

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009140.D
 Acq On : 06 Jun 2022 12:20
 Operator : KP/MD
 Sample : N3143-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 07 02:30:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	46747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	77017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	66232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	25503	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	26774	55.650	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.300%
35) Dibromofluoromethane	7.716	113	25444	53.127	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.260%
50) Toluene-d8	10.179	98	92942	52.604	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.200%
62) 4-Bromofluorobenzene	12.483	95	22493	31.560	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.120%

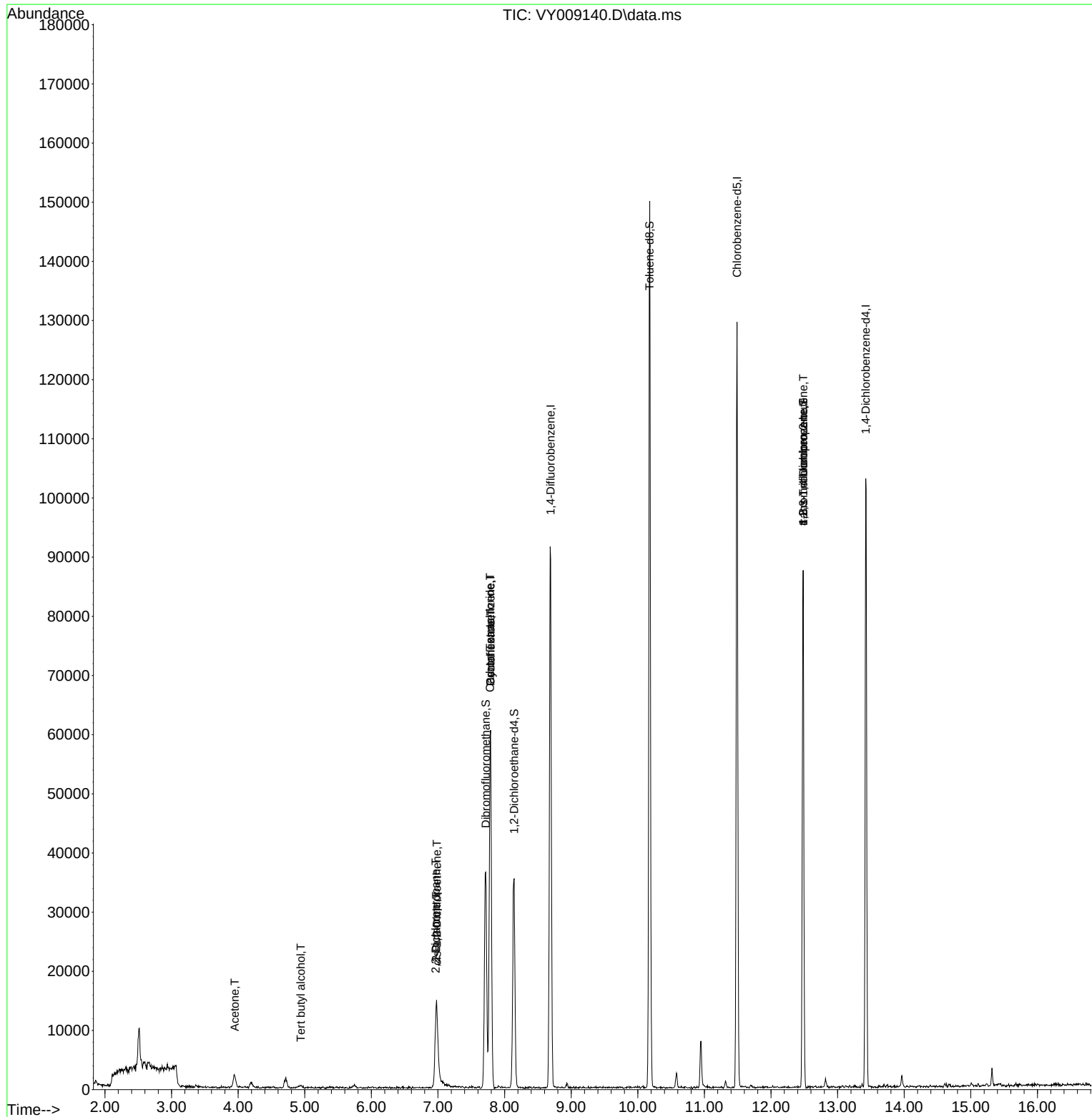
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.942	59	501	10.266	ug/l	# 90
16) Acetone	3.948	43	3883	38.773	ug/l	93
20) Methylene Chloride	4.698	84	1178	Below Cal	#	76
25) 2-Butanone	6.972	43	1097	6.133	ug/l	# 83
26) 2,2-Dichloropropane	6.966	77	968	1.104	ug/l	# 55
27) cis-1,2-Dichloroethene	6.984	96	955	1.501	ug/l	85
31) Cyclohexane	7.789	56	1331	1.414	ug/l	# 51
38) Carbon Tetrachloride	7.783	117	4768	5.592	ug/l	# 14
76) 1,2,3-Trichloropropane	12.483	75	13257	48.406	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	13257	99.353	ug/l	# 7

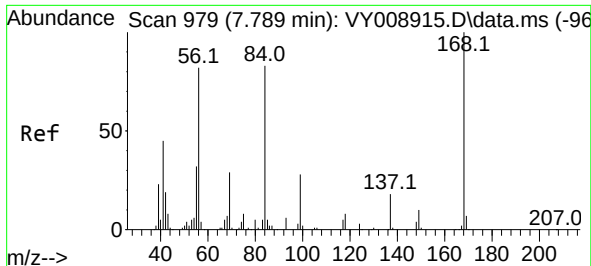
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jun 07 02:30:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

