

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
 Data File : VY018707.D
 Acq On : 26 Jun 2024 15:06
 Operator : SY/MD
 Sample : P3076-07
 Misc : 7.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 27 07:51:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	96414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	174012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	159499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	61924	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	48830	50.305	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.600%	
35) Dibromofluoromethane	7.704	113	54997	51.810	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.620%	
50) Toluene-d8	10.173	98	201740	49.420	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.840%	
62) 4-Bromofluorobenzene	12.477	95	59186	45.915	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.820%	

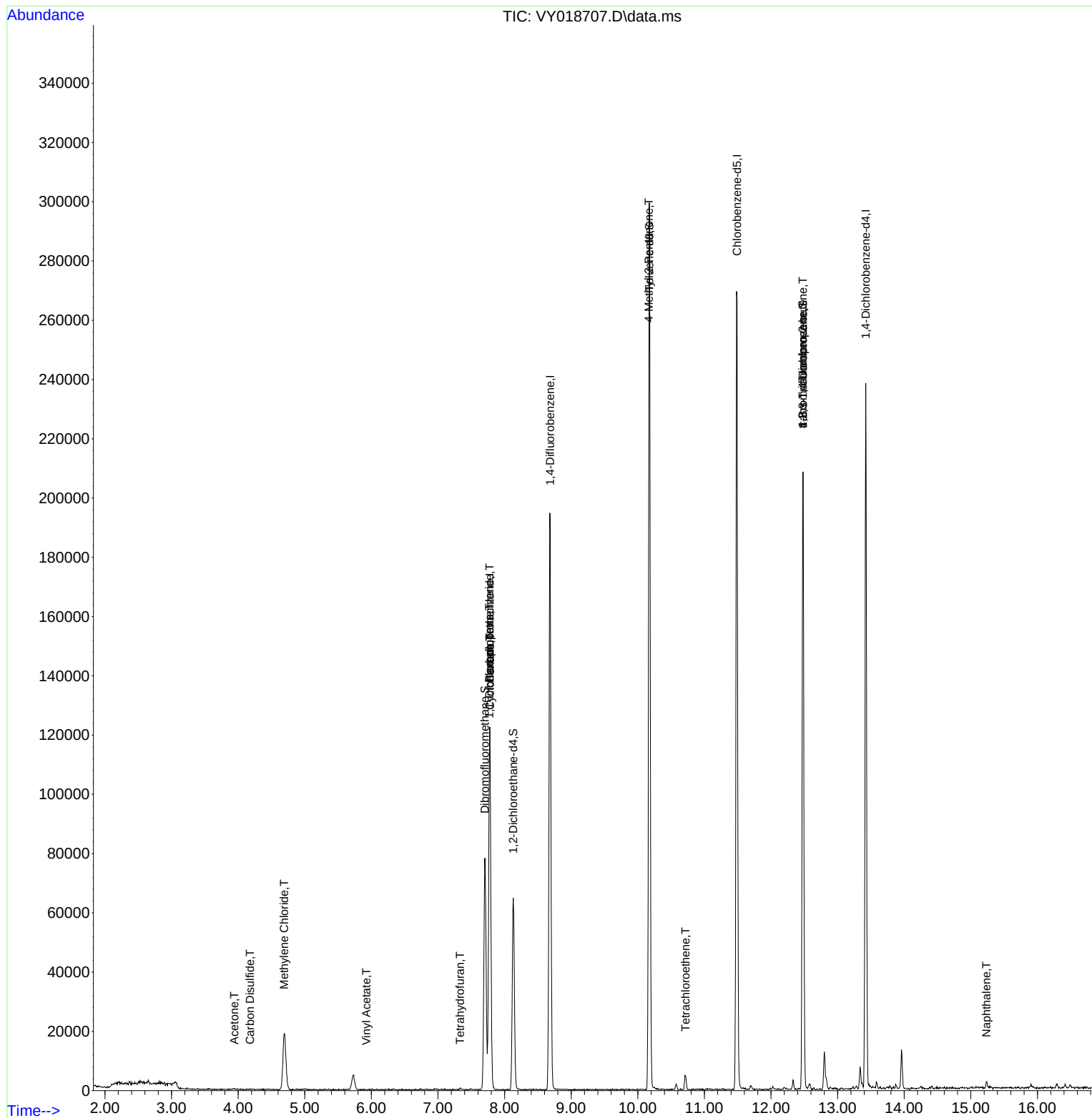
Target Compounds			Qvalue			
16) Acetone	3.942	43	447	2.263	ug/l #	81
17) Carbon Disulfide	4.180	76	246	2.303	ug/l #	76
20) Methylene Chloride	4.692	84	15928	5.028	ug/l	91
23) Vinyl Acetate	5.923	43	29	23.707	ug/l #	67
29) Tetrahydrofuran	7.332	42	249	1.371	ug/l #	63
31) Cyclohexane	7.783	56	1906	1.282	ug/l #	55
36) 1,1-Dichloropropene	7.771	75	7000	4.791	ug/l #	43
38) Carbon Tetrachloride	7.777	117	9363	6.108	ug/l #	19
51) 4-Methyl-2-Pentanone	10.166	43	744	1.099	ug/l #	1
64) Tetrachloroethene	10.715	164	1171	1.029	ug/l	95
76) 1,2,3-Trichloropropane	12.477	75	31522	54.267	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	31522	142.144	ug/l #	16
95) Naphthalene	15.233	128	2322	1.238	ug/l	99

