

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
 Data File : VY012532.D
 Acq On : 08 Feb 2023 11:08
 Operator : KP/MD
 Sample : VY0208SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0208SBL01

Quant Time: Feb 09 07:12:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

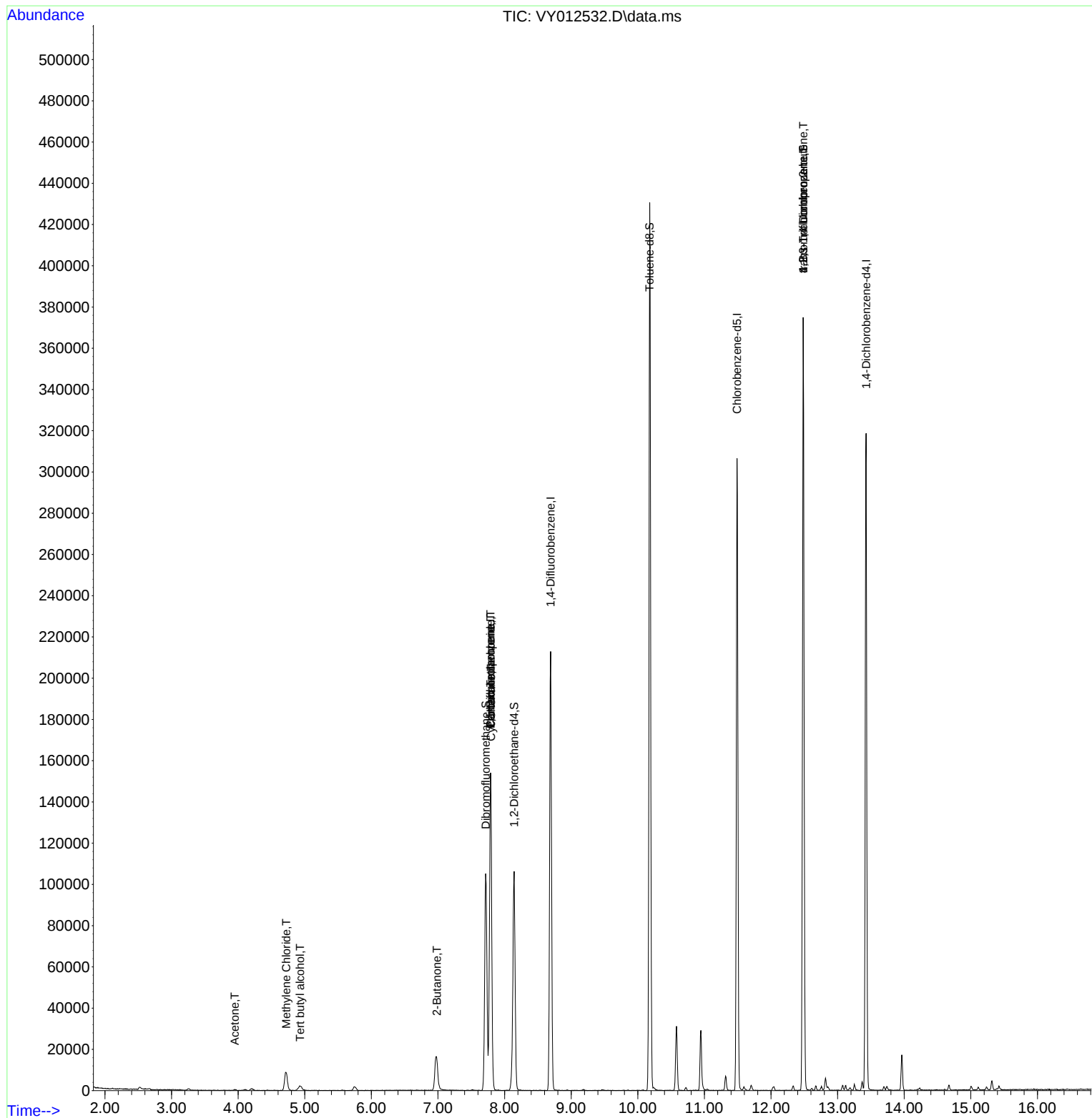
Internal Standards						
1) Pentafluorobenzene	7.789	168	124022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	191789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	174728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	85665	54.318	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.640%	
35) Dibromofluoromethane	7.715	113	71698	51.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.660%	
50) Toluene-d8	10.178	98	288608	49.644	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.280%	
62) 4-Bromofluorobenzene	12.483	95	89740	44.255	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.520%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	89	Below Cal	#	41
5) Bromomethane	2.661	94	237	Below Cal		98
11) Tert butyl alcohol	4.929	59	2432	7.170	ug/l #	75
16) Acetone	3.948	43	716	1.886	ug/l #	75
20) Methylene Chloride	4.722	84	7358	1.062	ug/l #	93
25) 2-Butanone	6.984	43	798	1.895	ug/l	89
31) Cyclohexane	7.795	56	2365	1.297	ug/l #	21
36) 1,1-Dichloropropene	7.789	75	8202	4.339	ug/l #	50
38) Carbon Tetrachloride	7.789	117	12205	4.810	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	49203	50.442	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49203	113.750	ug/l #	12

