

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016210.D
 Acq On : 03 Nov 2023 13:13
 Operator : SY/MD
 Sample : 05234-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 03 23:01:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

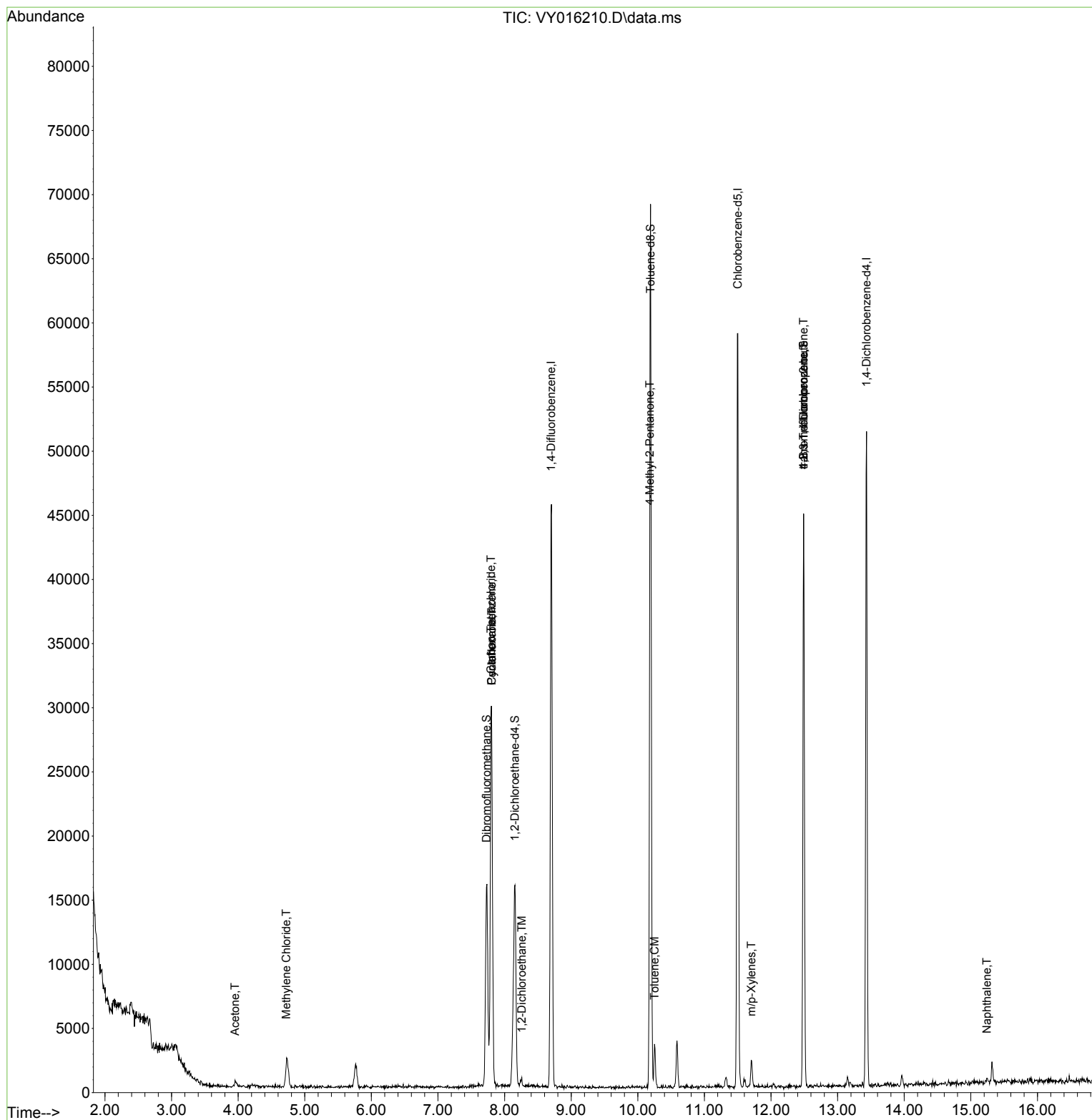
Internal Standards						
1) Pentafluorobenzene	7.807	168	24257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	40049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	33834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	13399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	11695	51.524	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.040%	
35) Dibromofluoromethane	7.728	113	11555	48.396	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.800%	
50) Toluene-d8	10.191	98	45394	47.953	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.900%	
62) 4-Bromofluorobenzene	12.489	95	13241	40.905	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.820%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	876	5.518	ug/l #	72
20) Methylene Chloride	4.722	84	1866	5.364	ug/l #	71
31) Cyclohexane	7.807	56	472	1.353	ug/l #	24
38) Carbon Tetrachloride	7.795	117	2346	6.868	ug/l #	19
42) 1,2-Dichloroethane	8.258	62	604	2.187	ug/l	87
51) 4-Methyl-2-Pentanone	10.179	43	162	1.069	ug/l #	1
52) Toluene	10.252	92	1426	2.223	ug/l	92
68) m/p-Xylenes	11.703	106	743	1.599	ug/l	86
76) 1,2,3-Trichloropropane	12.489	75	6725	53.297	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	6725	115.560	ug/l #	10
95) Naphthalene	15.239	128	600	1.287	ug/l #	69

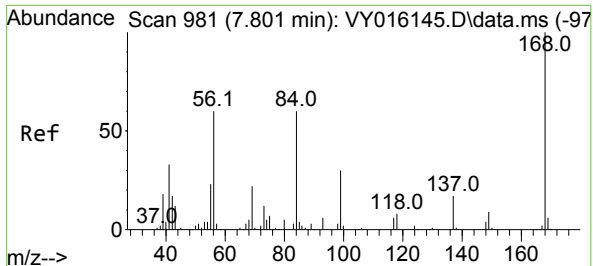
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
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Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 03 23:01:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