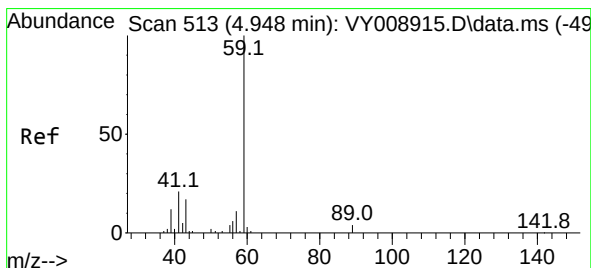
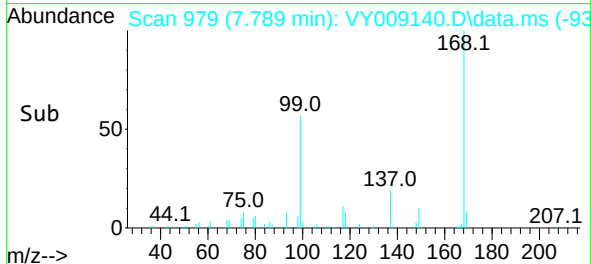
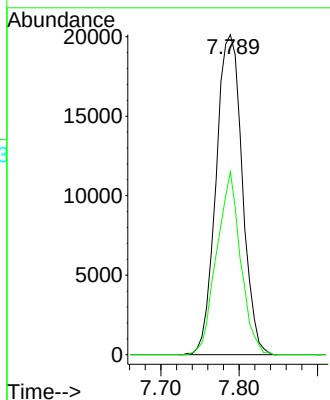
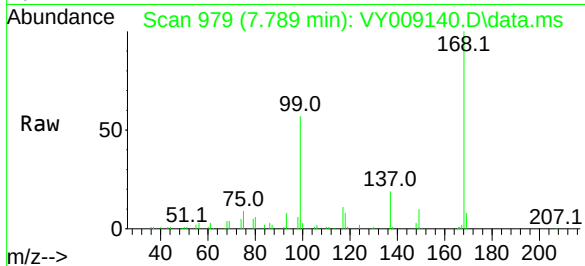




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009140.D
Acq: 06 Jun 2022 12:20

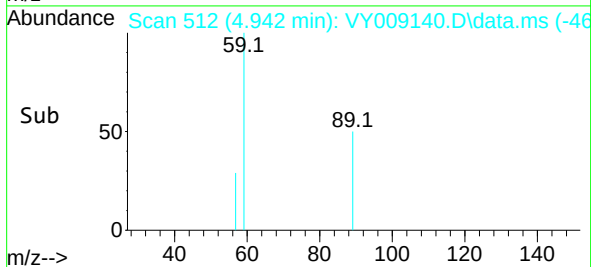
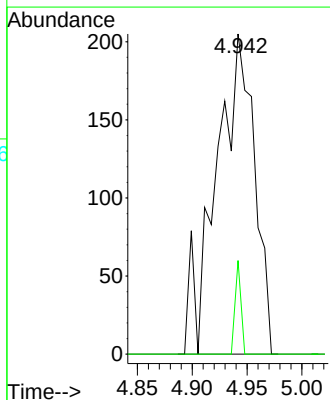
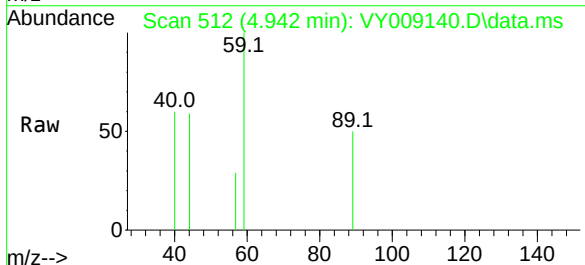
Instrument :
MSVOA_Y
ClientSampleId :

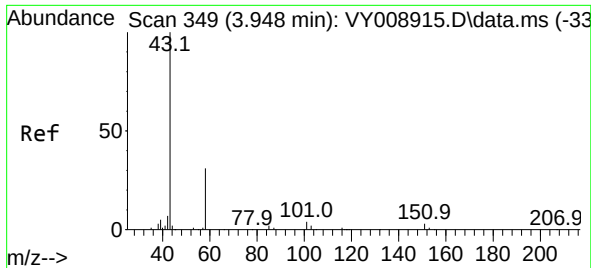
Tgt Ion:168 Resp: 46747
Ion Ratio Lower Upper
168 100
99 57.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 10.266 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009140.D
Acq: 06 Jun 2022 12:20

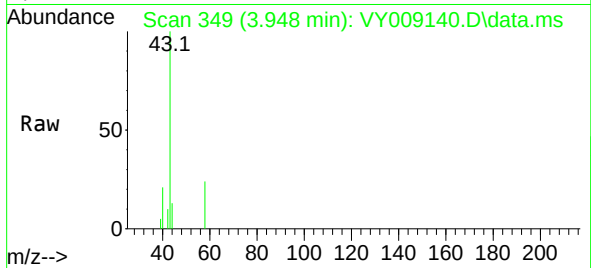
Tgt Ion: 59 Resp: 501
Ion Ratio Lower Upper
59 100
57 4.4 6.4 9.6#



