

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010325.D
 Acq On : 03 Sep 2022 17:09
 Operator : KP/MD
 Sample : N4419-04
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 KTS2-MH-01-1-2

Quant Time: Sep 05 04:21:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

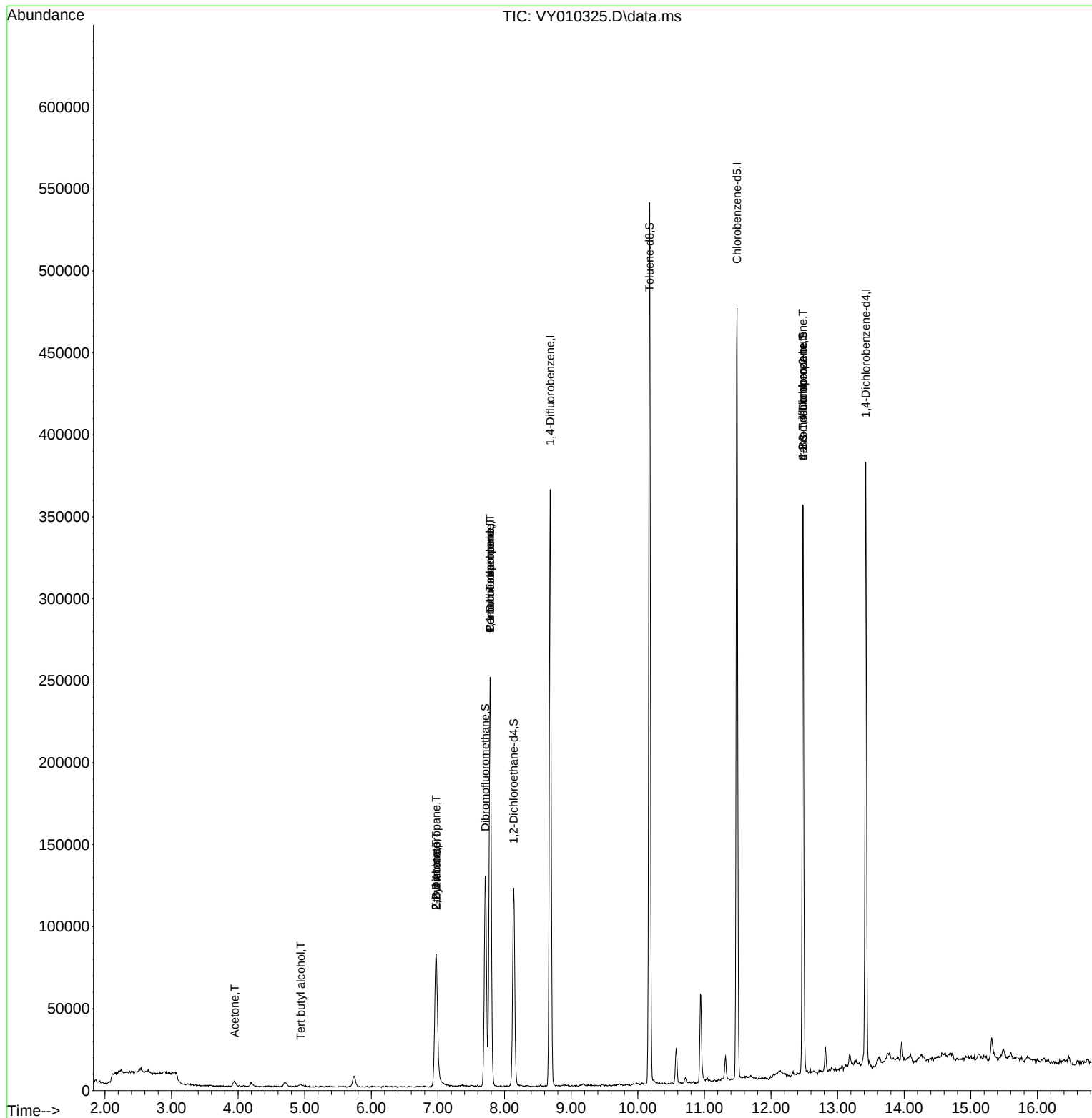
Internal Standards						
1) Pentafluorobenzene	7.783	168	198515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	311881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	260749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	95608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	94584	46.466	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.940%
35) Dibromofluoromethane	7.710	113	92095	44.356	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.720%
50) Toluene-d8	10.179	98	361034	51.938	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.880%
62) 4-Bromofluorobenzene	12.477	95	103154	35.184	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.360%
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	685	Below Cal		92
11) Tert butyl alcohol	4.942	59	2073	8.513	ug/l #	85
16) Acetone	3.948	43	5712	11.225	ug/l	90
25) 2-Butanone	6.972	43	5290	6.334	ug/l #	80
26) 2,2-Dichloropropane	6.972	77	6344	1.710	ug/l #	55
36) 1,1-Dichloropropene	7.783	75	13741	4.511	ug/l #	51
37) Ethyl Acetate	6.972	43	5290	3.029	ug/l #	6
38) Carbon Tetrachloride	7.783	117	18153	5.782	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	53591	47.102	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	53591	98.259	ug/l #	7

