

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110723\
 Data File : VY016250.D
 Acq On : 07 Nov 2023 17:04
 Operator : SY/MD
 Sample : 05291-03
 Misc : 5.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 23:45:11 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	7.789	168	109913	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	193961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	185185	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	82610	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63092	61.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.680%
35) Dibromofluoromethane	7.722	113	56605	48.952	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.900%
50) Toluene-d8	10.179	98	224817	49.037	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.483	95	79086	50.447	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.900%

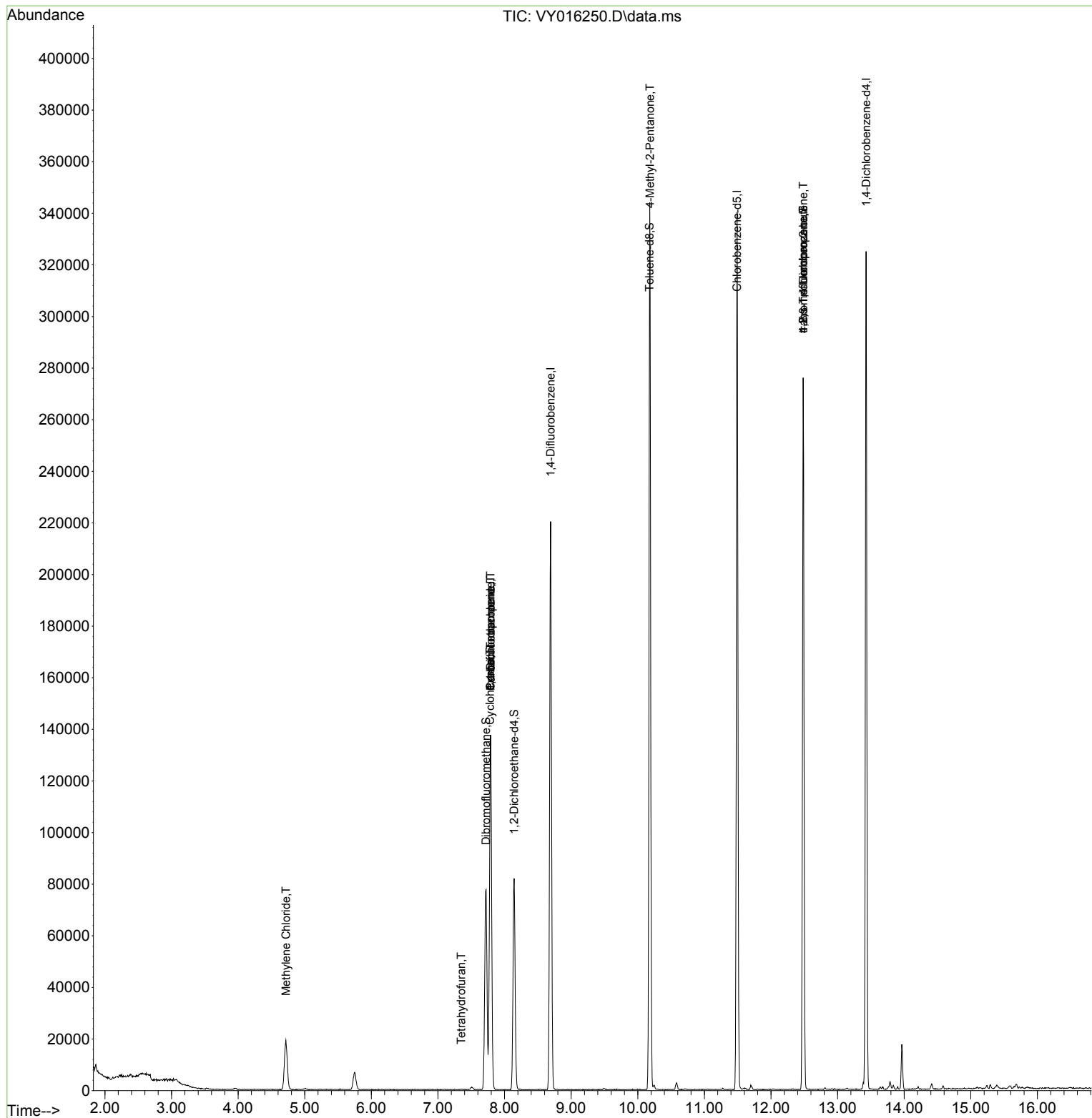
Target Compounds					Qvalue	
13) Acrolein	3.729	56	19	Below Cal	#	14
16) Acetone	3.942	43	853	Below Cal		100
20) Methylene Chloride	4.716	84	15051	12.078	ug/l	87
29) Tetrahydrofuran	7.350	42	209	1.175	ug/l	# 35
31) Cyclohexane	7.783	56	2011	1.272	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	8033	4.811	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	10476	6.333	ug/l	# 18
51) 4-Methyl-2-Pentanone	10.185	43	917	1.249	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	40958	52.649	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	40958	114.155	ug/l	# 11

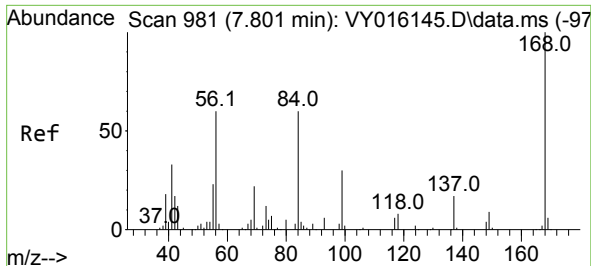
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110723\
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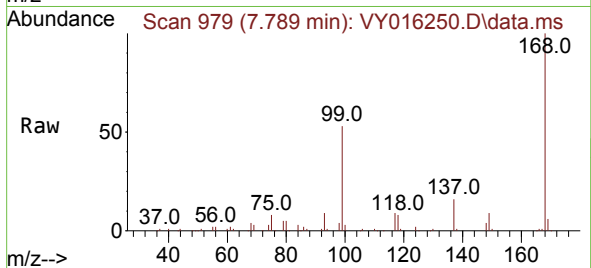
Quant Time: Nov 07 23:45:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration