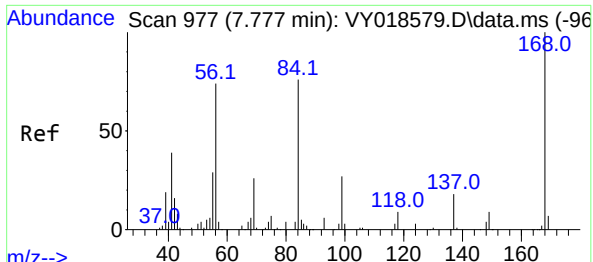
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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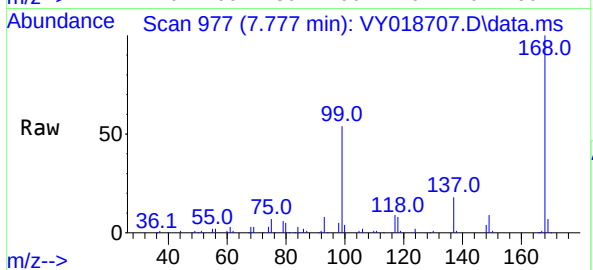
Quant Time: Jun 27 07:51:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
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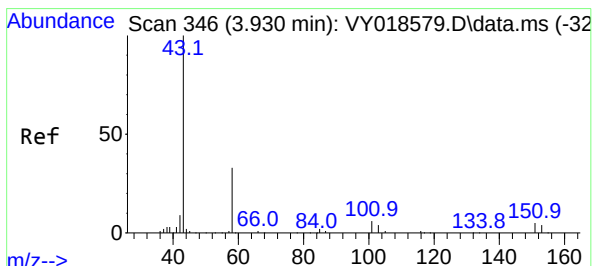
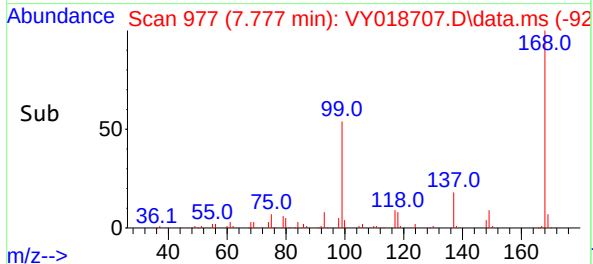
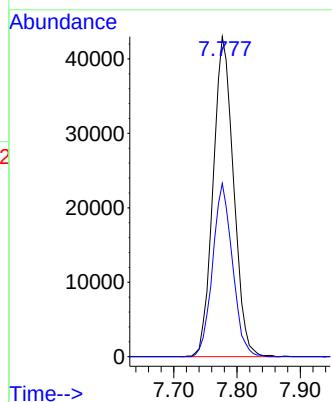


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018707.D
Acq: 26 Jun 2024 15:06

Instrument :
MSVOA_Y
ClientSampleId :

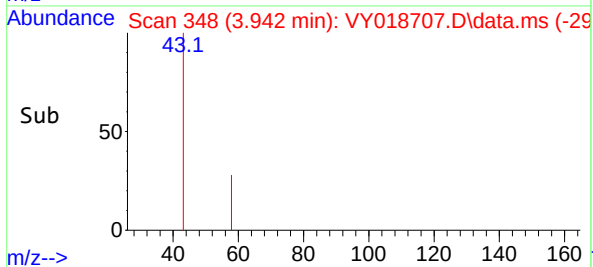
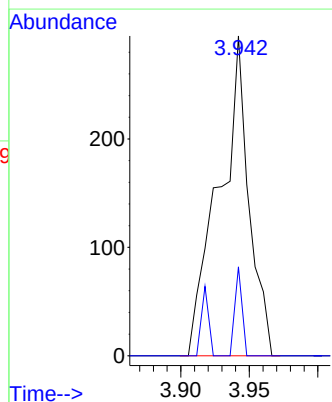
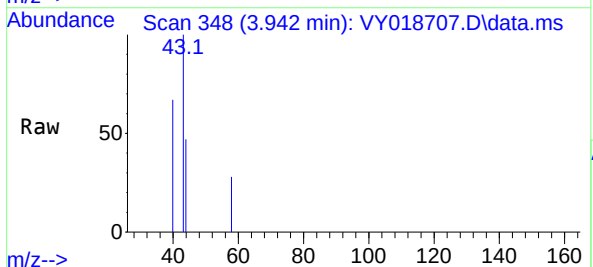


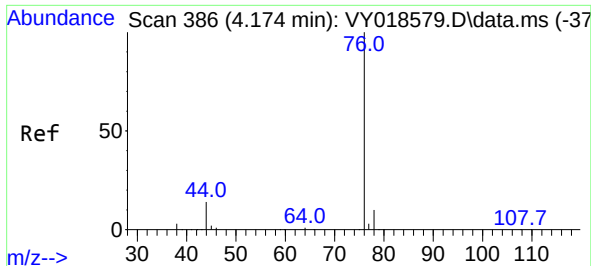
Tgt Ion:168 Resp: 96414
Ion Ratio Lower Upper
168 100
99 54.1 39.1 58.7