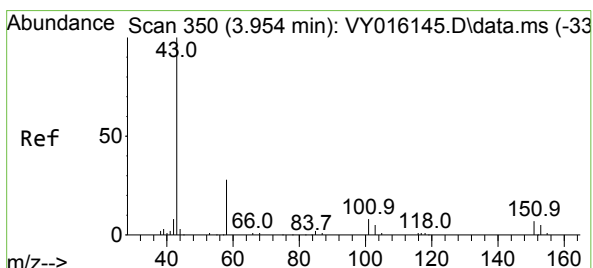
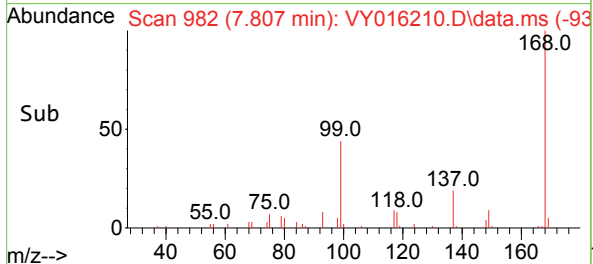
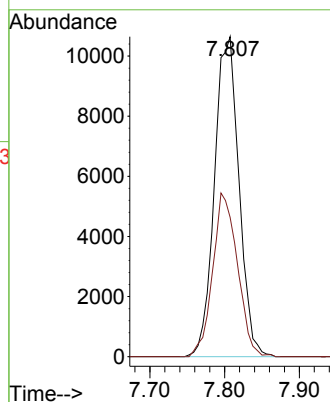
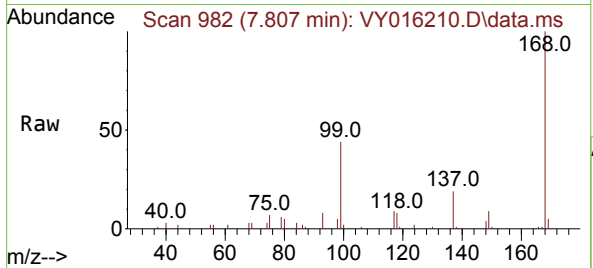




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016210.D
Acq: 03 Nov 2023 13:13

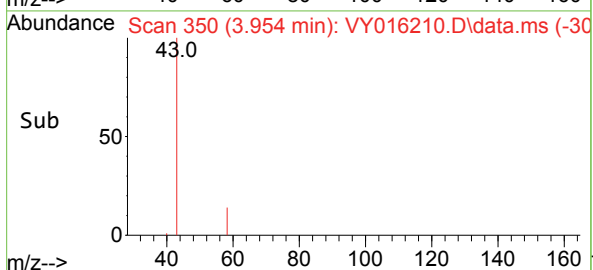
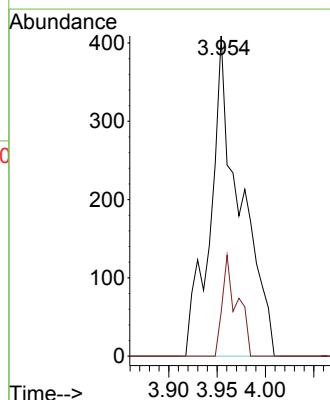
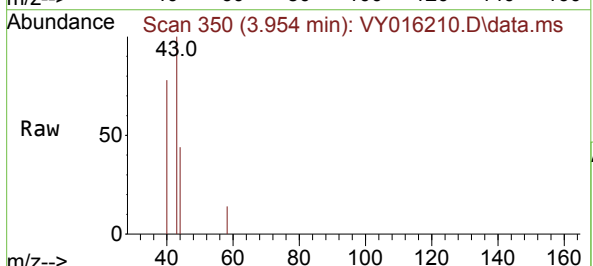
Instrument :
MSVOA_Y
ClientSampleId :

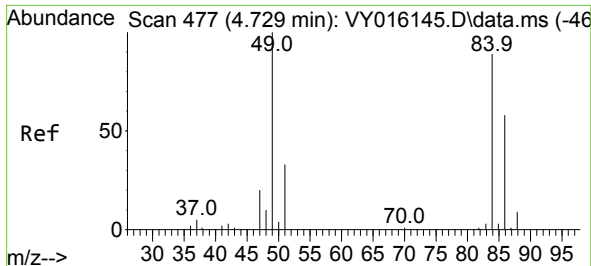
Tgt Ion:168 Resp: 24257
Ion Ratio Lower Upper
168 100
99 43.5 43.4 65.0



#16
Acetone
Concen: 5.518 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY016210.D
Acq: 03 Nov 2023 13:13

Tgt Ion: 43 Resp: 876
Ion Ratio Lower Upper
43 100
58 13.7 22.7 34.1#





#20

Methylene Chloride

Concen: 5.364 ug/l

RT: 4.722 min Scan# 41

Delta R.T. -0.007 min

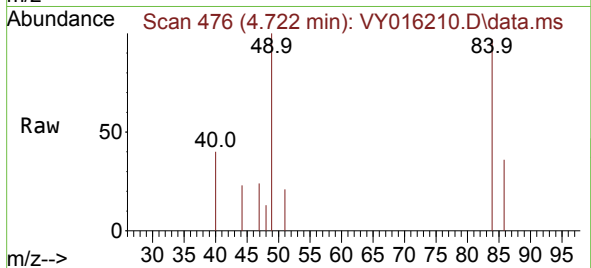
Lab File: VY016210.D

Acq: 03 Nov 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 1866

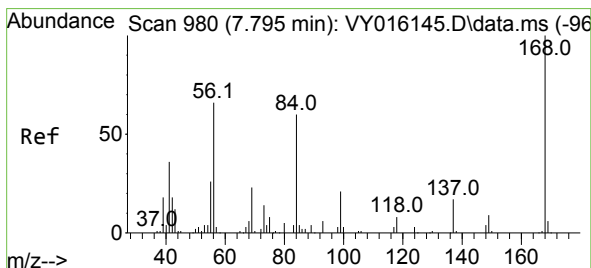
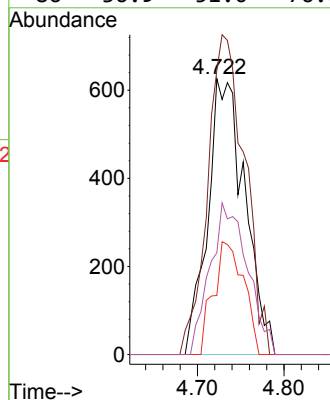
Ion Ratio Lower Upper

