

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009775.D
 Acq On : 29 Jul 2022 16:16
 Operator : KP/MD
 Sample : N3923-01RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-072722RE

Quant Time: Aug 01 01:14:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

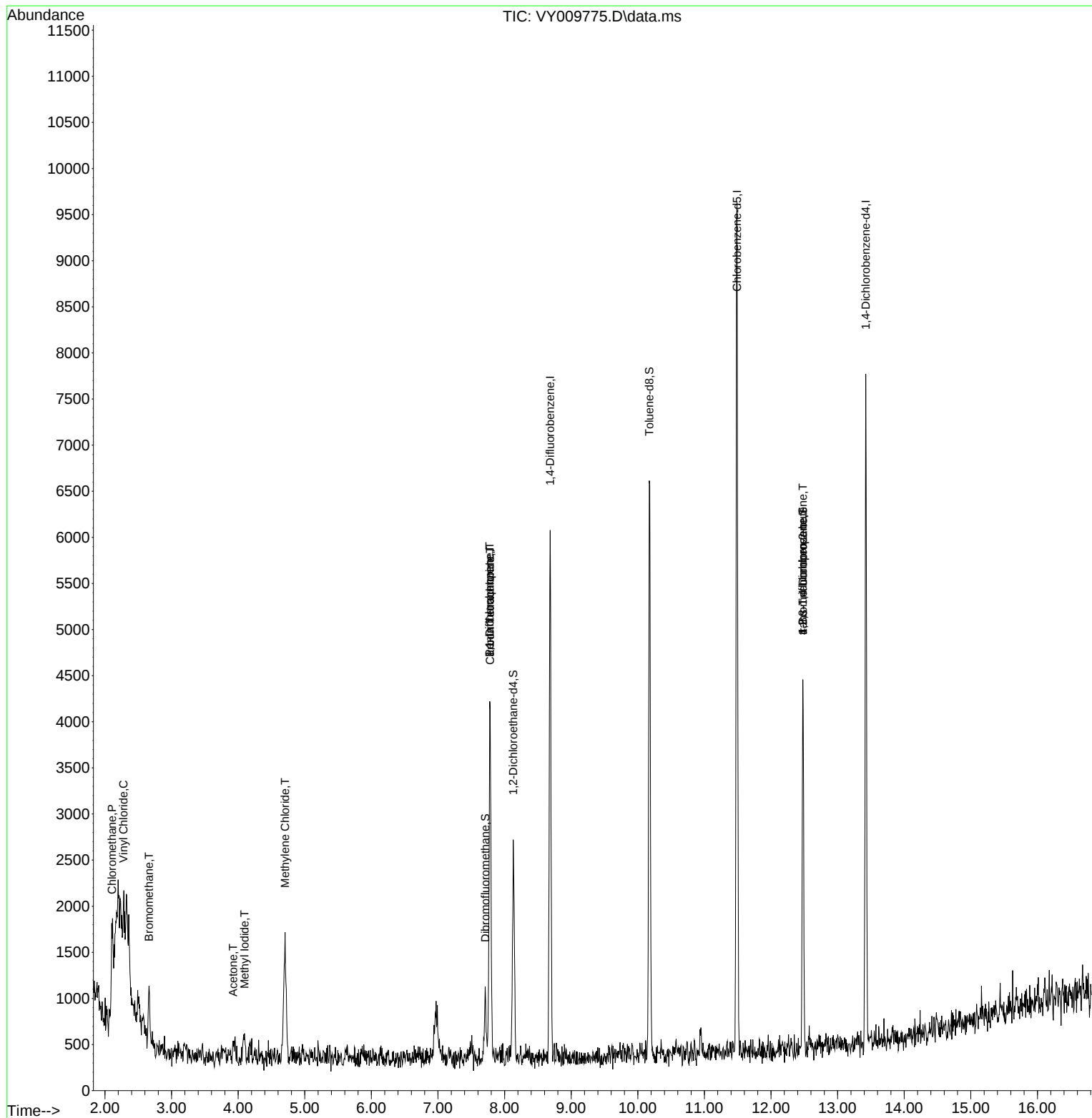
Internal Standards						
1) Pentafluorobenzene	7.777	168	3422	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	5374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	5812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1726	78.746	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 157.500%	
35) Dibromofluoromethane	7.710	113	510	17.449	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 34.900%#	
50) Toluene-d8	10.173	98	4787	56.815	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 113.640%	
62) 4-Bromofluorobenzene	12.477	95	1305	33.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 67.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	295	7.909	ug/l	96
4) Vinyl Chloride	2.278	62	91	2.186	ug/l	# 43
5) Bromomethane	2.662	94	285	9.876	ug/l	85
10) Methyl Iodide	4.094	142	436	10.807	ug/l	# 62
16) Acetone	3.924	43	224	27.378	ug/l	# 47
20) Methylene Chloride	4.704	84	1034	20.639	ug/l	# 90
36) 1,1-Dichloropropene	7.777	75	274	5.761	ug/l	# 42
38) Carbon Tetrachloride	7.783	117	223	4.376	ug/l	# 11
76) 1,2,3-Trichloropropane	12.477	75	691	31.049	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	691	61.889	ug/l	# 7