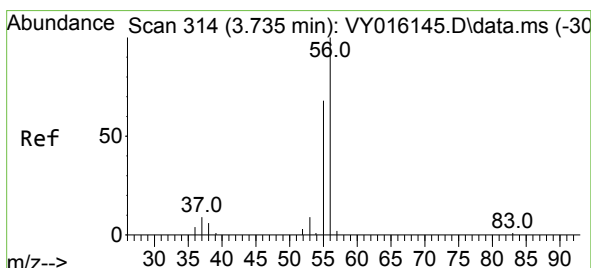
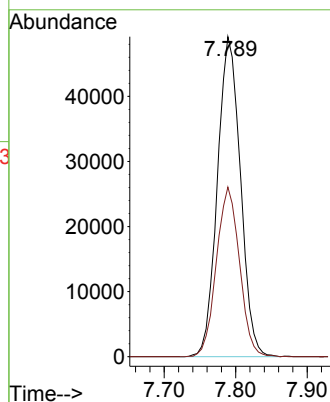
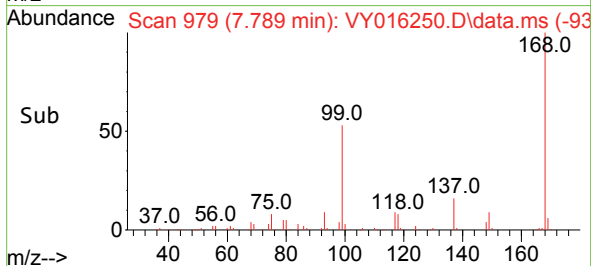


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016250.D
Acq: 07 Nov 2023 17:04

Instrument :
MSVOA_Y
ClientSampleId :

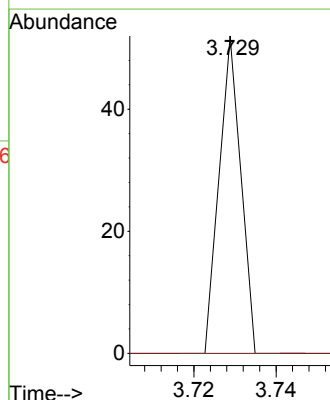
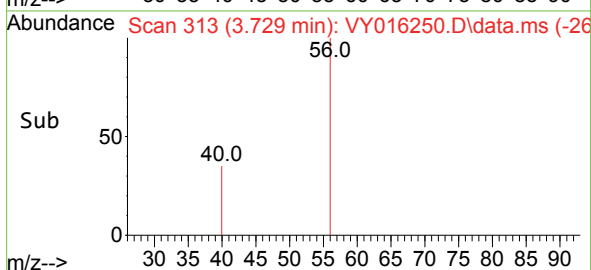
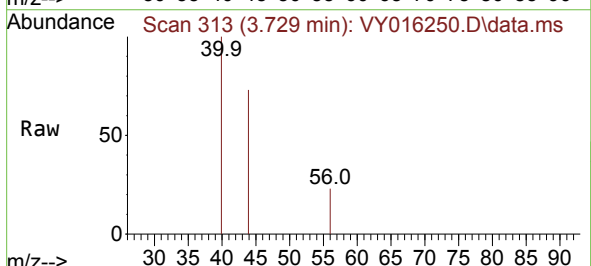


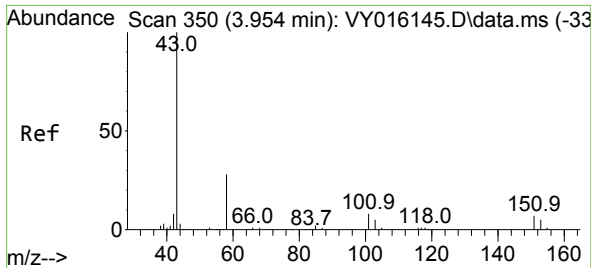
Tgt Ion:168 Resp: 109913
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY016250.D
Acq: 07 Nov 2023 17:04

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#

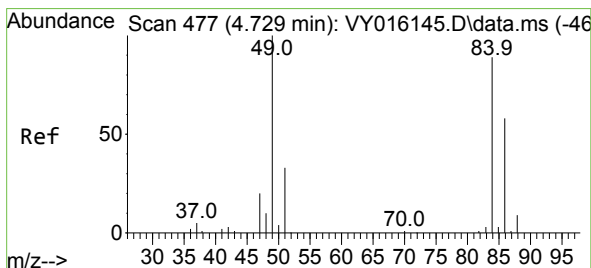
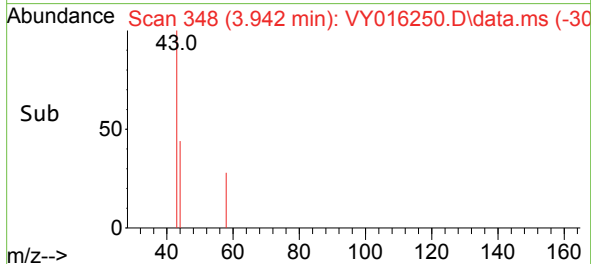
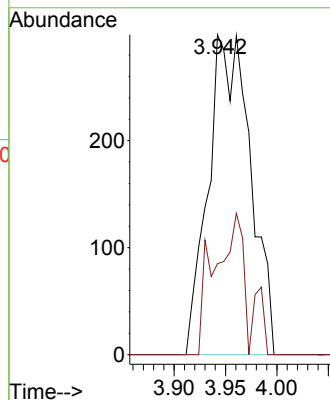
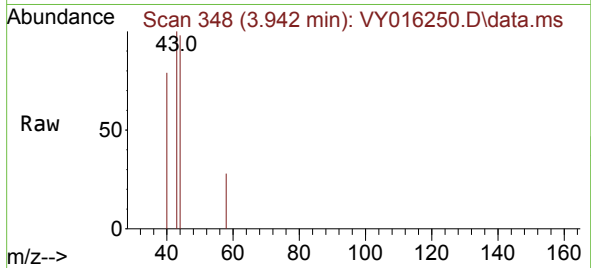