#16
Acetone
Concen: 2.263 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.012 min
Lab File: VY018707.D
Acq: 26 Jun 2024 15:06

Tgt Ion: 43 Resp: 447
Ion Ratio Lower Upper
43 100
58 27.8 31.7 47.5#

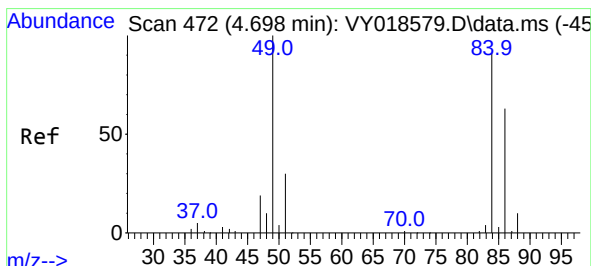
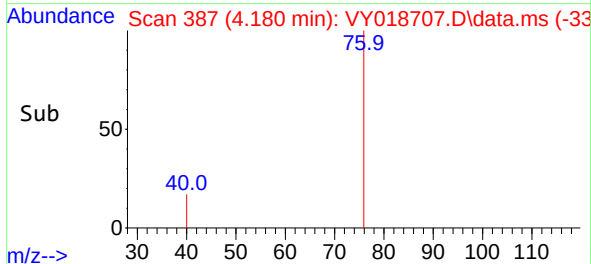
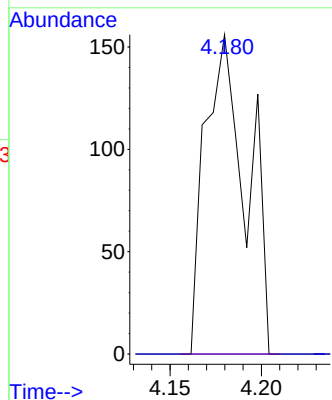
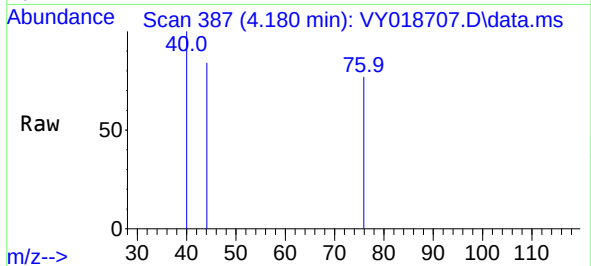




#17
Carbon Disulfide
Concen: 2.303 ug/l
RT: 4.180 min Scan# 386
Delta R.T. 0.006 min
Lab File: VY018707.D
Acq: 26 Jun 2024 15:06

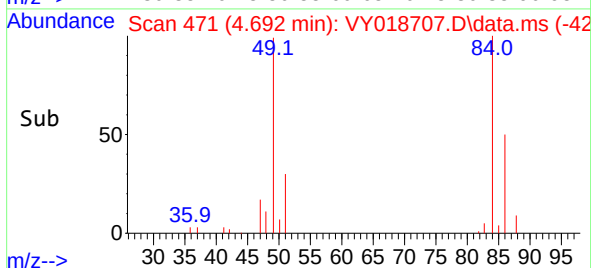
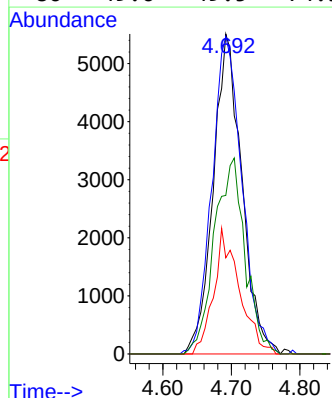
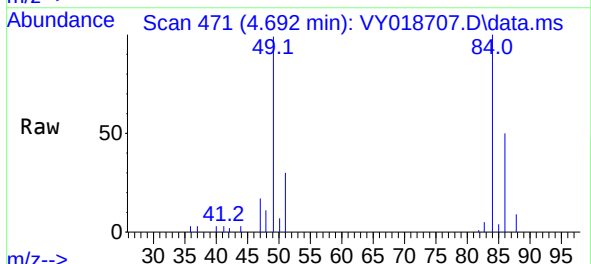
Instrument :
MSVOA_Y
ClientSampleId :

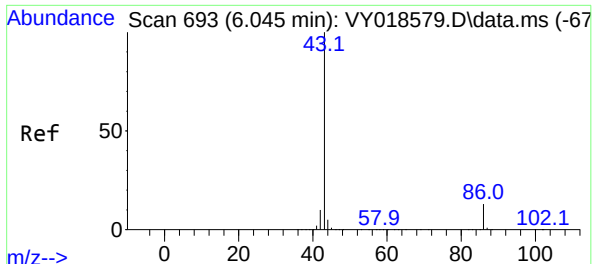
Tgt Ion: 76 Resp: 246
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#20
Methylene Chloride
Concen: 5.028 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018707.D
Acq: 26 Jun 2024 15:06

Tgt Ion: 84 Resp: 15928
Ion Ratio Lower Upper
84 100
49 99.2 84.4 126.6
51 30.0 26.0 39.0
86 49.6 49.5 74.3





#23

Vinyl Acetate

Concen: 23.707 ug/l

RT: 5.923 min Scan# 61

Delta R.T. -0.122 min

Lab File: VY018707.D

Acq: 26 Jun 2024 15:06

Instrument :