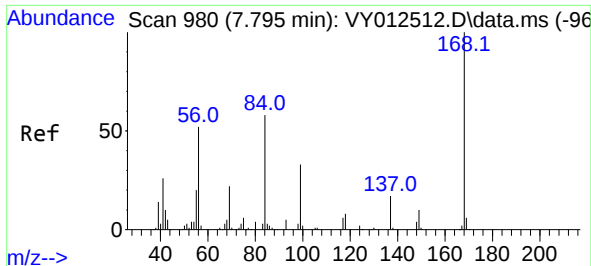
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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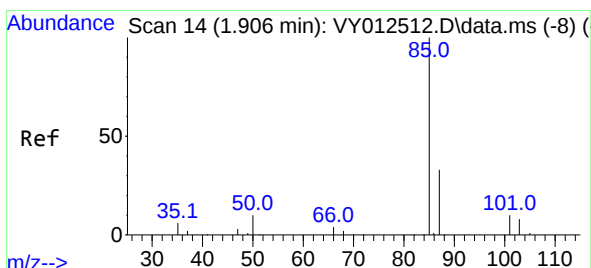
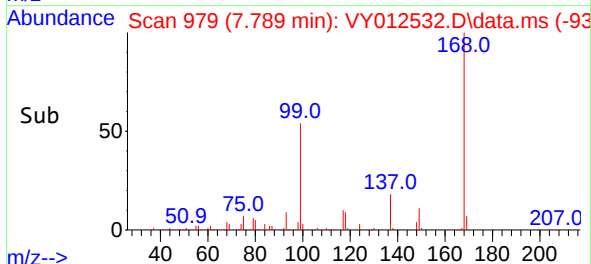
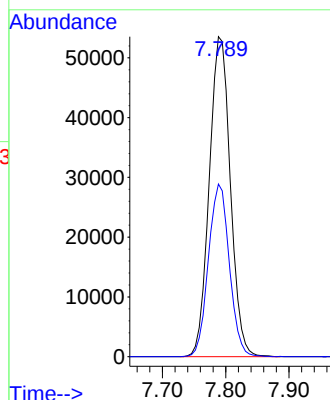
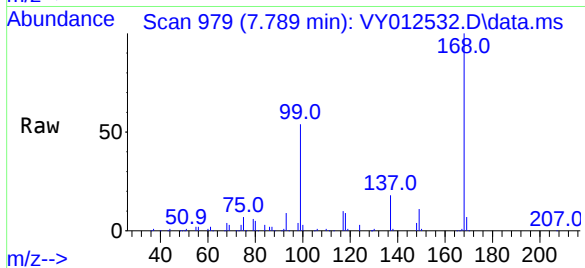




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012532.D
Acq: 08 Feb 2023 11:08

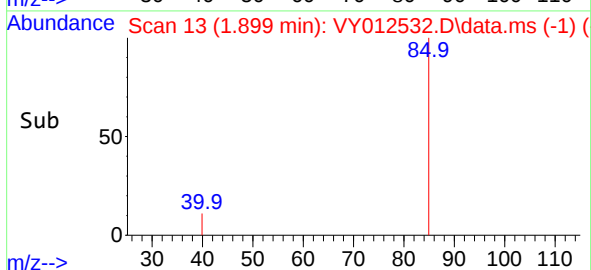
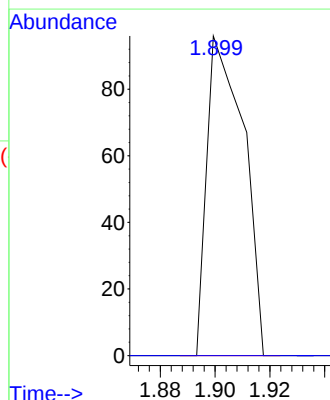
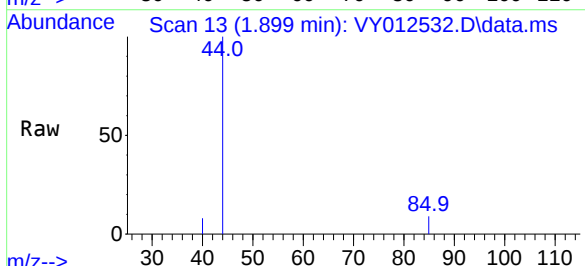
Instrument :
MSVOA_Y
ClientSampleId :
VY0208SBL01

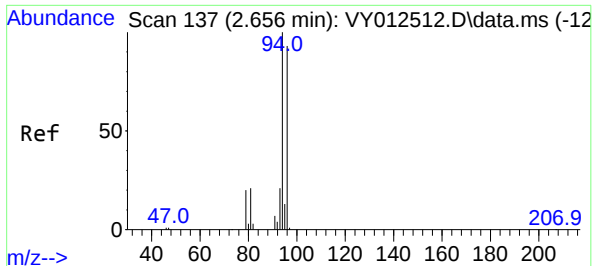
Tgt Ion:168 Resp: 124022
Ion Ratio Lower Upper
168 100
99 54.0 40.8 61.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.899 min Scan# 13
Delta R.T. -0.007 min
Lab File: VY012532.D
Acq: 08 Feb 2023 11:08

Tgt Ion: 85 Resp: 89
Ion Ratio Lower Upper
85 100
87 0.0 16.6 49.8#

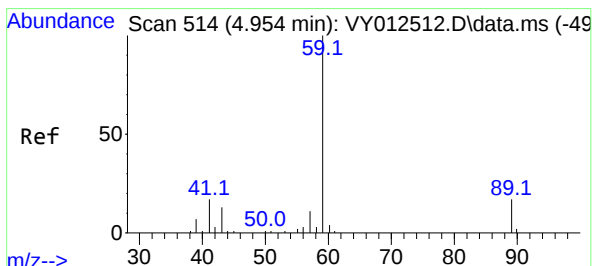
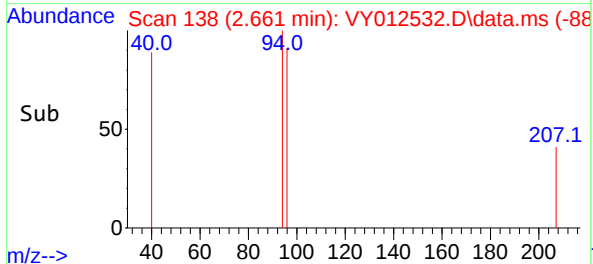
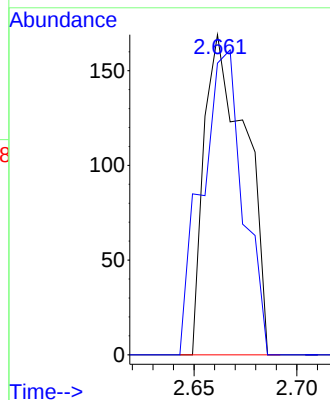
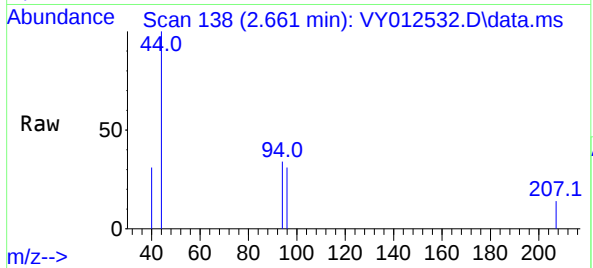