#16
Acetone
Concen: Below Cal
RT: 3.942 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY016250.D
Acq: 07 Nov 2023 17:04

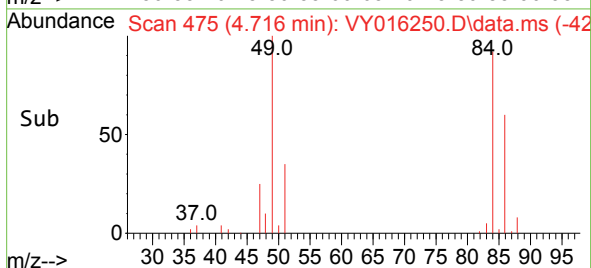
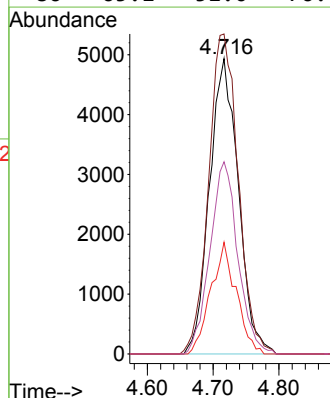
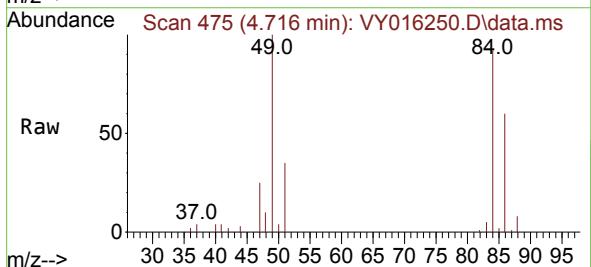
Instrument :
MSVOA_Y
ClientSampleId :

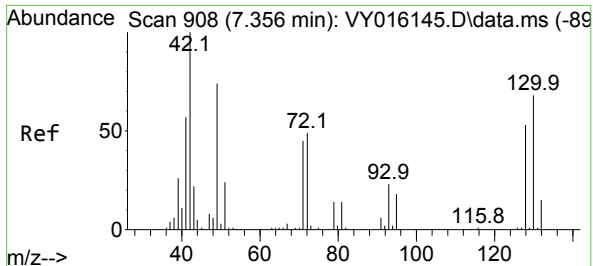
Tgt Ion: 43 Resp: 853
Ion Ratio Lower Upper
43 100
58 28.4 22.7 34.1



#20
Methylene Chloride
Concen: 12.078 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY016250.D
Acq: 07 Nov 2023 17:04

Tgt Ion: 84 Resp: 15051
Ion Ratio Lower Upper
84 100
49 108.4 106.9 160.3
51 37.9 33.2 49.8
86 65.1 51.0 76.6





#29

Tetrahydrofuran

Concen: 1.175 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

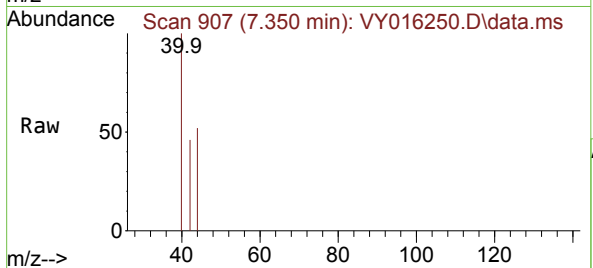
Lab File: VY016250.D

Acq: 07 Nov 2023 17:04

Instrument :

MSVOA_Y

ClientSampleId :



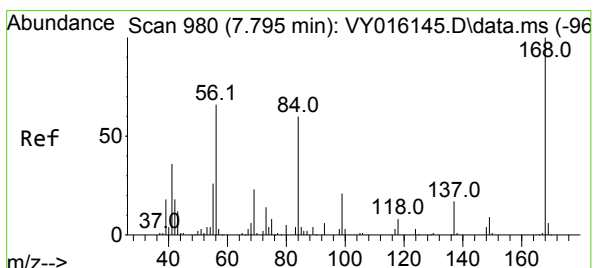
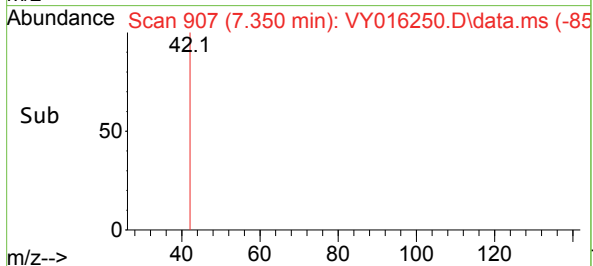
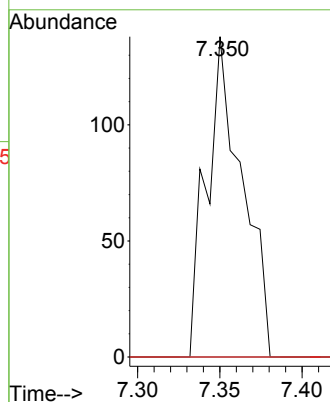
Tgt Ion: 42 Resp: 209