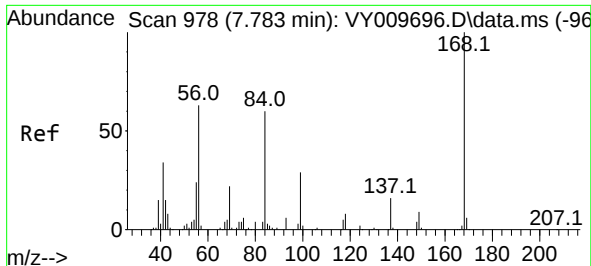
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
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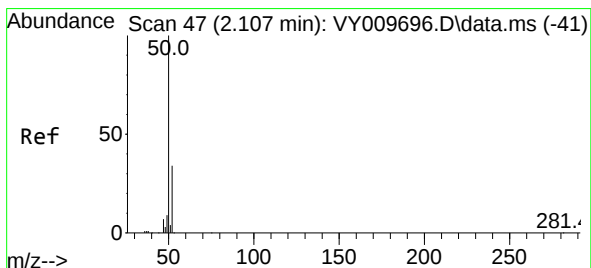
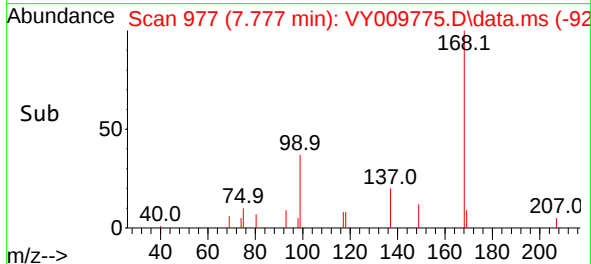
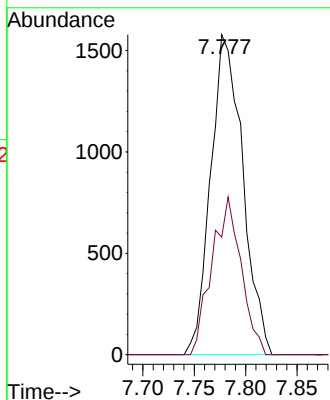
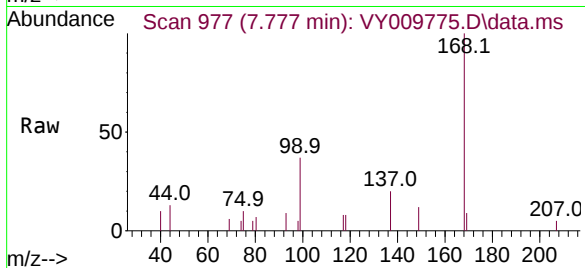




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009775.D
Acq: 29 Jul 2022 16:16

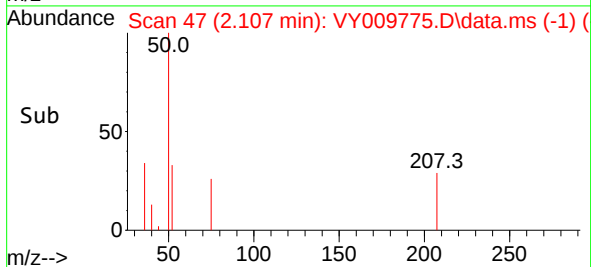
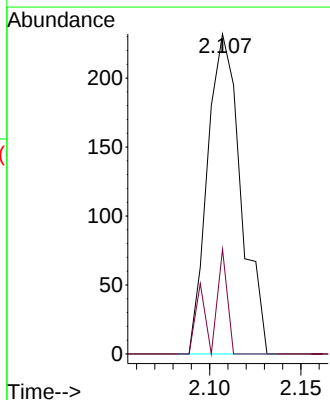
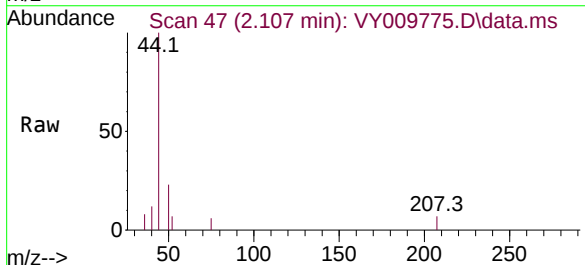
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-072722RE

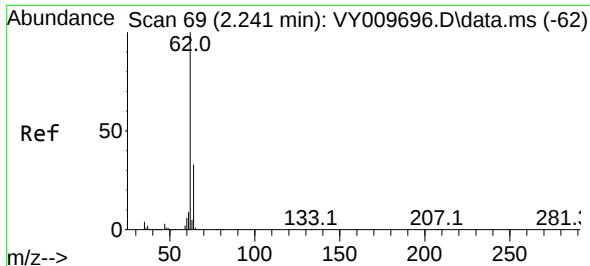
Tgt Ion:168 Resp: 3422
Ion Ratio Lower Upper
168 100
99 36.8 46.9 70.3#



#3
Chloromethane
Concen: 7.909 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY009775.D
Acq: 29 Jul 2022 16:16

Tgt Ion: 50 Resp: 295
Ion Ratio Lower Upper
50 100
52 32.8 24.6 37.0

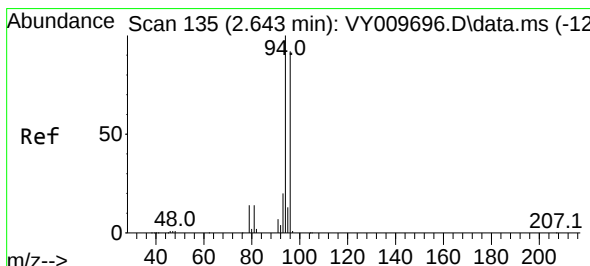
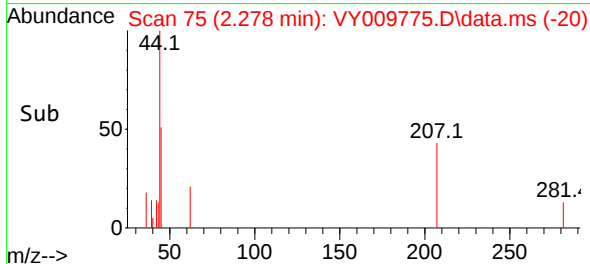
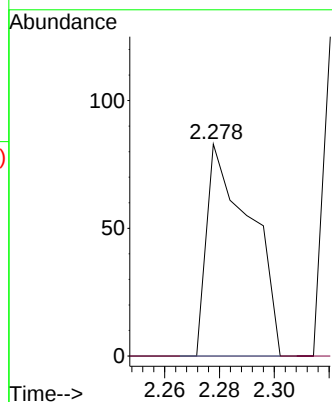
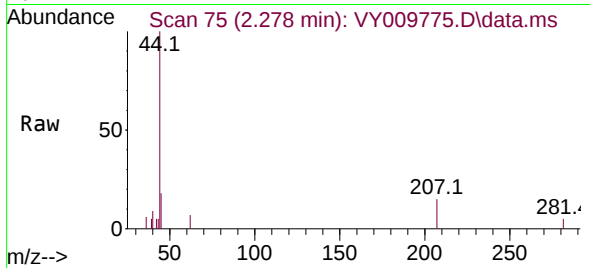




