

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013951.D
 Acq On : 31 May 2023 21:17
 Operator : KP/MD
 Sample : 02852-09
 Misc : 6.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 01 03:32:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	19614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	26399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	20665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7216	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10352	45.621	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.240%
35) Dibromofluoromethane	7.728	113	9065	53.171	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.340%
50) Toluene-d8	10.185	98	30183	46.581	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.160%
62) 4-Bromofluorobenzene	12.483	95	6892	31.999	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	64.000%

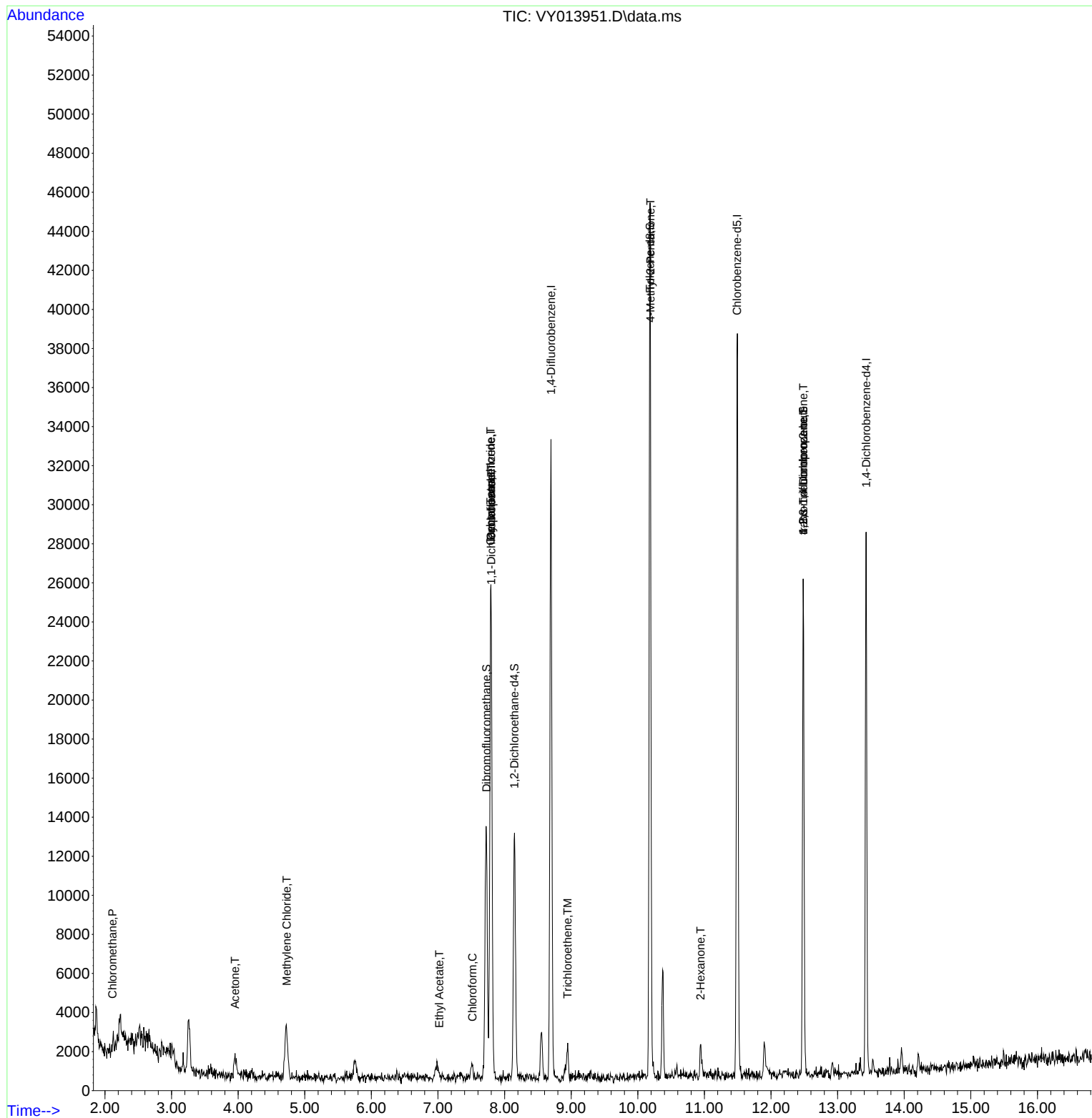
Target Compounds			Qvalue			
3) Chloromethane	2.113	50	278	1.270	ug/l #	43
16) Acetone	3.954	43	1803	26.771	ug/l	91
20) Methylene Chloride	4.728	84	1828	5.389	ug/l #	77
30) Chloroform	7.515	83	416	1.039	ug/l	93
31) Cyclohexane	7.795	56	542	1.555	ug/l #	60
36) 1,1-Dichloropropene	7.801	75	1570	6.046	ug/l #	45
37) Ethyl Acetate	7.021	43	232	1.465	ug/l #	71
38) Carbon Tetrachloride	7.789	117	2089	7.074	ug/l #	13
44) Trichloroethene	8.947	130	493	2.454	ug/l	82
51) 4-Methyl-2-Pentanone	10.191	43	236	1.534	ug/l #	1
59) 2-Hexanone	10.941	43	280	2.559	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	4014	47.176	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4014	102.403	ug/l #	10

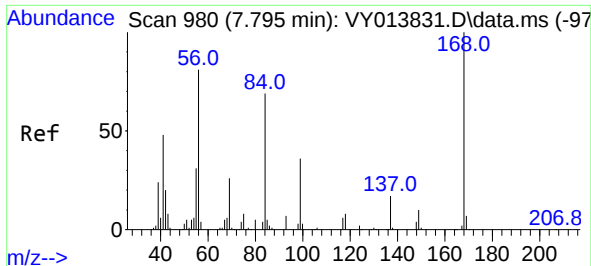
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