MSVOA_Y

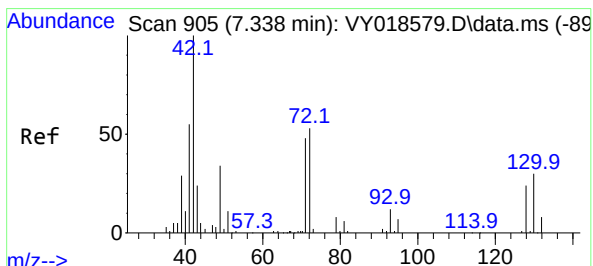
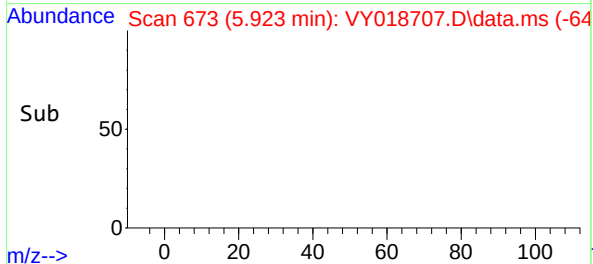
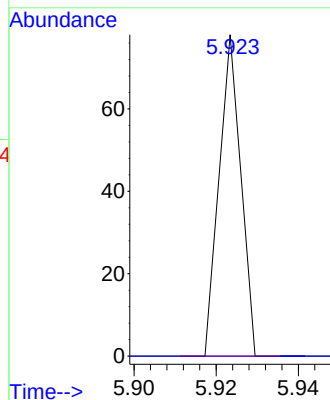
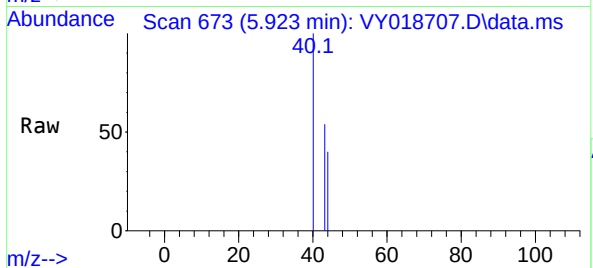
ClientSampleId :

Tgt Ion: 43 Resp: 29

Ion Ratio Lower Upper

43 100

86 0.0 10.6 16.0#



#29

Tetrahydrofuran

Concen: 1.371 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY018707.D

Acq: 26 Jun 2024 15:06

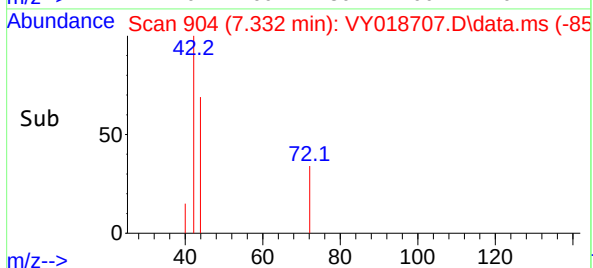
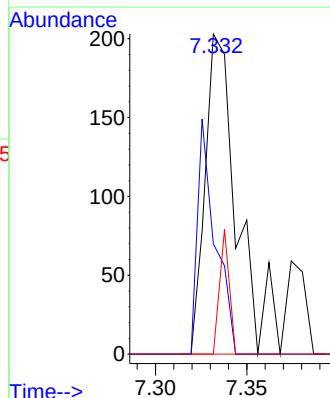
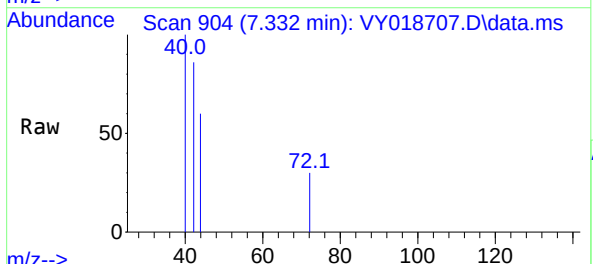
Tgt Ion: 42 Resp: 249