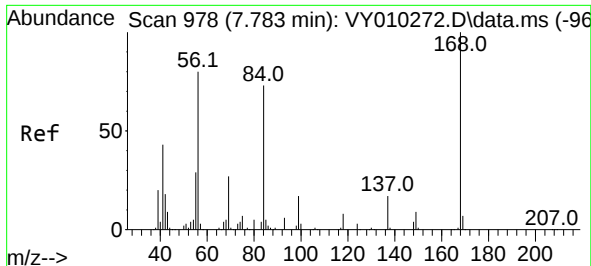
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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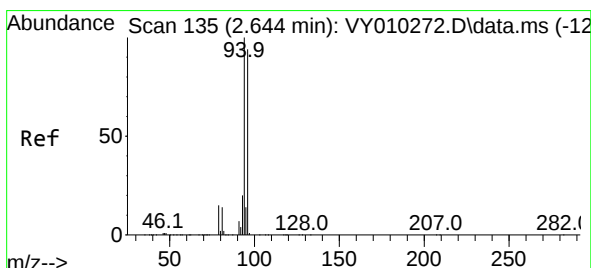
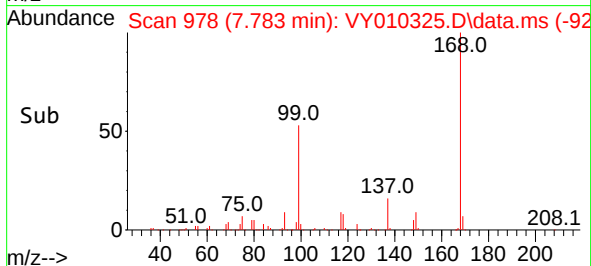
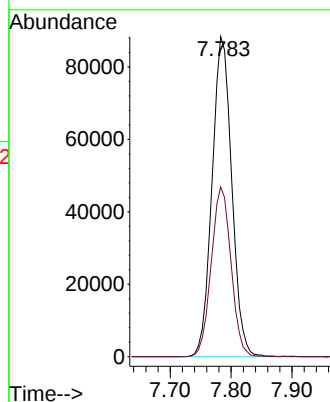
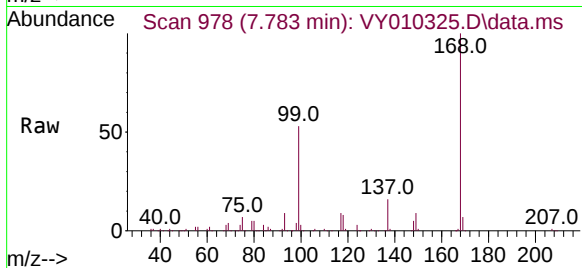




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010325.D
Acq: 03 Sep 2022 17:09

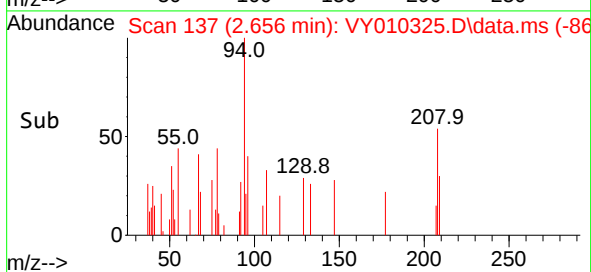
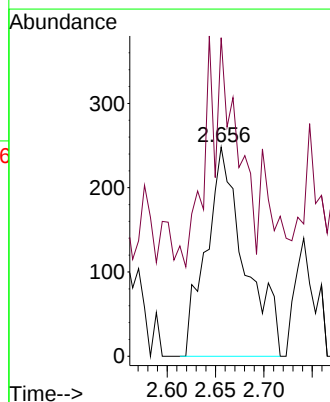
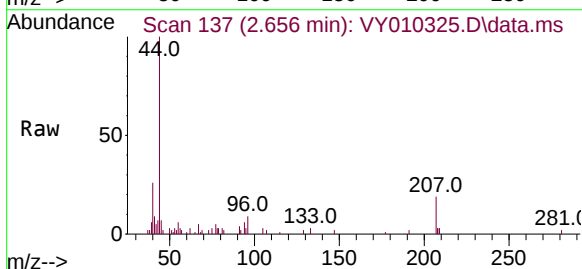
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-MH-01-1-2

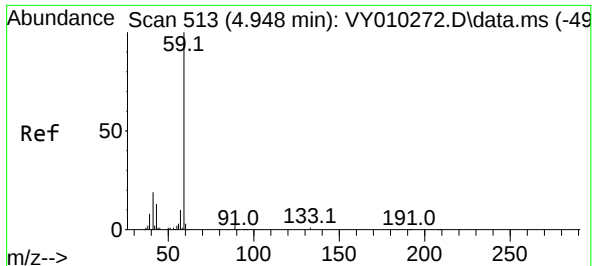
Tgt Ion:168 Resp: 198515
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.012 min
Lab File: VY010325.D
Acq: 03 Sep 2022 17:09

Tgt Ion: 94 Resp: 685
Ion Ratio Lower Upper
94 100
96 99.6 73.5 110.3





#11

Tert butyl alcohol

Concen: 8.513 ug/l

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY010325.D

Acq: 03 Sep 2022 17:09

Instrument :

MSVOA_Y

ClientSampleId :

