

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015145.D
 Acq On : 16 Aug 2023 13:20
 Operator : SY/MD
 Sample : 04016-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 16 16:17:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

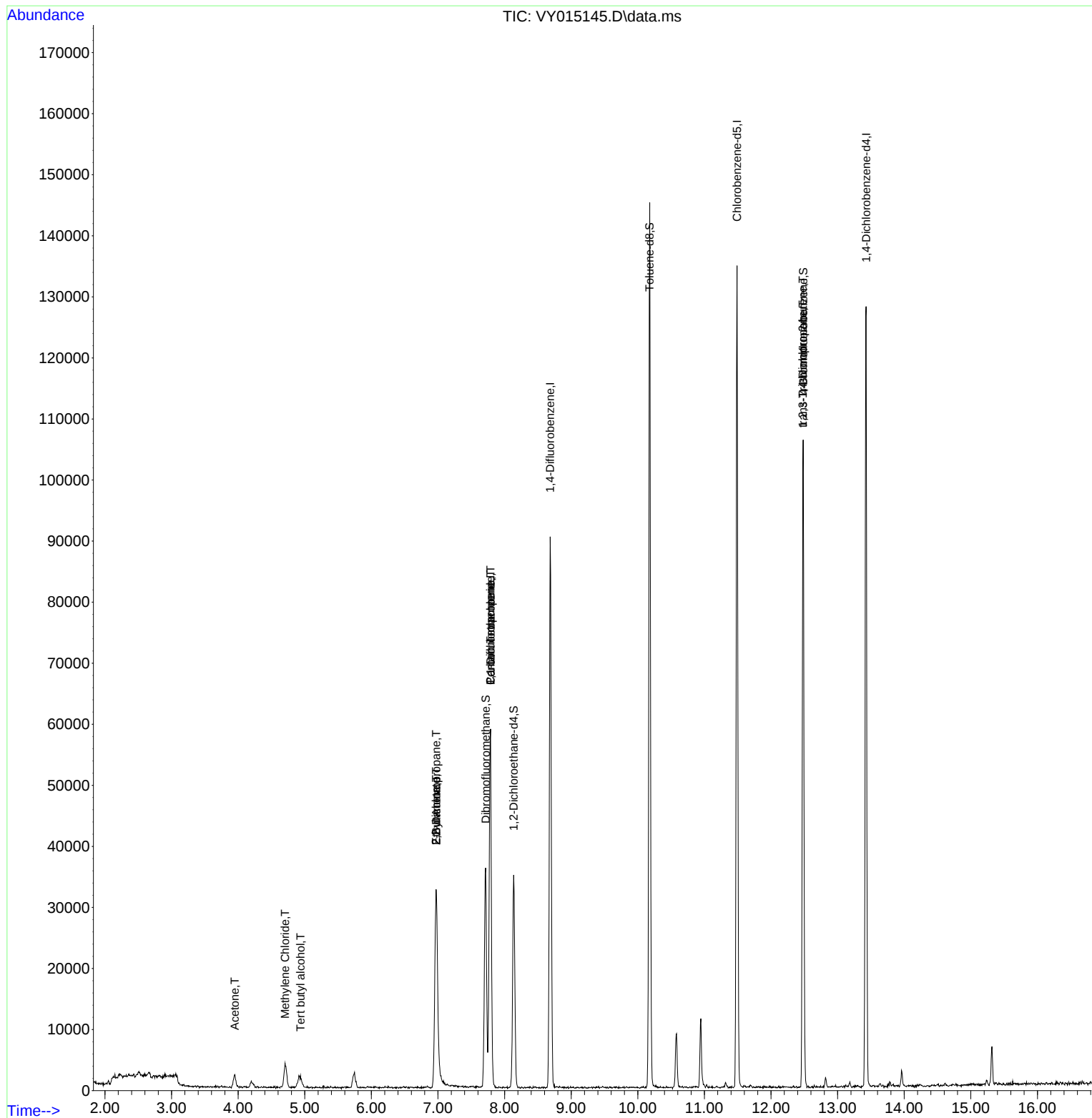
Internal Standards						
1) Pentafluorobenzene	7.789	168	45878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	78120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	74072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	33259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	27420	49.789	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.580%		
35) Dibromofluoromethane	7.716	113	24544	48.837	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.680%		
50) Toluene-d8	10.179	98	92541	49.464	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.920%		
62) 4-Bromofluorobenzene	12.483	95	31235	45.710	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.420%		
Target Compounds						
3) Chloromethane	2.113	50	214	Below Cal	#	43
11) Tert butyl alcohol	4.936	59	2818	15.910	ug/l #	91
16) Acetone	3.948	43	3475	19.315	ug/l	93
20) Methylene Chloride	4.704	84	2844	2.488	ug/l #	81
25) 2-Butanone	6.972	43	2023	7.942	ug/l #	49
26) 2,2-Dichloropropane	6.972	77	2596	3.522	ug/l #	54
31) Cyclohexane	7.777	56	1002	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	3718	6.687	ug/l #	48
37) Ethyl Acetate	6.972	43	2023	3.903	ug/l #	1
38) Carbon Tetrachloride	7.789	117	4584	6.966	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	17133	42.401	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	17133	93.133	ug/l #	10

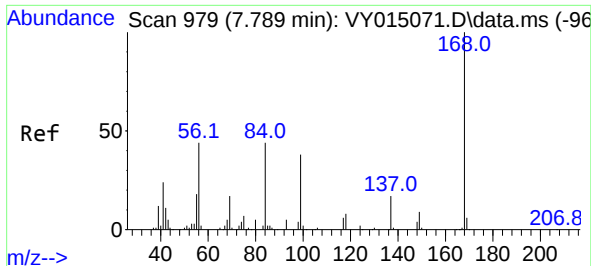
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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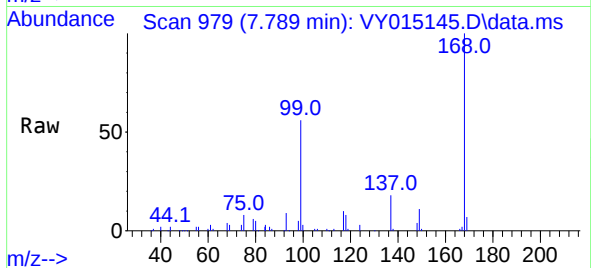
Quant Time: Aug 16 16:17:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration



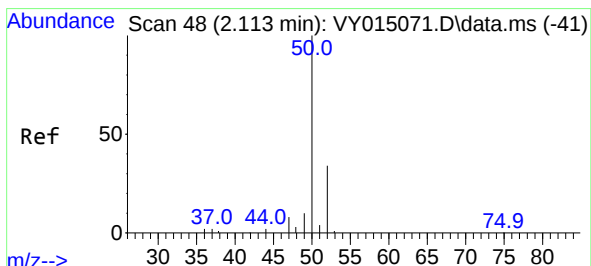
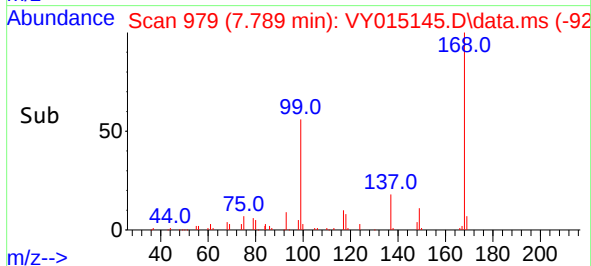
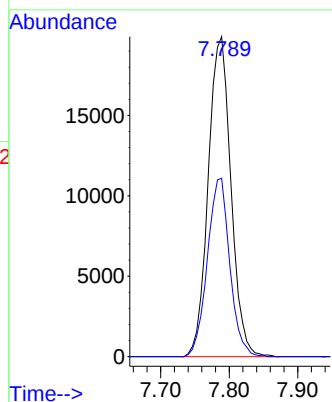


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015145.D
Acq: 16 Aug 2023 13:20

Instrument :
MSVOA_Y
ClientSampleId :

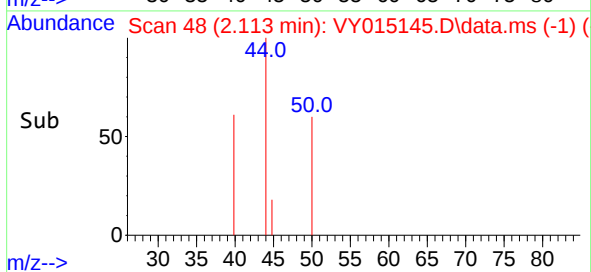
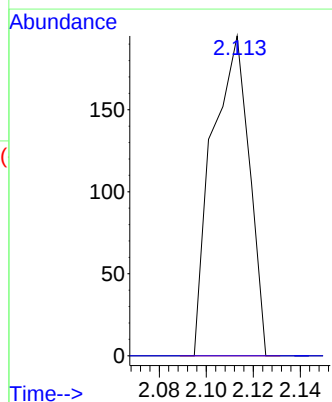
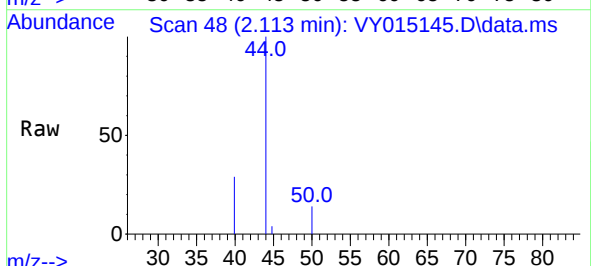


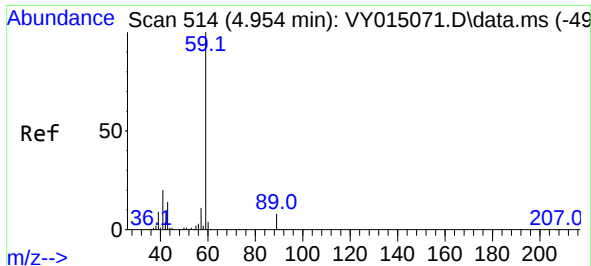
Tgt Ion:168 Resp: 45878
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY015145.D
Acq: 16 Aug 2023 13:20

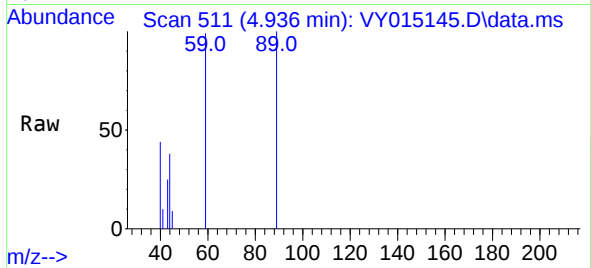
Tgt Ion: 50 Resp: 214
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



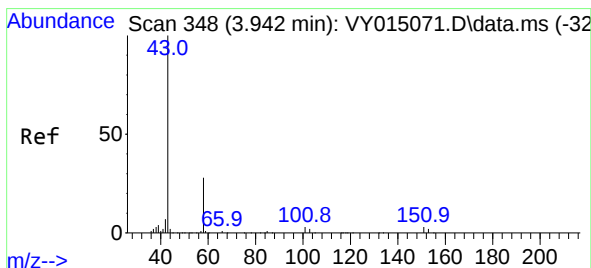
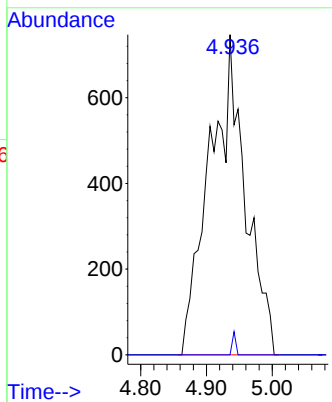
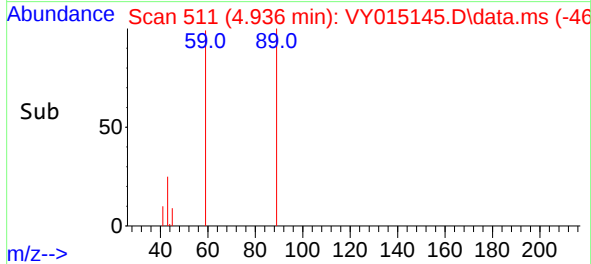