Ion Ratio Lower Upper

42 100

72 0.0 32.8 49.2#

71 0.0 31.0 46.4#



#31

Cyclohexane

Concen: 1.272 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.012 min

Lab File: VY016250.D

Acq: 07 Nov 2023 17:04

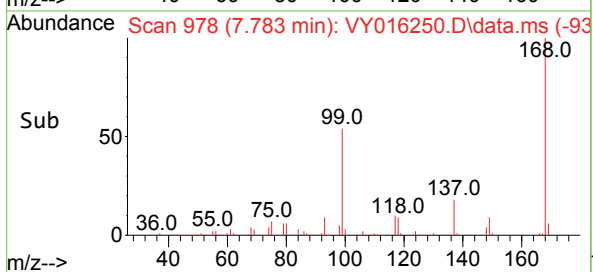
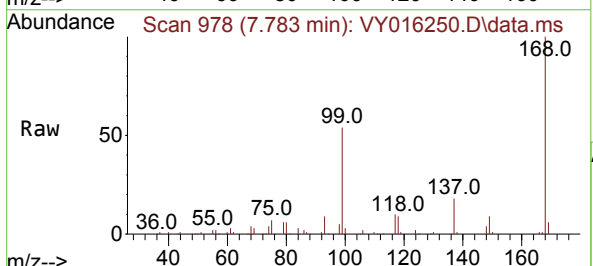
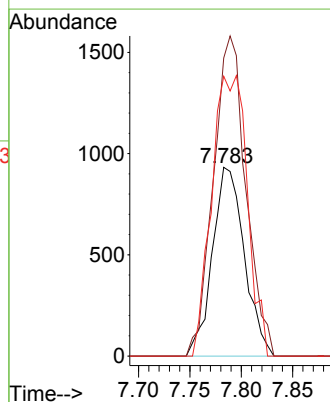
Tgt Ion: 56 Resp: 2011

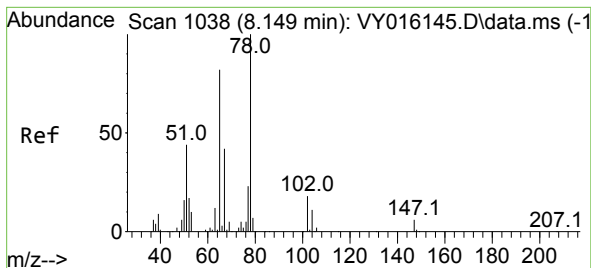
Ion Ratio Lower Upper

56 100

69 157.9 27.8 41.6#

84 148.3 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 61.344 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016250.D

Acq: 07 Nov 2023 17:04

Instrument :

MSVOA_Y

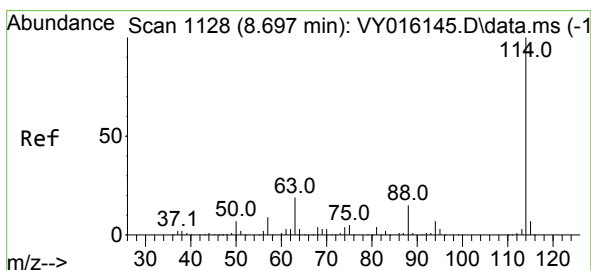
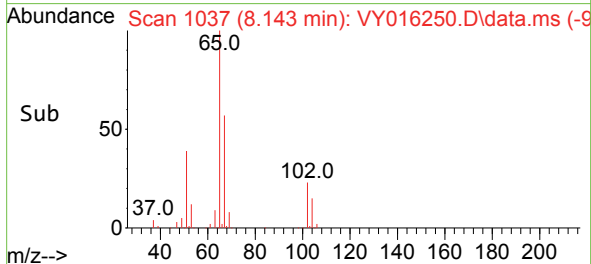
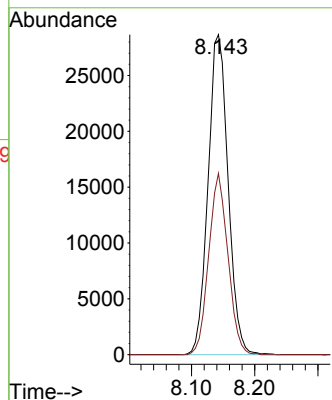
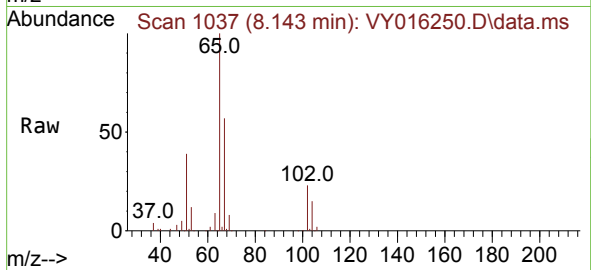
ClientSampleId :