#4
 Vinyl Chloride
 Concen: 2.186 ug/l
 RT: 2.278 min Scan# 71
 Delta R.T. 0.037 min
 Lab File: VY009775.D
 Acq: 29 Jul 2022 16:16

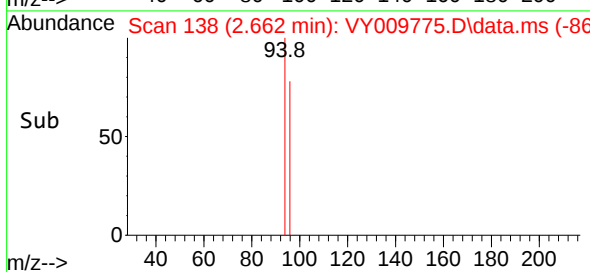
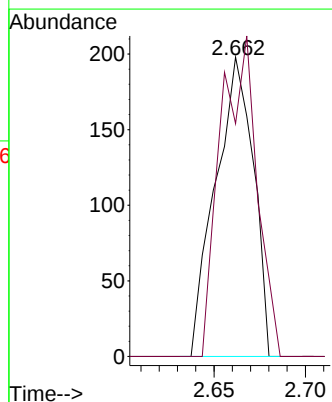
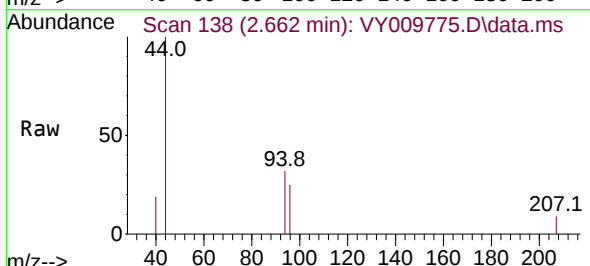
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-072722RE

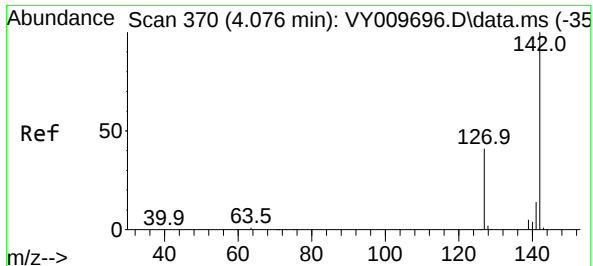
Tgt Ion: 62 Resp: 91
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: 9.876 ug/l
 RT: 2.662 min Scan# 138
 Delta R.T. 0.019 min
 Lab File: VY009775.D
 Acq: 29 Jul 2022 16:16

Tgt Ion: 94 Resp: 285
 Ion Ratio Lower Upper
 94 100
 96 77.8 73.5 110.3

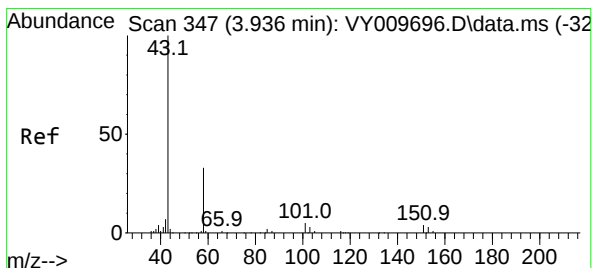
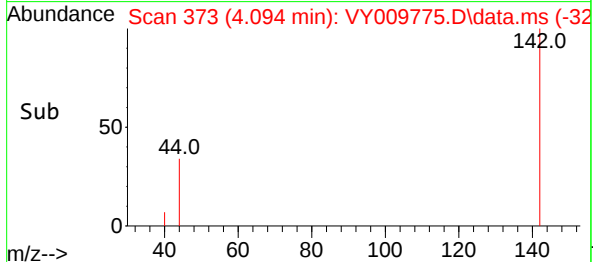
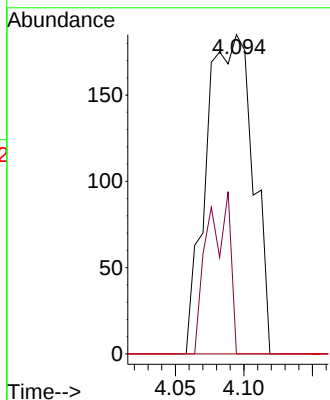
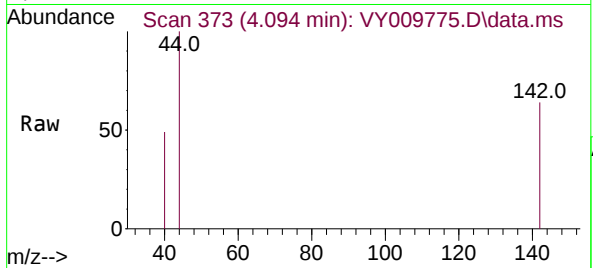