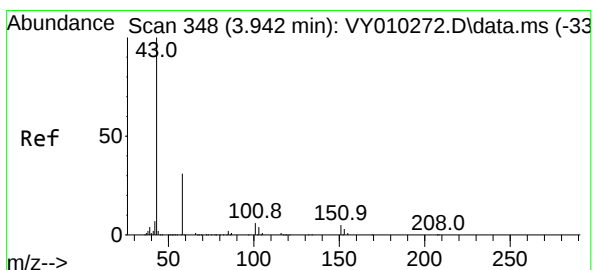
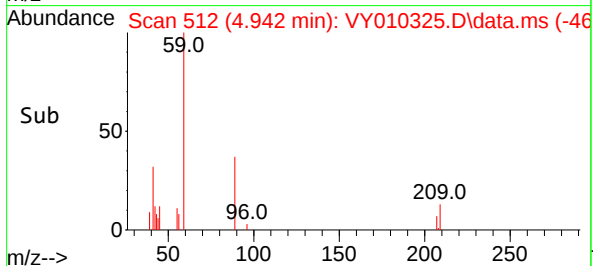
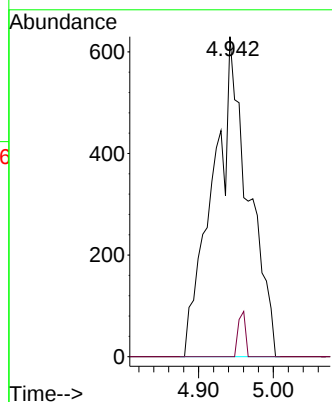
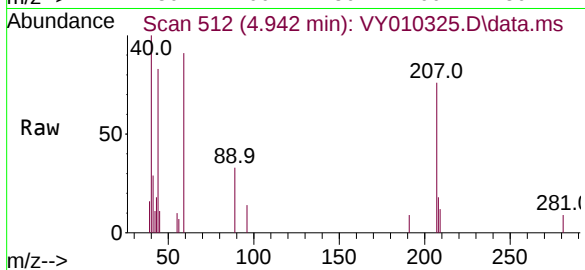
KTS2-MH-01-1-2

Tgt Ion: 59 Resp: 2073

Ion Ratio Lower Upper

59 100

57 2.8 6.4 9.6#



#16

Acetone

Concen: 11.225 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY010325.D

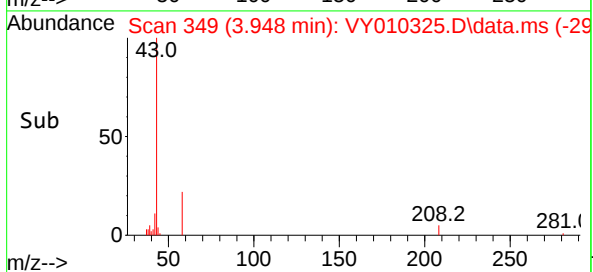
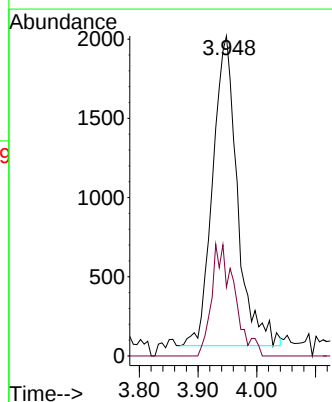
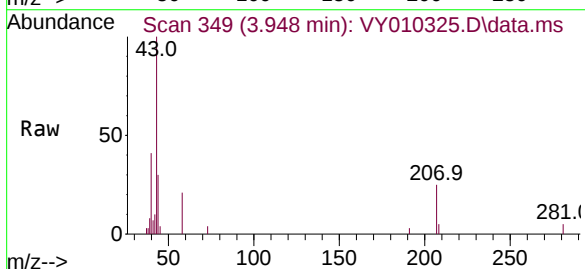
Acq: 03 Sep 2022 17:09

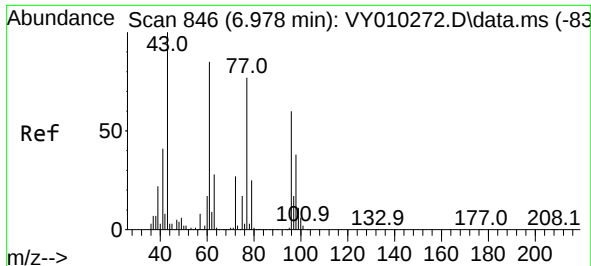
Tgt Ion: 43 Resp: 5712

Ion Ratio Lower Upper

43 100

58 22.2 22.0 33.0

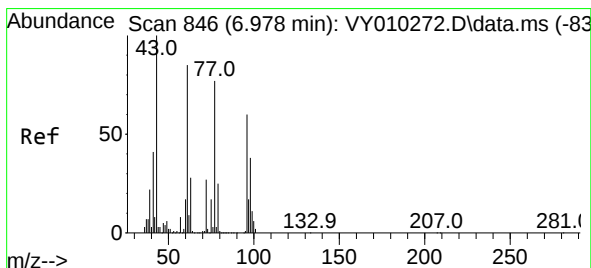
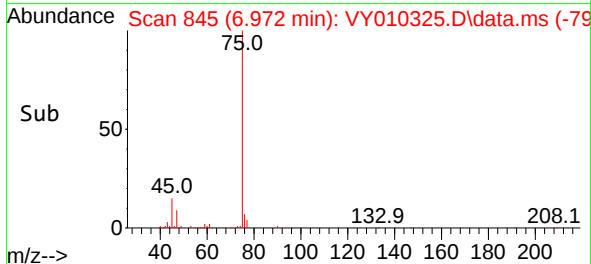
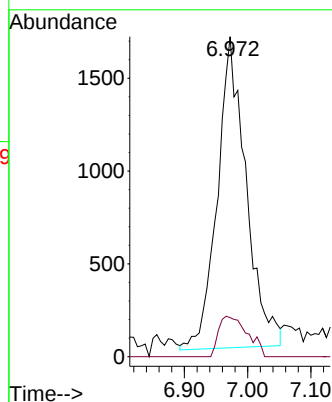
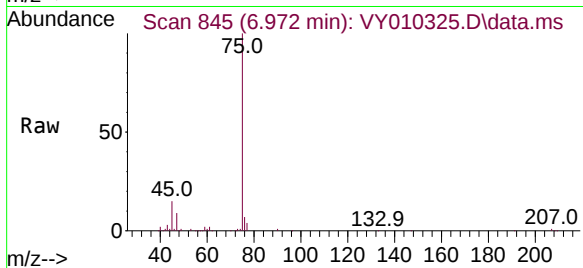