#5
Bromomethane
Concen: Below Cal
RT: 2.661 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY012532.D
Acq: 08 Feb 2023 11:08

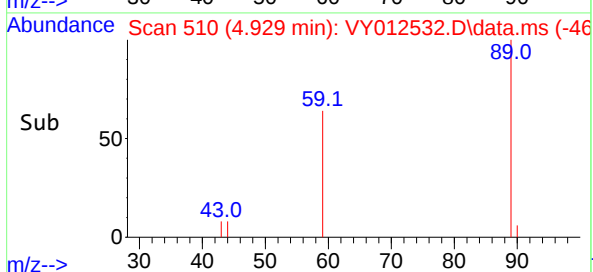
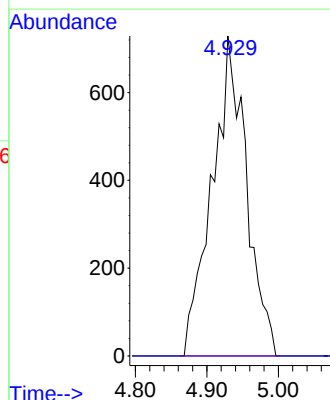
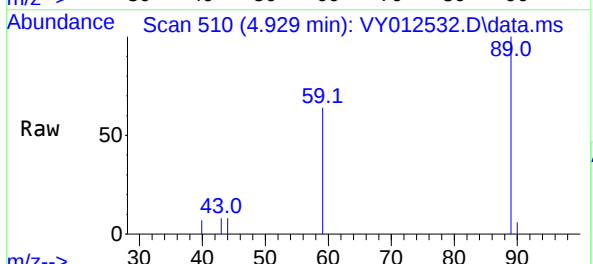
Instrument :
MSVOA_Y
ClientSampleId :
VY0208SBL01

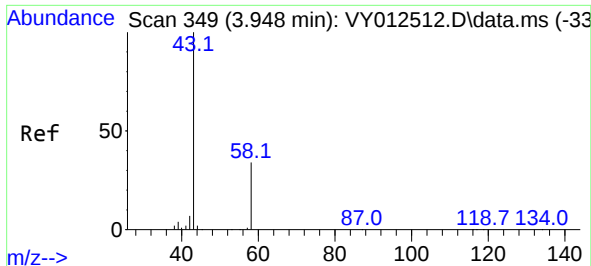
Tgt Ion: 94 Resp: 237
Ion Ratio Lower Upper
94 100
96 91.1 74.7 112.1



#11
Tert butyl alcohol
Concen: 7.170 ug/l
RT: 4.929 min Scan# 510
Delta R.T. -0.025 min
Lab File: VY012532.D
Acq: 08 Feb 2023 11:08

Tgt Ion: 59 Resp: 2432
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

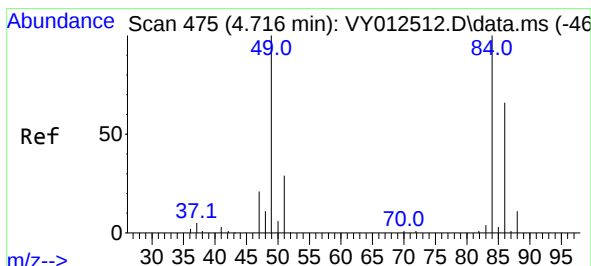
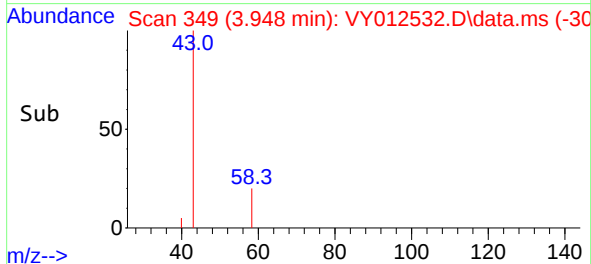
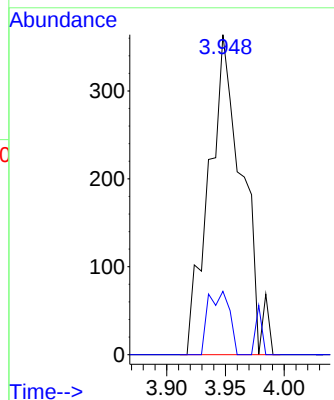
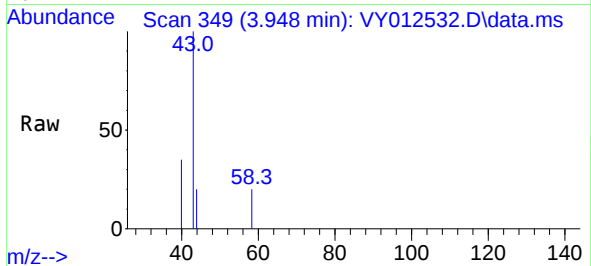




#16
Acetone
Concen: 1.886 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012532.D
Acq: 08 Feb 2023 11:08

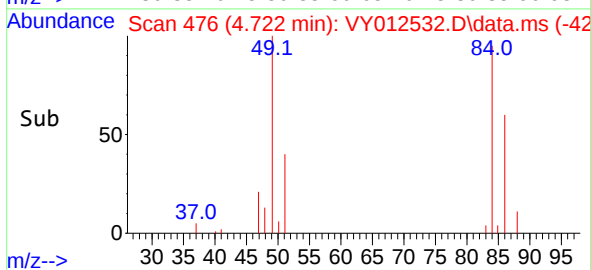
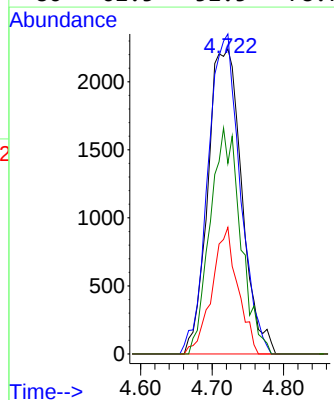
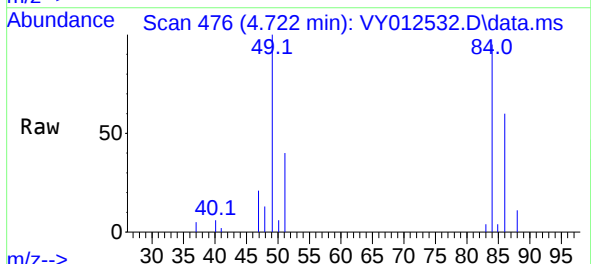
Instrument :
MSVOA_Y
ClientSampleId :
VY0208SBL01