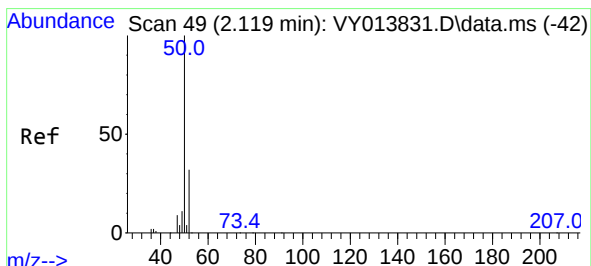
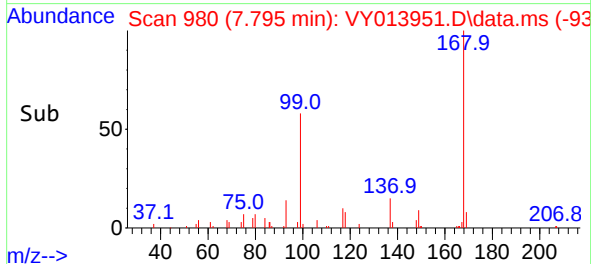
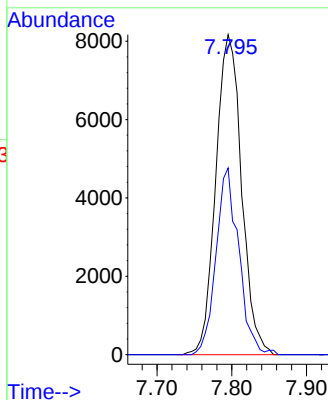
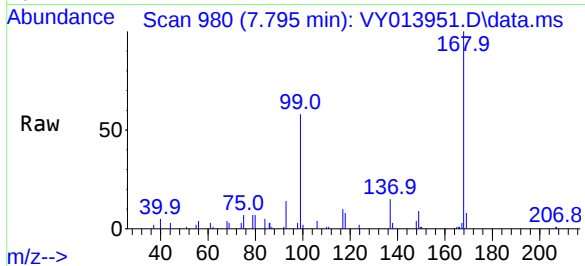




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

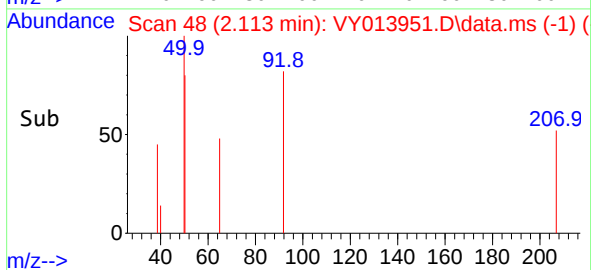
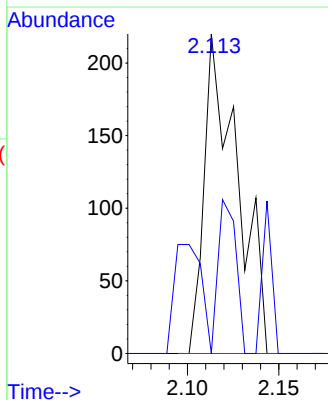
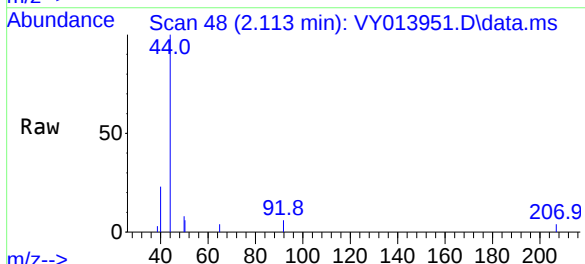
Instrument :
MSVOA_Y
ClientSampleId :

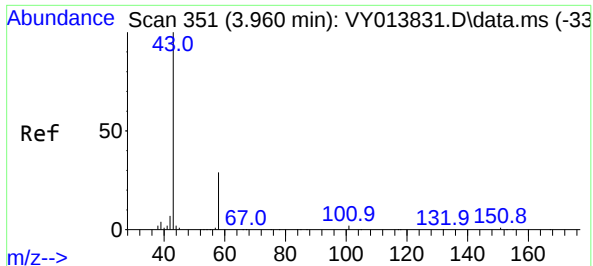
Tgt Ion:168 Resp: 19614
Ion Ratio Lower Upper
168 100
99 58.4 43.4 65.2



#3
Chloromethane
Concen: 1.270 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Tgt Ion: 50 Resp: 278
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

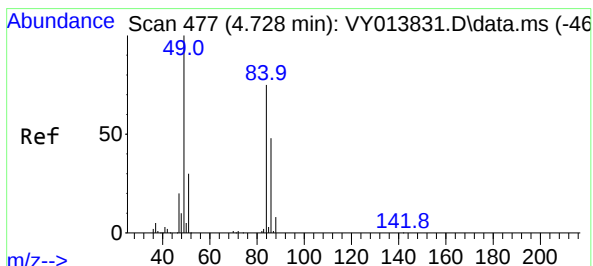
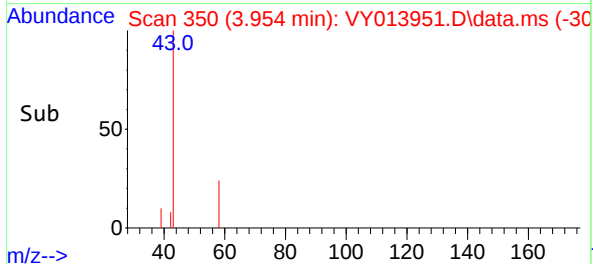
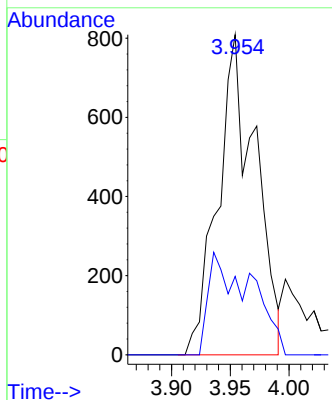
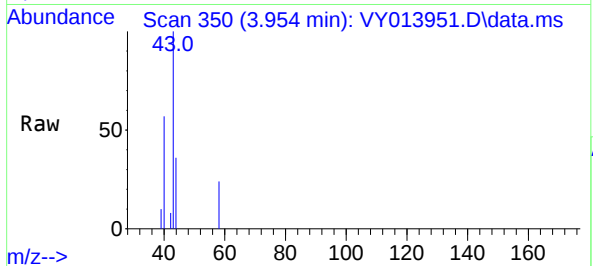




#16
Acetone
Concen: 26.771 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

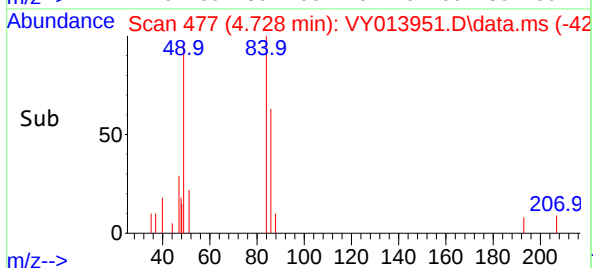
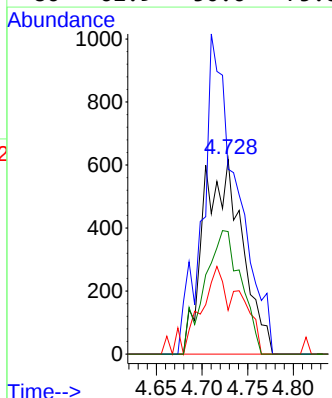
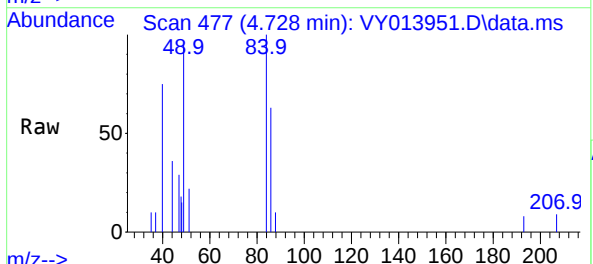
Instrument :
MSVOA_Y
ClientSampleId :