Tgt Ion: 65 Resp: 63092

Ion Ratio Lower Upper

65 100

67 54.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY016250.D

Acq: 07 Nov 2023 17:04

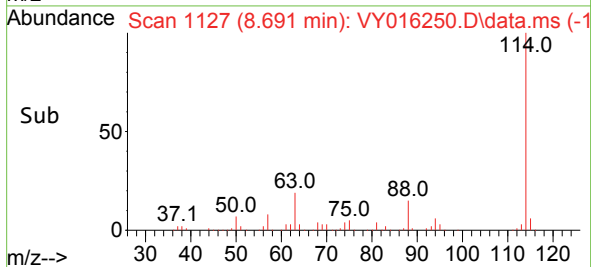
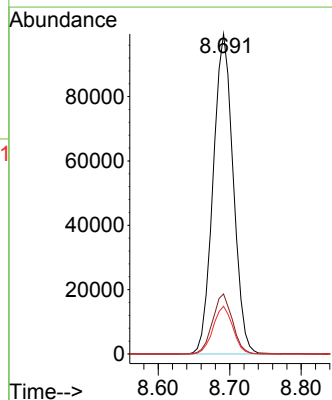
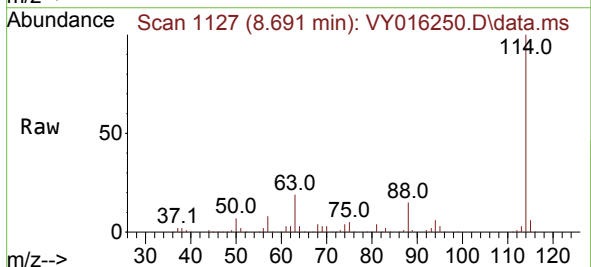
Tgt Ion: 114 Resp: 193961

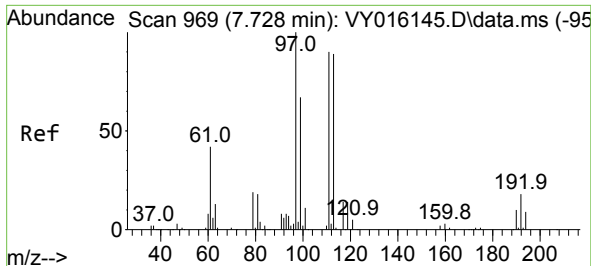
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

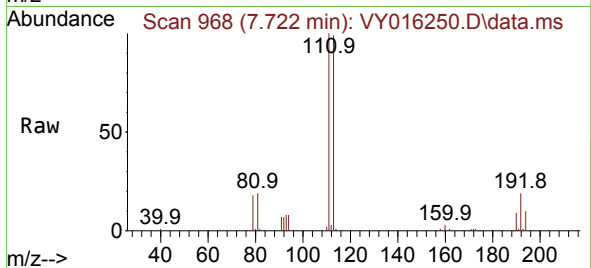
88 14.9 0.0 30.6



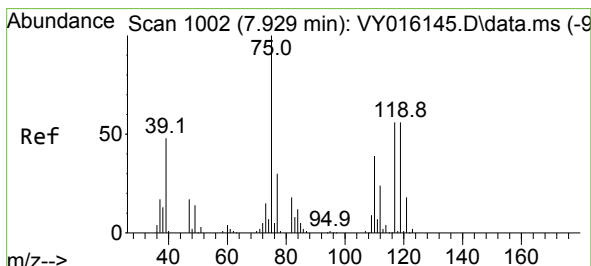
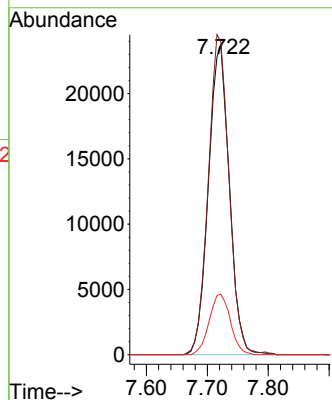
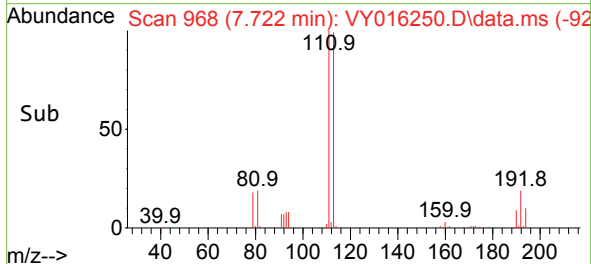


#35
Dibromofluoromethane
Concen: 48.952 ug/l
RT: 7.722 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY016250.D
Acq: 07 Nov 2023 17:04

Instrument :
MSVOA_Y
ClientSampleId :

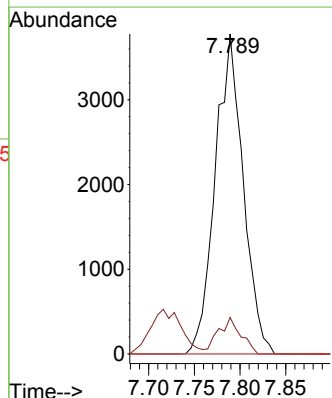
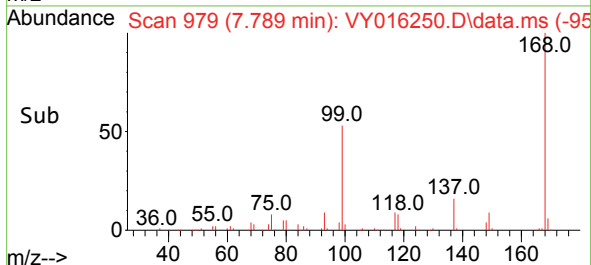
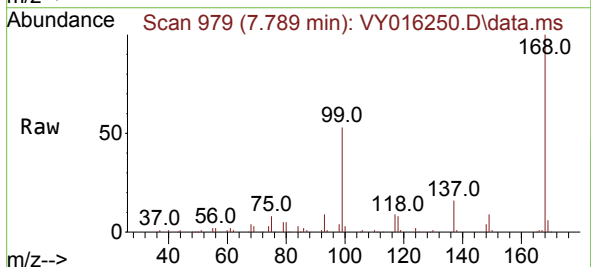