#10
Methyl Iodide
Concen: 10.807 ug/l
RT: 4.094 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY009775.D
Acq: 29 Jul 2022 16:16

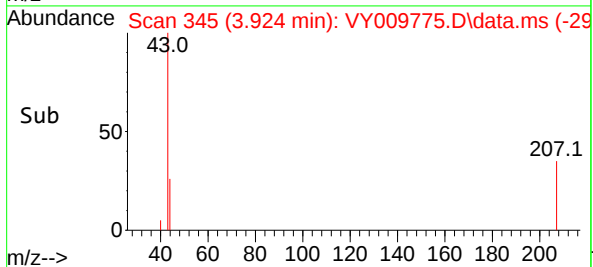
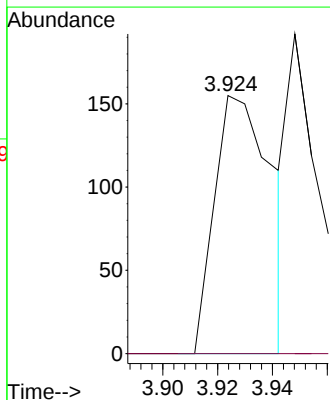
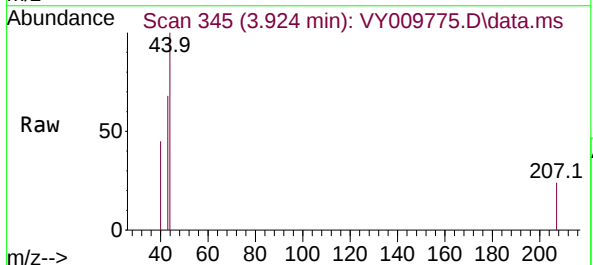
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-072722RE

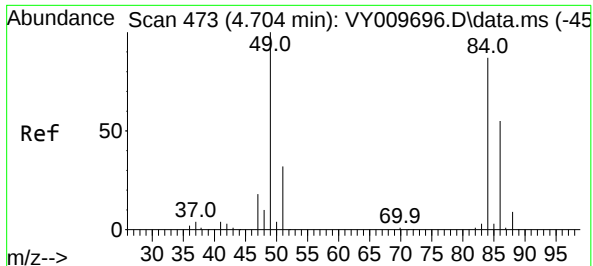
Tgt Ion:142 Resp: 436
Ion Ratio Lower Upper
142 100
127 24.5 41.5 62.3#
141 0.0 11.9 17.9#



#16
Acetone
Concen: 27.378 ug/l
RT: 3.924 min Scan# 345
Delta R.T. -0.012 min
Lab File: VY009775.D
Acq: 29 Jul 2022 16:16

Tgt Ion: 43 Resp: 224
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





#20

Methylene Chloride

Concen: 20.639 ug/l

RT: 4.704 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY009775.D

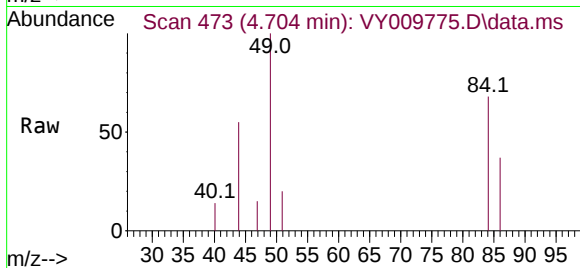
Acq: 29 Jul 2022 16:16

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-072722RE



Tgt Ion: 84 Resp: 1034

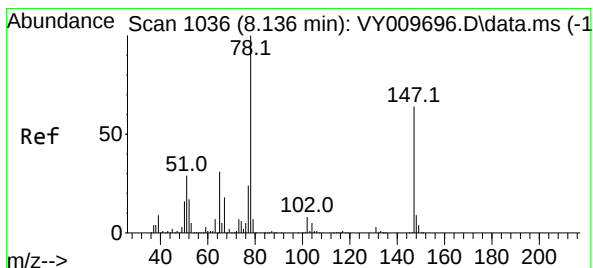
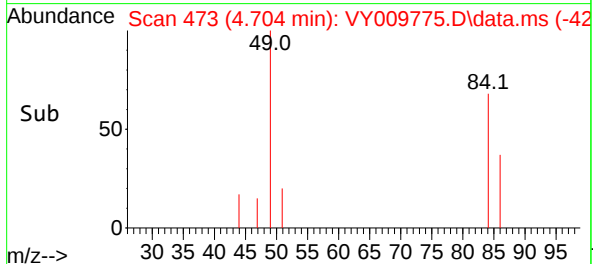
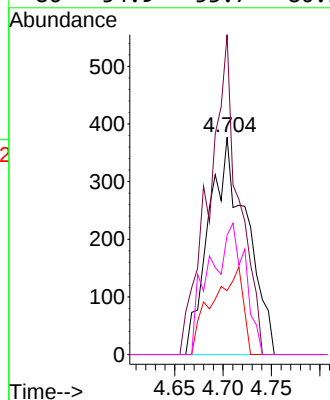
Ion Ratio Lower Upper