84 100

49 103.0 106.9 160.3#

51 21.4 33.2 49.8#

86 36.9 51.0 76.6#



#31

Cyclohexane

Concen: 1.353 ug/l

RT: 7.807 min Scan# 982

Delta R.T. 0.012 min

Lab File: VY016210.D

Acq: 03 Nov 2023 13:13

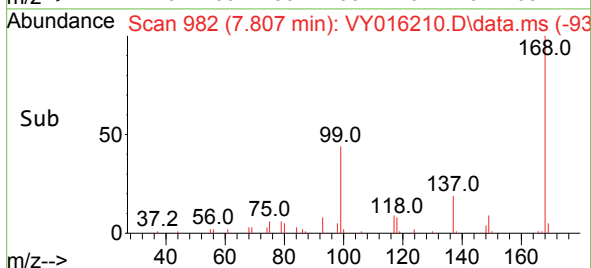
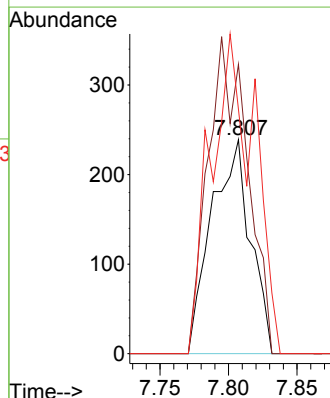
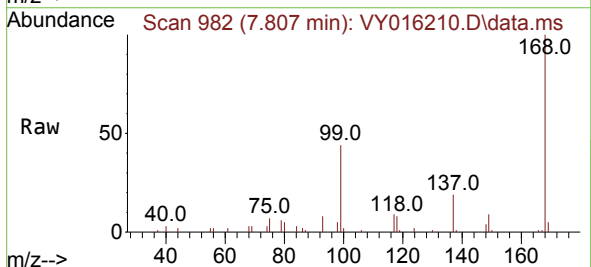
Tgt Ion: 56 Resp: 472

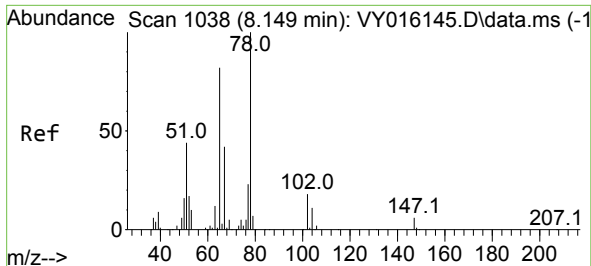
Ion Ratio Lower Upper

56 100

69 135.1 27.8 41.6#

84 114.2 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 51.524 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY016210.D

Acq: 03 Nov 2023 13:13

Instrument :

MSVOA_Y

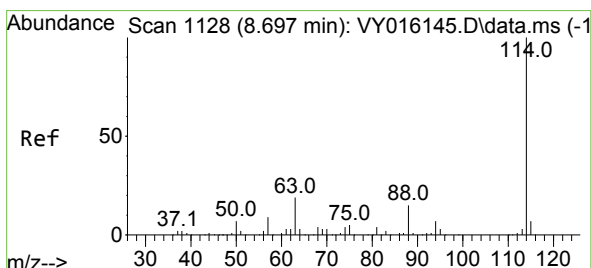
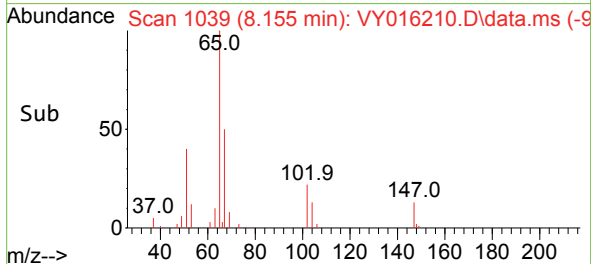
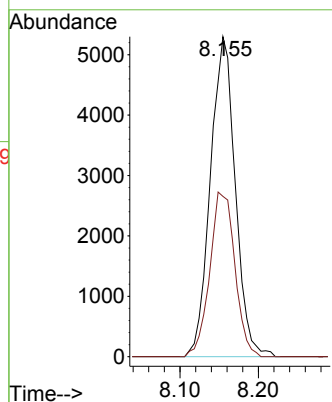
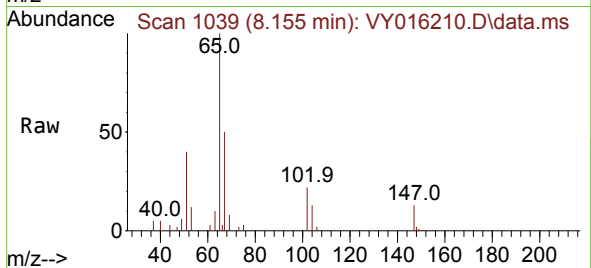
ClientSampleId :

Tgt Ion: 65 Resp: 11695

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016210.D

Acq: 03 Nov 2023 13:13

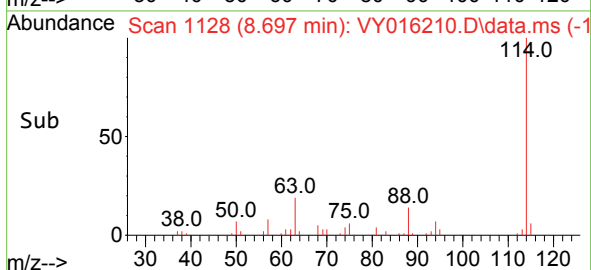
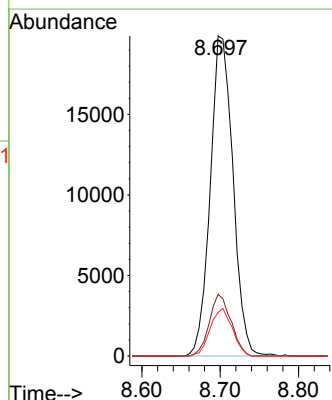
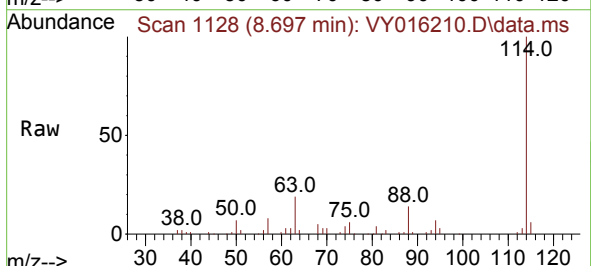
Tgt Ion: 114 Resp: 40049