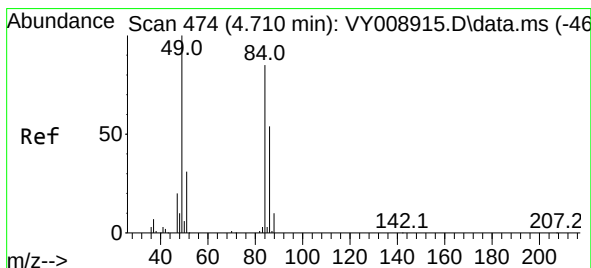
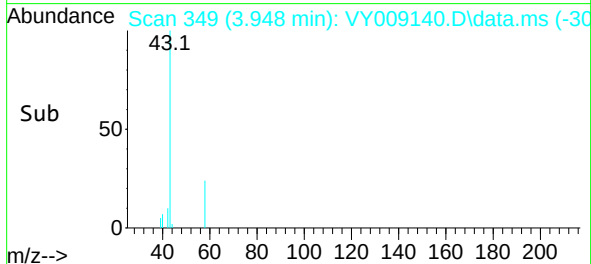
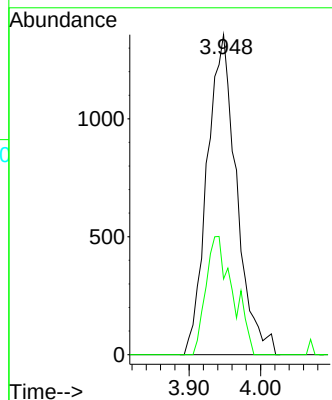


#16
Acetone
Concen: 38.773 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009140.D
Acq: 06 Jun 2022 12:20

Instrument :
MSVOA_Y
ClientSampleId :

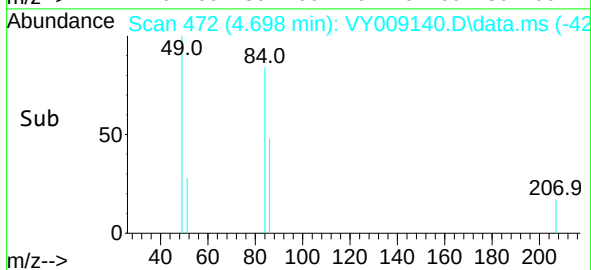
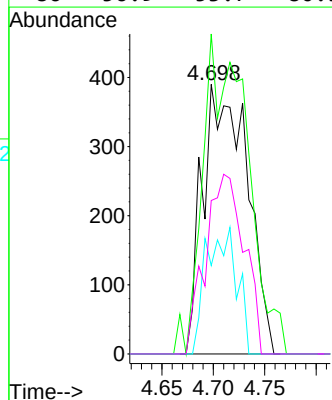
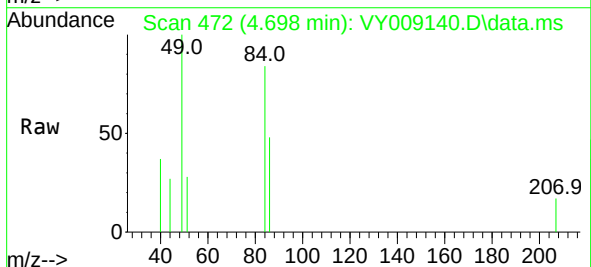


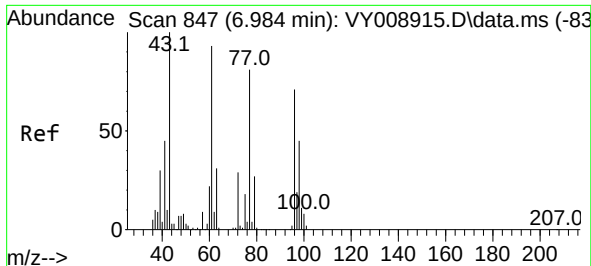
Tgt Ion: 43 Resp: 3883
Ion Ratio Lower Upper
43 100
58 23.7 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. -0.012 min
Lab File: VY009140.D
Acq: 06 Jun 2022 12:20

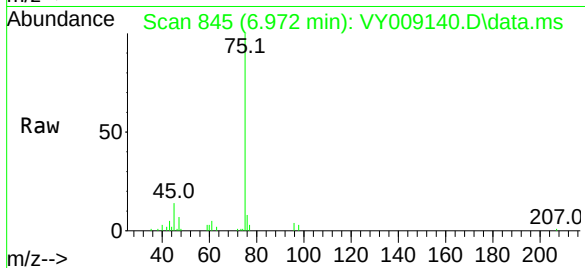
Tgt Ion: 84 Resp: 1178
Ion Ratio Lower Upper
84 100
49 104.1 114.4 171.6#
51 32.8 35.3 52.9#
86 56.9 53.7 80.5



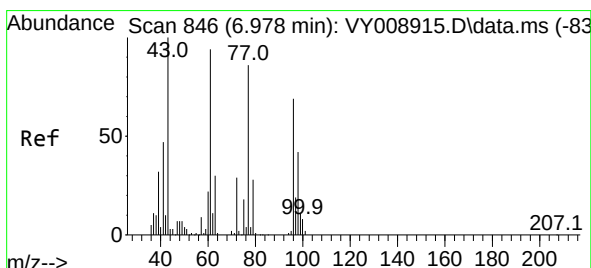
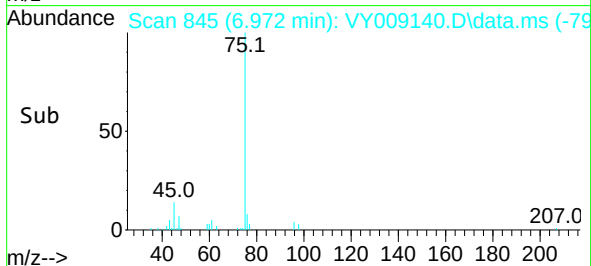
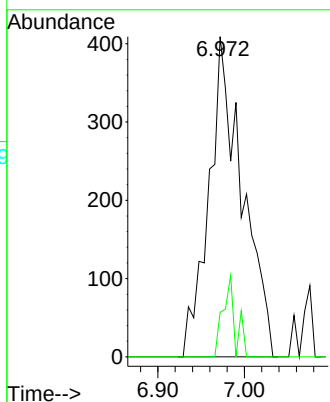