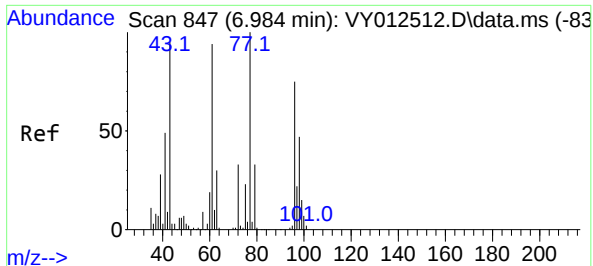
Tgt Ion: 43 Resp: 716
Ion Ratio Lower Upper
43 100
58 19.8 27.1 40.7#



#20
Methylene Chloride
Concen: 1.062 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012532.D
Acq: 08 Feb 2023 11:08

Tgt Ion: 84 Resp: 7358
Ion Ratio Lower Upper
84 100
49 105.0 79.8 119.6
51 41.5 23.4 35.2#
86 62.5 52.5 78.7





#25

2-Butanone

Concen: 1.895 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012532.D

Acq: 08 Feb 2023 11:08

Instrument :

MSVOA_Y

ClientSampleId :

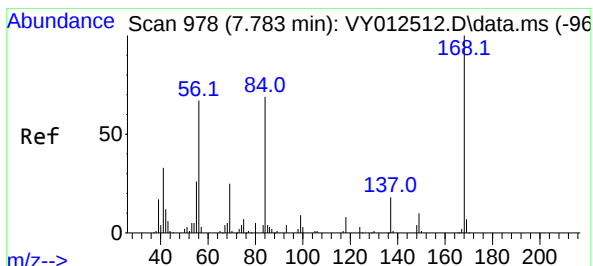
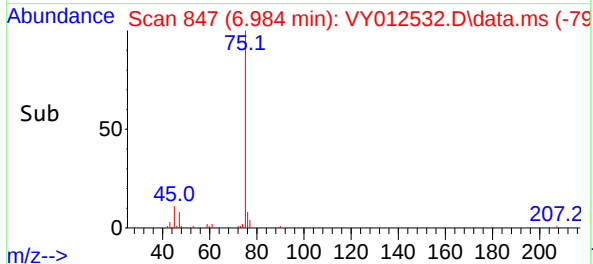
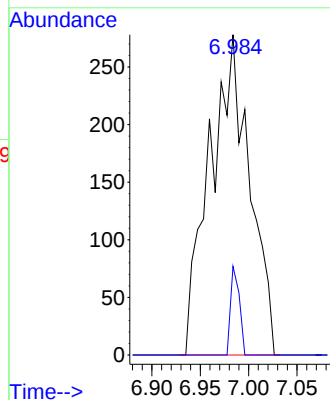
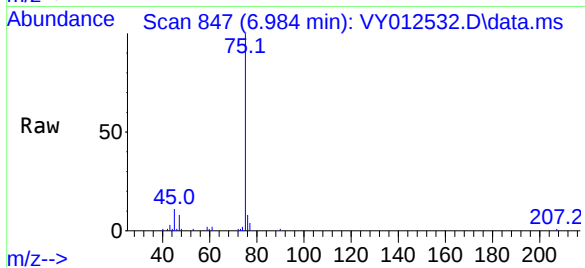
VY0208SBL01

Tgt Ion: 43 Resp: 798

Ion Ratio Lower Upper

43 100

72 27.7 27.4 41.2



#31

Cyclohexane

Concen: 1.297 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.012 min

Lab File: VY012532.D

Acq: 08 Feb 2023 11:08

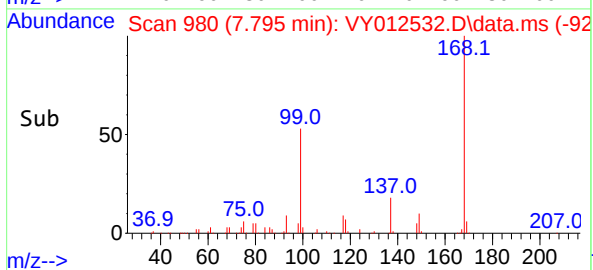
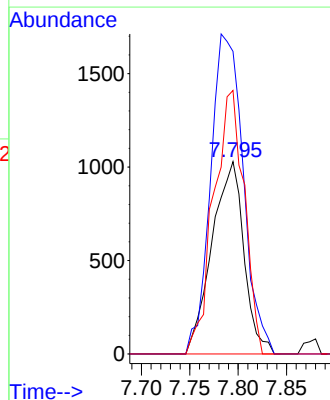
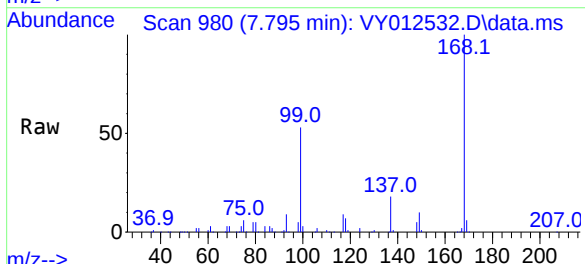
Tgt Ion: 56 Resp: 2365