84 100

49 147.2 114.4 171.6

51 29.4 35.3 52.9#

86 54.9 53.7 80.5



#33

1,2-Dichloroethane-d4

Concen: 78.746 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY009775.D

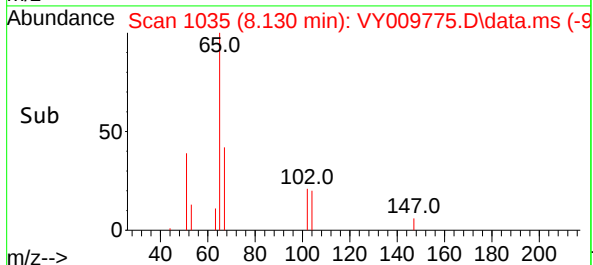
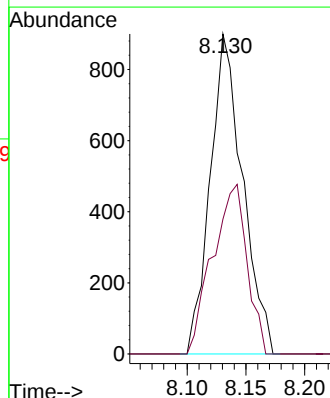
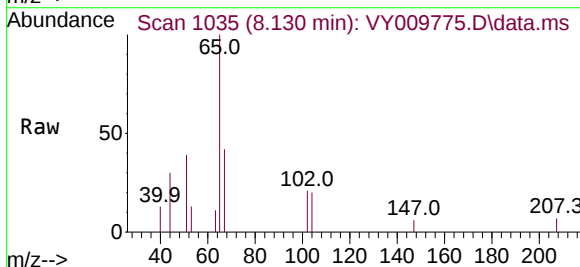
Acq: 29 Jul 2022 16:16

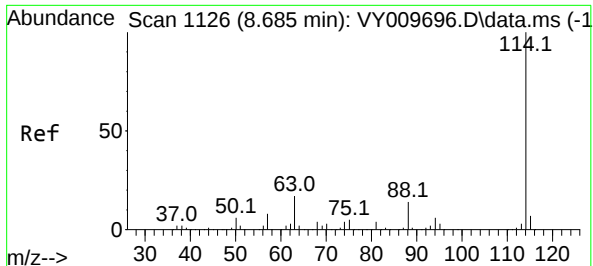
Tgt Ion: 65 Resp: 1726

Ion Ratio Lower Upper

65 100

67 56.4 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: VY009775.D

Acq: 29 Jul 2022 16:16

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-072722RE

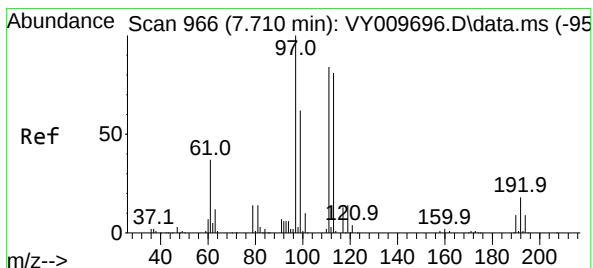
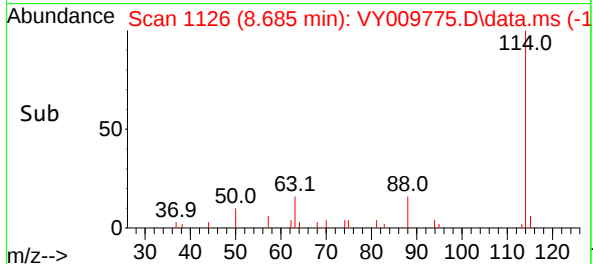
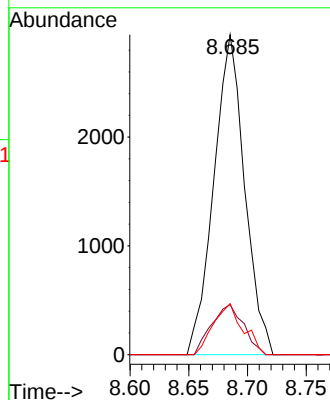
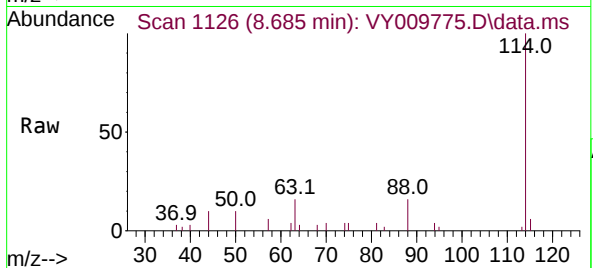
Tgt Ion:114 Resp: 5374

Ion Ratio Lower Upper

114 100

63 15.7 0.0 43.2

88 15.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 17.449 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009775.D

Acq: 29 Jul 2022 16:16

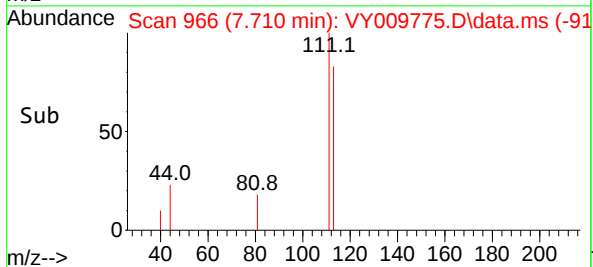
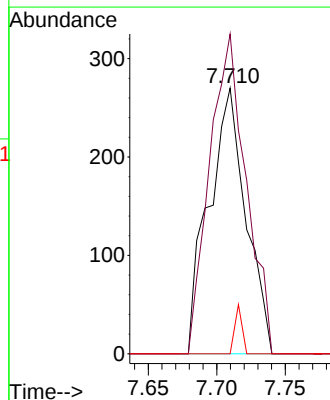
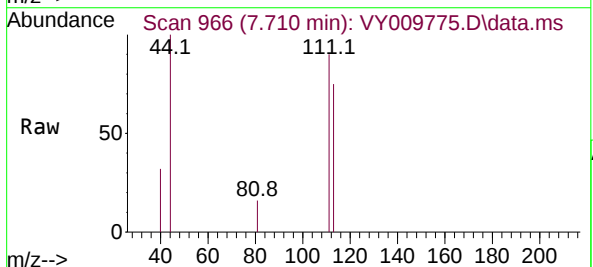
Tgt Ion:113 Resp: 510