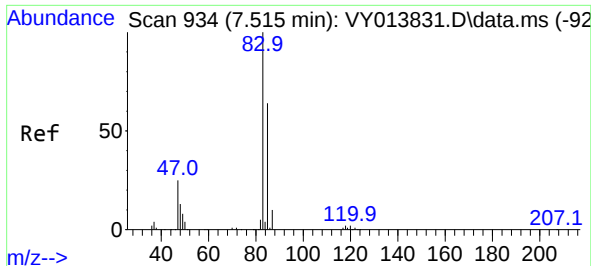
Tgt Ion: 43 Resp: 1803
Ion Ratio Lower Upper
43 100
58 24.5 23.3 34.9



#20
Methylene Chloride
Concen: 5.389 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

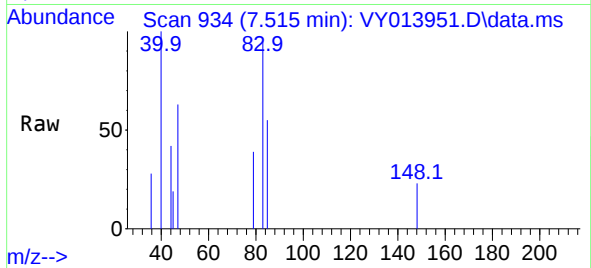
Tgt Ion: 84 Resp: 1828
Ion Ratio Lower Upper
84 100
49 95.0 106.2 159.2#
51 22.5 31.4 47.0#
86 62.9 50.6 75.8



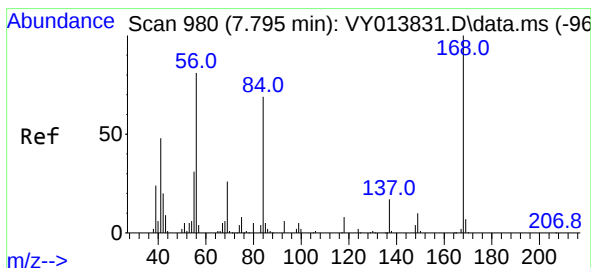
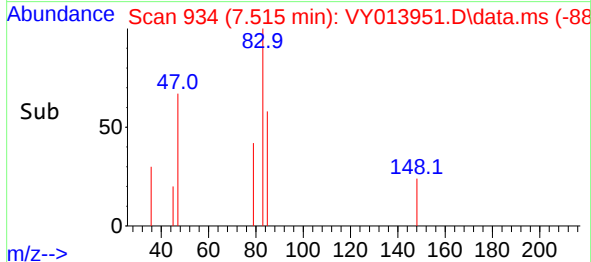
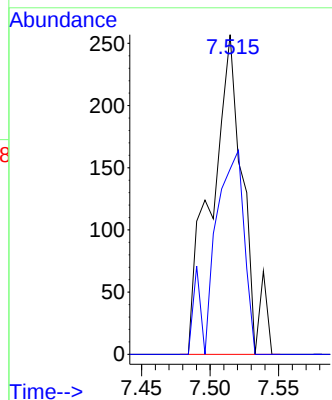


#30
Chloroform
Concen: 1.039 ug/l
RT: 7.515 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Instrument :
MSVOA_Y
ClientSampleId :

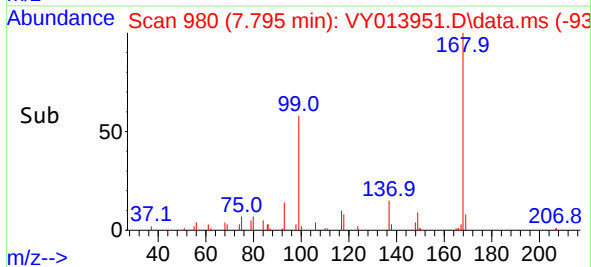
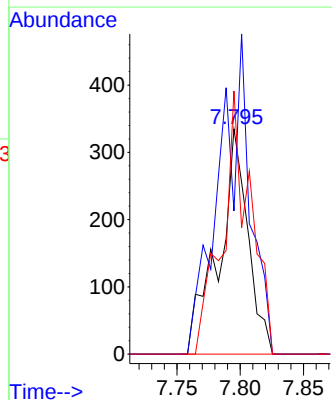
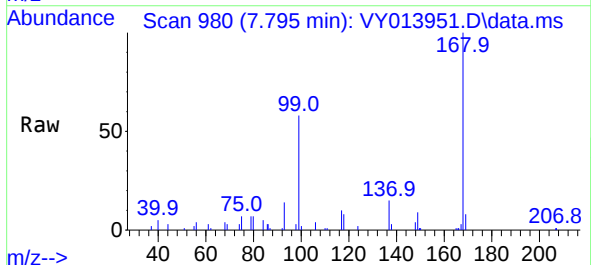


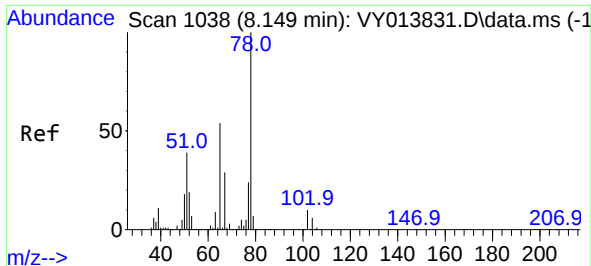
Tgt Ion: 83 Resp: 416
Ion Ratio Lower Upper
83 100
85 58.0 51.0 76.6



#31
Cyclohexane
Concen: 1.555 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Tgt Ion: 56 Resp: 542
Ion Ratio Lower Upper
56 100
69 63.6 25.8 38.8#
84 116.7 68.2 102.2#





#33

1,2-Dichloroethane-d4

Concen: 45.621 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY013951.D

Acq: 31 May 2023 21:17

Instrument :