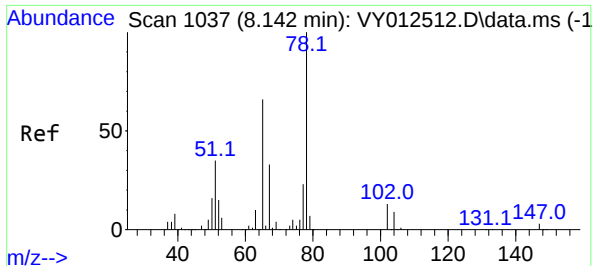
Ion Ratio Lower Upper

56 100

69 157.3 29.5 44.3#

84 137.0 81.9 122.9#





#33

1,2-Dichloroethane-d4

Concen: 54.318 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012532.D

Acq: 08 Feb 2023 11:08

Instrument :

MSVOA_Y

ClientSampleId :

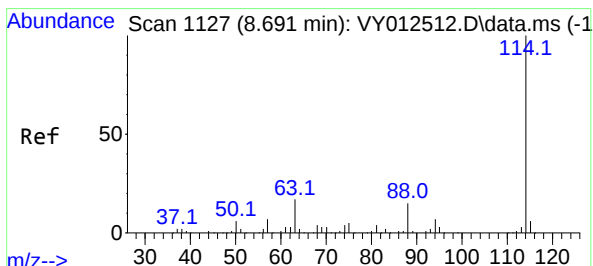
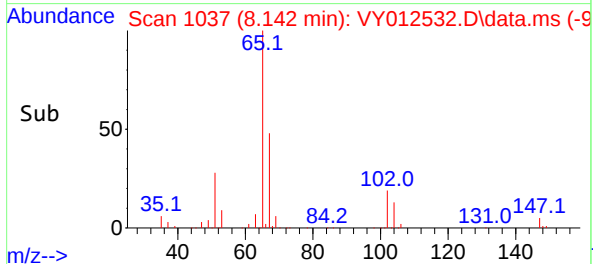
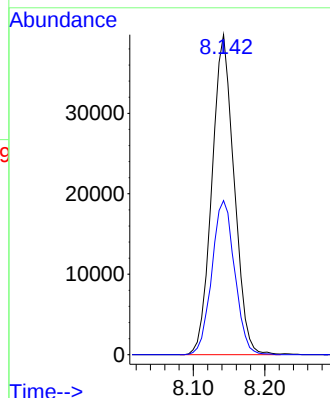
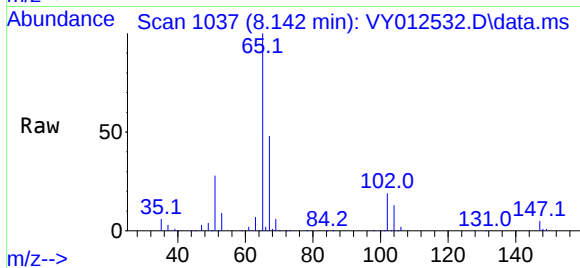
VY0208SBL01

Tgt Ion: 65 Resp: 85665

Ion Ratio Lower Upper

65 100

67 49.5 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012532.D

Acq: 08 Feb 2023 11:08

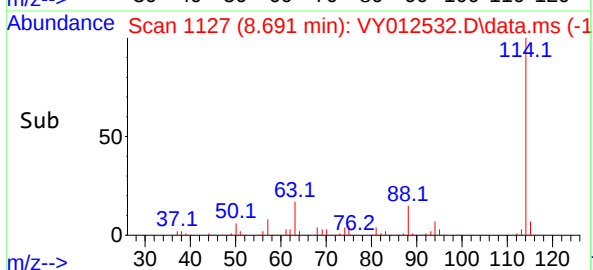
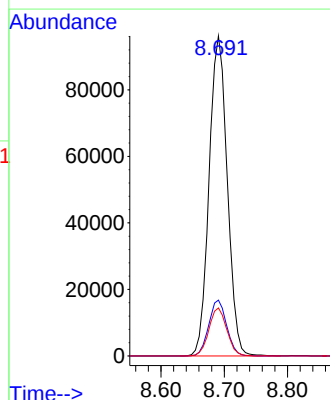
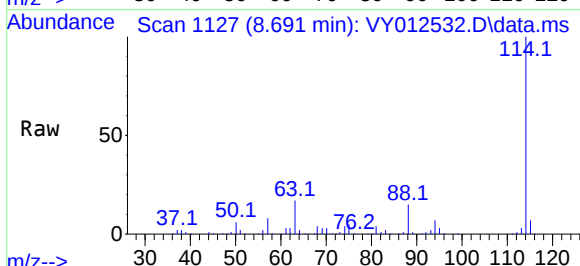
Tgt Ion:114 Resp: 191789

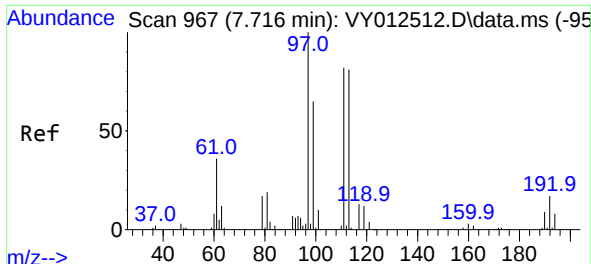
Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.6

88 15.0 0.0 29.8

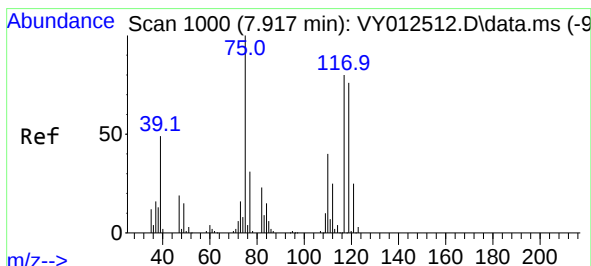
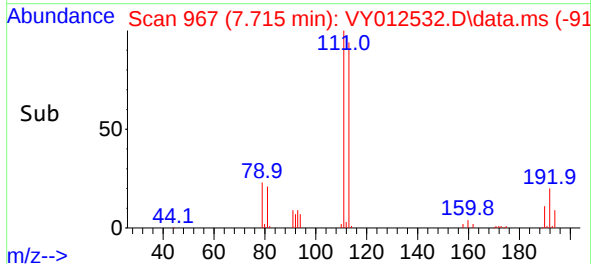
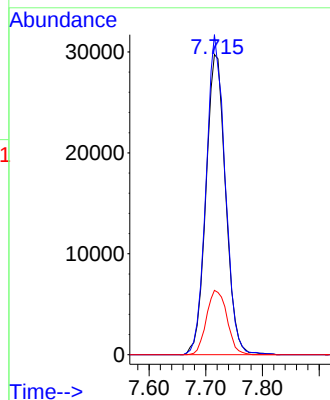
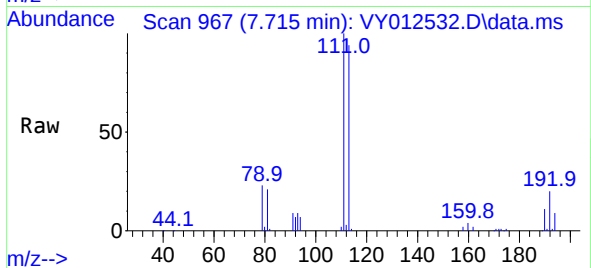




