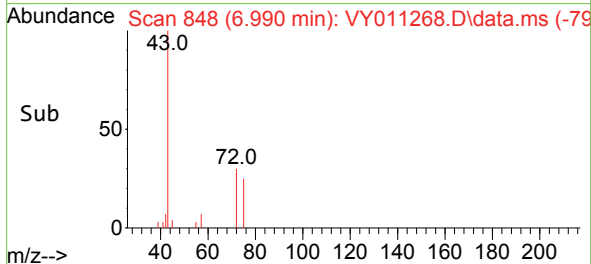
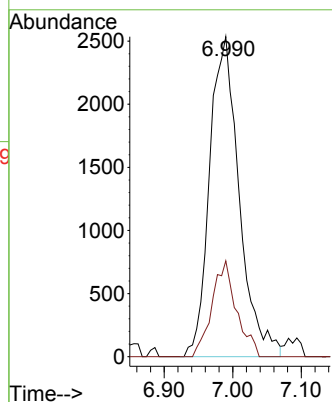
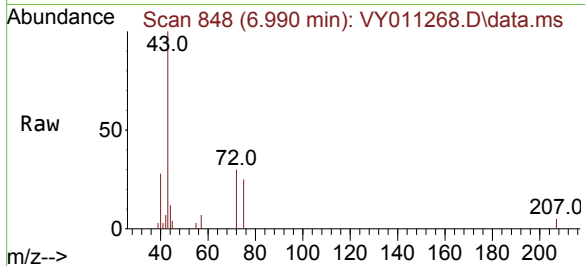




#25
2-Butanone
Concen: 7.160 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY011268.D
Acq: 02 Nov 2022 17:20

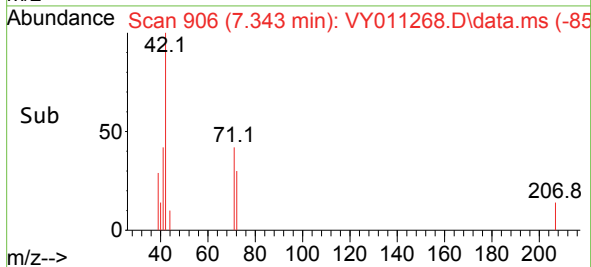
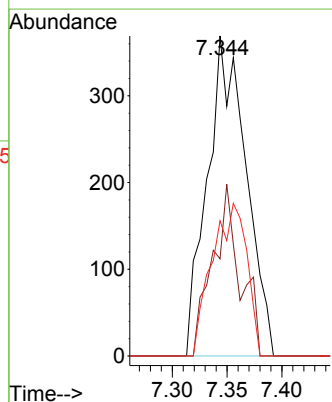
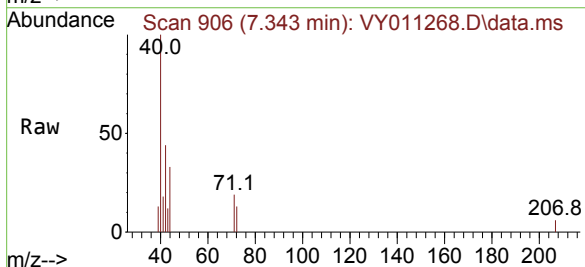
Instrument :
MSVOA_Y
ClientSampleId :
S-9-103122

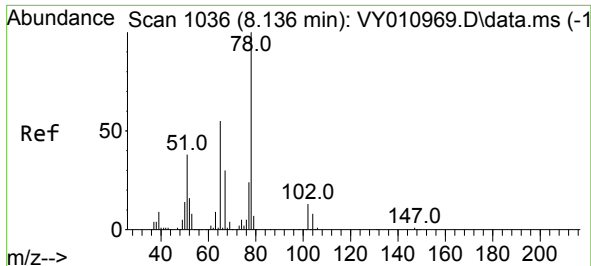
Tgt Ion: 43 Resp: 7613
Ion Ratio Lower Upper
43 100
72 29.9 17.7 26.5#



#29
Tetrahydrofuran
Concen: 1.464 ug/l
RT: 7.343 min Scan# 906
Delta R.T. -0.001 min
Lab File: VY011268.D
Acq: 02 Nov 2022 17:20

Tgt Ion: 42 Resp: 906
Ion Ratio Lower Upper
42 100
72 38.2 30.3 45.5
71 42.8 29.0 43.4