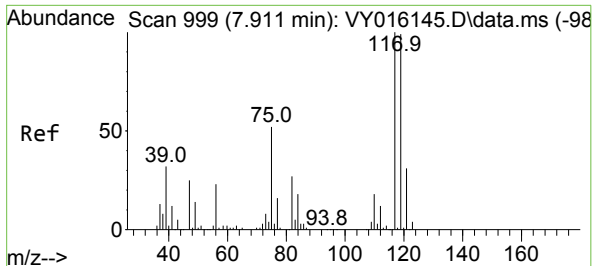
Tgt Ion:113 Resp: 56605
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.811 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY016250.D
Acq: 07 Nov 2023 17:04

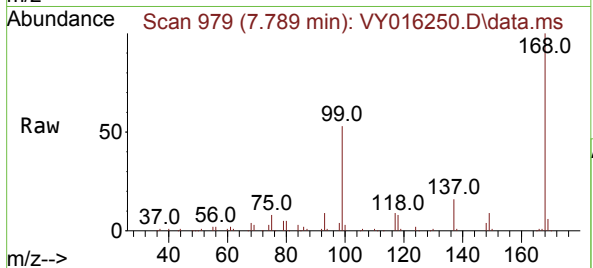
Tgt Ion: 75 Resp: 8033
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.5#
77 0.0 24.4 36.6#



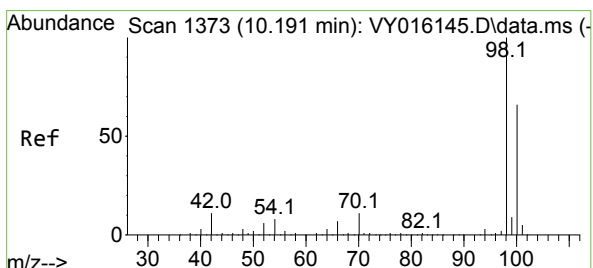
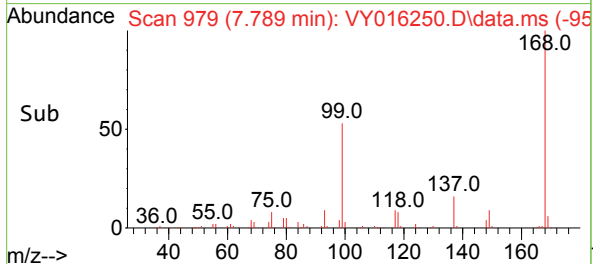
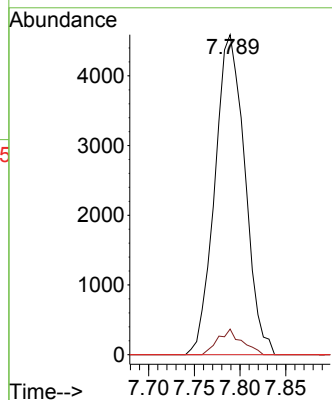


#38
Carbon Tetrachloride
Concen: 6.333 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY016250.D
Acq: 07 Nov 2023 17:04

Instrument :
MSVOA_Y
ClientSampleId :

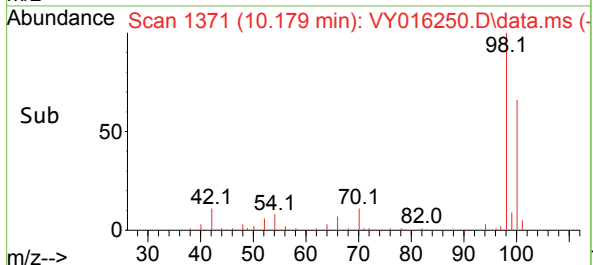
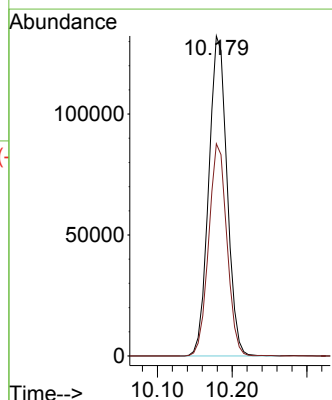
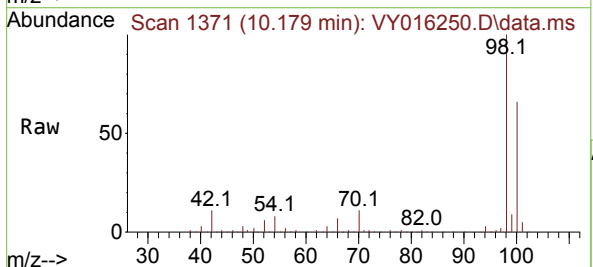


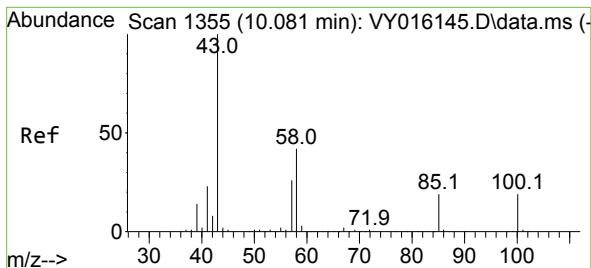
Tgt Ion:117 Resp: 10476
Ion Ratio Lower Upper
117 100
119 8.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.037 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.012 min
Lab File: VY016250.D
Acq: 07 Nov 2023 17:04