#11
Tert butyl alcohol
Concen: 15.910 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY015145.D
Acq: 16 Aug 2023 13:20

Instrument :
MSVOA_Y
ClientSampleId :

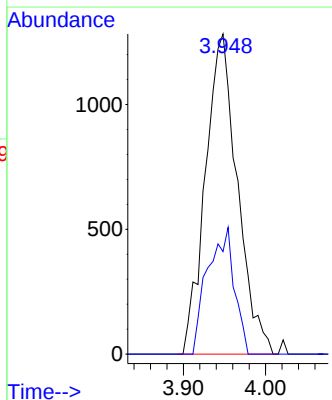
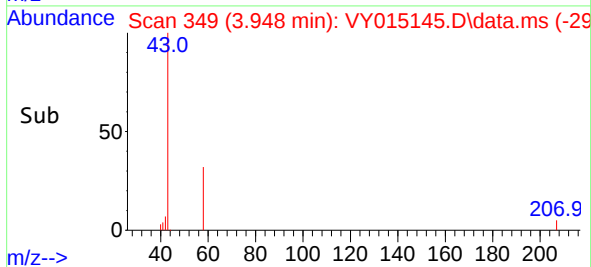
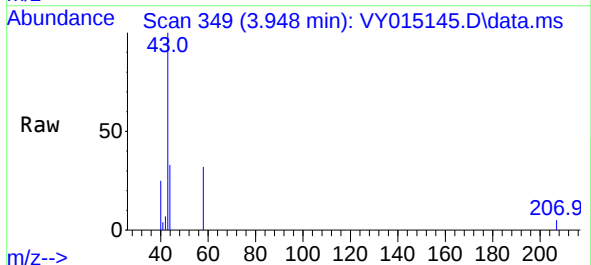


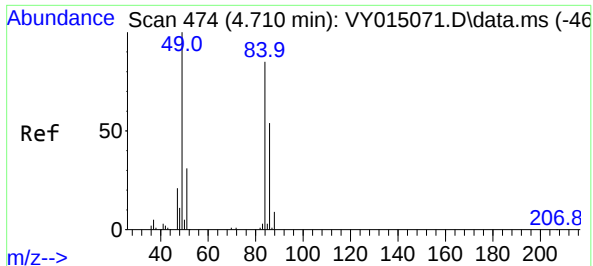
Tgt Ion: 59 Resp: 2818
Ion Ratio Lower Upper
59 100
57 0.7 3.0 4.4#



#16
Acetone
Concen: 19.315 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015145.D
Acq: 16 Aug 2023 13:20

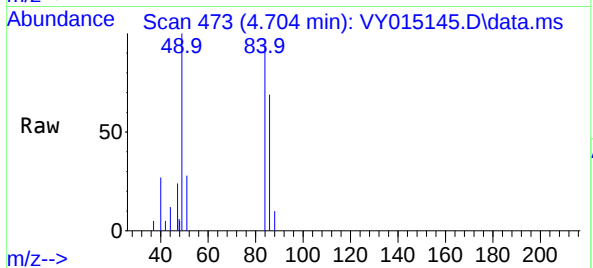
Tgt Ion: 43 Resp: 3475
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1



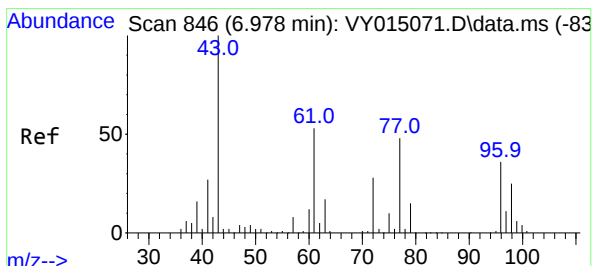
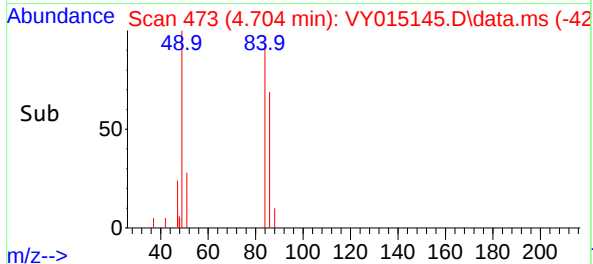
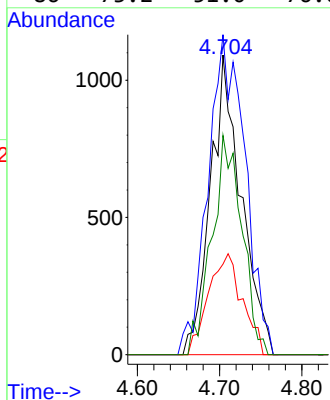


#20
Methylene Chloride
Concen: 2.488 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015145.D
Acq: 16 Aug 2023 13:20

Instrument :
MSVOA_Y
ClientSampleId :