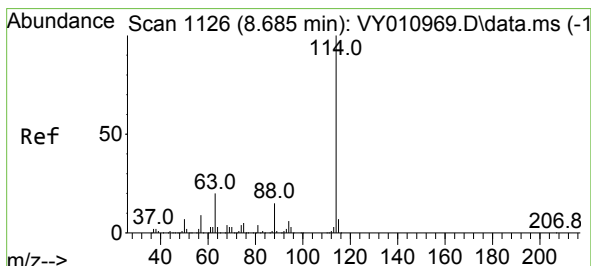
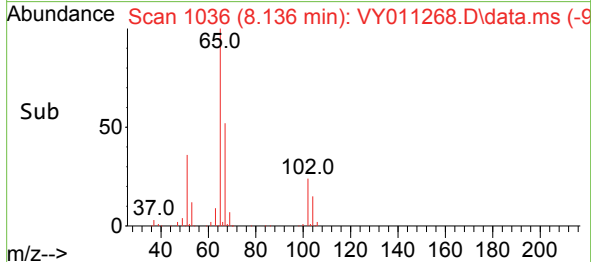
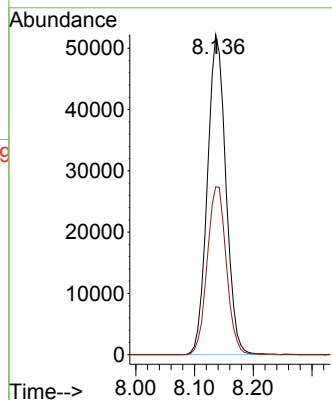
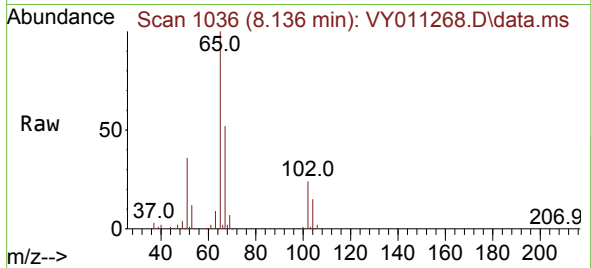




#33
 1,2-Dichloroethane-d4
 Concen: 45.565 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY011268.D
 Acq: 02 Nov 2022 17:20

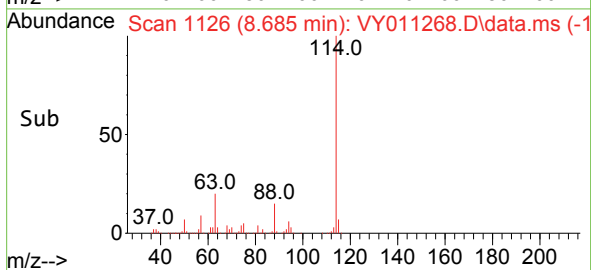
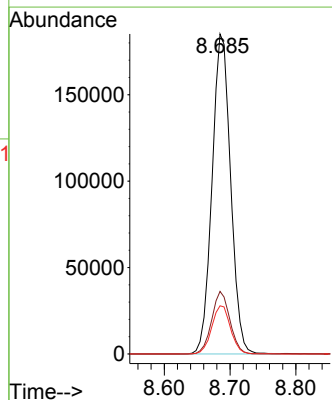
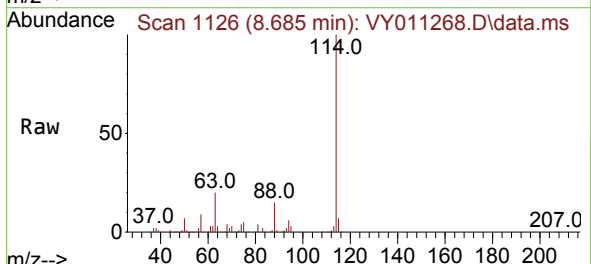
Instrument :
 MSVOA_Y
 ClientSampleId :
 S-9-103122

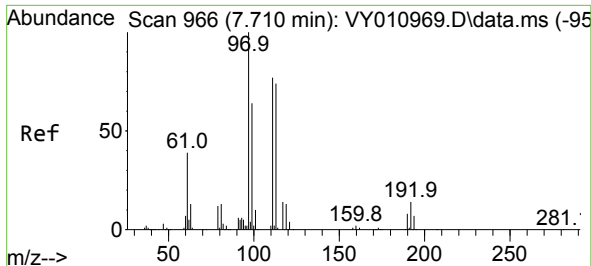
Tgt Ion: 65 Resp: 114066
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY011268.D
 Acq: 02 Nov 2022 17:20