#25
2-Butanone
Concen: 6.334 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010325.D
Acq: 03 Sep 2022 17:09

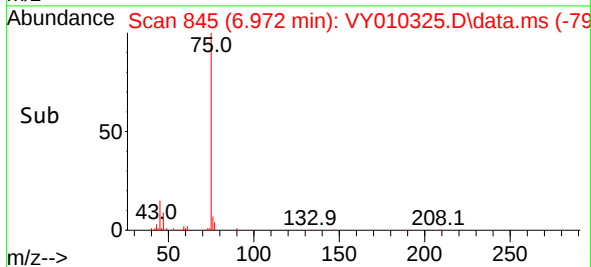
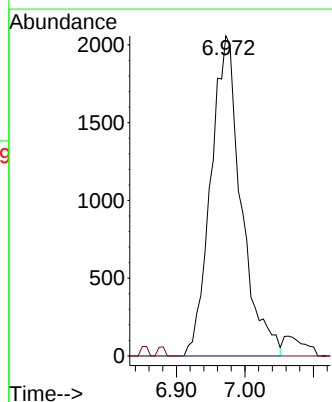
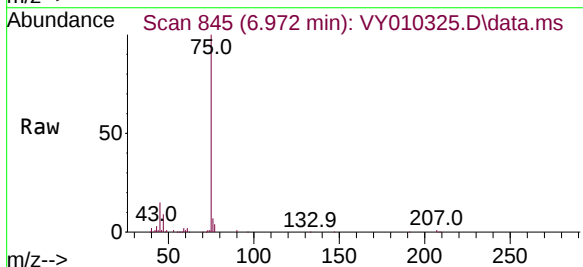
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-MH-01-1-2

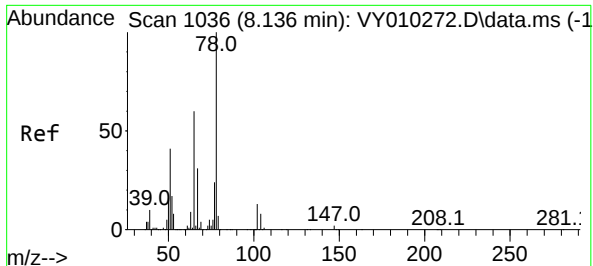
Tgt Ion: 43 Resp: 5290
Ion Ratio Lower Upper
43 100
72 12.6 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 1.710 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010325.D
Acq: 03 Sep 2022 17:09

Tgt Ion: 77 Resp: 6344
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#





#33

1,2-Dichloroethane-d4

Concen: 46.466 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY010325.D

Acq: 03 Sep 2022 17:09

Instrument :

MSVOA_Y

ClientSampleId :

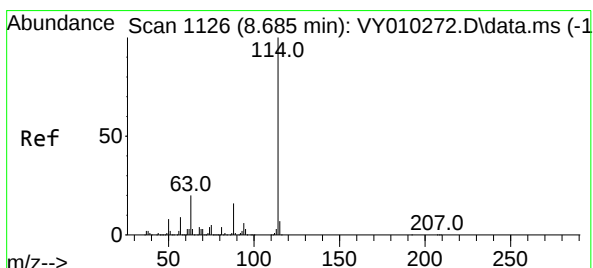
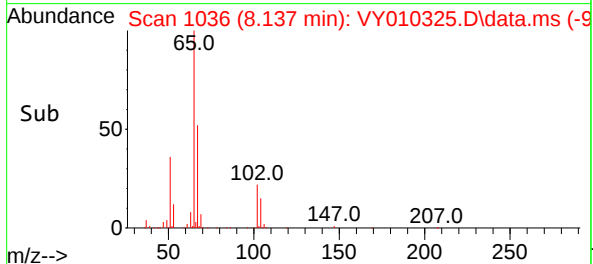
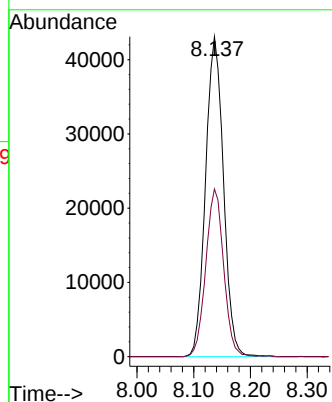
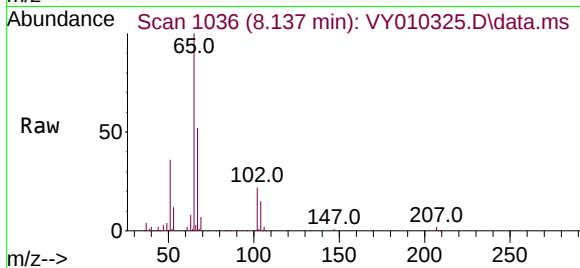
KTS2-MH-01-1-2