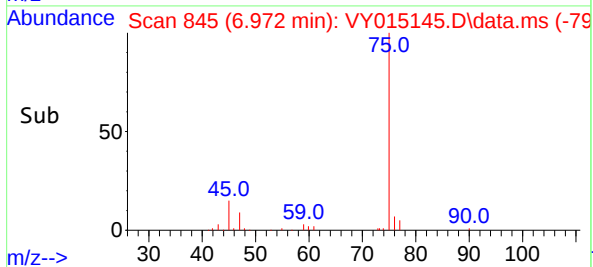
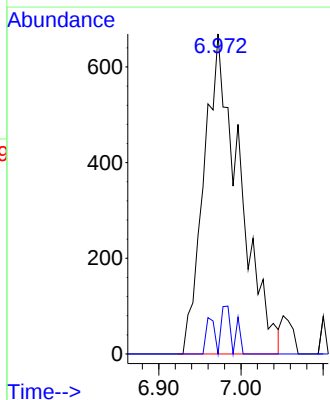
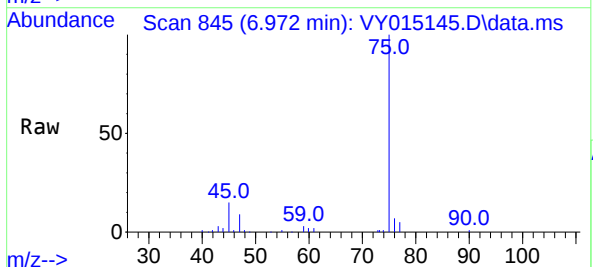


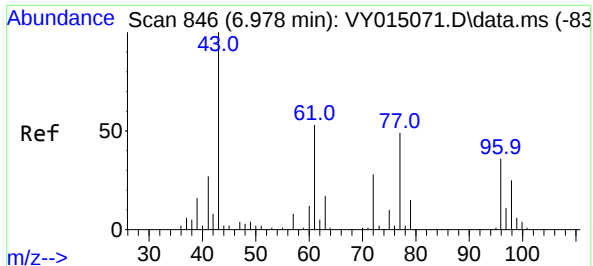
Tgt Ion: 84 Resp: 2844
Ion Ratio Lower Upper
84 100
49 106.8 106.9 160.3#
51 30.2 33.2 49.8#
86 73.2 51.0 76.6



#25
2-Butanone
Concen: 7.942 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY015145.D
Acq: 16 Aug 2023 13:20

Tgt Ion: 43 Resp: 2023
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#





#26

2,2-Dichloropropane

Concen: 3.522 ug/l

RT: 6.972 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY015145.D

Acq: 16 Aug 2023 13:20

Instrument :

MSVOA_Y

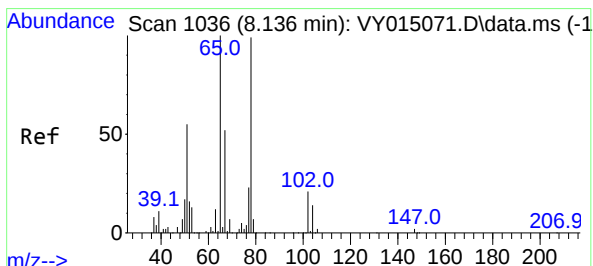
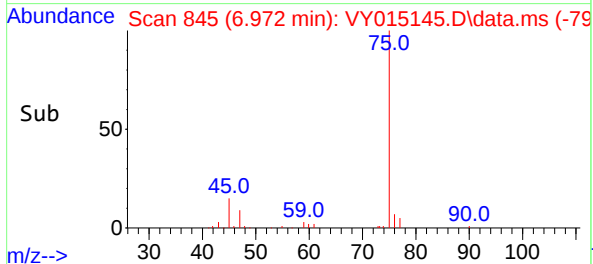
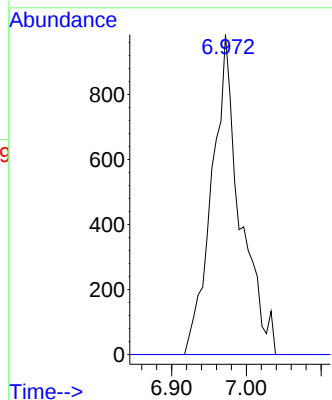
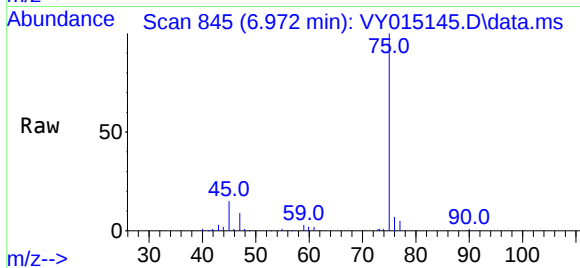
ClientSampleId :

Tgt Ion: 77 Resp: 2596

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#33

1,2-Dichloroethane-d4

Concen: 49.789 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015145.D

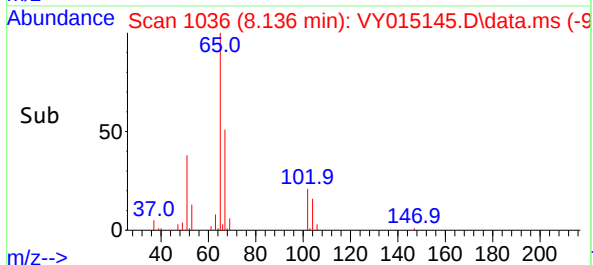
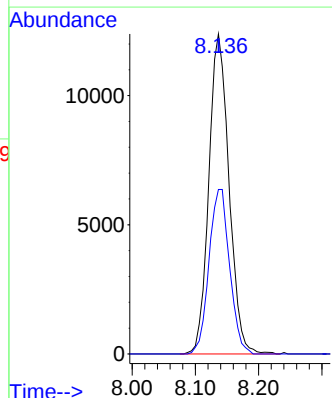
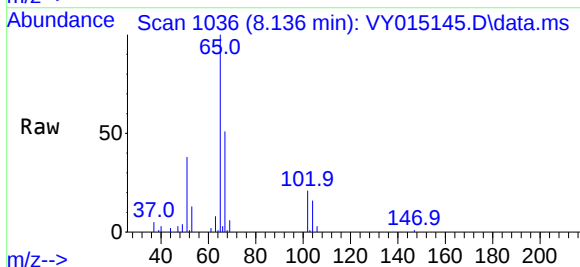
Acq: 16 Aug 2023 13:20