#25
2-Butanone
Concen: 6.133 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY009140.D
Acq: 06 Jun 2022 12:20

Instrument :
MSVOA_Y
ClientSampleId :

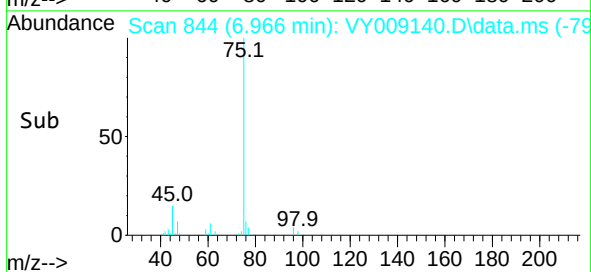
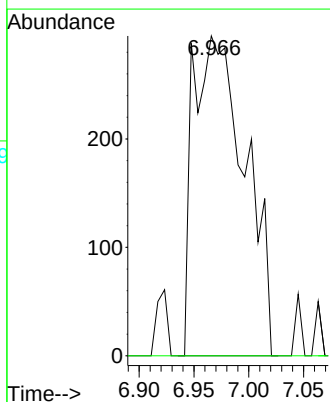
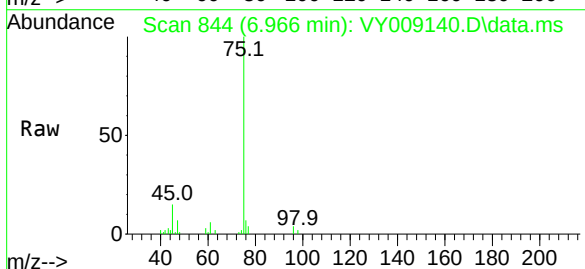


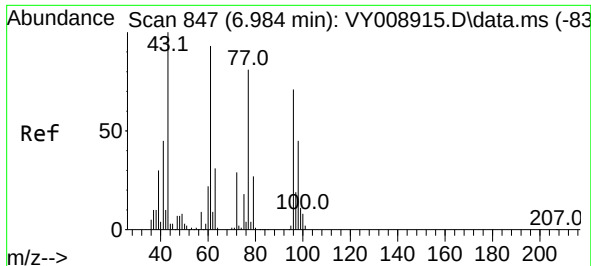
Tgt Ion: 43 Resp: 1097
Ion Ratio Lower Upper
43 100
72 13.9 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 1.104 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY009140.D
Acq: 06 Jun 2022 12:20

Tgt Ion: 77 Resp: 968
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#





#27

cis-1,2-Dichloroethene

Concen: 1.501 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

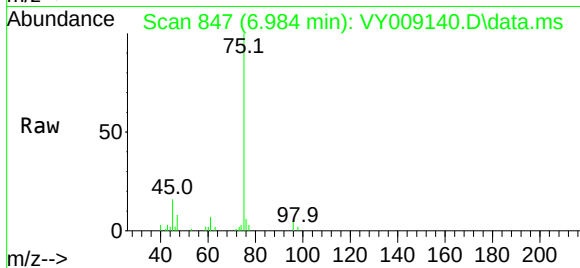
Lab File: VY009140.D

Acq: 06 Jun 2022 12:20

Instrument :

MSVOA_Y

ClientSampleId :



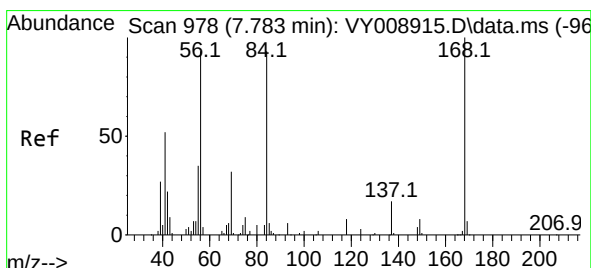
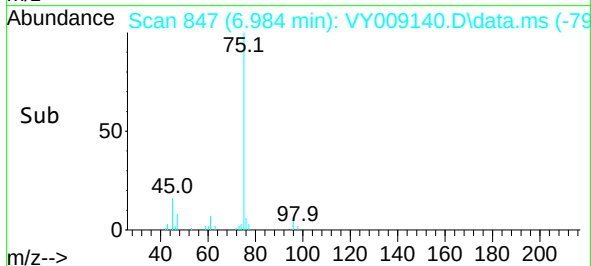
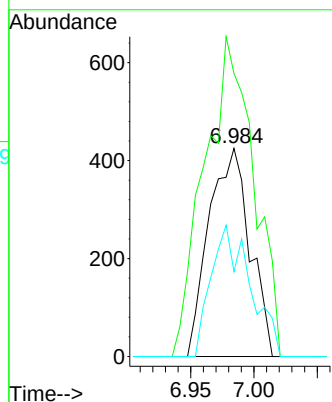
Tgt Ion: 96 Resp: 955