Tgt Ion: 65 Resp: 94584

Ion Ratio Lower Upper

65 100

67 52.2 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: VY010325.D

Acq: 03 Sep 2022 17:09

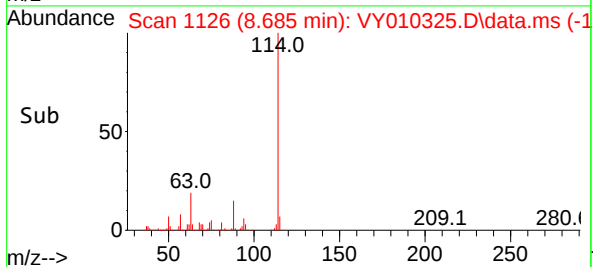
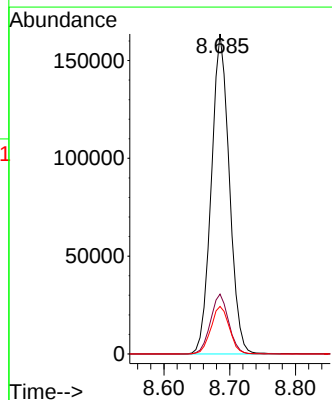
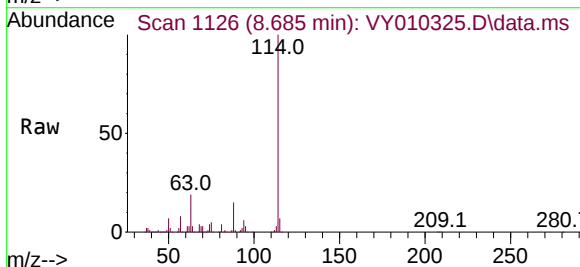
Tgt Ion:114 Resp: 311881

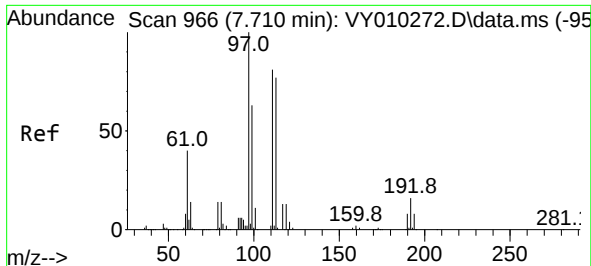
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 14.9 0.0 31.8

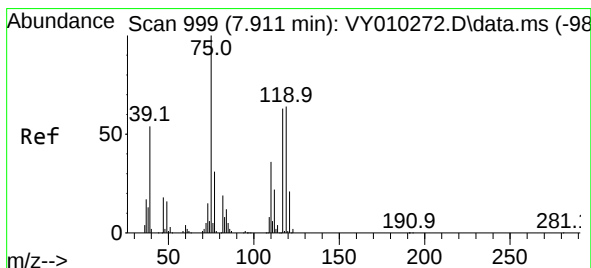
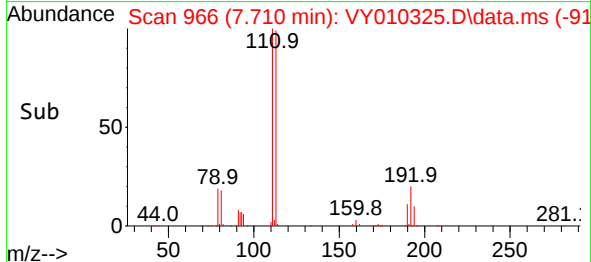
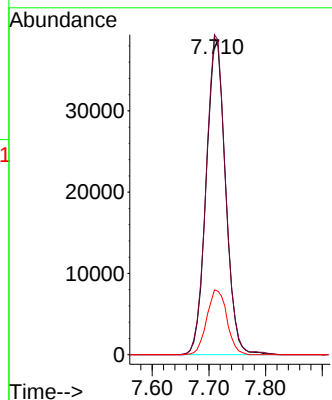
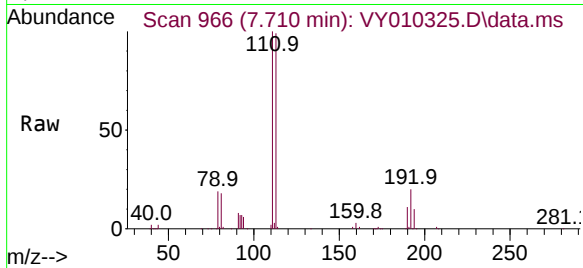




#35
Dibromofluoromethane
Concen: 44.356 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010325.D
Acq: 03 Sep 2022 17:09

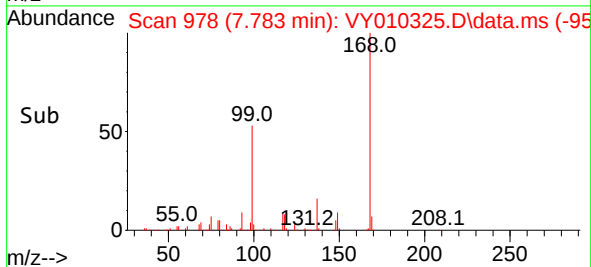
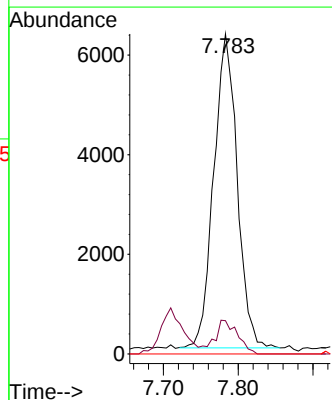
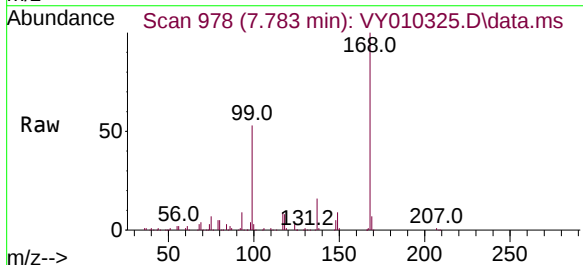
Instrument :
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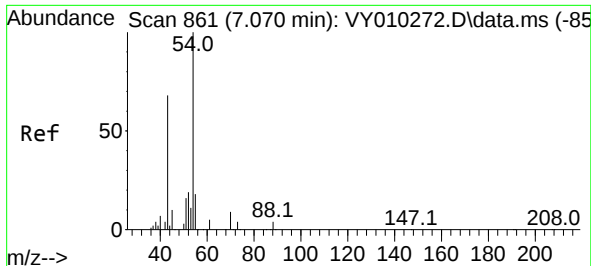
Tgt Ion:113 Resp: 92095
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 21.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.511 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010325.D
Acq: 03 Sep 2022 17:09