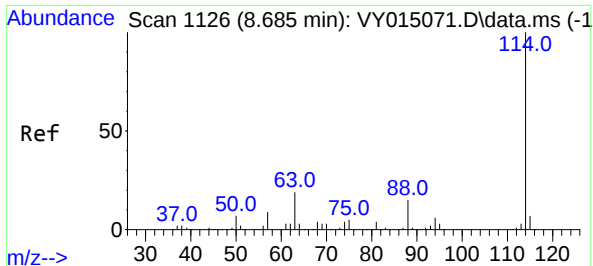
Tgt Ion: 65 Resp: 27420

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.8

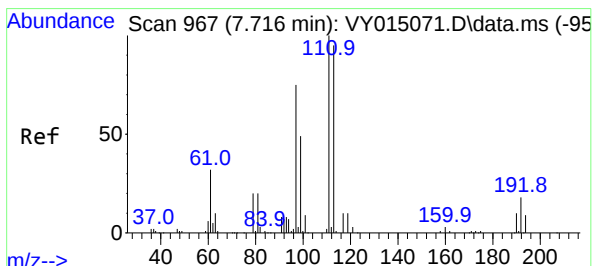
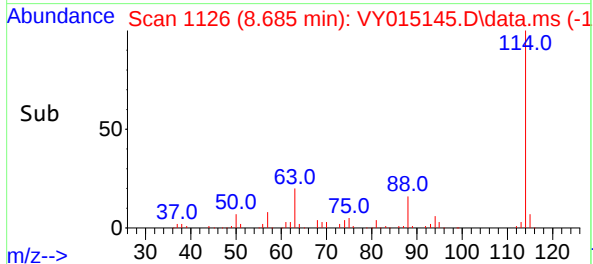
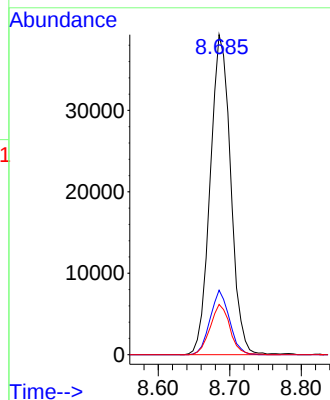
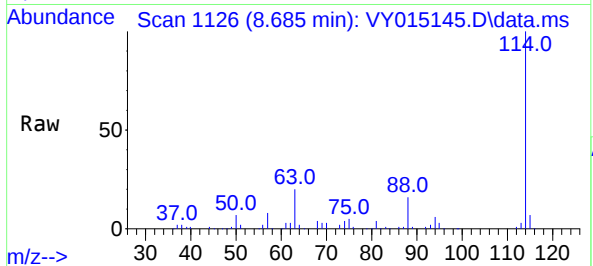




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015145.D
Acq: 16 Aug 2023 13:20

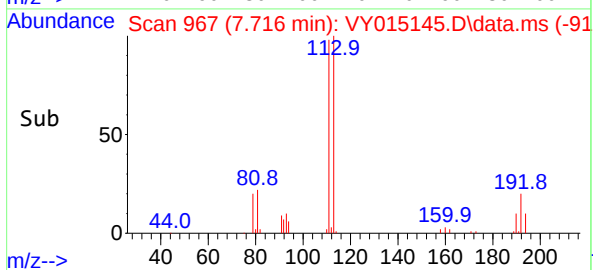
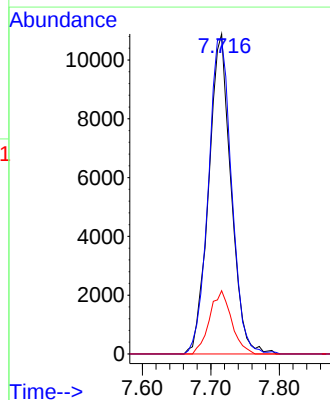
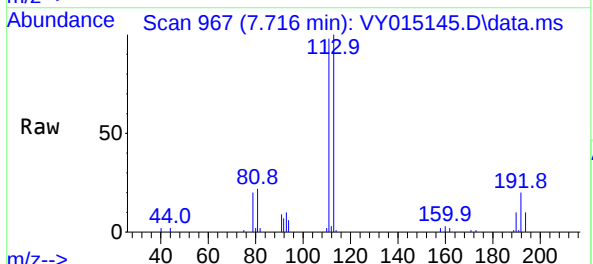
Instrument :
MSVOA_Y
ClientSampleId :

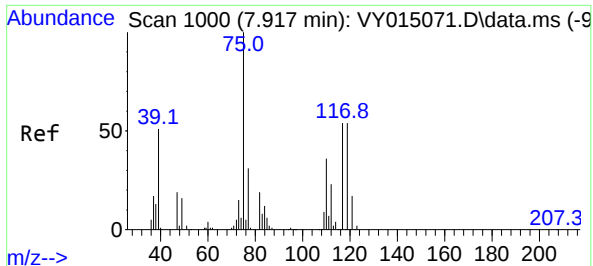
Tgt Ion:114	Resp:	78120
Ion Ratio	Lower	Upper
114	100	
63	20.1	0.0 42.4
88	15.7	0.0 30.6



#35
Dibromofluoromethane
Concen: 48.837 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015145.D
Acq: 16 Aug 2023 13:20

Tgt Ion:113	Resp:	24544
Ion Ratio	Lower	Upper
113	100	
111	103.1	81.3 121.9
192	19.5	16.9 25.3





#36

1,1-Dichloropropene

Concen: 6.687 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

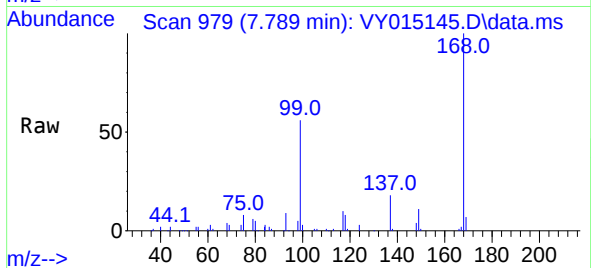
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Acq: 16 Aug 2023 13:20

Instrument :