Tgt Ion: 114 Resp: 363415
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 43.2
 88 15.1 0.0 31.8

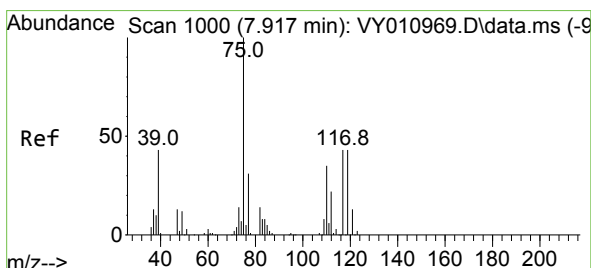
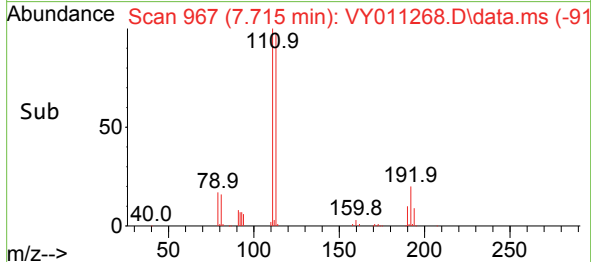
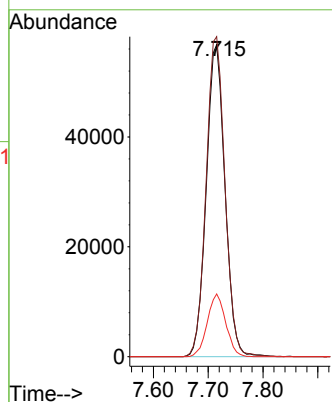
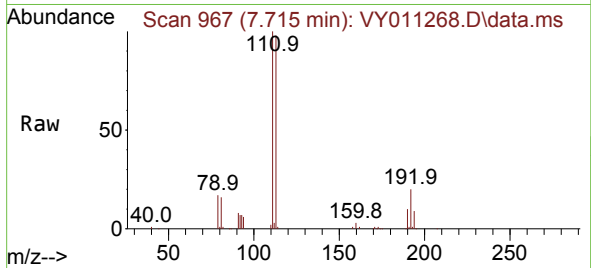




#35
Dibromofluoromethane
Concen: 57.536 ug/l
RT: 7.715 min Scan# 911
Delta R.T. 0.005 min
Lab File: VY011268.D
Acq: 02 Nov 2022 17:20

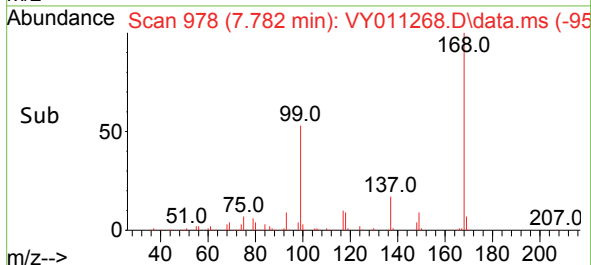
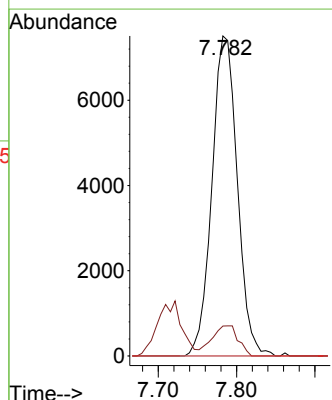
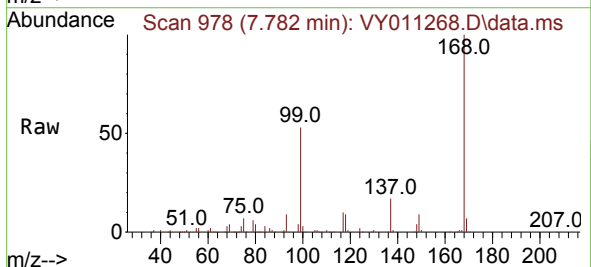
Instrument :
MSVOA_Y
ClientSampleId :
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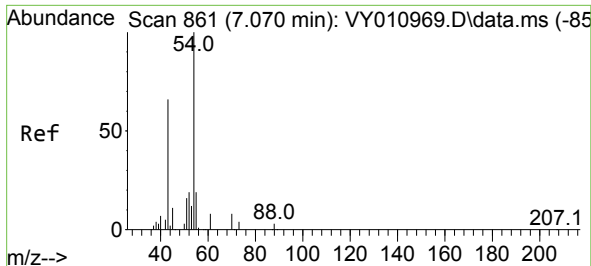
Tgt Ion:113 Resp: 134342
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.437 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.135 min
Lab File: VY011268.D
Acq: 02 Nov 2022 17:20