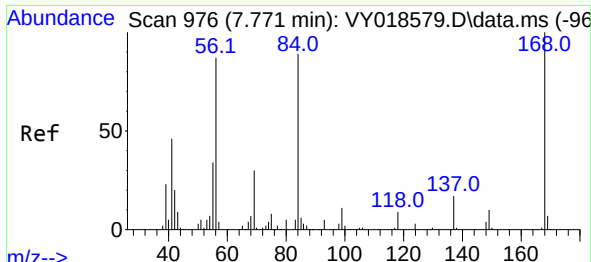
Ion Ratio Lower Upper

42 100

72 40.6 43.0 64.4#

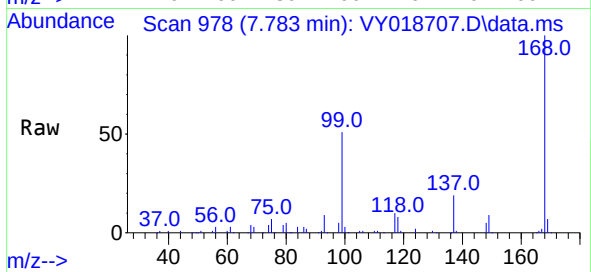
71 11.6 40.8 61.2#



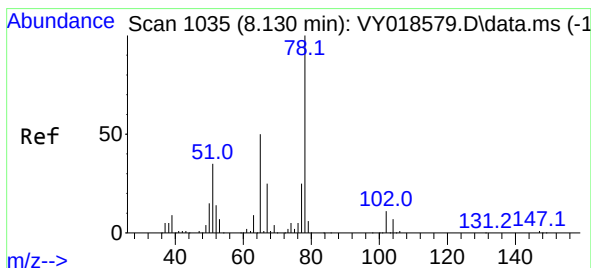
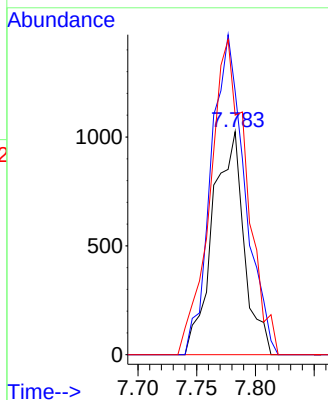
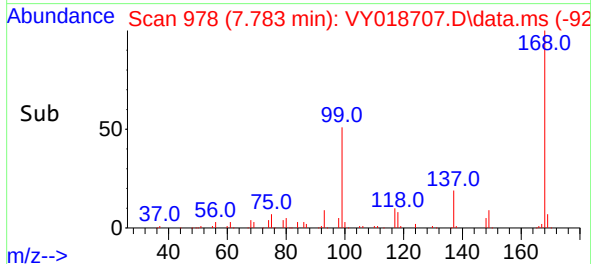


#31
Cyclohexane
Concen: 1.282 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY018707.D
Acq: 26 Jun 2024 15:06

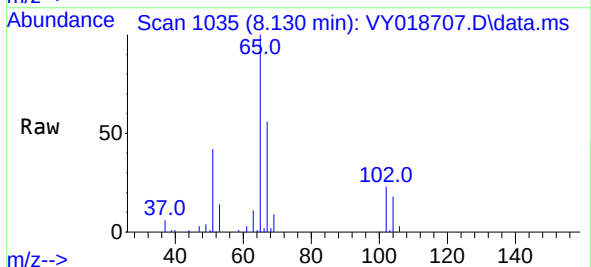
Instrument :
MSVOA_Y
ClientSampleId :



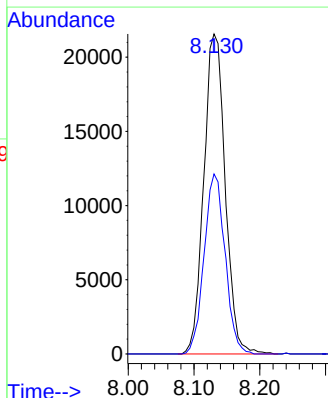
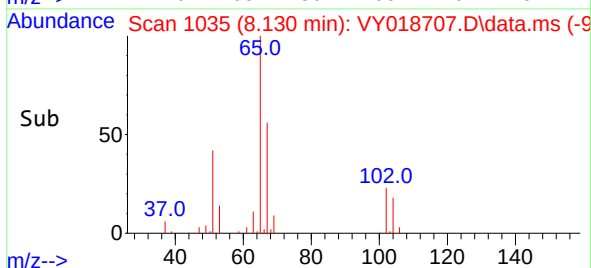
Tgt Ion: 56 Resp: 1906
Ion Ratio Lower Upper
56 100
69 118.0 28.7 43.1#
84 107.3 77.7 116.5

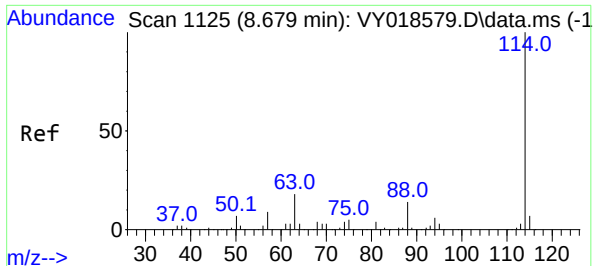


#33
1,2-Dichloroethane-d4
Concen: 50.305 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018707.D
Acq: 26 Jun 2024 15:06



Tgt Ion: 65 Resp: 48830
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018707.D

Acq: 26 Jun 2024 15:06

Instrument :

MSVOA_Y

ClientSampleId :