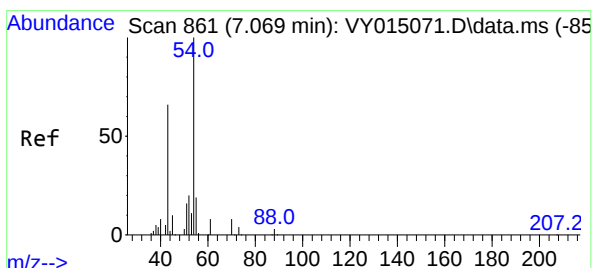
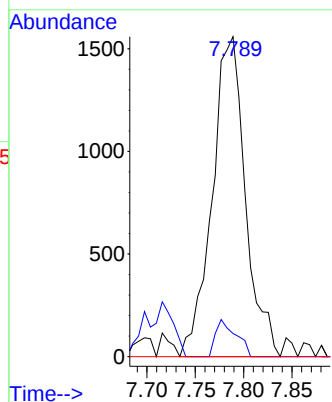
MSVOA_Y

ClientSampleId :



Tgt Ion: 75 Resp: 3718

Ion	Ratio	Lower	Upper
75	100		
110	7.1	17.8	53.5#
77	0.0	24.4	36.6#



#37

Ethyl Acetate

Concen: 3.903 ug/l

RT: 6.972 min Scan# 845

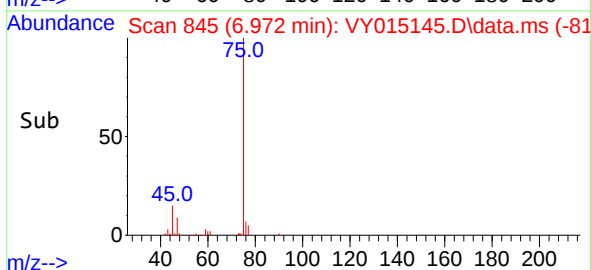
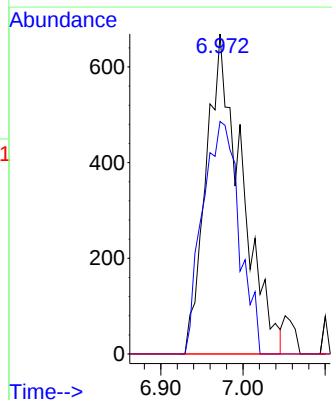
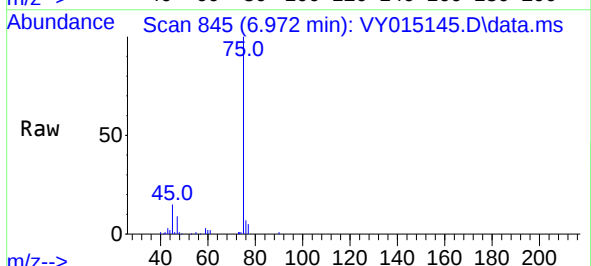
Delta R.T. -0.097 min

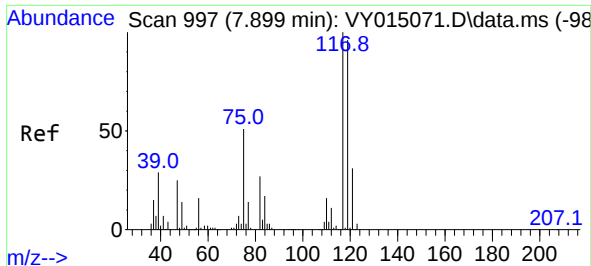
Lab File: VY015145.D

Acq: 16 Aug 2023 13:20

Tgt Ion: 43 Resp: 2023

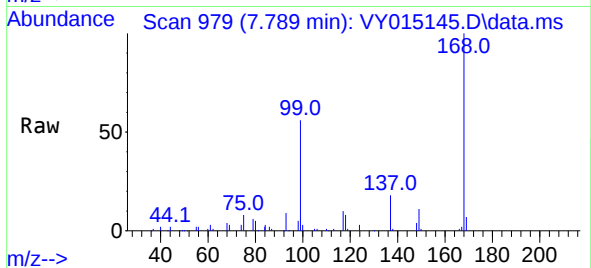
Ion	Ratio	Lower	Upper
43	100		
61	74.1	10.1	15.1#
70	0.0	7.1	10.7#



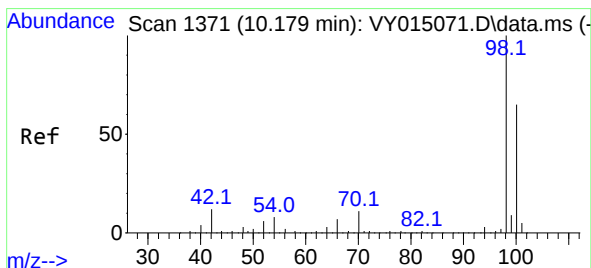
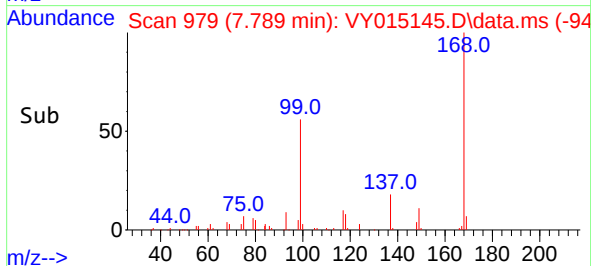
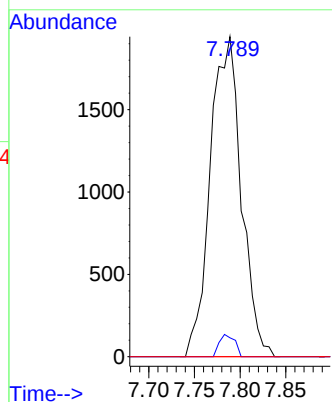


#38
Carbon Tetrachloride
Concen: 6.966 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015145.D
Acq: 16 Aug 2023 13:20

Instrument :
MSVOA_Y
ClientSampleId :