#35
Dibromofluoromethane
Concen: 51.333 ug/l
RT: 7.715 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY012532.D
Acq: 08 Feb 2023 11:08

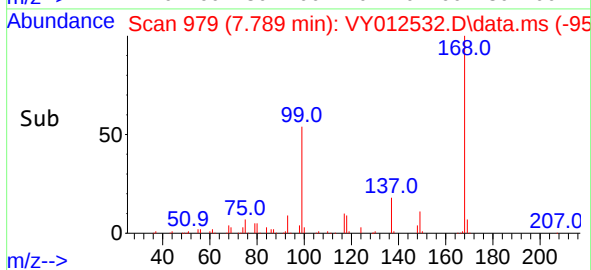
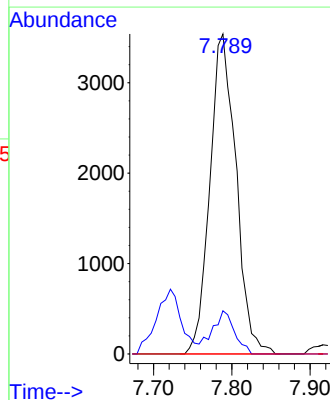
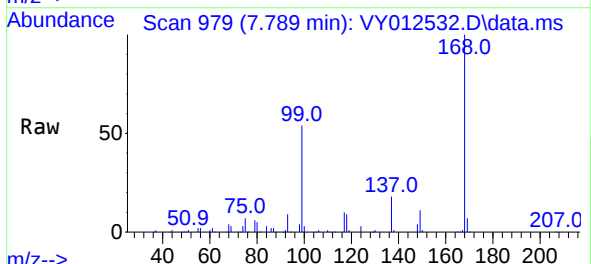
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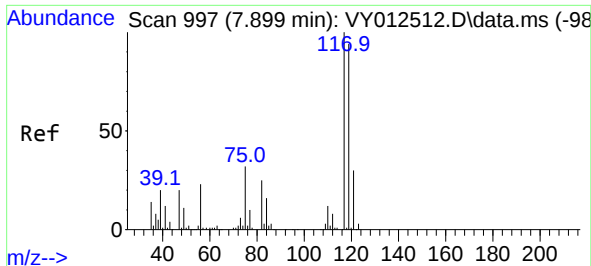
Tgt Ion:113 Resp: 71698
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 22.3 17.5 26.3



#36
1,1-Dichloropropene
Concen: 4.339 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012532.D
Acq: 08 Feb 2023 11:08

Tgt Ion: 75 Resp: 8202
Ion Ratio Lower Upper
75 100
110 11.4 19.5 58.5#
77 0.0 24.9 37.3#

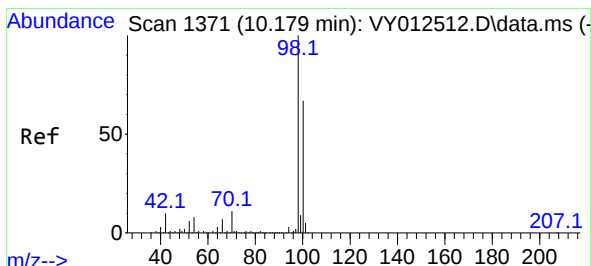
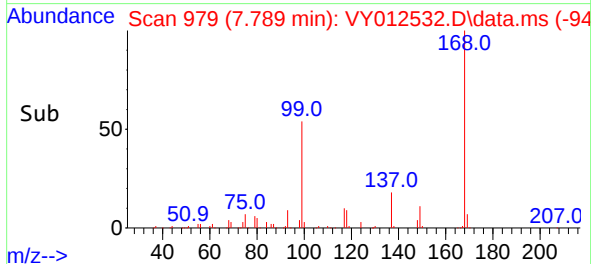
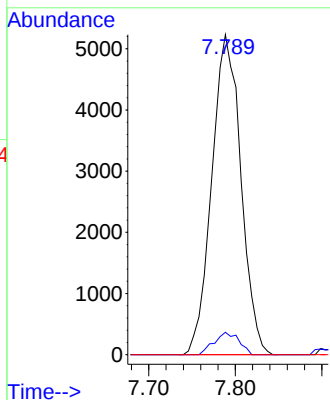
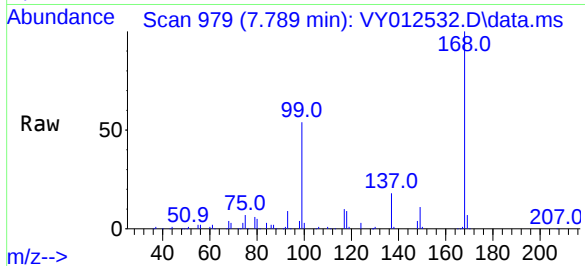




#38
Carbon Tetrachloride
Concen: 4.810 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012532.D
Acq: 08 Feb 2023 11:08