MSVOA_Y

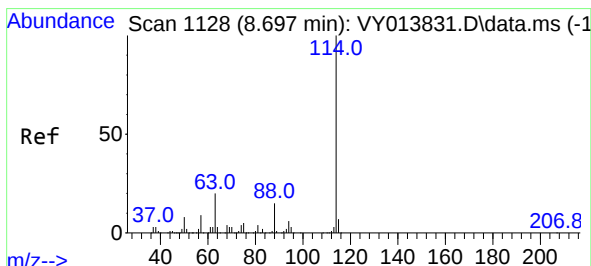
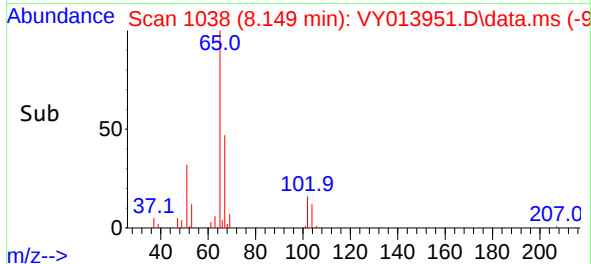
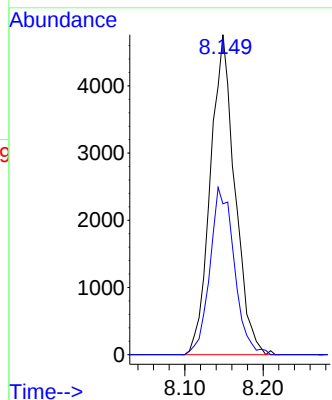
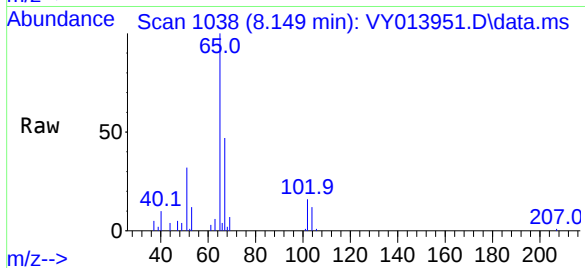
ClientSampleId :

Tgt Ion: 65 Resp: 10352

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY013951.D

Acq: 31 May 2023 21:17

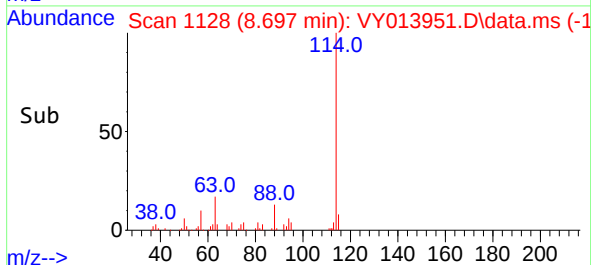
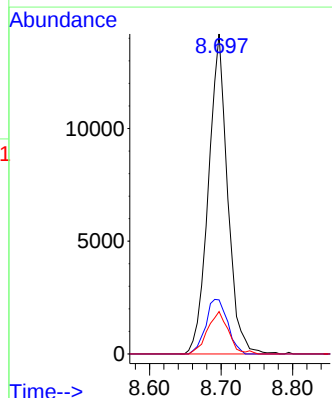
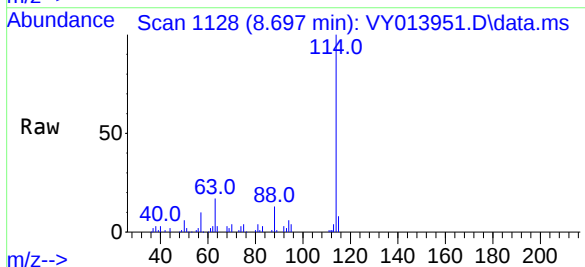
Tgt Ion: 114 Resp: 26399

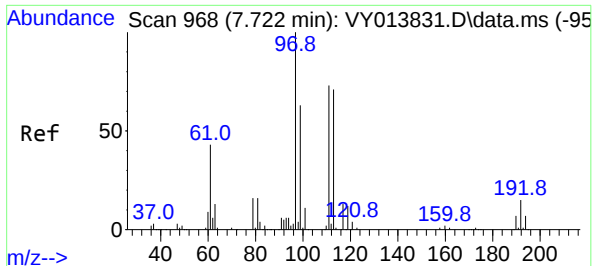
Ion Ratio Lower Upper

114 100

63 16.9 0.0 40.2

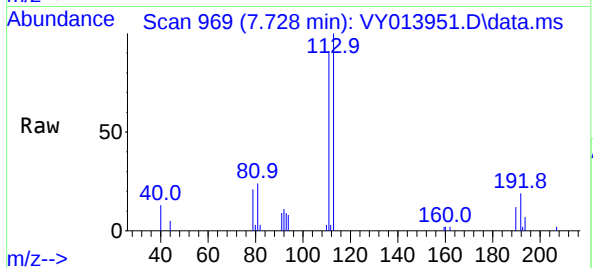
88 13.3 0.0 30.0



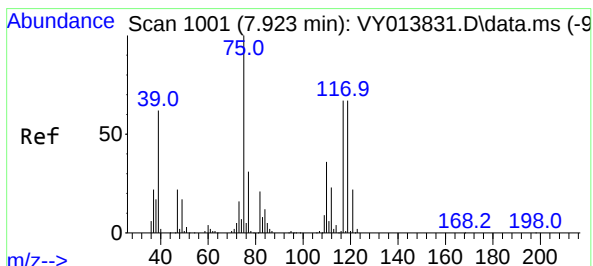
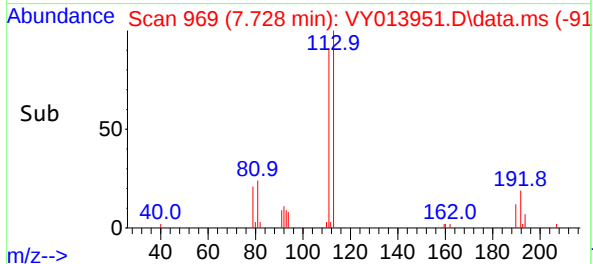
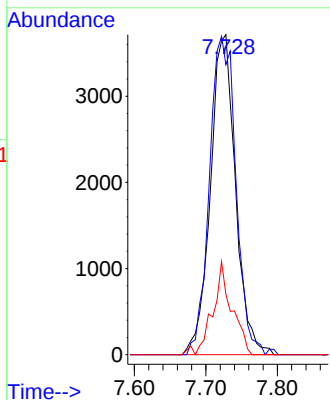


#35
Dibromofluoromethane
Concen: 53.171 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Instrument :
MSVOA_Y
ClientSampleId :