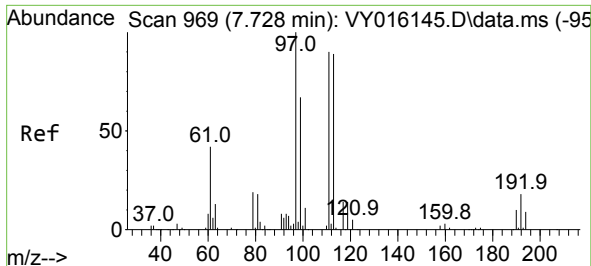
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

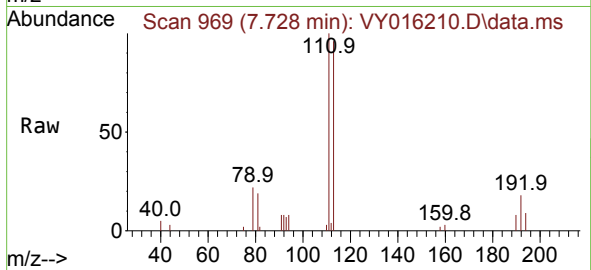
88 13.6 0.0 30.6



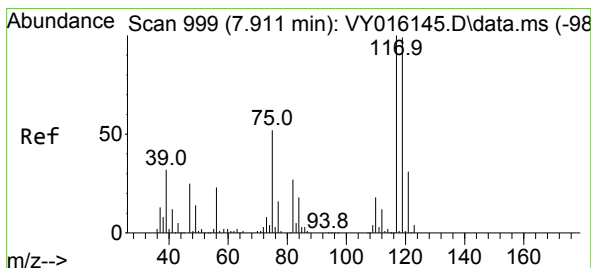
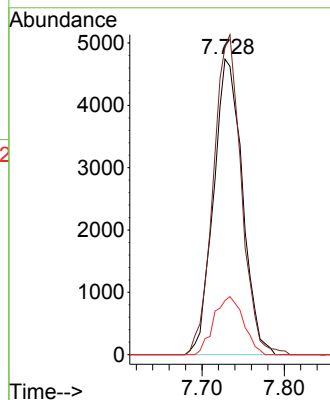
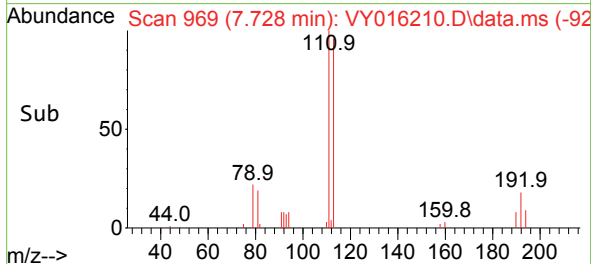


#35
Dibromofluoromethane
Concen: 48.396 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY016210.D
Acq: 03 Nov 2023 13:13

Instrument :
MSVOA_Y
ClientSampleId :

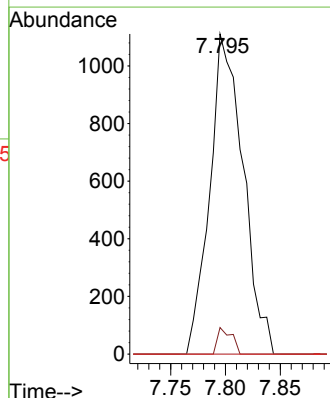
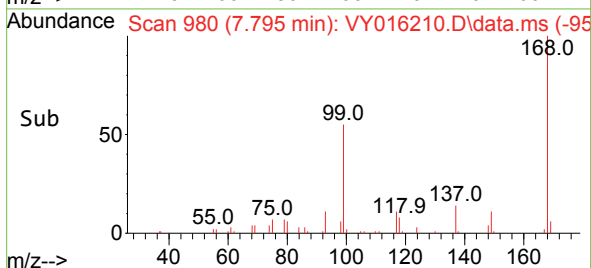
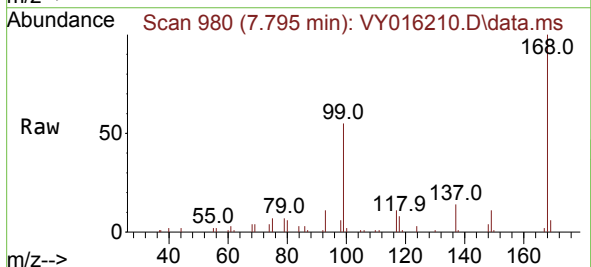


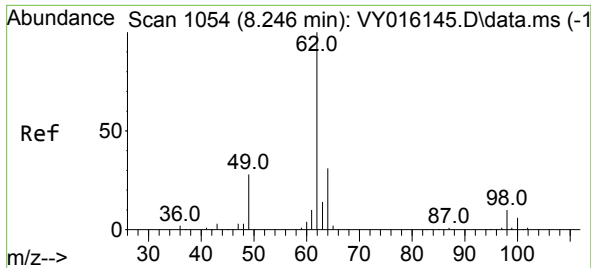
Tgt Ion:113 Resp: 11555
Ion Ratio Lower Upper
113 100
111 105.0 81.3 121.9
192 20.1 16.9 25.3



#38
Carbon Tetrachloride
Concen: 6.868 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY016210.D
Acq: 03 Nov 2023 13:13

Tgt Ion:117 Resp: 2346
Ion Ratio Lower Upper
117 100
119 8.3 76.4 114.6#
121 0.0 25.8 38.6#