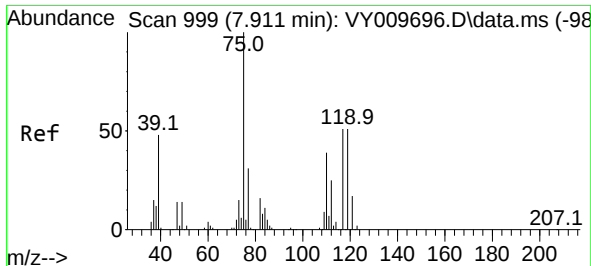
Ion Ratio Lower Upper

113 100

111 118.0 82.6 124.0

192 3.5 17.6 26.4#

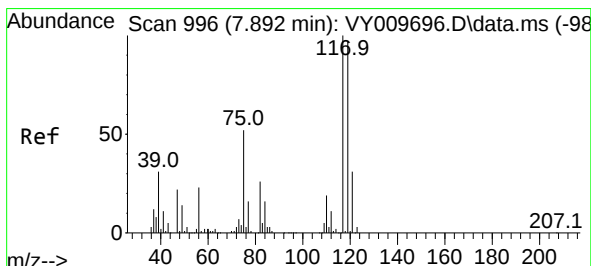
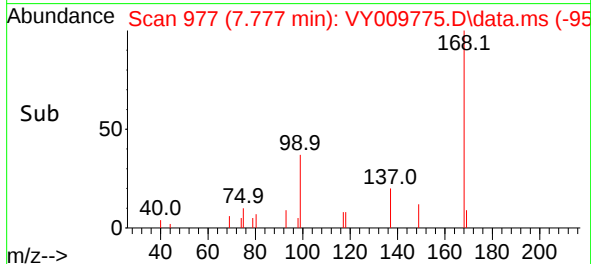
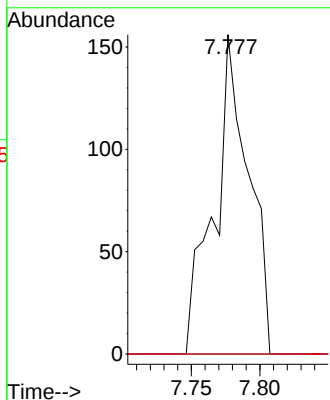
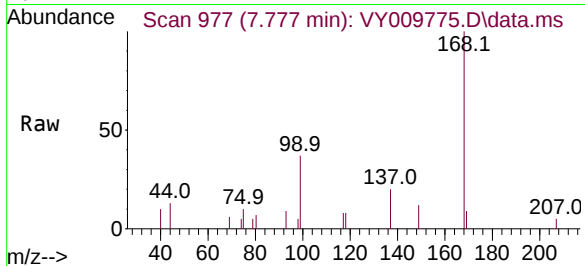




#36
1,1-Dichloropropene
Concen: 5.761 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY009775.D
Acq: 29 Jul 2022 16:16

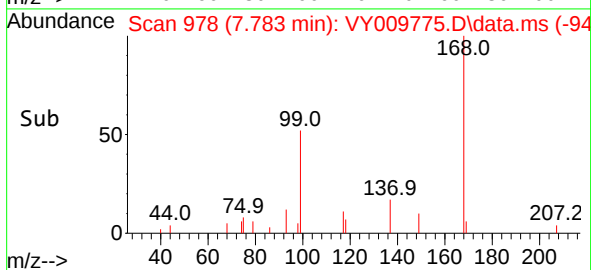
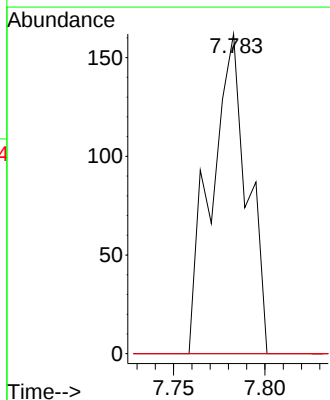
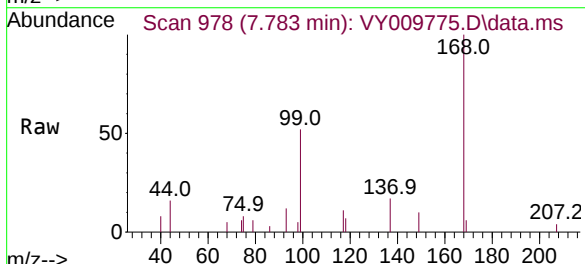
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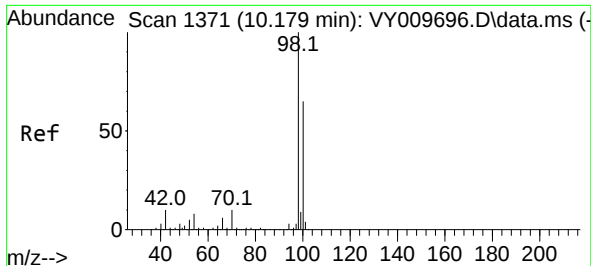
Tgt Ion: 75 Resp: 274
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.376 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009775.D
Acq: 29 Jul 2022 16:16