Tgt Ion: 75 Resp: 13741
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#

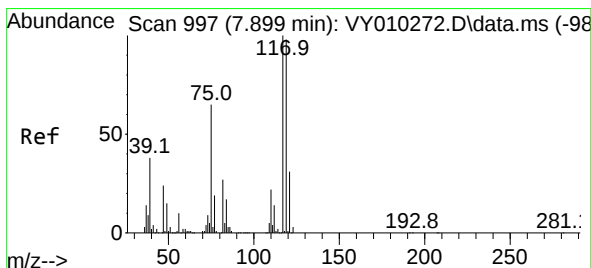
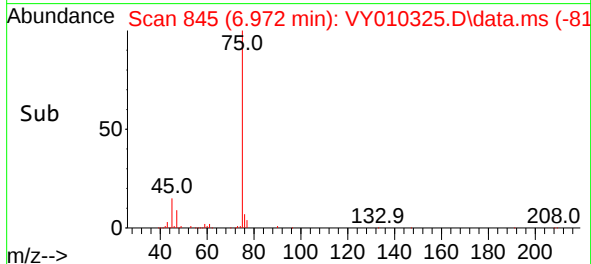
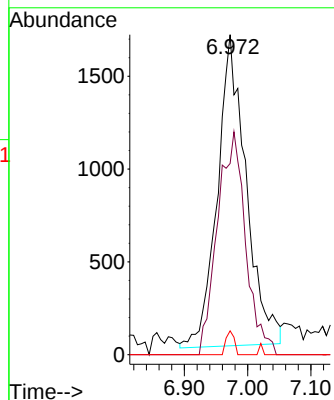
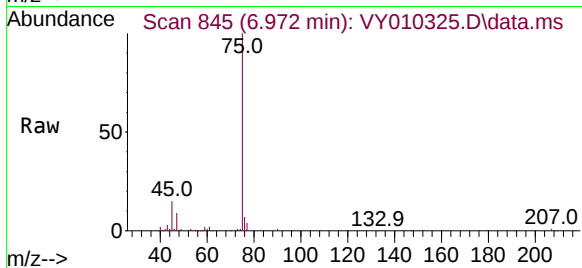




#37
Ethyl Acetate
Concen: 3.029 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.098 min
Lab File: VY010325.D
Acq: 03 Sep 2022 17:09

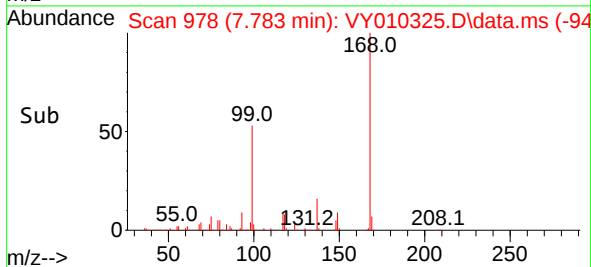
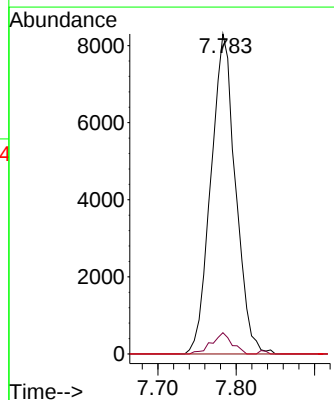
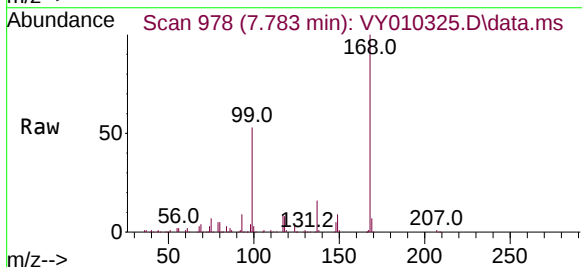
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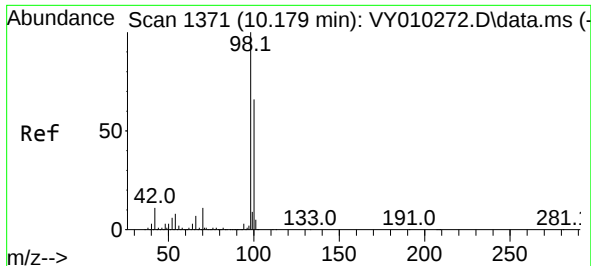
Tgt Ion: 43 Resp: 5290
Ion Ratio Lower Upper
43 100
61 70.0 9.7 14.5#
70 2.2 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.782 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY010325.D
Acq: 03 Sep 2022 17:09

Tgt Ion: 117 Resp: 18153
Ion Ratio Lower Upper
117 100
119 6.6 77.9 116.9#
121 0.0 24.8 37.2#