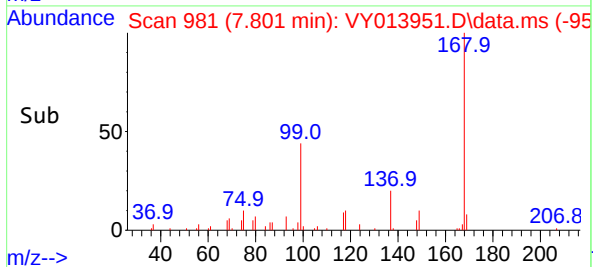
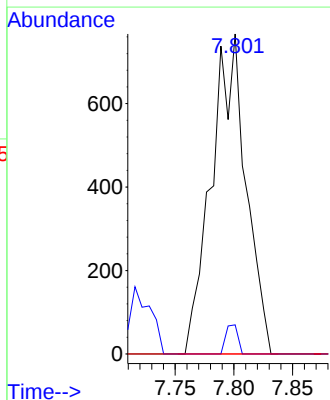
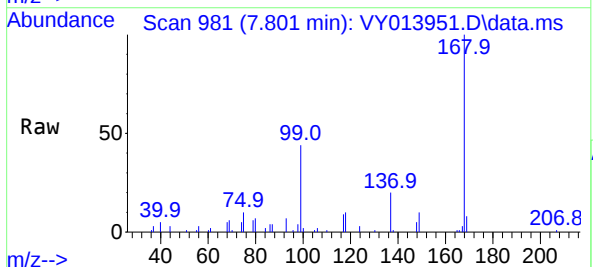


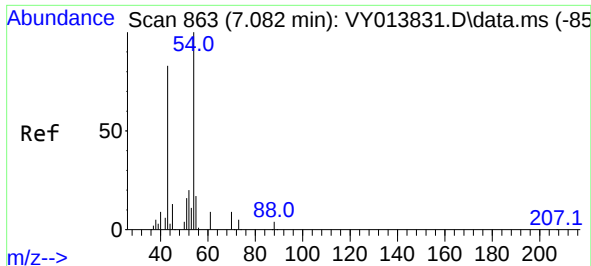
Tgt Ion:113 Resp: 9065
Ion Ratio Lower Upper
113 100
111 104.9 80.4 120.6
192 22.1 16.6 25.0



#36
1,1-Dichloropropene
Concen: 6.046 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

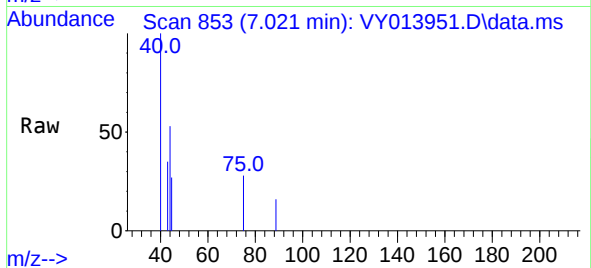
Tgt Ion: 75 Resp: 1570
Ion Ratio Lower Upper
75 100
110 3.2 17.5 52.6#
77 0.0 24.4 36.6#



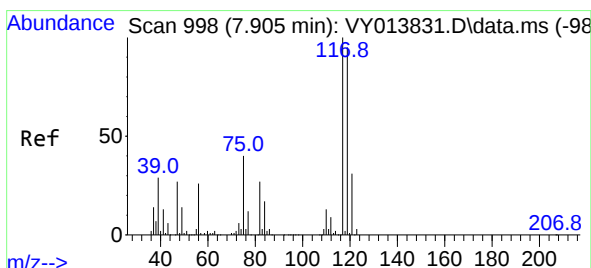
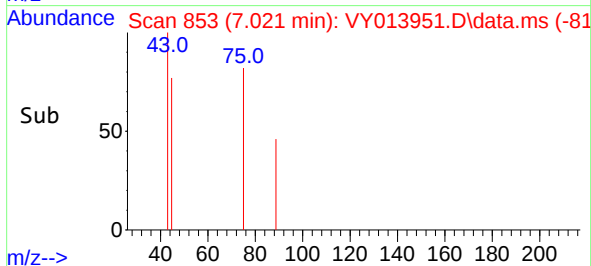
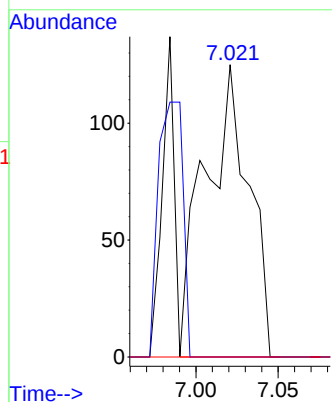


#37
Ethyl Acetate
Concen: 1.465 ug/l
RT: 7.021 min Scan# 81
Delta R.T. -0.061 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Instrument :
MSVOA_Y
ClientSampleId :

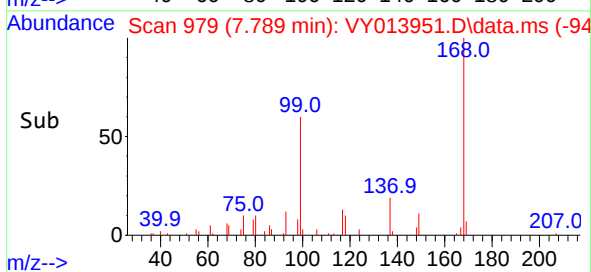
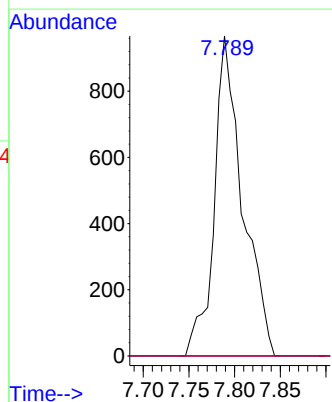
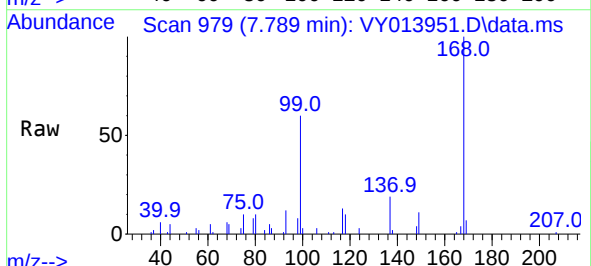