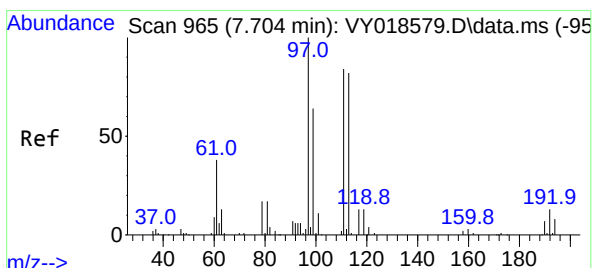
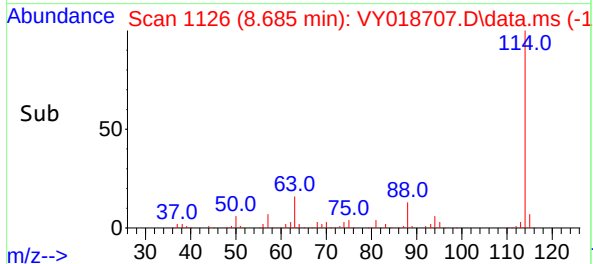
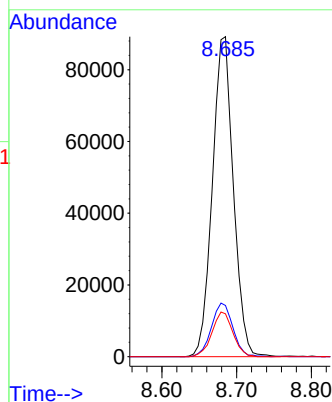
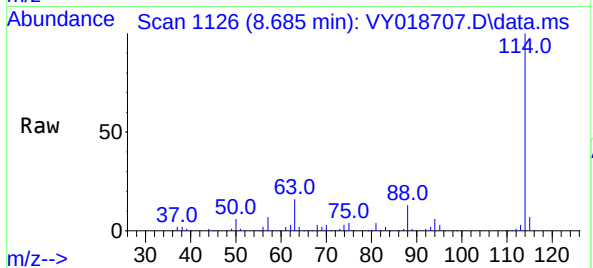
Tgt Ion:114 Resp: 174012

Ion Ratio Lower Upper

114 100

63 16.0 0.0 35.0

88 13.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.810 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018707.D

Acq: 26 Jun 2024 15:06

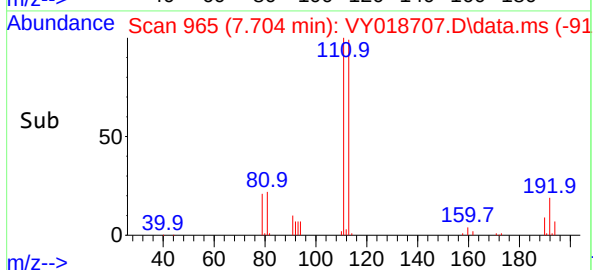
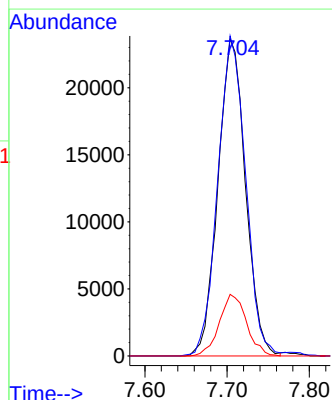
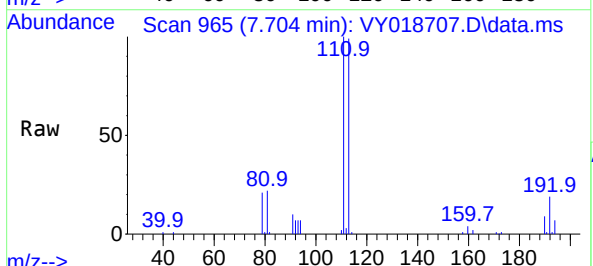
Tgt Ion:113 Resp: 54997

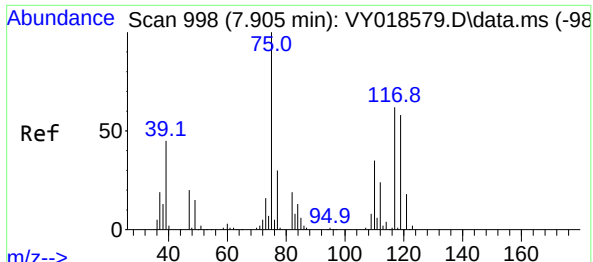
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

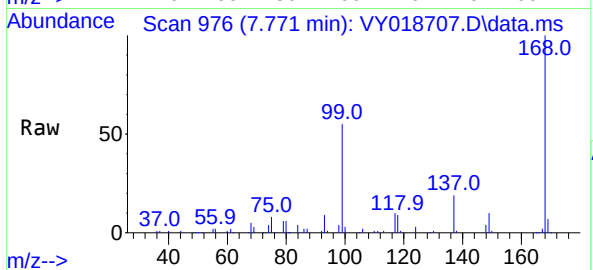
192 19.2 15.9 23.9



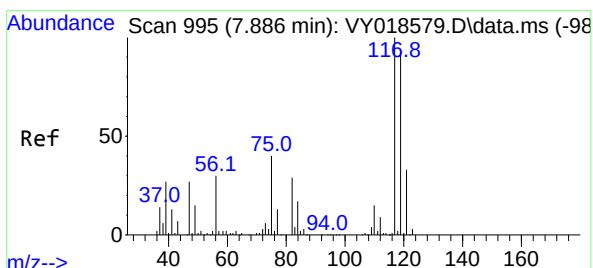
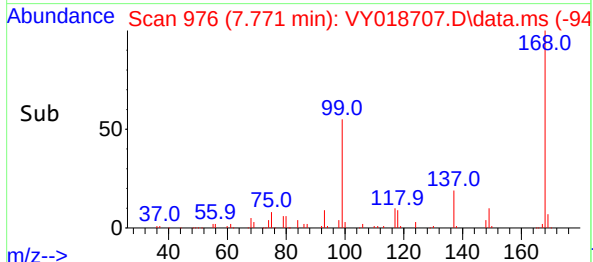
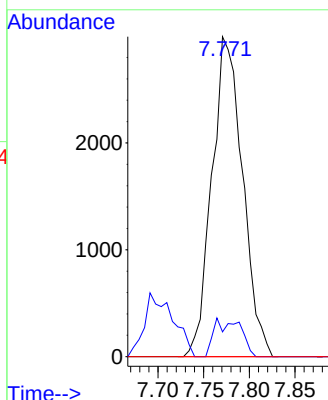