Tgt Ion: 75 Resp: 16919
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 3.704 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.080 min

Lab File: VY011268.D

Acq: 02 Nov 2022 17:20

Instrument :

MSVOA_Y

ClientSampleId :

S-9-103122

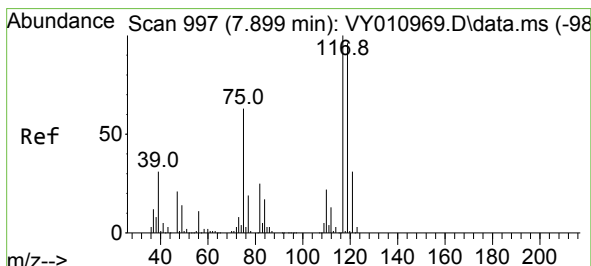
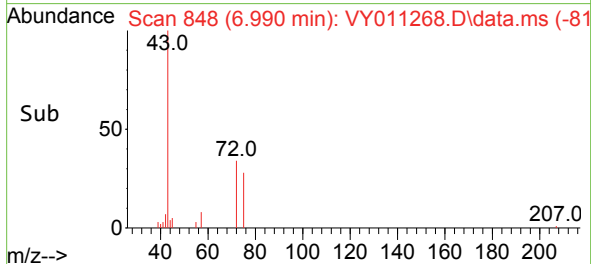
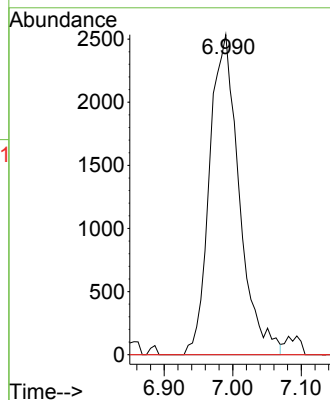
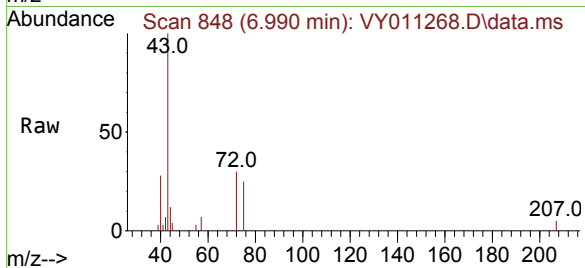
Tgt Ion: 43 Resp: 7613

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.741 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY011268.D

Acq: 02 Nov 2022 17:20

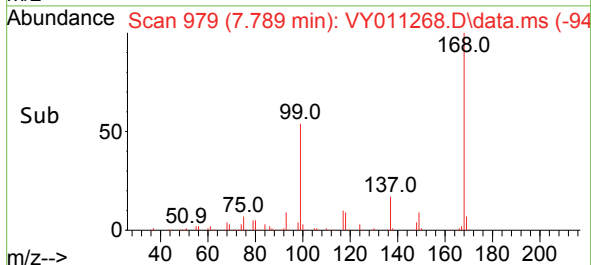
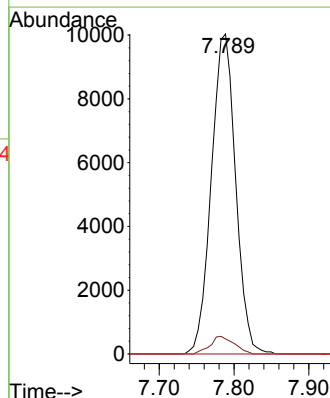
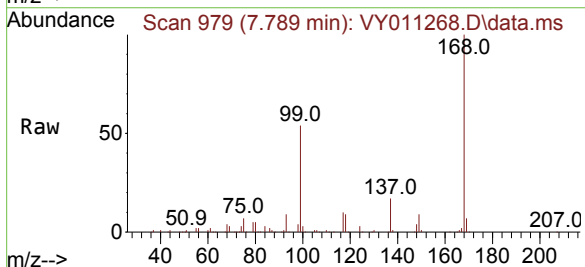
Tgt Ion: 117 Resp: 22710