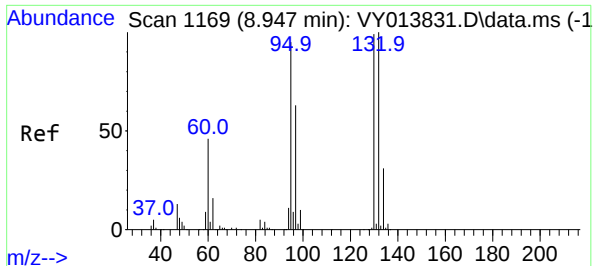
Tgt Ion: 43 Resp: 232
Ion Ratio Lower Upper
43 100
61 0.0 10.5 15.7#
70 0.0 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 7.074 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

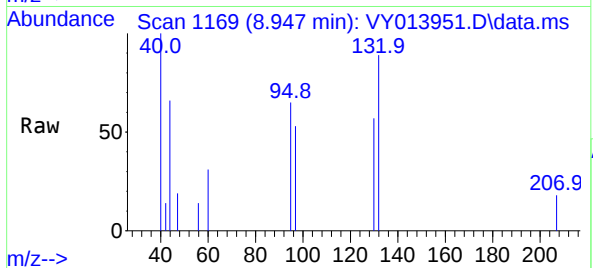
Tgt Ion: 117 Resp: 2089
Ion Ratio Lower Upper
117 100
119 0.0 75.6 113.4#
121 0.0 24.8 37.2#



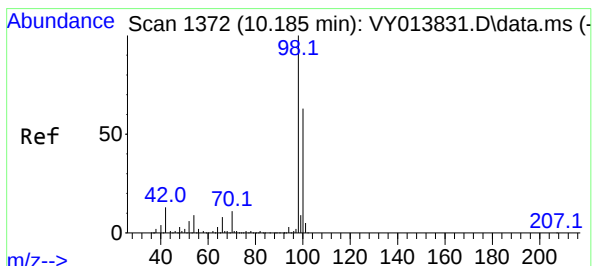
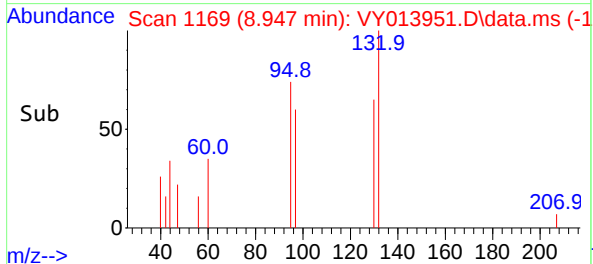
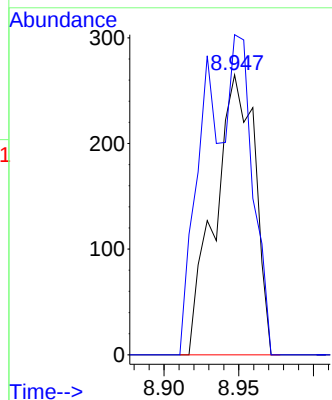


#44
Trichloroethene
Concen: 2.454 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Instrument :
MSVOA_Y
ClientSampleId :

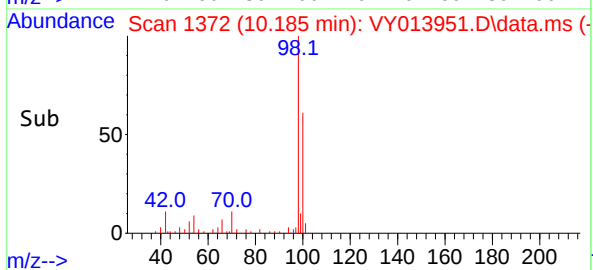
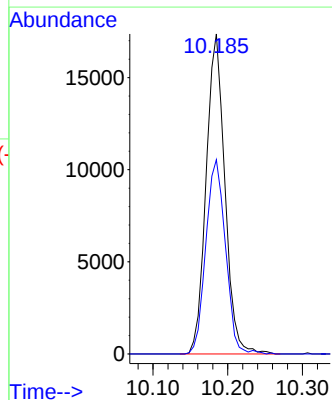
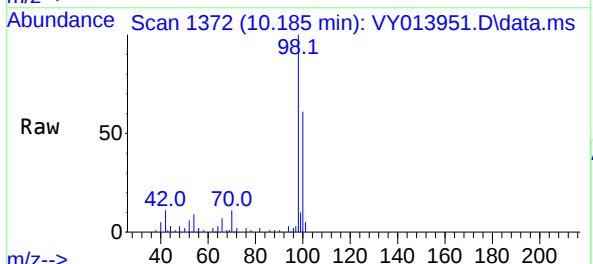


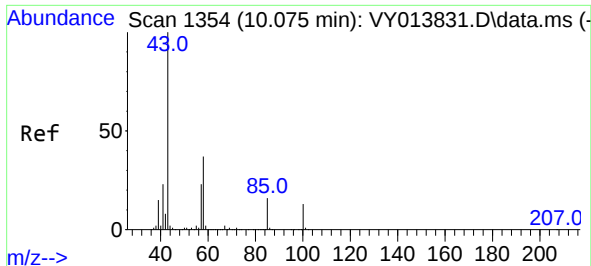
Tgt Ion:130 Resp: 493
Ion Ratio Lower Upper
130 100
95 114.3 0.0 192.8



#50
Toluene-d8
Concen: 46.581 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

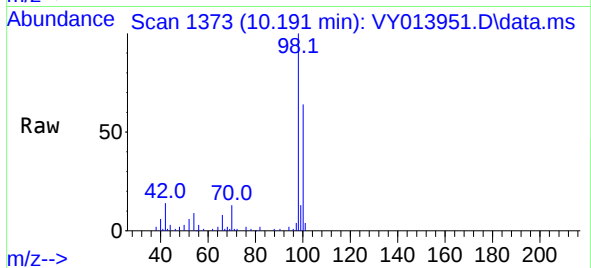
Tgt Ion: 98 Resp: 30183
Ion Ratio Lower Upper
98 100
100 63.8 50.8 76.2



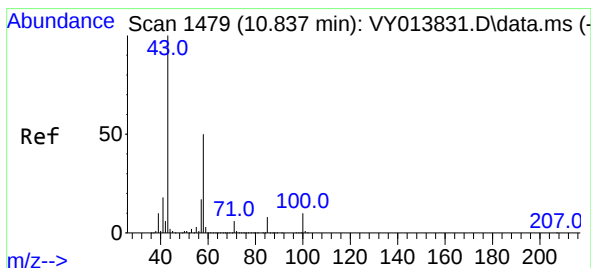
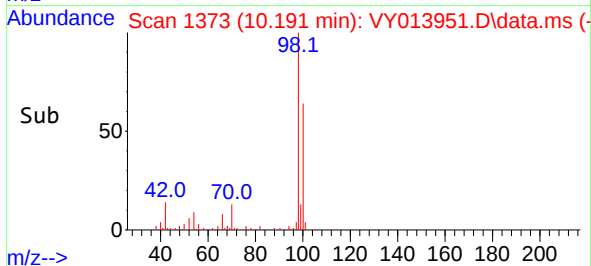
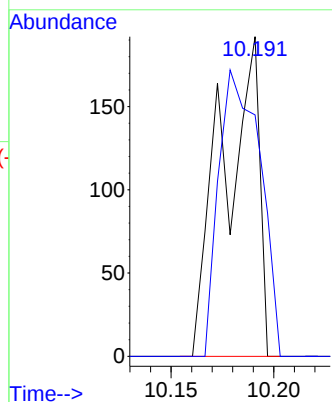