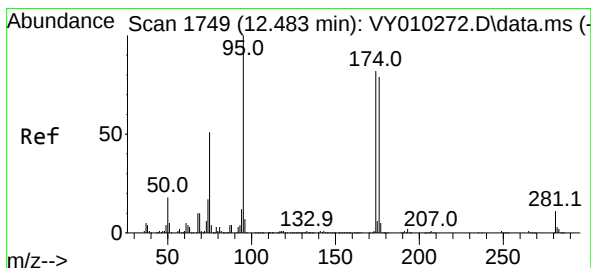
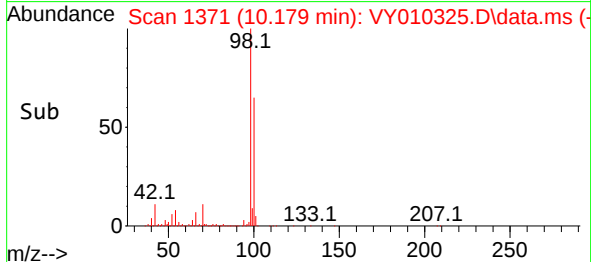
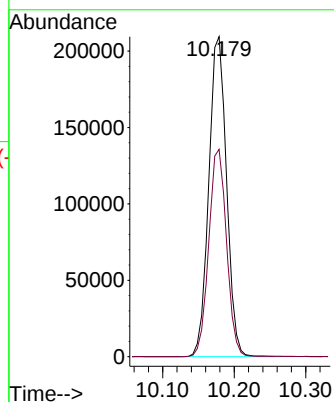
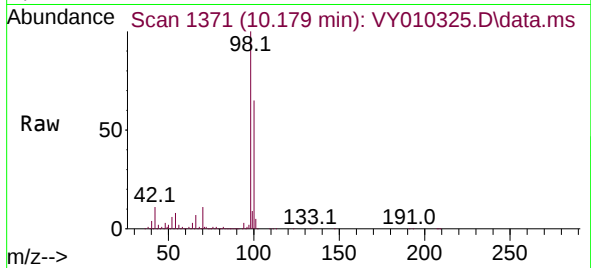




#50
Toluene-d8
Concen: 51.938 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010325.D
Acq: 03 Sep 2022 17:09

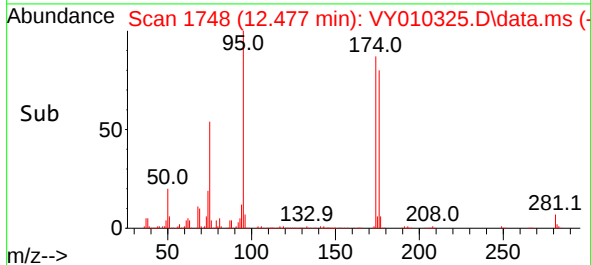
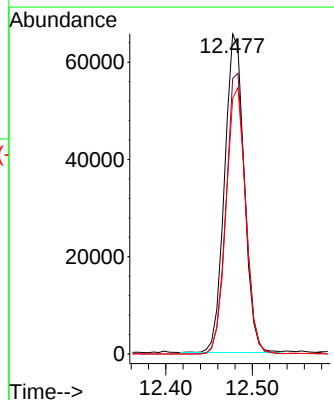
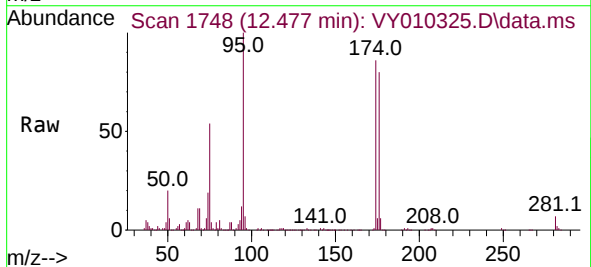
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-MH-01-1-2

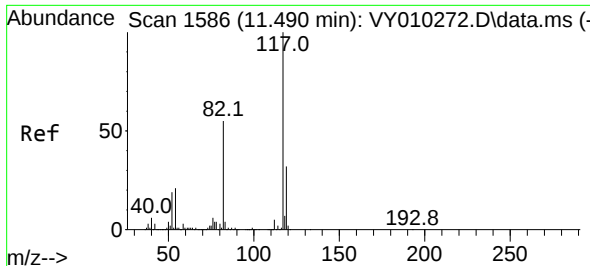
Tgt Ion: 98 Resp: 361034
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.184 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010325.D
Acq: 03 Sep 2022 17:09

Tgt Ion: 95 Resp: 103154
Ion Ratio Lower Upper
95 100
174 87.5 0.0 177.0
176 83.9 0.0 175.8

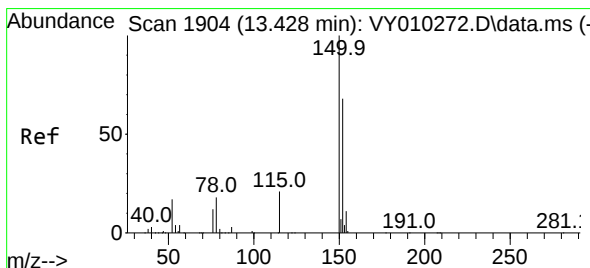
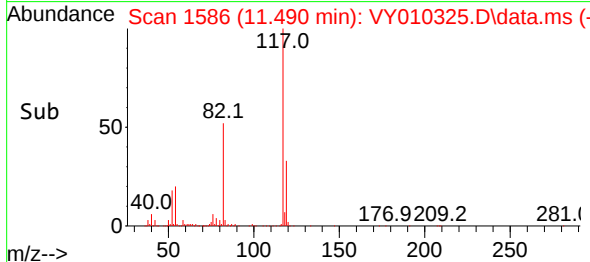
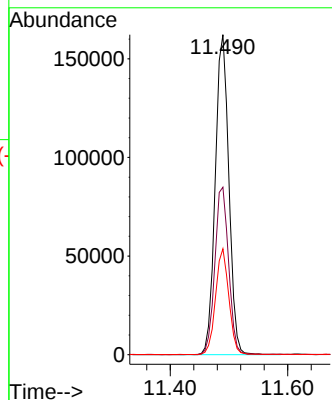
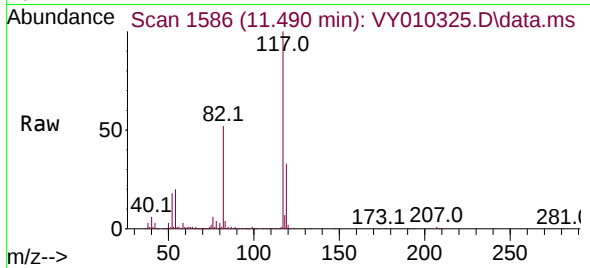