Ion Ratio Lower Upper

96 100

61 184.7 0.0 319.8

98 60.3 0.0 127.0



#31

Cyclohexane

Concen: 1.414 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY009140.D

Acq: 06 Jun 2022 12:20

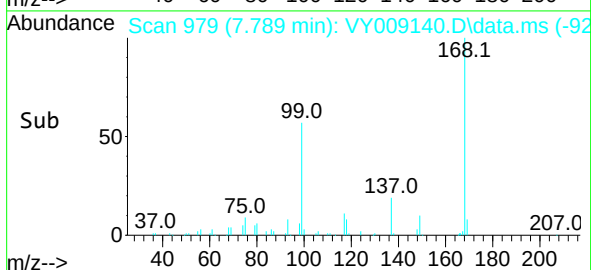
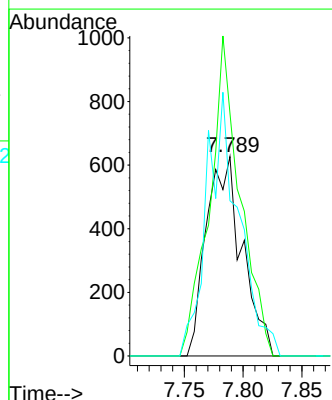
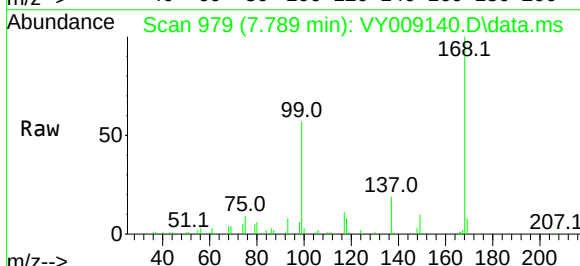
Tgt Ion: 56 Resp: 1331

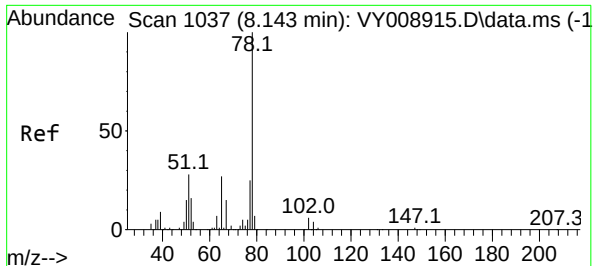
Ion Ratio Lower Upper

56 100

69 121.7 26.7 40.1#

84 77.8 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 55.650 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY009140.D

Acq: 06 Jun 2022 12:20

Instrument :

MSVOA_Y

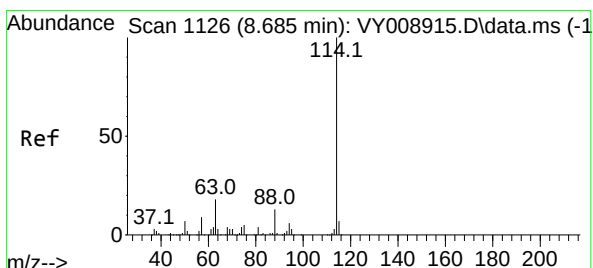
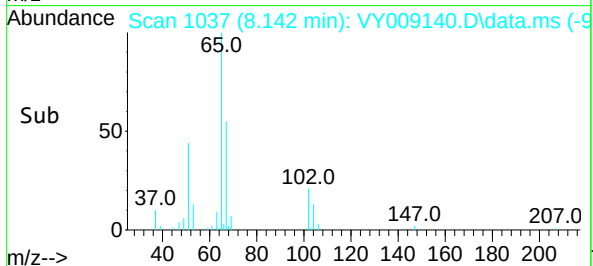
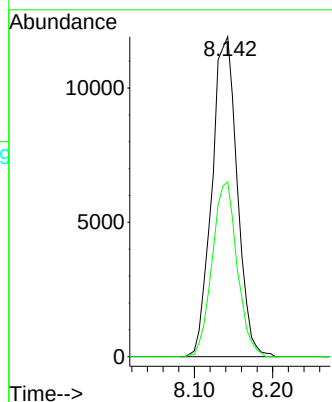
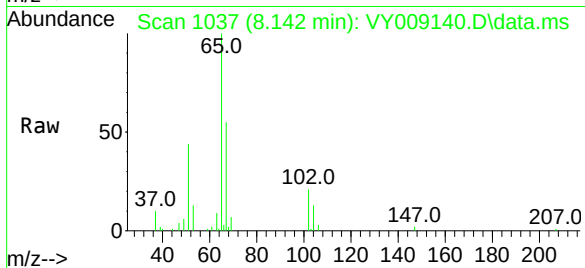
ClientSampleId :

Tgt Ion: 65 Resp: 26774

Ion Ratio Lower Upper

65 100

67 53.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009140.D

Acq: 06 Jun 2022 12:20

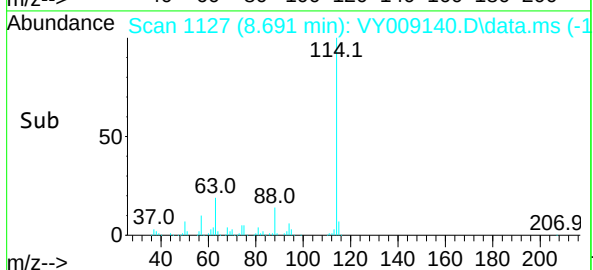
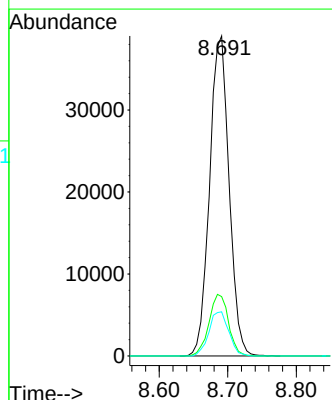
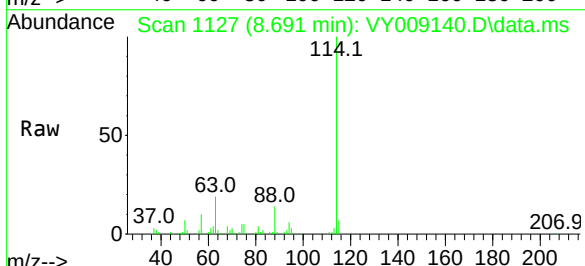
Tgt Ion: 114 Resp: 77017