#42

1,2-Dichloroethane

Concen: 2.187 ug/l

RT: 8.258 min Scan# 1056

Delta R.T. 0.012 min

Lab File: VY016210.D

Acq: 03 Nov 2023 13:13

Instrument :

MSVOA_Y

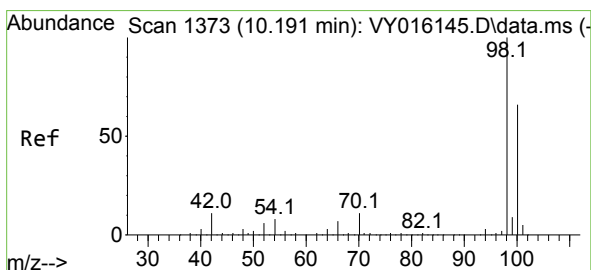
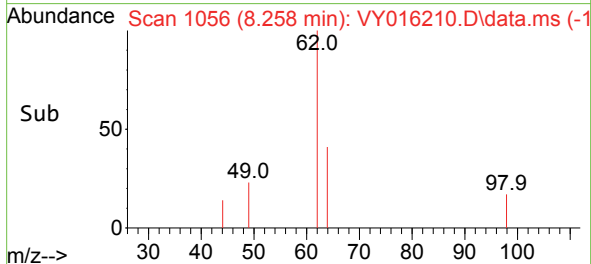
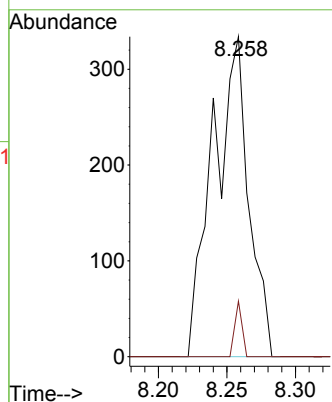
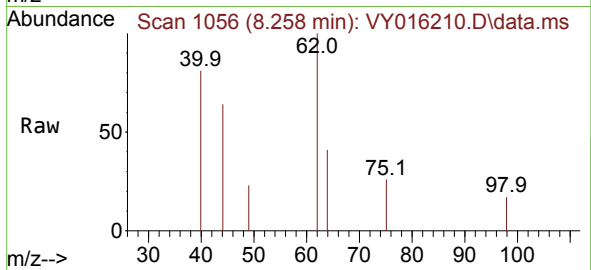
ClientSampleId :

Tgt Ion: 62 Resp: 604

Ion Ratio Lower Upper

62 100

98 3.5 0.0 15.8



#50

Toluene-d8

Concen: 47.953 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016210.D

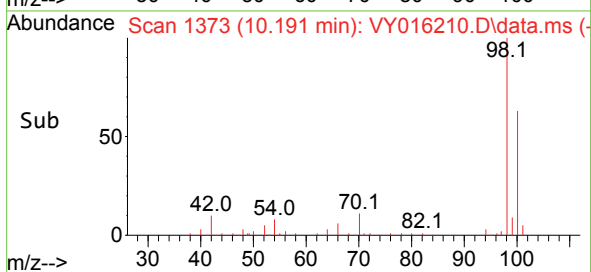
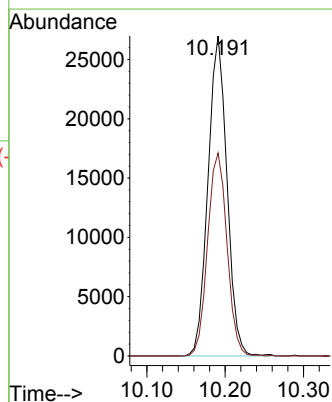
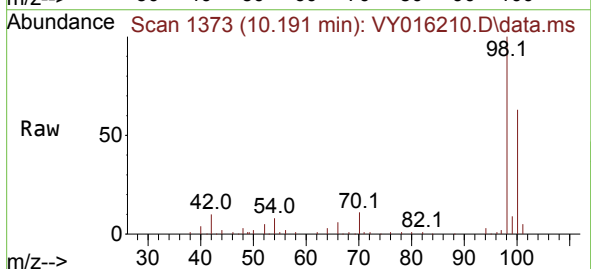
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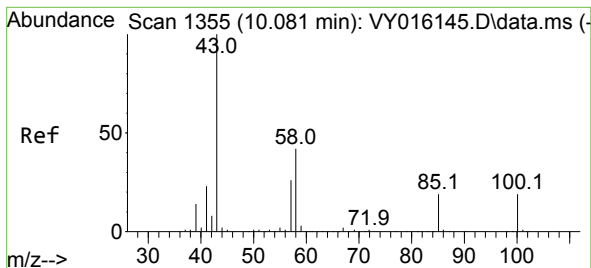
Tgt Ion: 98 Resp: 45394

Ion Ratio Lower Upper

98 100

100 64.7 50.1 75.1

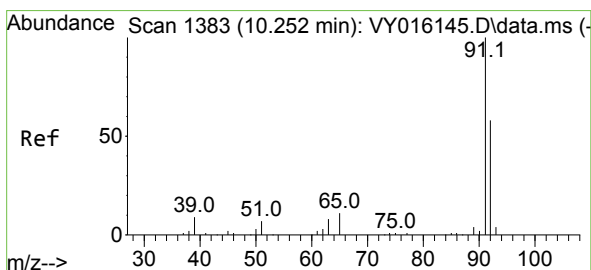
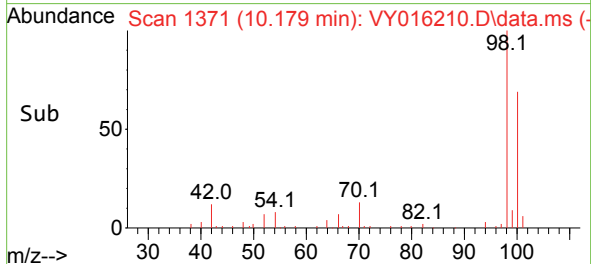
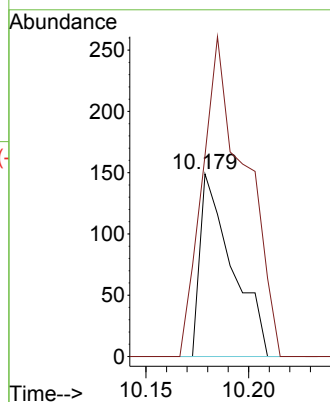
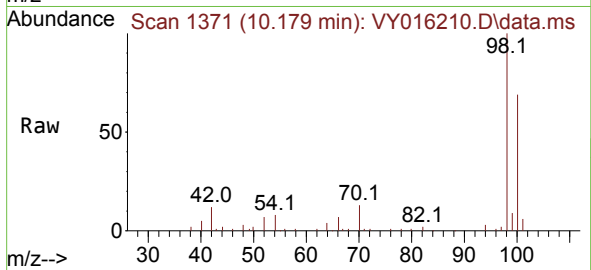