Tgt Ion: 117 Resp: 223
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

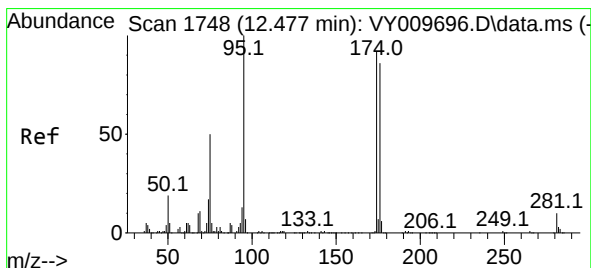
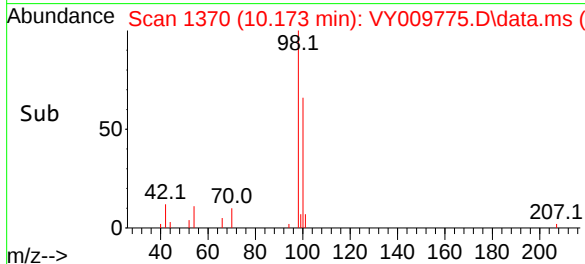
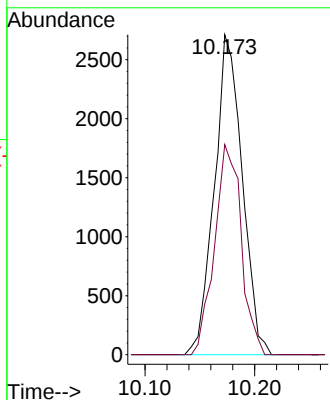
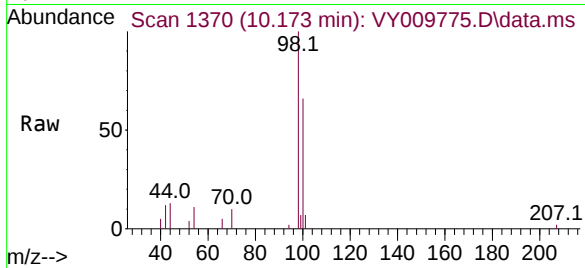




#50
Toluene-d8
Concen: 56.815 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009775.D
Acq: 29 Jul 2022 16:16

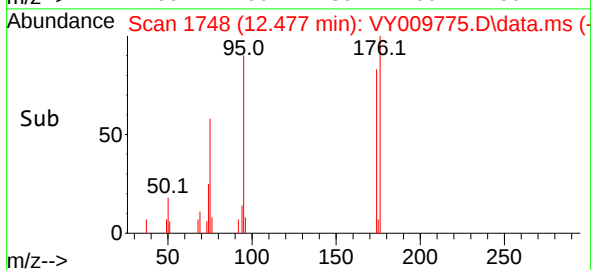
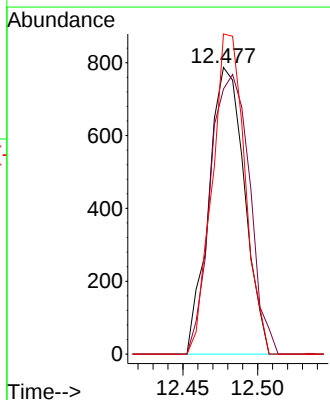
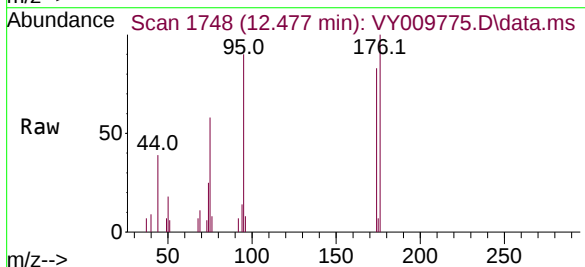
Instrument :
MSVOA_Y
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OK-03-072722RE

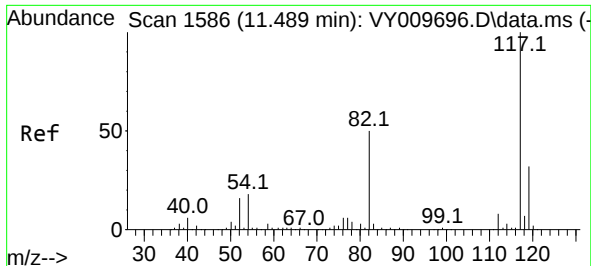
Tgt Ion: 98 Resp: 4787
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.673 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009775.D
Acq: 29 Jul 2022 16:16

Tgt Ion: 95 Resp: 1305
Ion Ratio Lower Upper
95 100
174 106.8 0.0 177.0
176 102.5 0.0 175.8

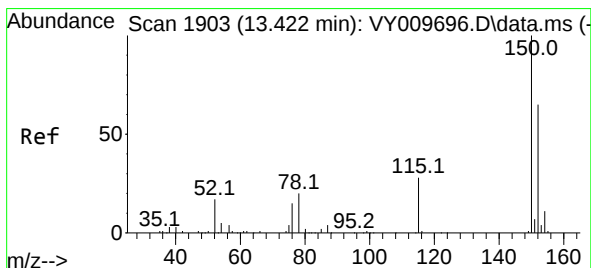
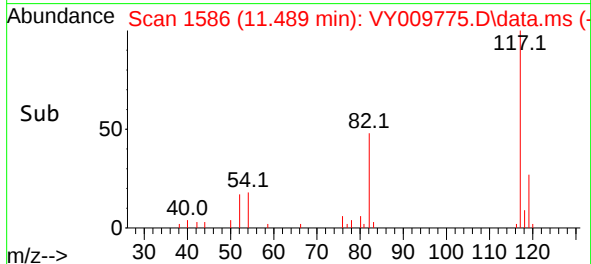
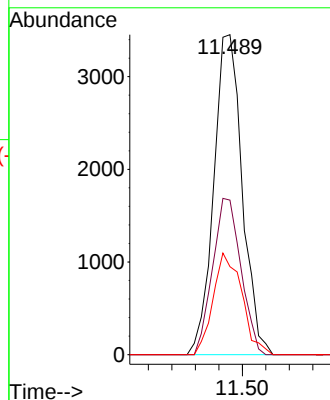
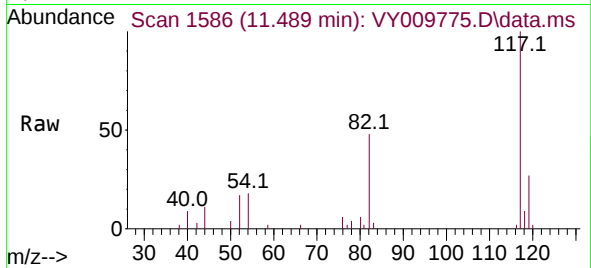