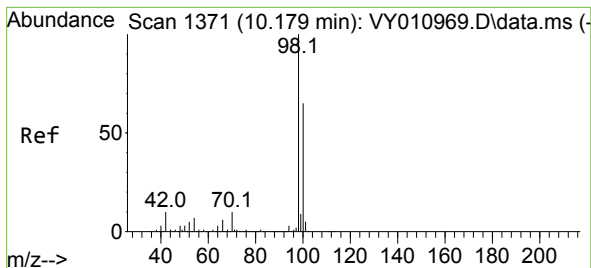
Ion Ratio Lower Upper

117 100

119 4.7 77.9 116.9#

121 0.0 24.8 37.2#

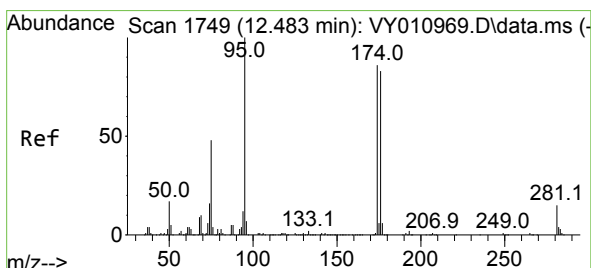
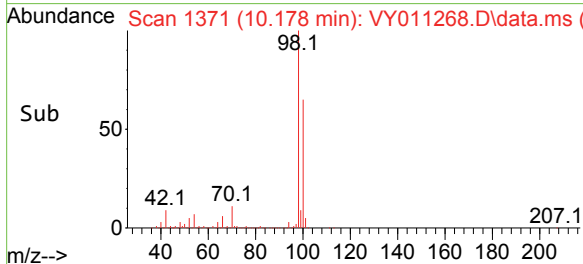
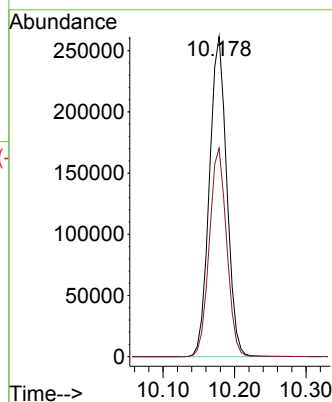
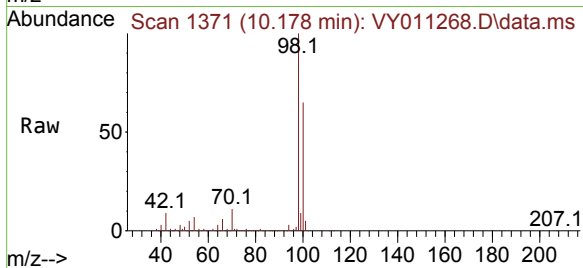




#50
Toluene-d8
Concen: 48.520 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011268.D
Acq: 02 Nov 2022 17:20

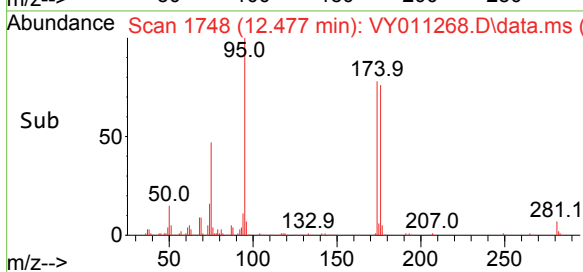
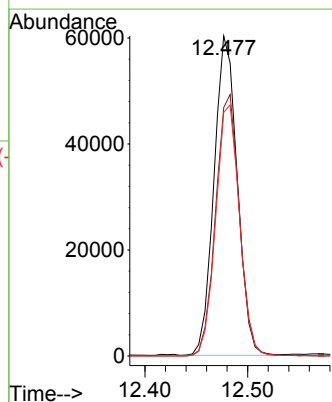
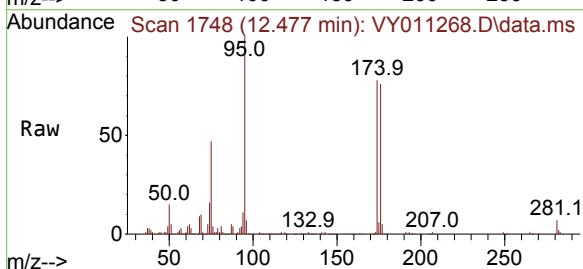
Instrument :
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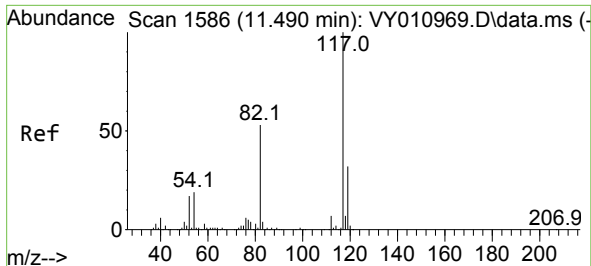
Tgt Ion: 98 Resp: 439865
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 29.993 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011268.D
Acq: 02 Nov 2022 17:20