#51
4-Methyl-2-Pentanone
Concen: 1.069 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.097 min
Lab File: VY016210.D
Acq: 03 Nov 2023 13:13

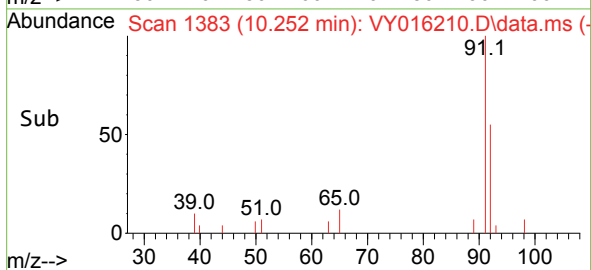
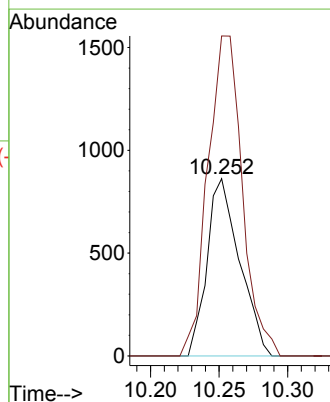
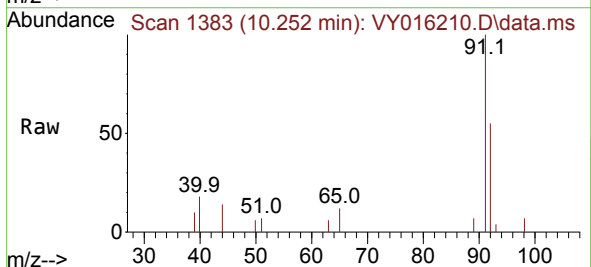
Instrument :
MSVOA_Y
ClientSampleId :

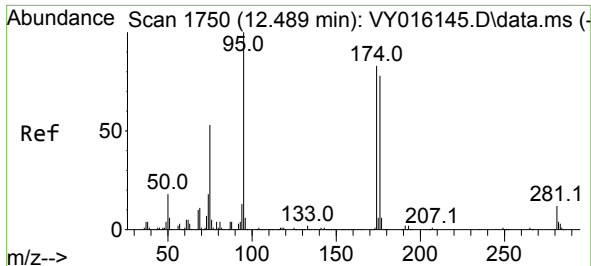
Tgt Ion: 43 Resp: 162
Ion Ratio Lower Upper
43 100
58 234.6 29.0 43.6#



#52
Toluene
Concen: 2.223 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016210.D
Acq: 03 Nov 2023 13:13

Tgt Ion: 92 Resp: 1426
Ion Ratio Lower Upper
92 100
91 190.9 143.8 215.6

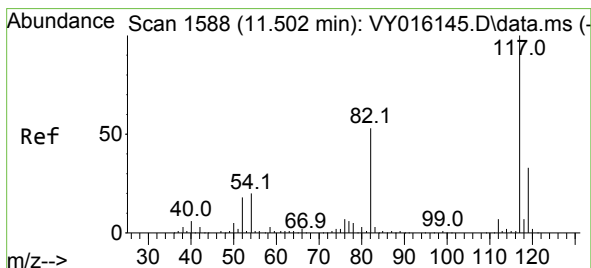
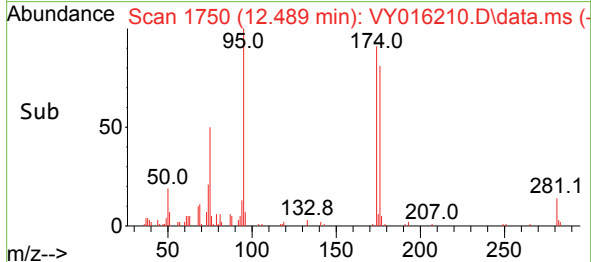
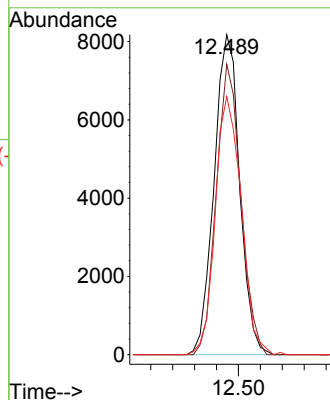
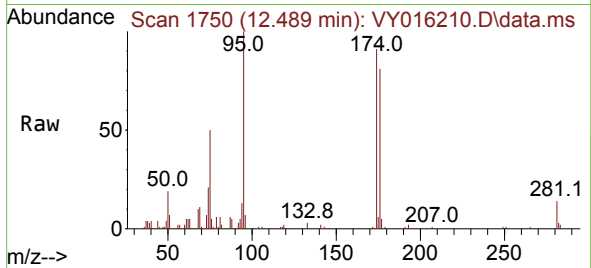




#62
4-Bromofluorobenzene
Concen: 40.905 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016210.D
Acq: 03 Nov 2023 13:13