#51
4-Methyl-2-Pentanone
Concen: 1.534 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Instrument :
MSVOA_Y
ClientSampleId :

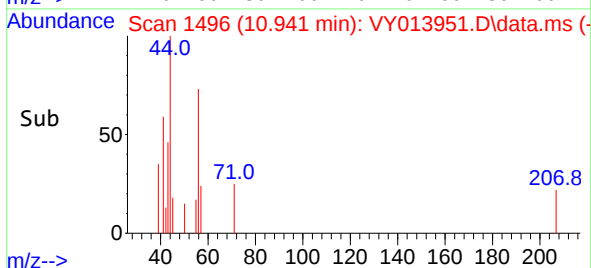
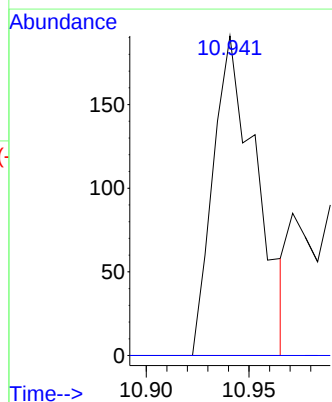
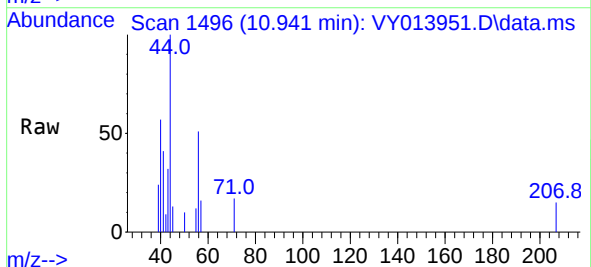


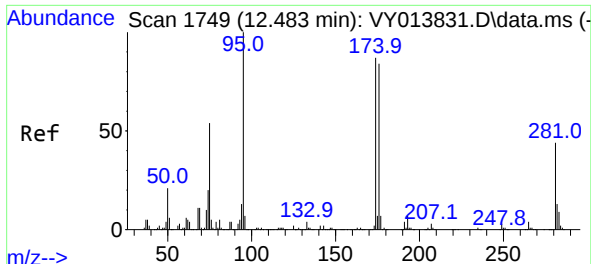
Tgt Ion: 43 Resp: 236
Ion Ratio Lower Upper
43 100
58 101.7 29.1 43.7#



#59
2-Hexanone
Concen: 2.559 ug/l
RT: 10.941 min Scan# 1496
Delta R.T. 0.104 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

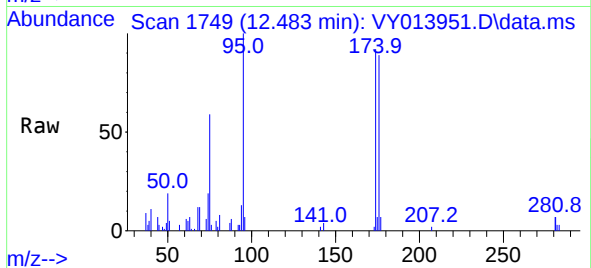
Tgt Ion: 43 Resp: 280
Ion Ratio Lower Upper
43 100
58 0.0 24.8 74.3#



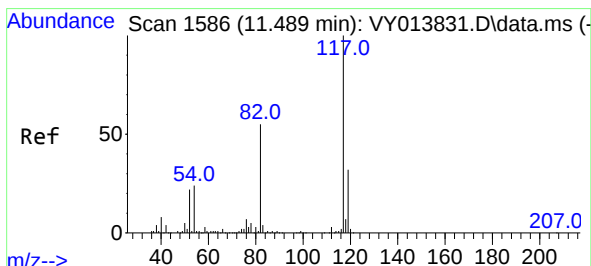
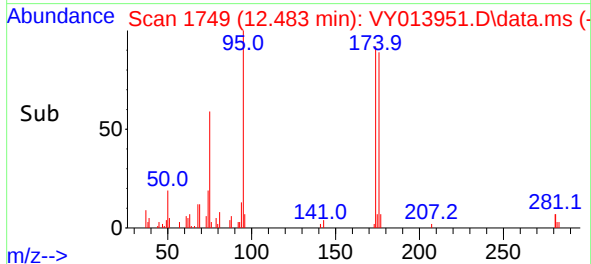
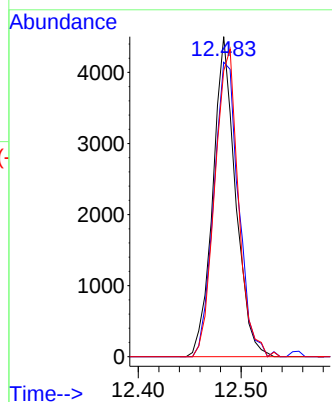


#62
4-Bromofluorobenzene
Concen: 31.999 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Instrument :
MSVOA_Y
ClientSampleId :

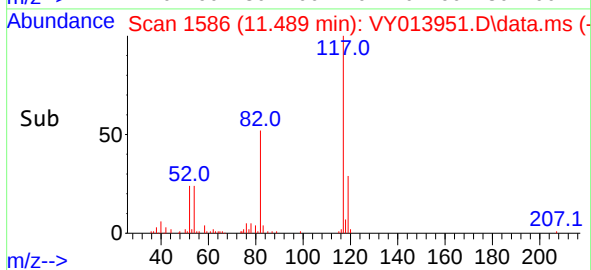
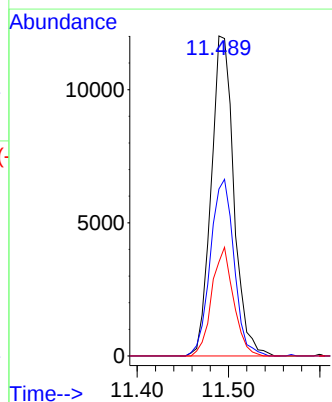
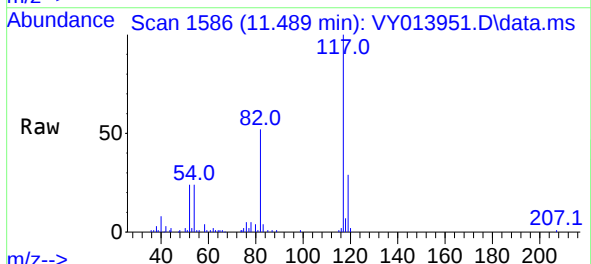