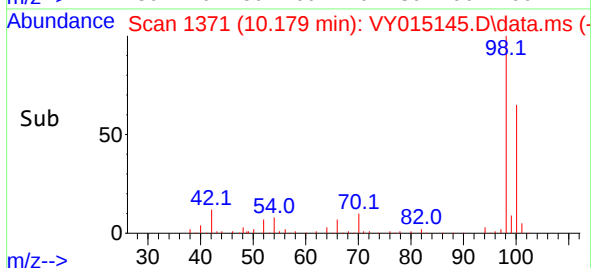
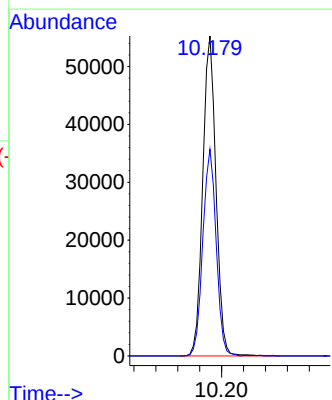
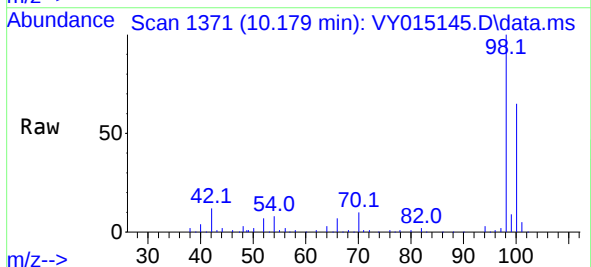


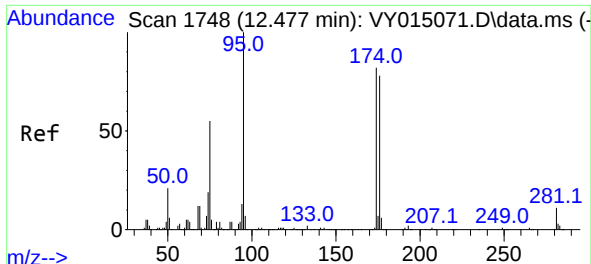
Tgt Ion:117 Resp: 4584
Ion Ratio Lower Upper
117 100
119 5.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.464 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015145.D
Acq: 16 Aug 2023 13:20

Tgt Ion: 98 Resp: 92541
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

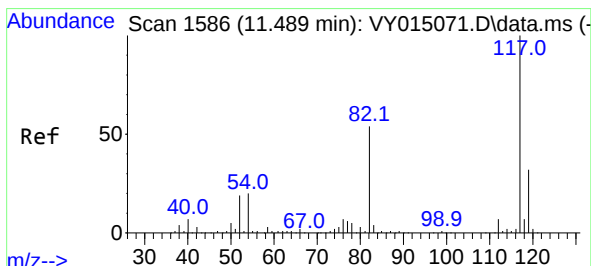
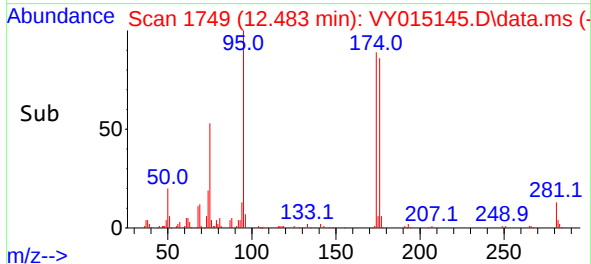
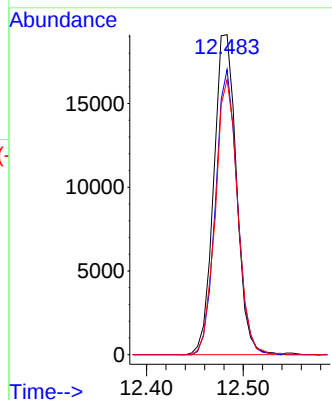
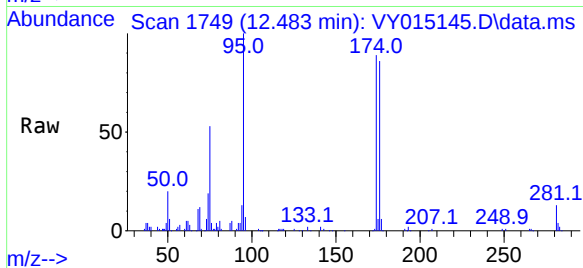




#62
4-Bromofluorobenzene
Concen: 45.710 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015145.D
Acq: 16 Aug 2023 13:20

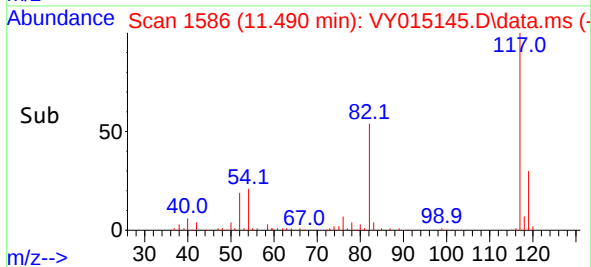
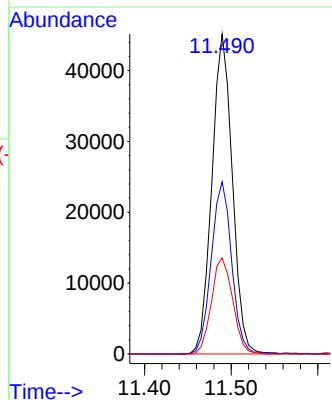
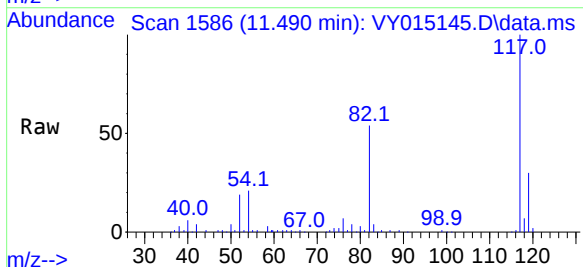
Instrument :
MSVOA_Y
ClientSampleId :