Tgt Ion: 98 Resp: 224817
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1

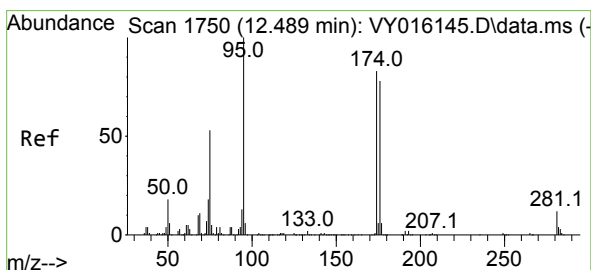
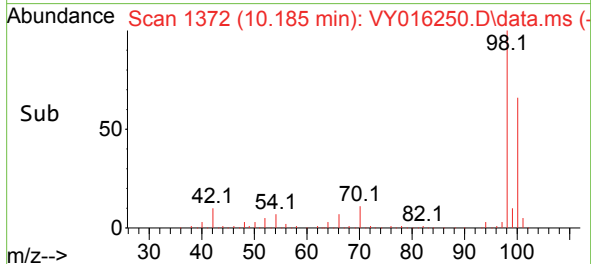
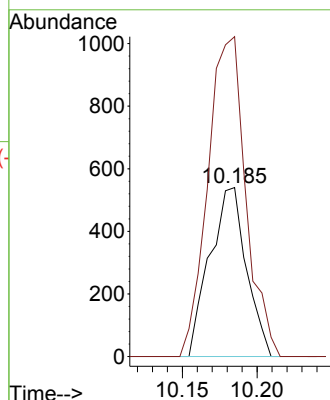
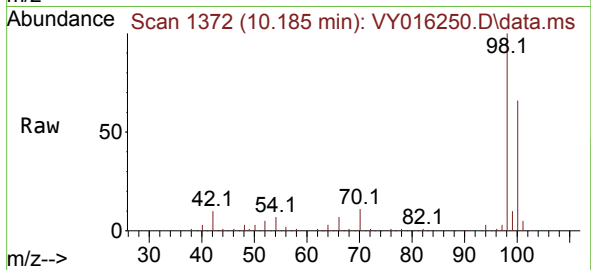




#51
4-Methyl-2-Pentanone
Concen: 1.249 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY016250.D
Acq: 07 Nov 2023 17:04

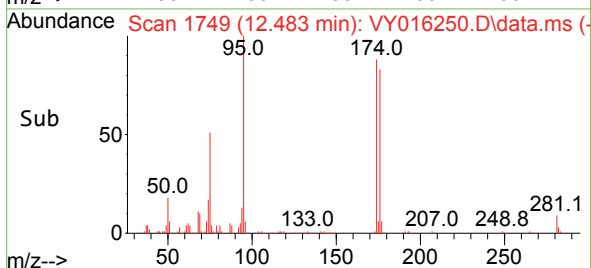
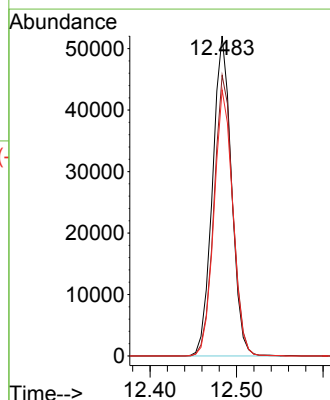
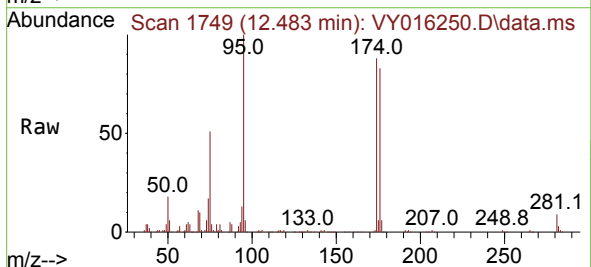
Instrument :
MSVOA_Y
ClientSampleId :

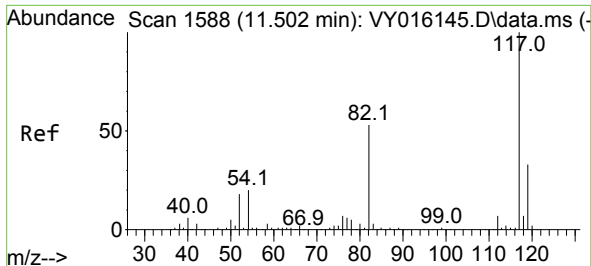
Tgt Ion: 43 Resp: 917
Ion Ratio Lower Upper
43 100
58 196.5 29.0 43.6#



#62
4-Bromofluorobenzene
Concen: 50.447 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016250.D
Acq: 07 Nov 2023 17:04

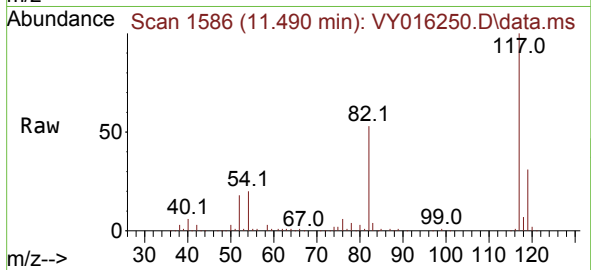
Tgt Ion: 95 Resp: 79086
Ion Ratio Lower Upper
95 100
174 87.3 0.0 178.2
176 82.8 0.0 173.8