#36
1,1-Dichloropropene
Concen: 4.791 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018707.D
Acq: 26 Jun 2024 15:06

Instrument :
MSVOA_Y
ClientSampleId :

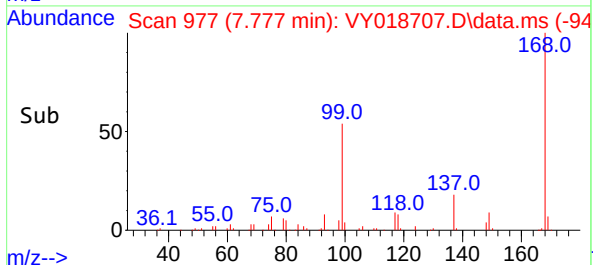
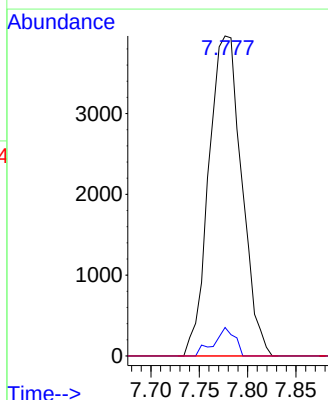
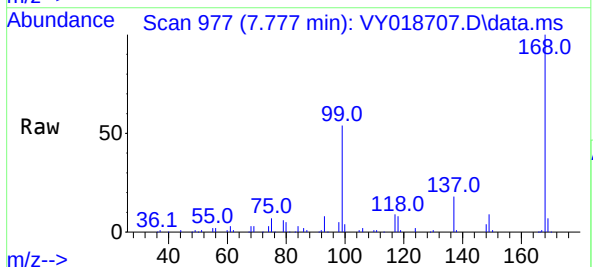


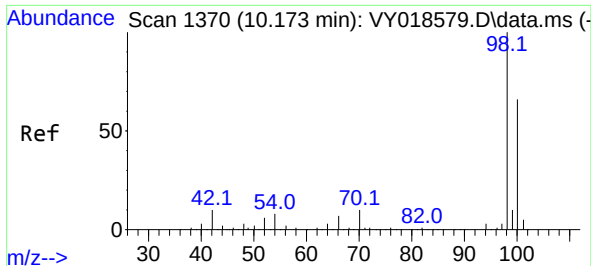
Tgt Ion: 75 Resp: 7000
Ion Ratio Lower Upper
75 100
110 4.0 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.108 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.110 min
Lab File: VY018707.D
Acq: 26 Jun 2024 15:06

Tgt Ion: 117 Resp: 9363
Ion Ratio Lower Upper
117 100
119 8.9 75.8 113.6#
121 0.0 24.0 36.0#

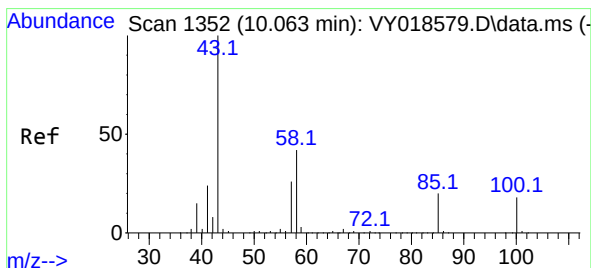
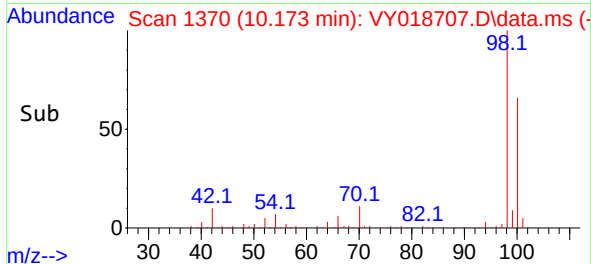
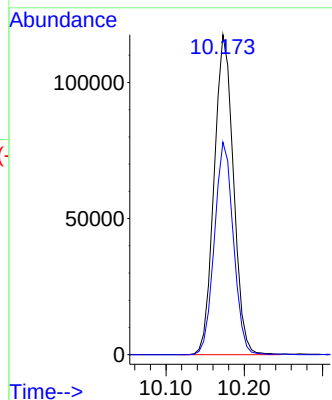
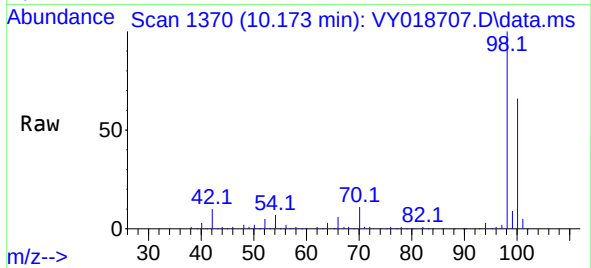




#50
Toluene-d8
Concen: 49.420 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018707.D
Acq: 26 Jun 2024 15:06