Tgt Ion: 95 Resp: 94395
Ion Ratio Lower Upper
95 100
174 83.7 0.0 177.0
176 80.3 0.0 175.8

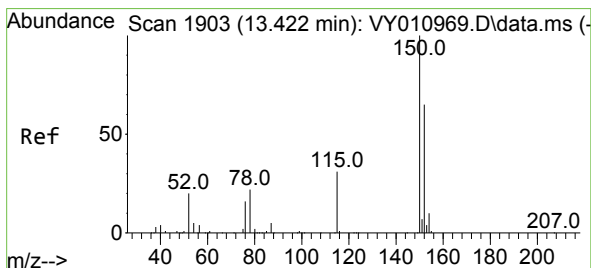
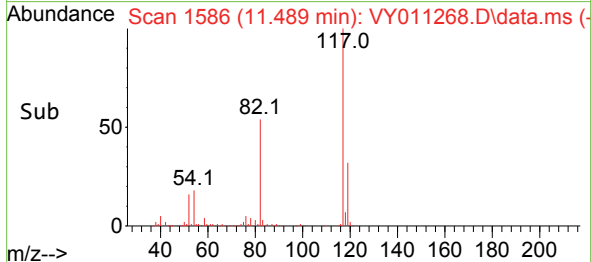
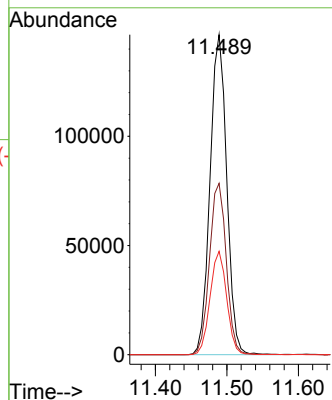
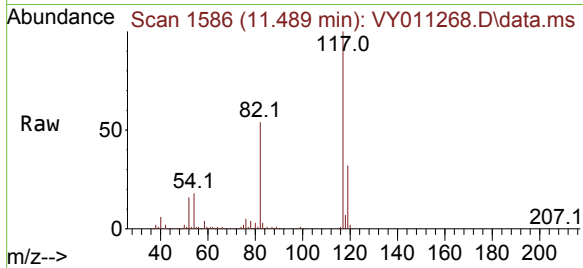




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011268.D
Acq: 02 Nov 2022 17:20

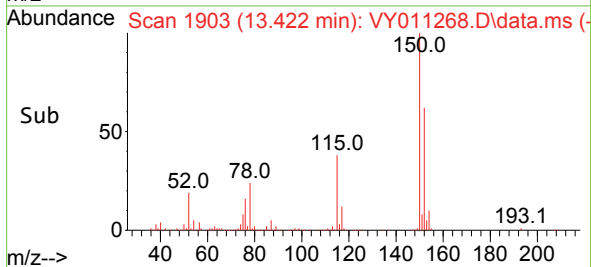
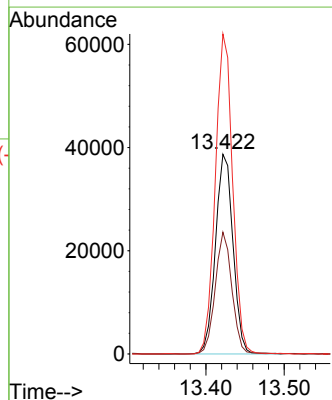
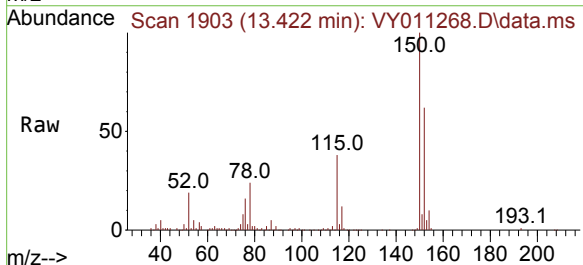
Instrument :
MSVOA_Y
ClientSampleId :
S-9-103122