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010325.D
Acq: 03 Sep 2022 17:09

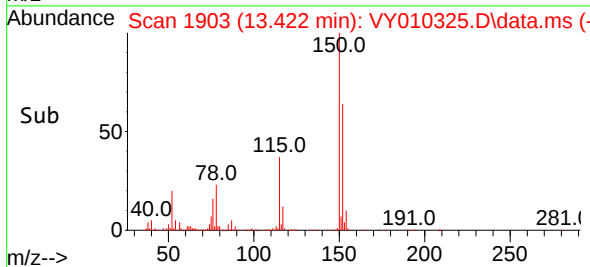
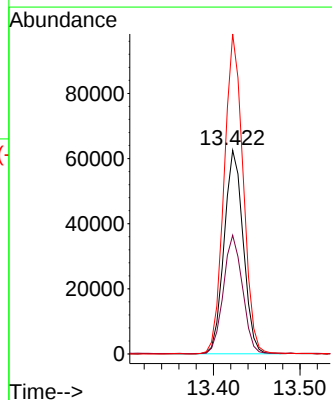
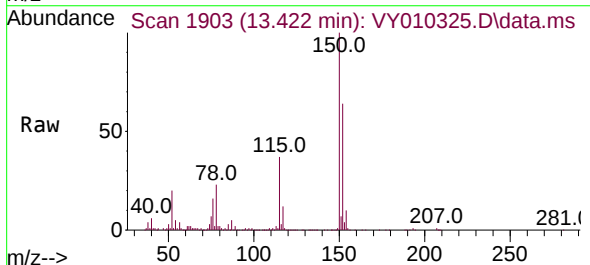
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-MH-01-1-2

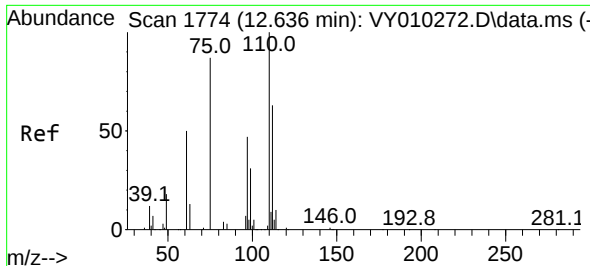
Tgt Ion:117 Resp: 260749
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 33.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY010325.D
Acq: 03 Sep 2022 17:09

Tgt Ion:152 Resp: 95608
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 157.0 0.0 347.6

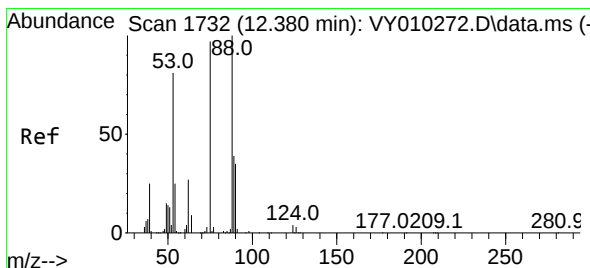
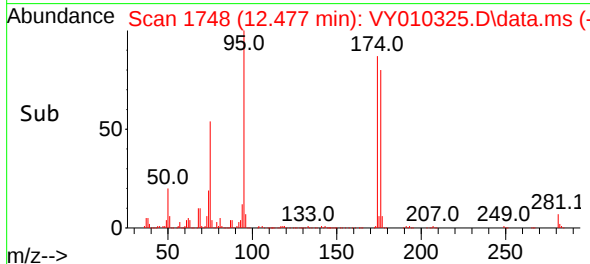
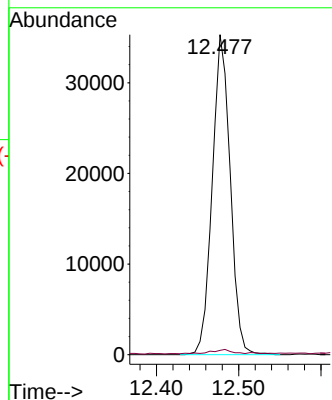
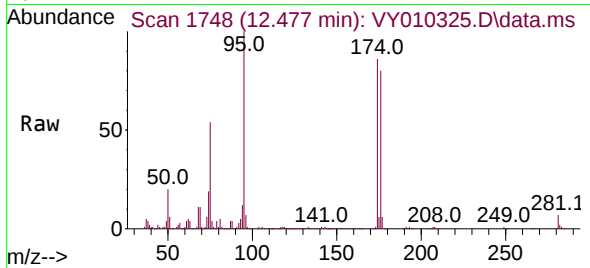




#76
1,2,3-Trichloropropane
Concen: 47.102 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY010325.D
Acq: 03 Sep 2022 17:09

Instrument :
MSVOA_Y
ClientSampleId :
KTS2-MH-01-1-2

Tgt Ion: 75 Resp: 53591
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.259 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010325.D
Acq: 03 Sep 2022 17:09

Tgt Ion: 75 Resp: 53591
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