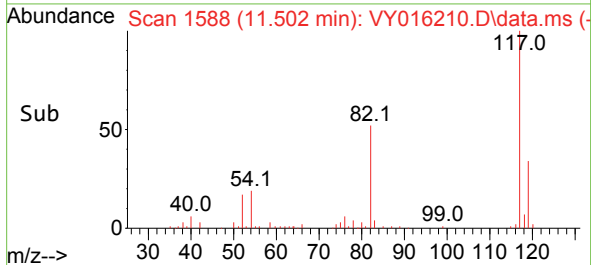
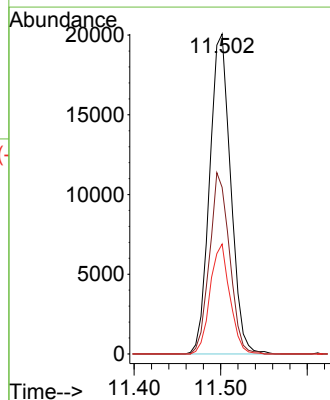
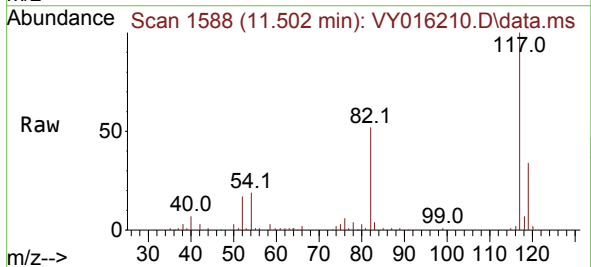
Instrument :
MSVOA_Y
ClientSampleId :

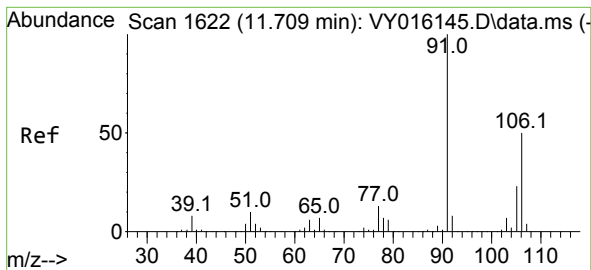
Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.1	0.0	178.2
176	82.5	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016210.D
Acq: 03 Nov 2023 13:13

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.0	43.4	65.0
119	34.3	26.3	39.5

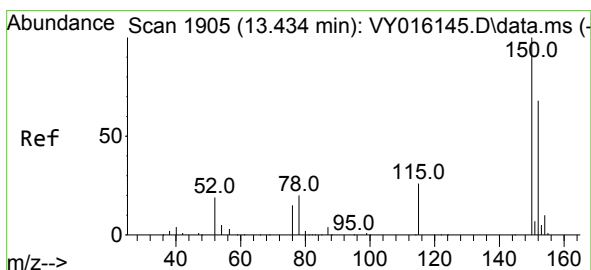
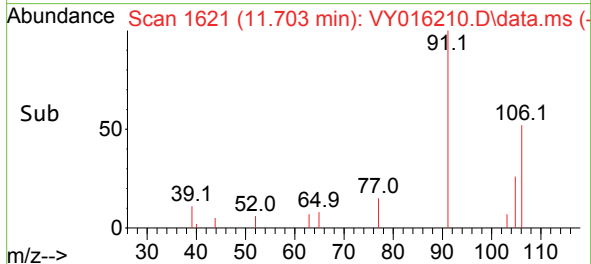
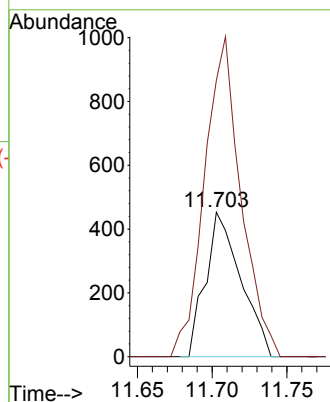
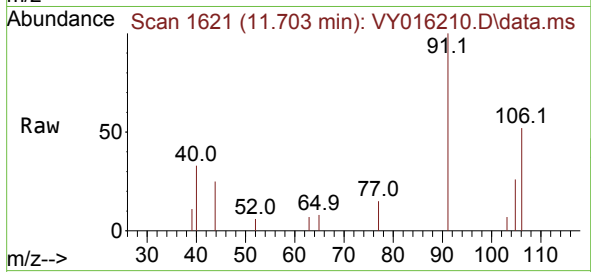




#68
m/p-Xylenes
Concen: 1.599 ug/l
RT: 11.703 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY016210.D
Acq: 03 Nov 2023 13:13

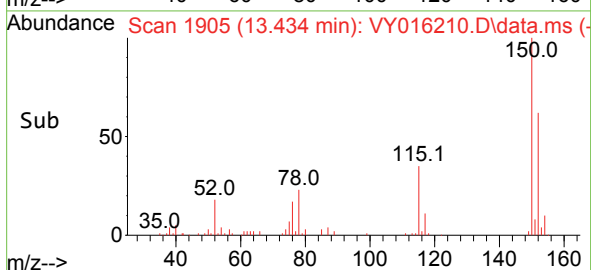
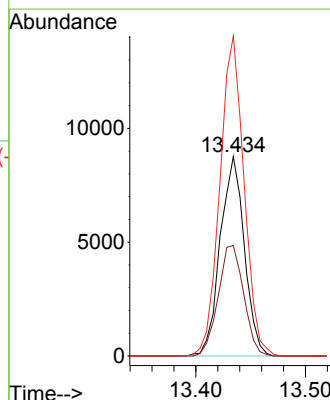
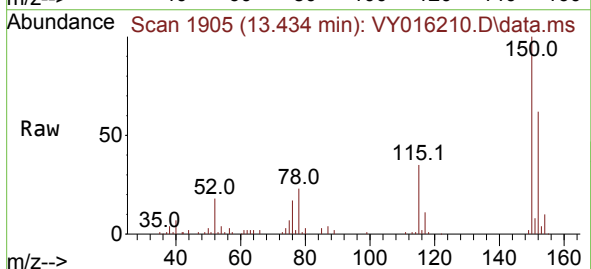
Instrument :
MSVOA_Y
ClientSampleId :