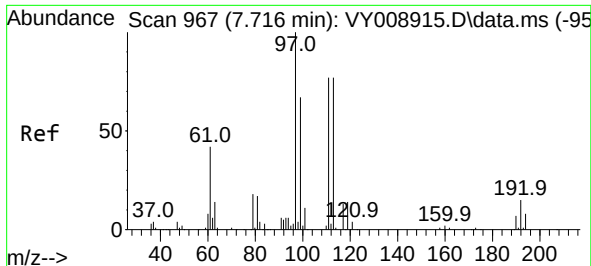
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

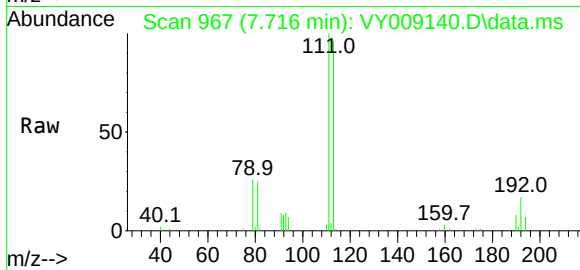
88 13.8 0.0 31.8



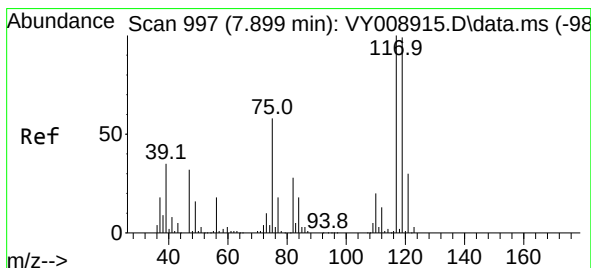
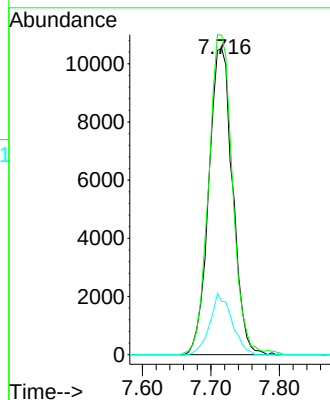
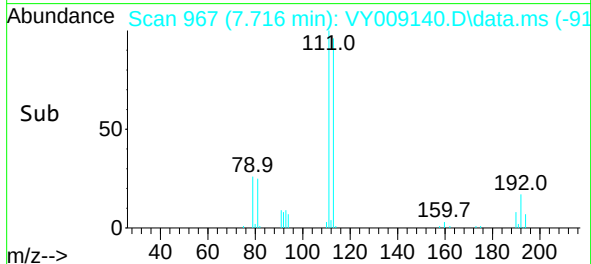


#35
Dibromofluoromethane
Concen: 53.127 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009140.D
Acq: 06 Jun 2022 12:20

Instrument :
MSVOA_Y
ClientSampleId :

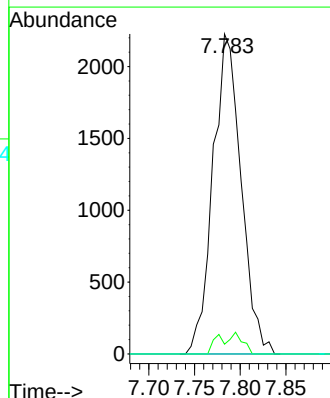
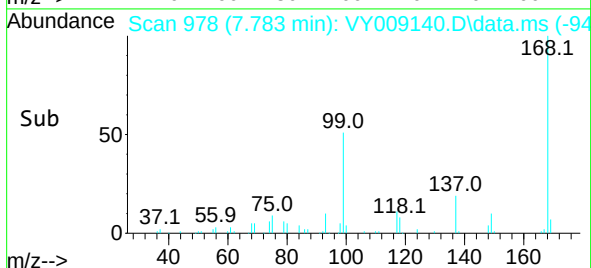
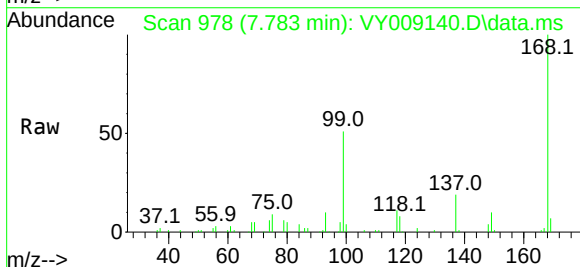


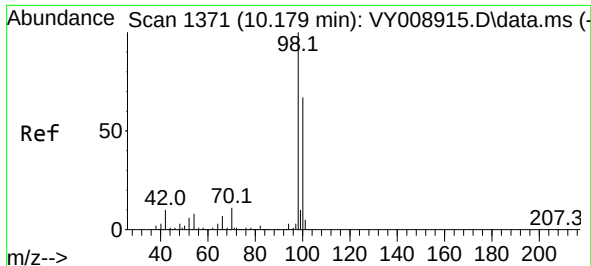
Tgt Ion:113 Resp: 25444
Ion Ratio Lower Upper
113 100
111 104.9 82.6 124.0
192 18.5 17.6 26.4



#38
Carbon Tetrachloride
Concen: 5.592 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY009140.D
Acq: 06 Jun 2022 12:20

Tgt Ion:117 Resp: 4768
Ion Ratio Lower Upper
117 100
119 3.1 77.9 116.9#
121 0.0 24.8 37.2#