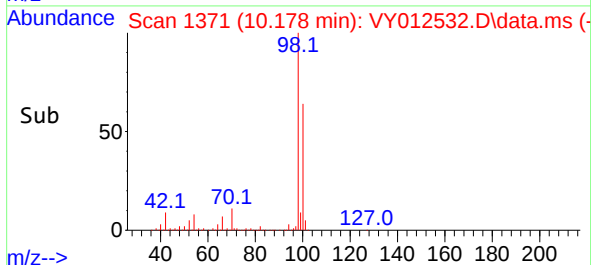
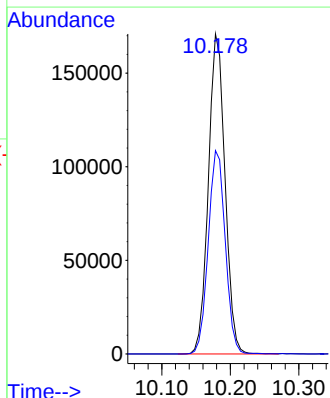
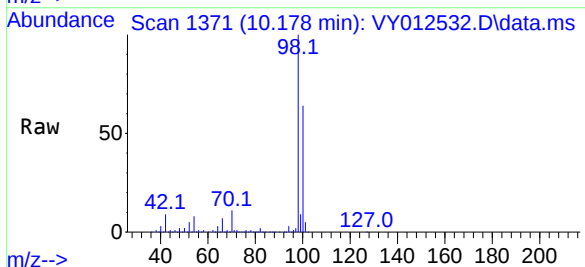
Instrument :
MSVOA_Y
ClientSampleId :
VY0208SBL01

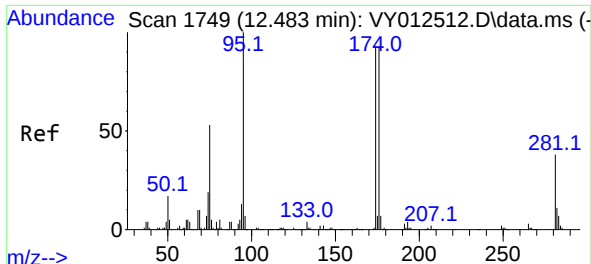
Tgt Ion:117 Resp: 12205
Ion Ratio Lower Upper
117 100
119 7.0 75.1 112.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 49.644 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012532.D
Acq: 08 Feb 2023 11:08

Tgt Ion: 98 Resp: 288608
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2

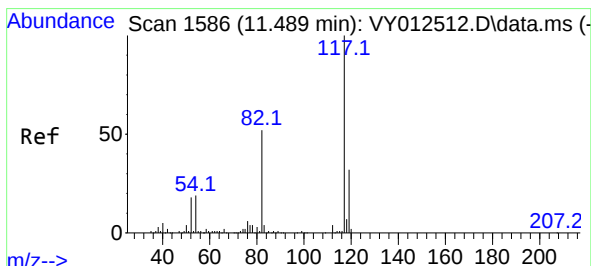
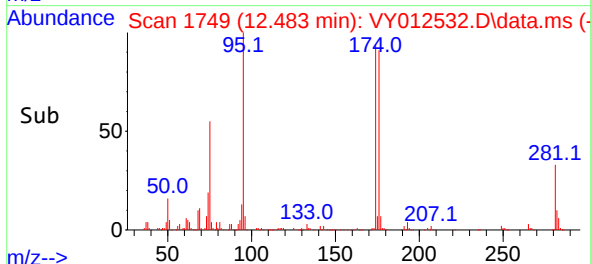
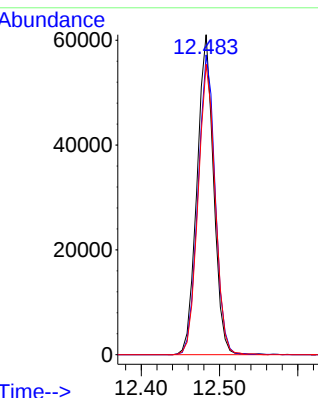
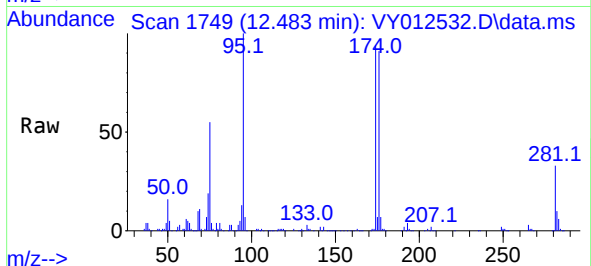




#62
4-Bromofluorobenzene
Concen: 44.255 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012532.D
Acq: 08 Feb 2023 11:08

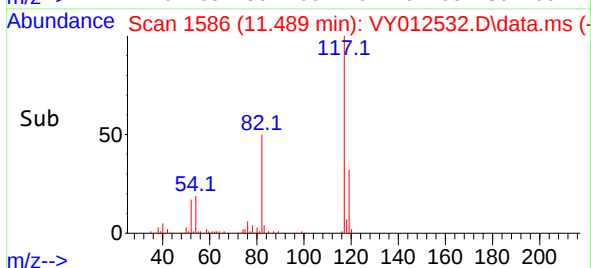
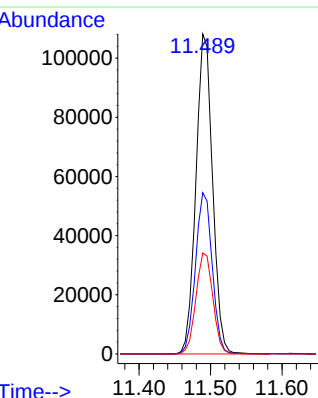
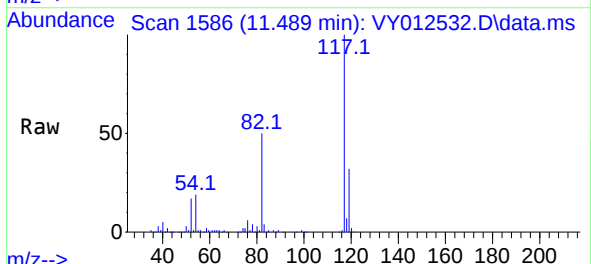
Instrument :
MSVOA_Y
ClientSampleId :
VY0208SBL01