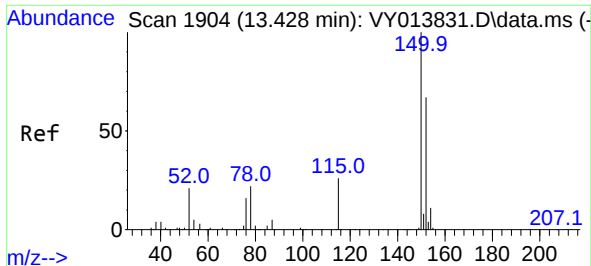
Tgt Ion: 95 Resp: 6892
Ion Ratio Lower Upper
95 100
174 100.7 0.0 176.0
176 99.5 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

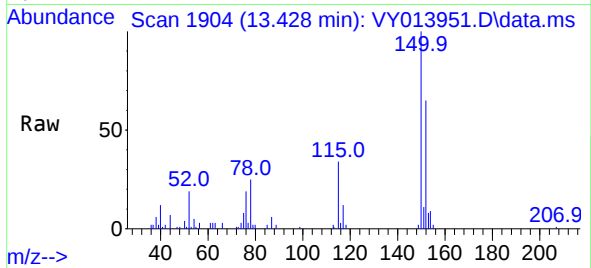
Tgt Ion: 117 Resp: 20665
Ion Ratio Lower Upper
117 100
82 52.1 44.2 66.4
119 29.4 25.7 38.5



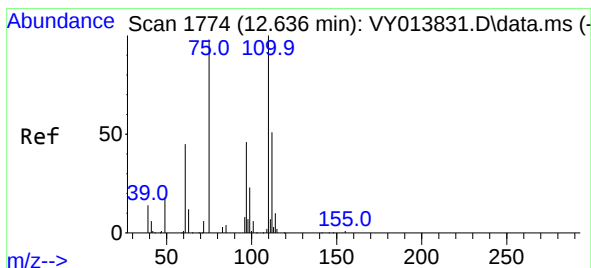
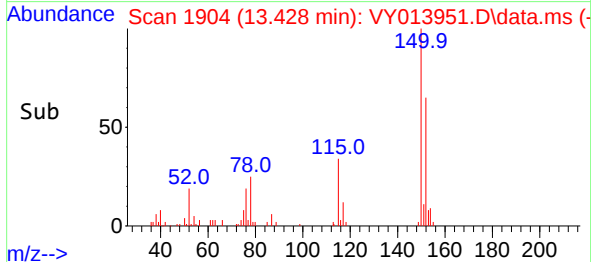
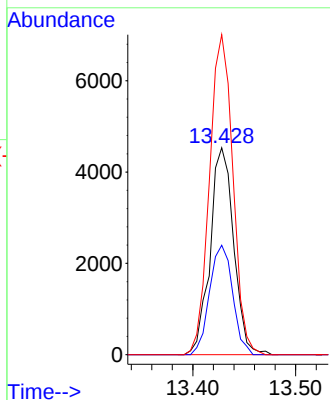


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Instrument :
MSVOA_Y
ClientSampleId :

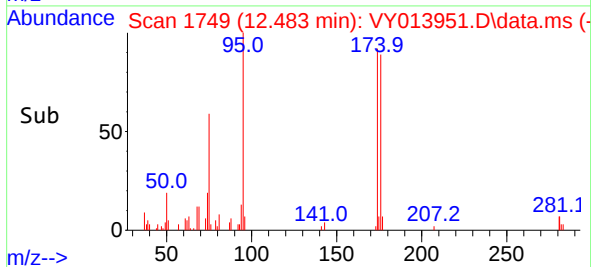
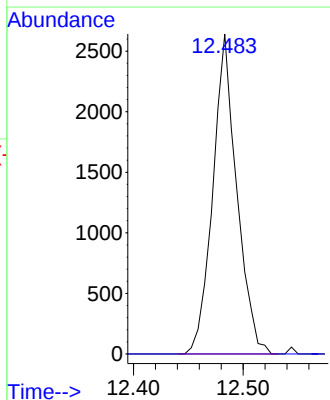
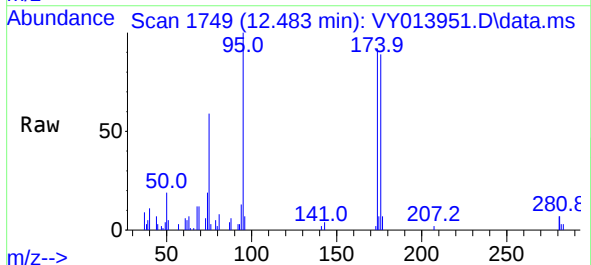


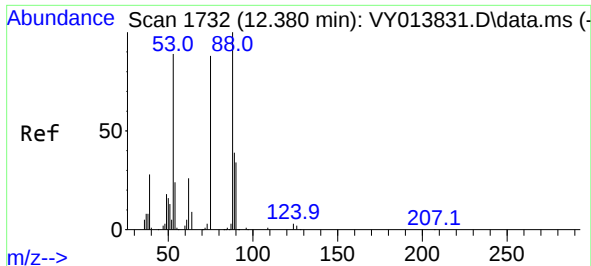
Tgt Ion:152 Resp: 7216
Ion Ratio Lower Upper
152 100
115 51.7 28.8 86.5
150 153.5 0.0 353.4



#76
1,2,3-Trichloropropane
Concen: 47.176 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

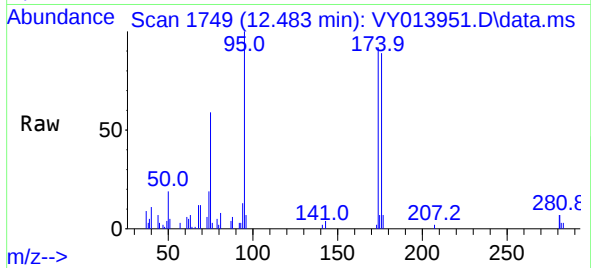
Tgt Ion: 75 Resp: 4014
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 102.403 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 4014
Ion Ratio Lower Upper
75 100
53 0.0 79.7 119.5#
89 0.0 36.4 54.6#