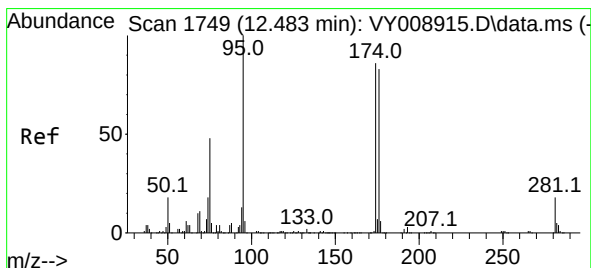
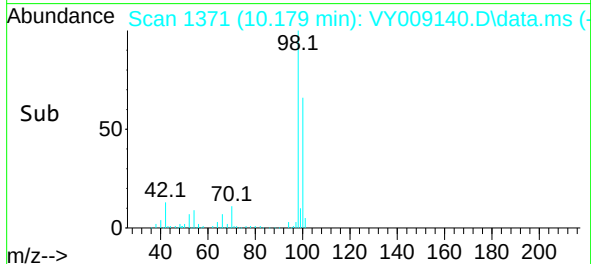
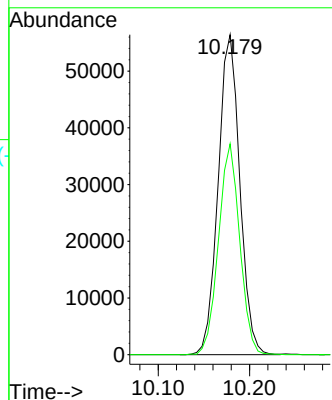
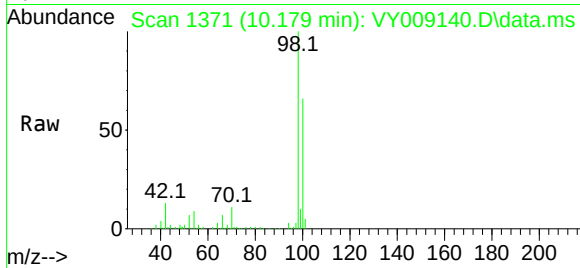




#50
Toluene-d8
Concen: 52.604 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009140.D
Acq: 06 Jun 2022 12:20

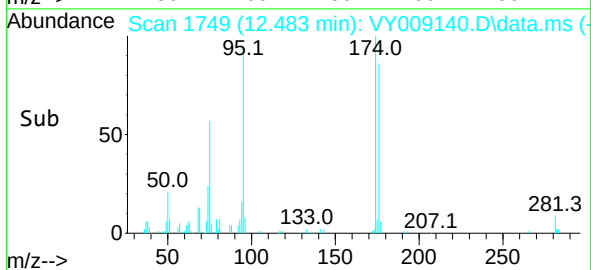
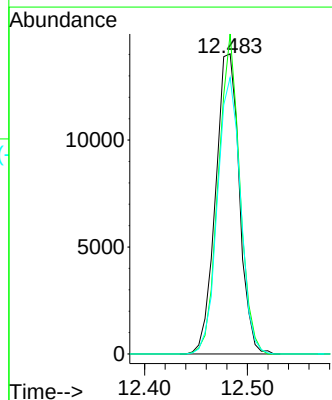
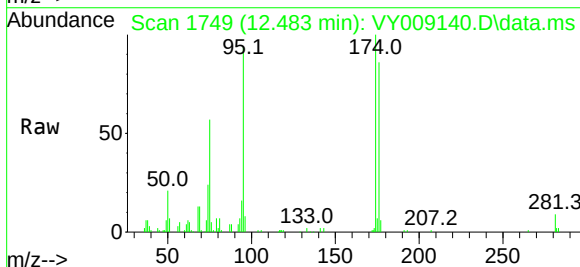
Instrument :
MSVOA_Y
ClientSampleId :

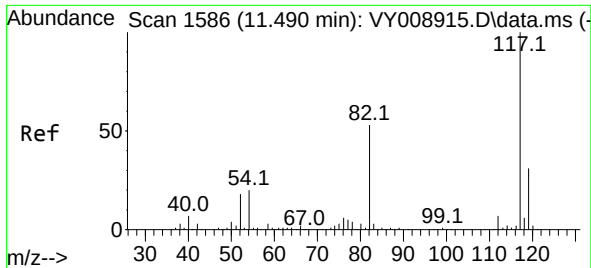
Tgt Ion: 98 Resp: 92942
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 31.560 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009140.D
Acq: 06 Jun 2022 12:20

Tgt Ion: 95 Resp: 22493
Ion Ratio Lower Upper
95 100
174 95.8 0.0 177.0
176 89.4 0.0 175.8

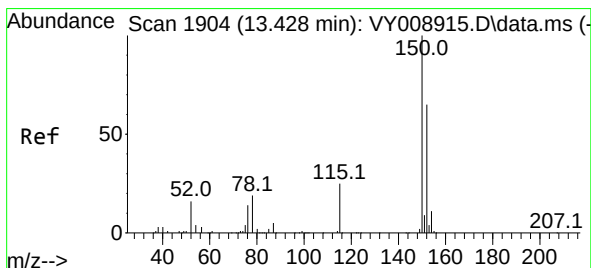
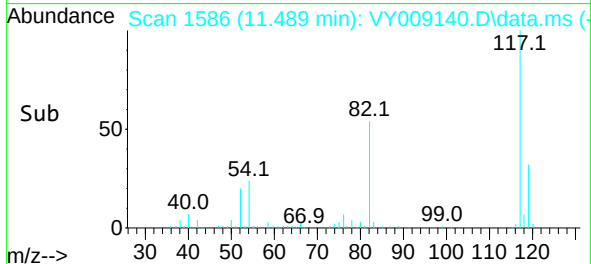
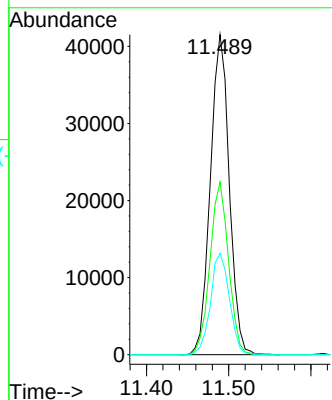
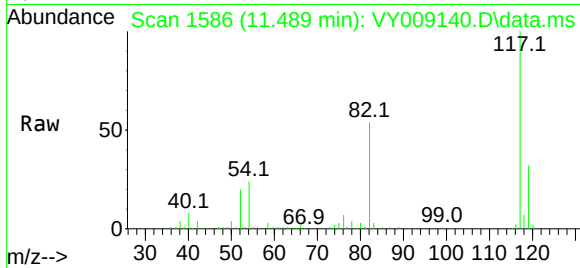