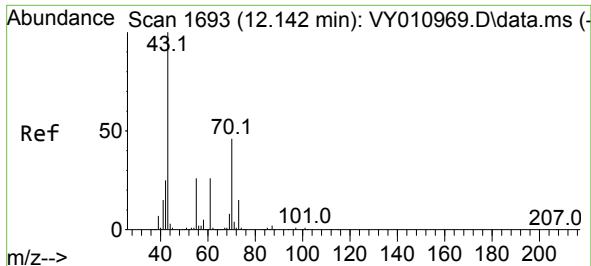
Tgt Ion:117 Resp: 237668
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011268.D
Acq: 02 Nov 2022 17:20

Tgt Ion:152 Resp: 60438
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 157.5 0.0 347.6

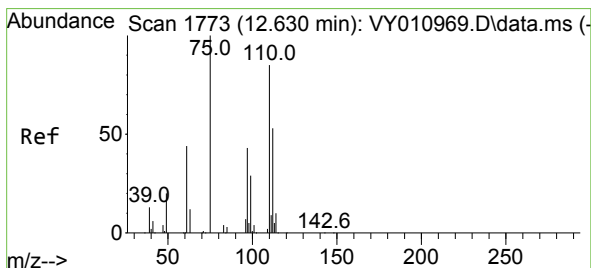
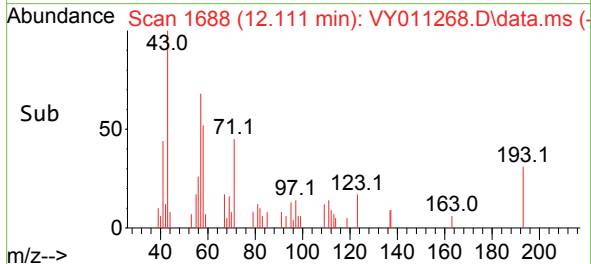
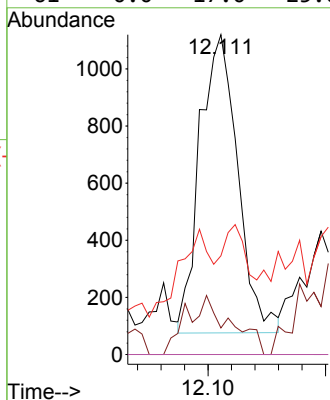
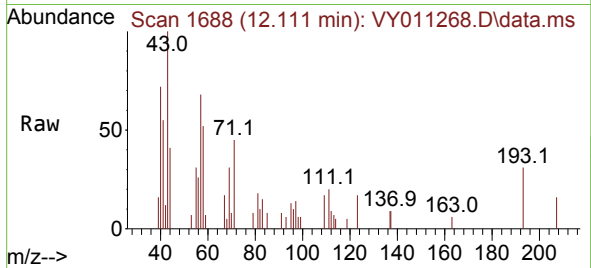




#74
N-amy1 acetate
Concen: 2.064 ug/l
RT: 12.111 min Scan# 1
Delta R.T. -0.031 min
Lab File: VY011268.D
Acq: 02 Nov 2022 17:20