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009775.D
Acq: 29 Jul 2022 16:16

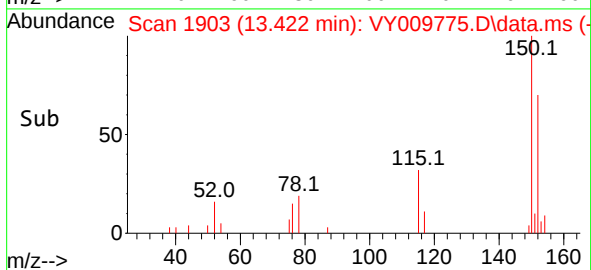
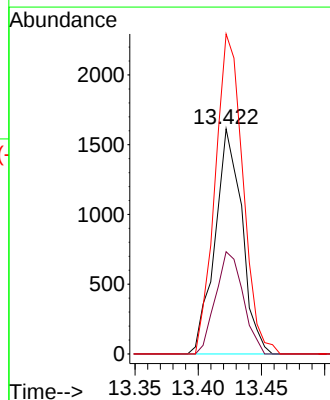
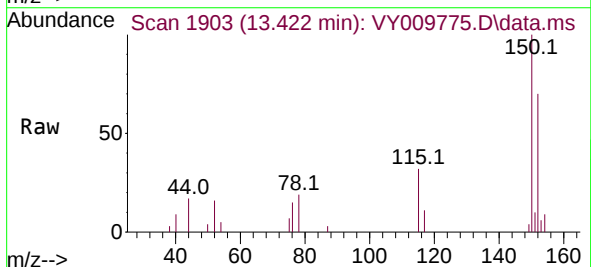
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-072722RE

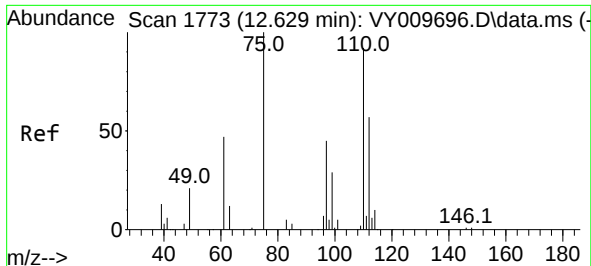
Tgt Ion:117 Resp: 5812
Ion Ratio Lower Upper
117 100
82 48.3 43.0 64.4
119 27.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009775.D
Acq: 29 Jul 2022 16:16

Tgt Ion:152 Resp: 2396
Ion Ratio Lower Upper
152 100
115 46.1 28.2 84.7
150 145.9 0.0 347.6

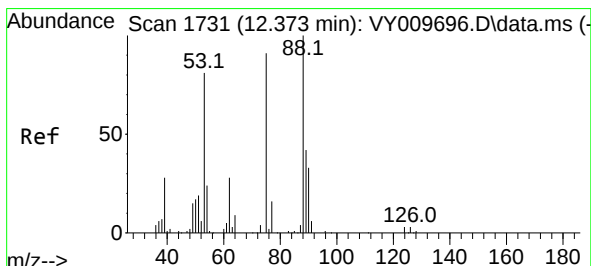
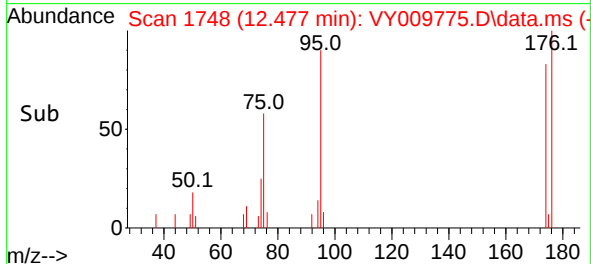
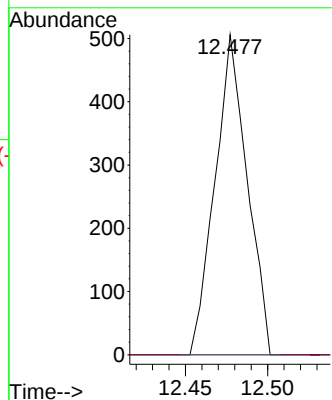
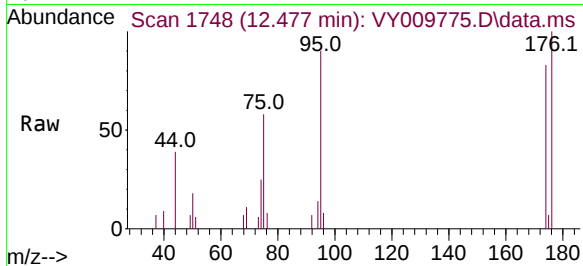




#76
1,2,3-Trichloropropane
Concen: 31.049 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009775.D
Acq: 29 Jul 2022 16:16

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-072722RE

Tgt Ion: 75 Resp: 691
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 61.889 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009775.D
Acq: 29 Jul 2022 16:16

Tgt Ion: 75 Resp: 691
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