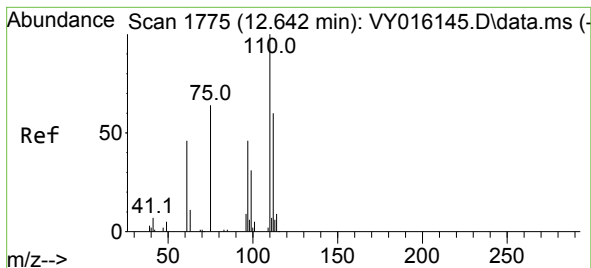
Tgt Ion:106 Resp: 743
Ion Ratio Lower Upper
106 100
91 228.5 166.1 249.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016210.D
Acq: 03 Nov 2023 13:13

Tgt Ion:152 Resp: 13399
Ion Ratio Lower Upper
152 100
115 58.5 28.8 86.5
150 160.5 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 53.297 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY016210.D

Acq: 03 Nov 2023 13:13

Instrument :

MSVOA_Y

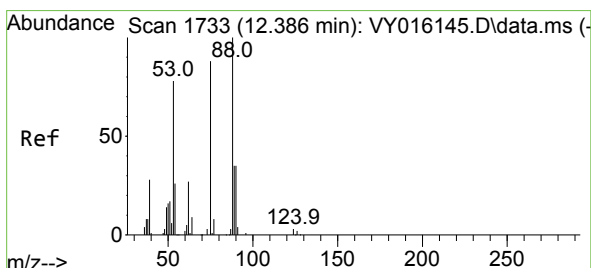
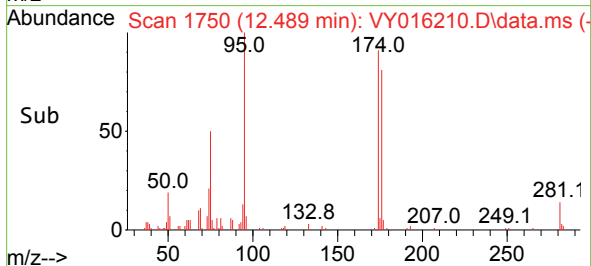
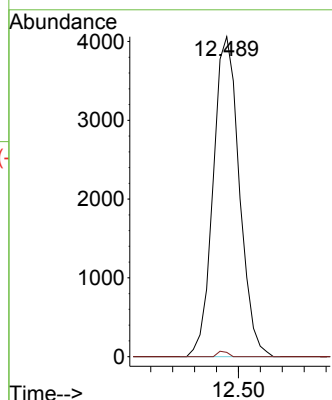
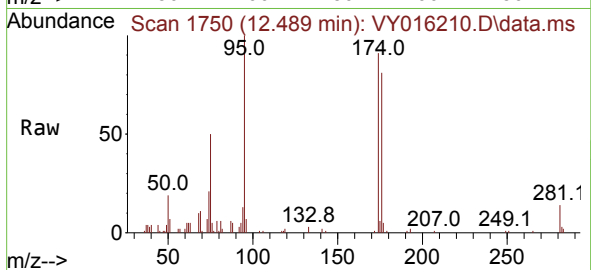
ClientSampleId :

Tgt Ion: 75 Resp: 6725

Ion Ratio Lower Upper

75 100

77 0.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 115.560 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY016210.D

Acq: 03 Nov 2023 13:13

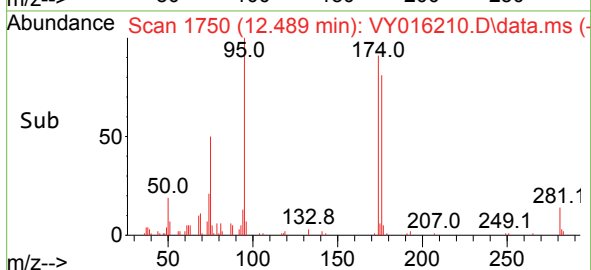
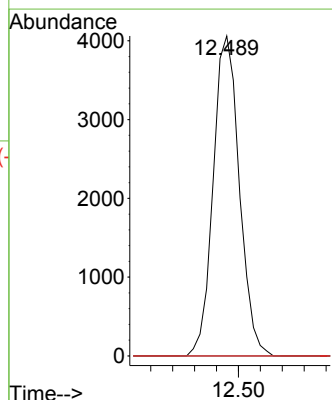
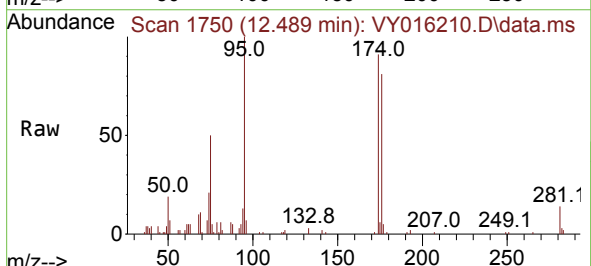
Tgt Ion: 75 Resp: 6725

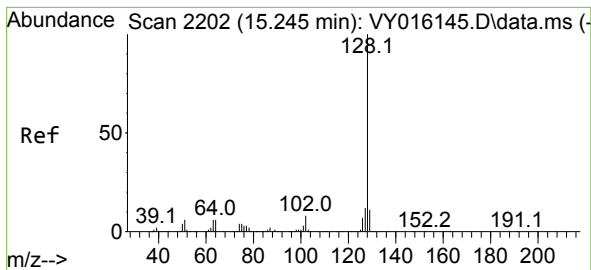
Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#





#95

Naphthalene

Concen: 1.287 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

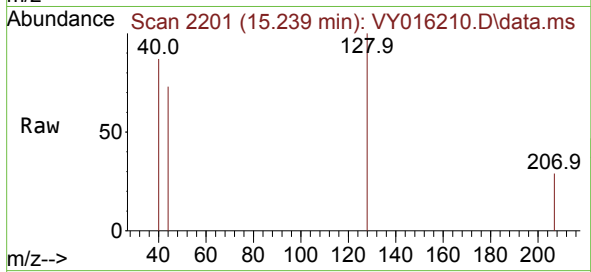
Lab File: VY016210.D

Acq: 03 Nov 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 600

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 0.0 8.6 13.0#