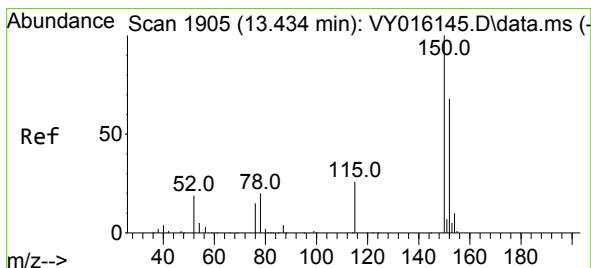
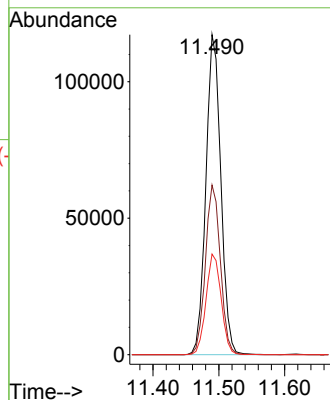
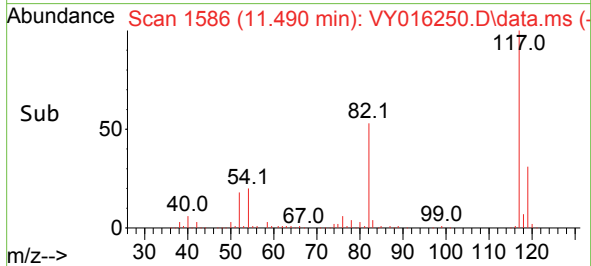


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016250.D
Acq: 07 Nov 2023 17:04

Instrument :
MSVOA_Y
ClientSampleId :

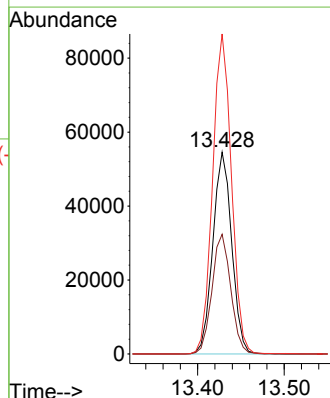
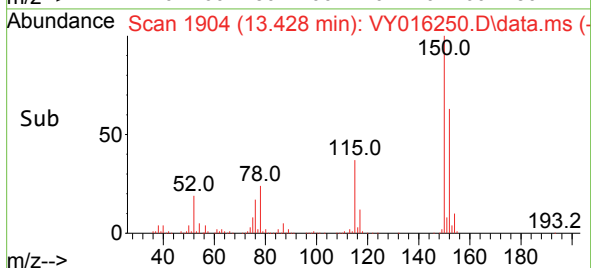
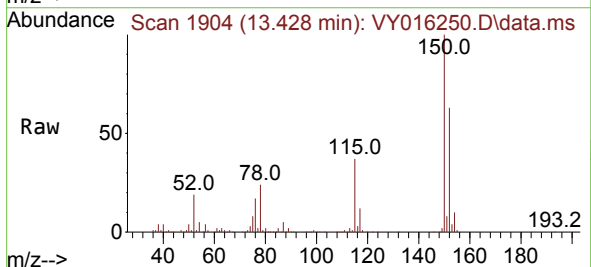


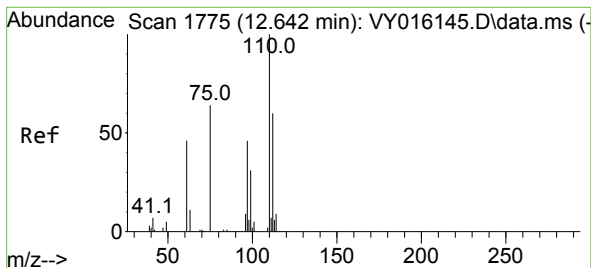
Tgt Ion:117 Resp: 185185
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 31.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY016250.D
Acq: 07 Nov 2023 17:04

Tgt Ion:152 Resp: 82610
Ion Ratio Lower Upper
152 100
115 59.1 28.8 86.5
150 158.5 0.0 348.8

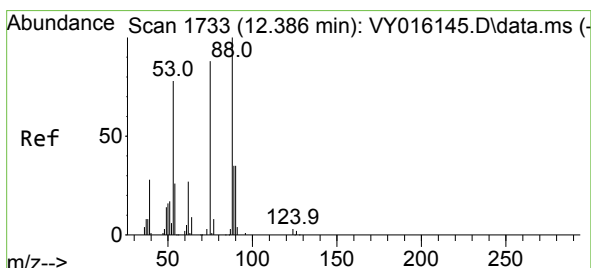
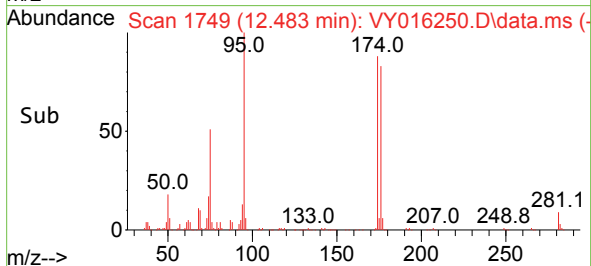
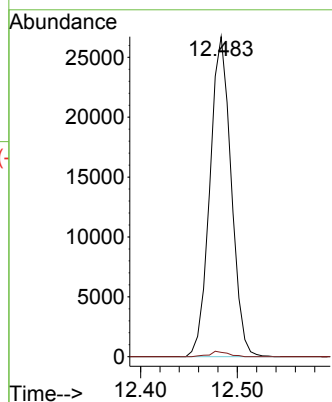
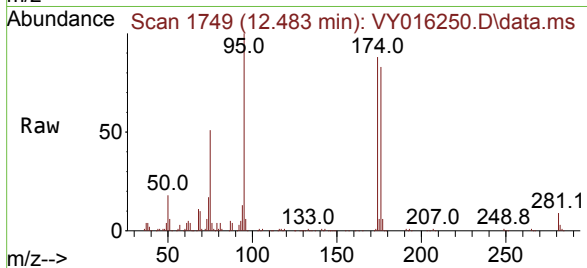




#76
1,2,3-Trichloropropane
Concen: 52.649 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.158 min
Lab File: VY016250.D
Acq: 07 Nov 2023 17:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 40958
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.155 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY016250.D
Acq: 07 Nov 2023 17:04

Tgt Ion: 75 Resp: 40958
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