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY009140.D
Acq: 06 Jun 2022 12:20

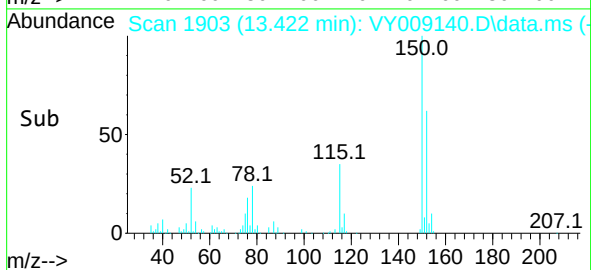
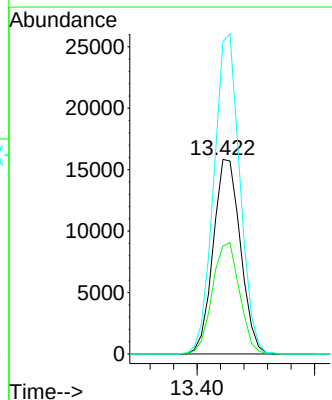
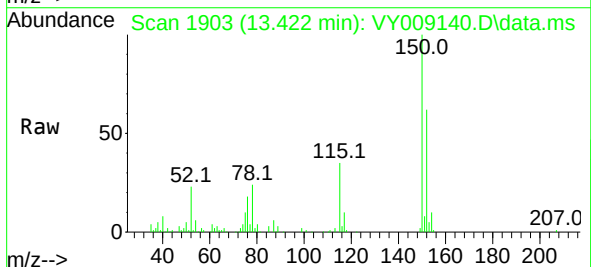
Instrument :
MSVOA_Y
ClientSampleId :

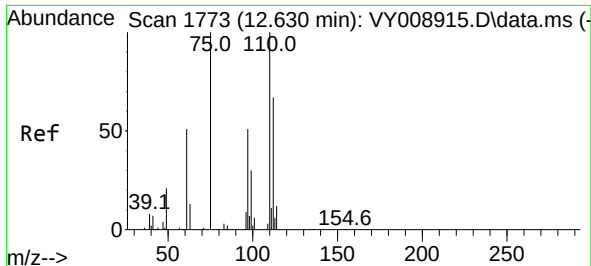
Tgt Ion:117 Resp: 66232
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009140.D
Acq: 06 Jun 2022 12:20

Tgt Ion:152 Resp: 25503
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 157.5 0.0 347.6

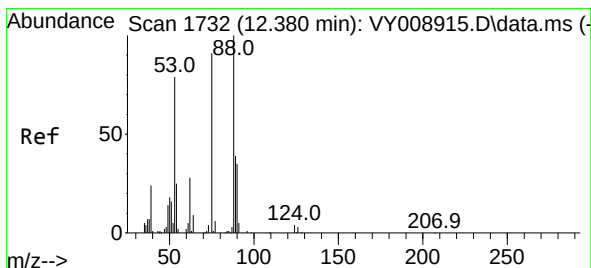
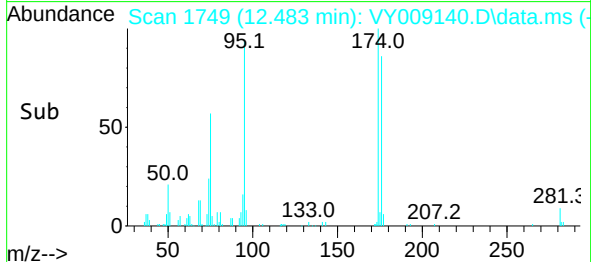
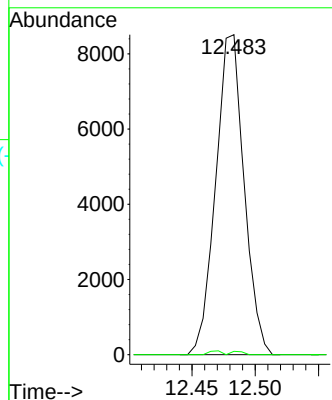
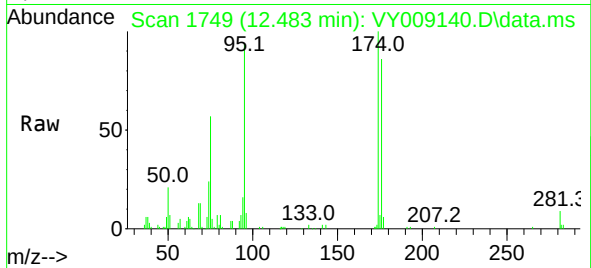




#76
1,2,3-Trichloropropane
Concen: 48.406 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY009140.D
Acq: 06 Jun 2022 12:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 13257
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.353 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY009140.D
Acq: 06 Jun 2022 12:20

Tgt Ion: 75 Resp: 13257
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