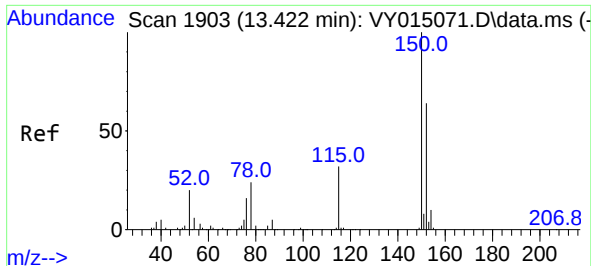
Tgt Ion: 95 Resp: 31235
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 84.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015145.D
Acq: 16 Aug 2023 13:20

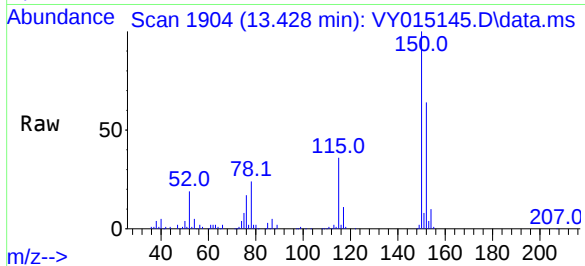
Tgt Ion: 117 Resp: 74072
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 30.0 26.3 39.5



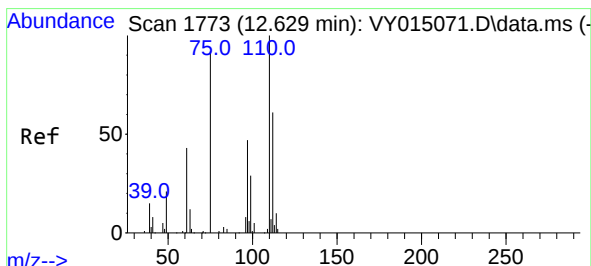
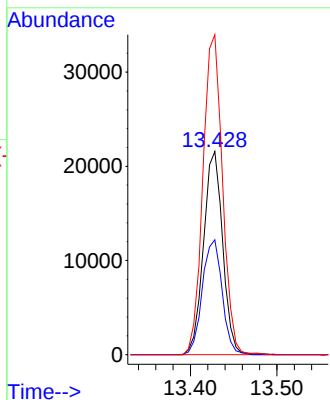
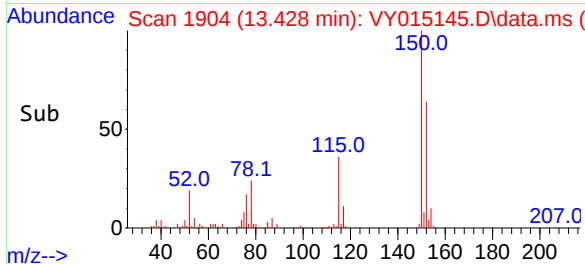


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY015145.D
 Acq: 16 Aug 2023 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :

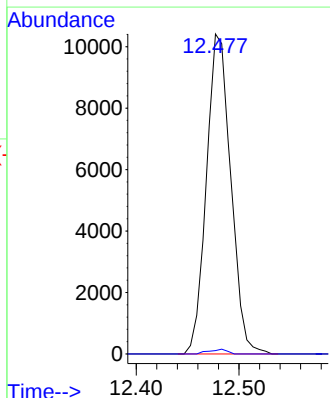
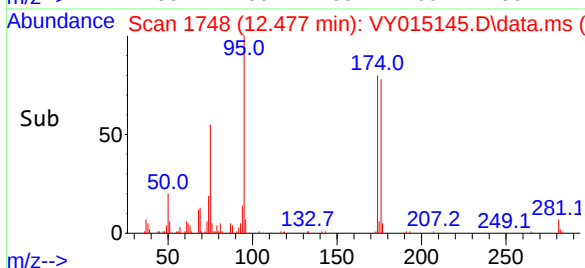
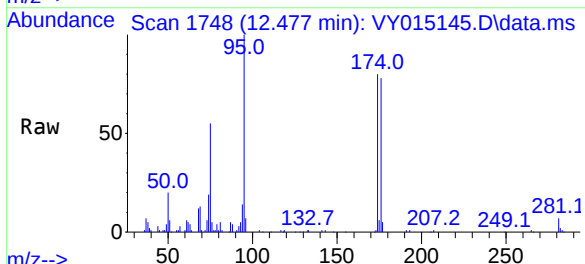


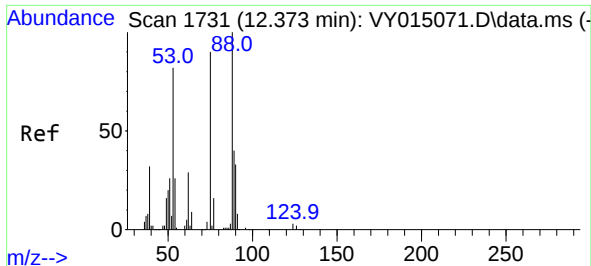
Tgt Ion:152 Resp: 33259
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.8 86.5
 150 160.3 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 42.401 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015145.D
 Acq: 16 Aug 2023 13:20

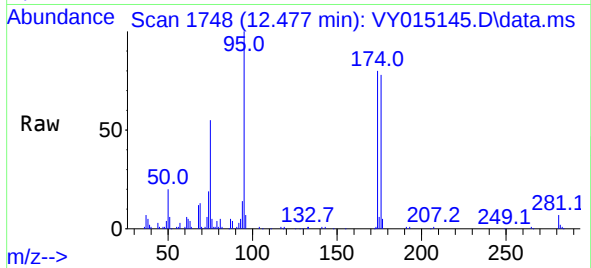
Tgt Ion: 75 Resp: 17133
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 93.133 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY015145.D
Acq: 16 Aug 2023 13:20

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 17133
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