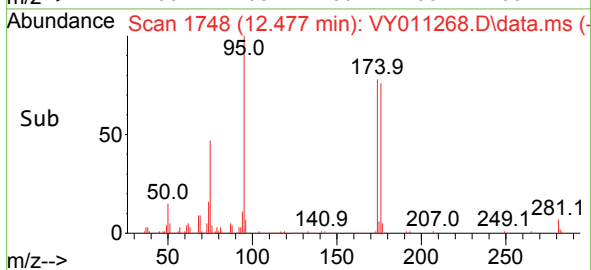
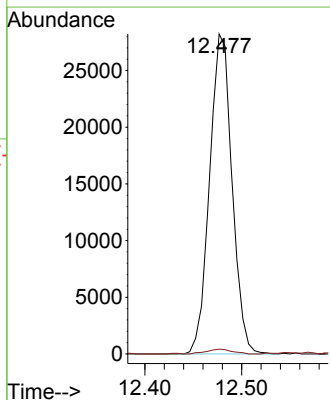
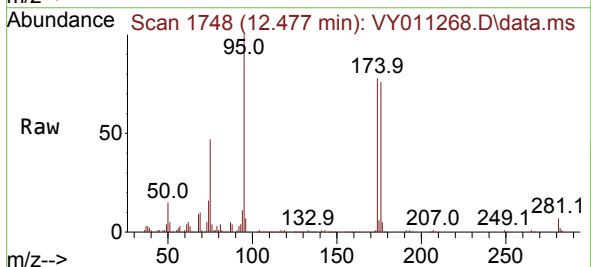
Instrument :
MSVOA_Y
ClientSampleId :
S-9-103122

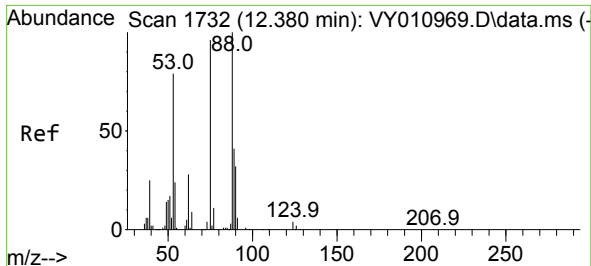
Tgt Ion: 43 Resp: 2341
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 16.4 17.3 25.9#
61 0.0 17.0 25.6#



#76
1,2,3-Trichloropropane
Concen: 61.865 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011268.D
Acq: 02 Nov 2022 17:20

Tgt Ion: 75 Resp: 45519
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#

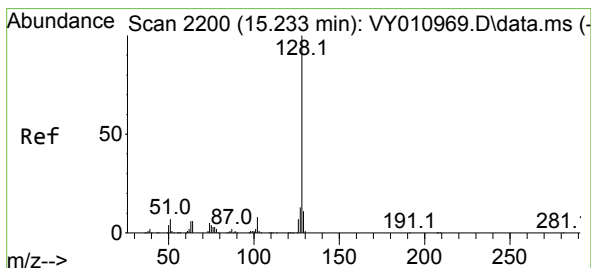
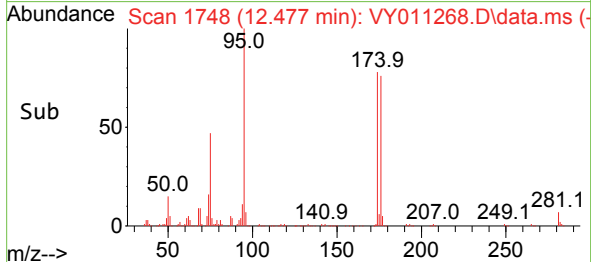
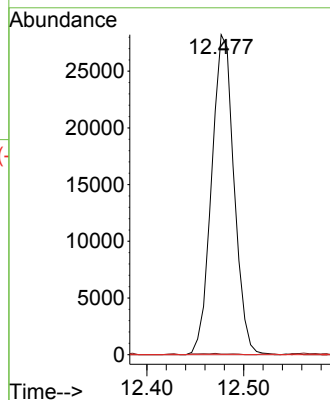
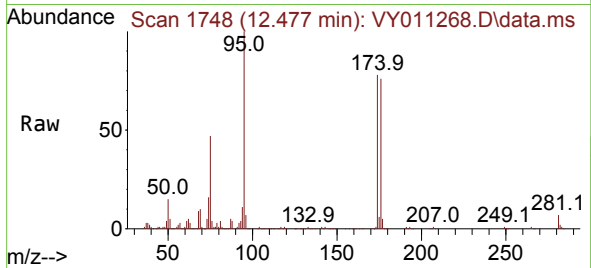




#81
trans-1,4-Dichloro-2-butene
Concen: 132.399 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011268.D
Acq: 02 Nov 2022 17:20

Instrument :
MSVOA_Y
ClientSampleId :
S-9-103122

Tgt Ion: 75 Resp: 45519
Ion Ratio Lower Upper
75 100
53 0.5 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.130 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. 0.005 min
Lab File: VY011268.D
Acq: 02 Nov 2022 17:20

Tgt Ion: 128 Resp: 470
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