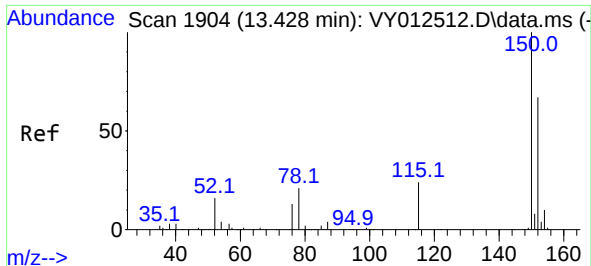
Tgt Ion:	95	Resp:	89740
Ion	Ratio	Lower	Upper
95	100		
174	96.7	0.0	188.0
176	93.2	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012532.D
Acq: 08 Feb 2023 11:08

Tgt Ion:	117	Resp:	174728
Ion	Ratio	Lower	Upper
117	100		
82	50.4	41.7	62.5
119	31.5	25.8	38.8

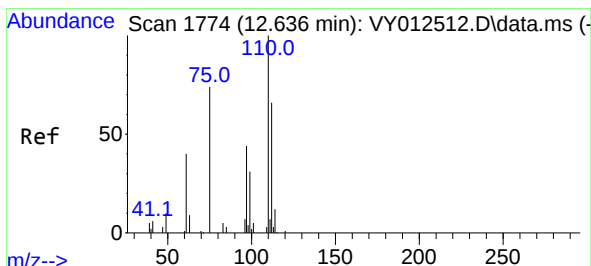
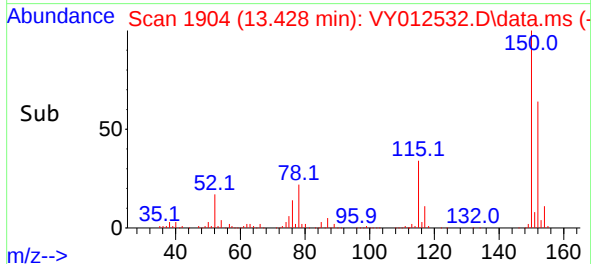
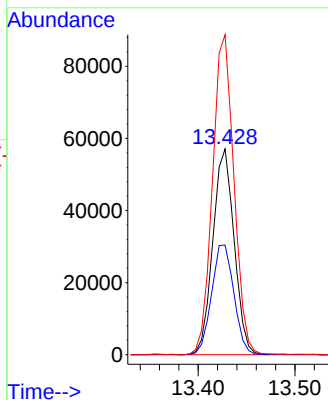
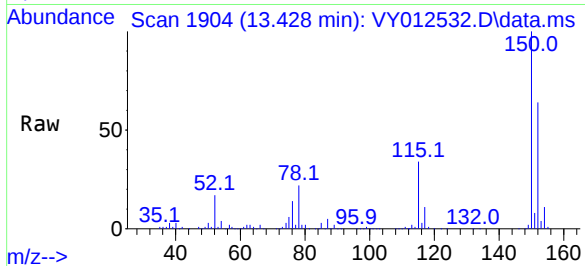




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012532.D
 Acq: 08 Feb 2023 11:08

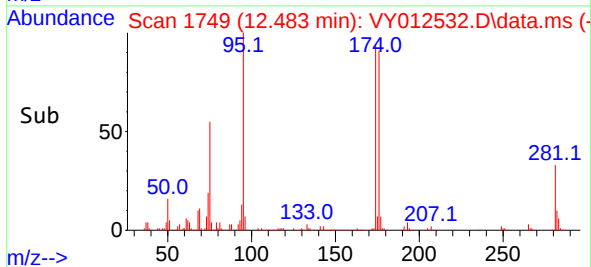
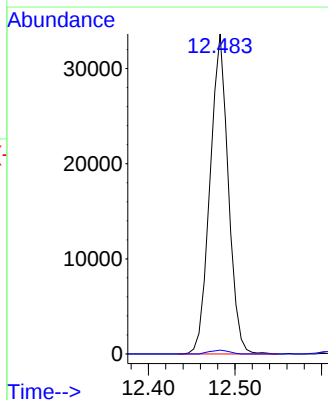
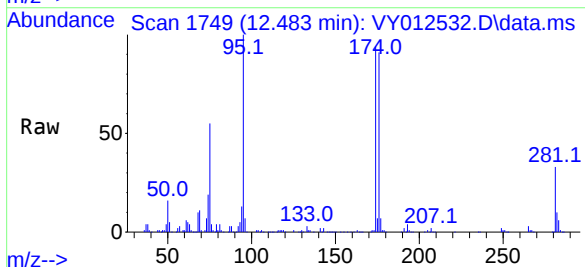
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0208SBL01

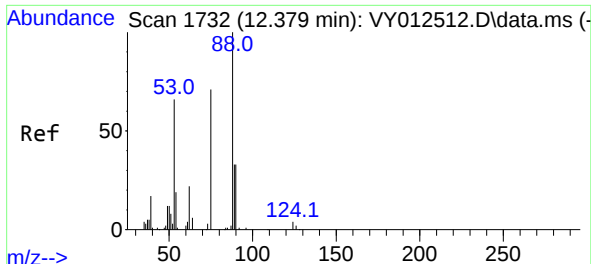
Tgt Ion:152 Resp: 87308
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.1 84.3
 150 156.4 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 50.442 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY012532.D
 Acq: 08 Feb 2023 11:08

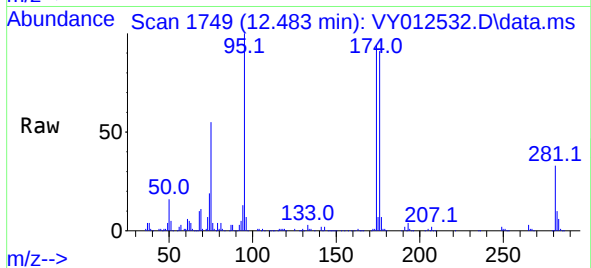
Tgt Ion: 75 Resp: 49203
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 113.750 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY012532.D
Acq: 08 Feb 2023 11:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0208SBL01



Tgt Ion: 75 Resp: 49203
Ion Ratio Lower Upper
75 100
53 0.0 73.1 109.7#
89 0.3 39.9 59.9#