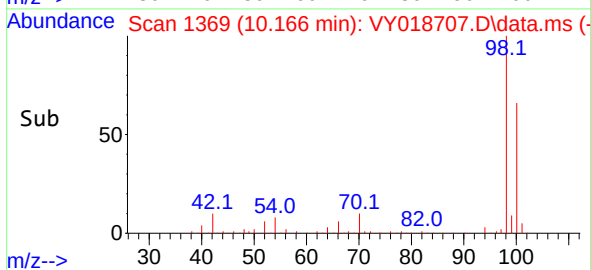
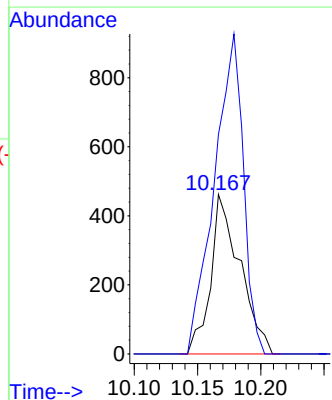
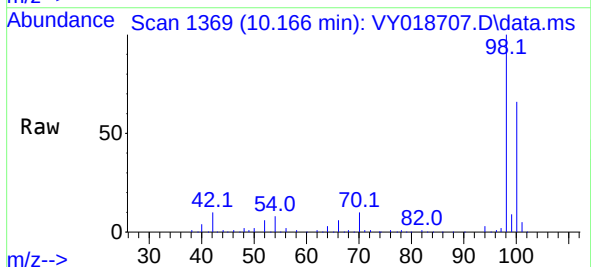
Instrument :
MSVOA_Y
ClientSampleId :

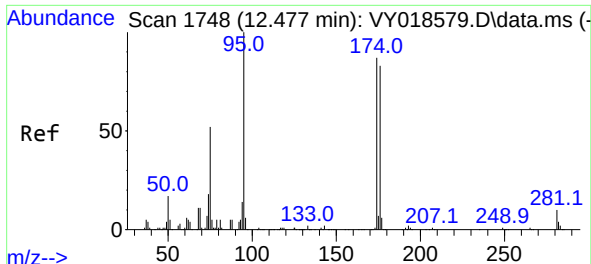
Tgt Ion: 98 Resp: 201740
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.099 ug/l
RT: 10.166 min Scan# 1369
Delta R.T. 0.104 min
Lab File: VY018707.D
Acq: 26 Jun 2024 15:06

Tgt Ion: 43 Resp: 744
Ion Ratio Lower Upper
43 100
58 198.7 35.7 53.5#

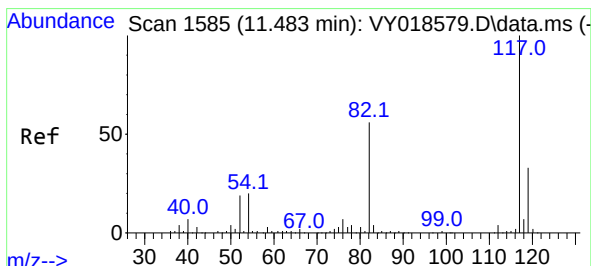
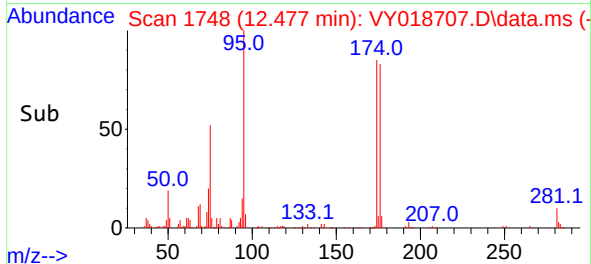
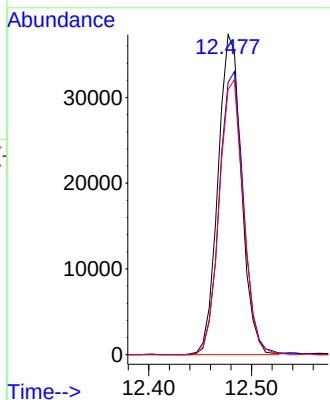
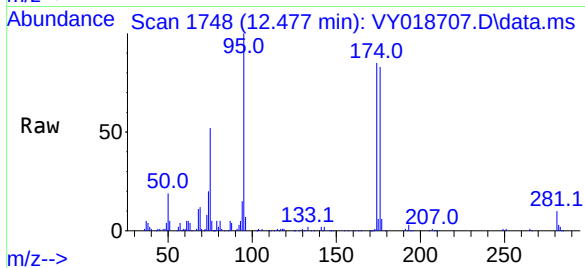




#62
4-Bromofluorobenzene
Concen: 45.915 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018707.D
Acq: 26 Jun 2024 15:06

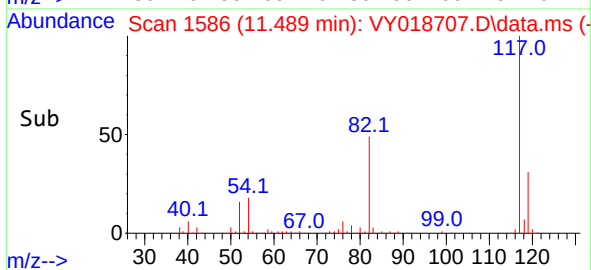
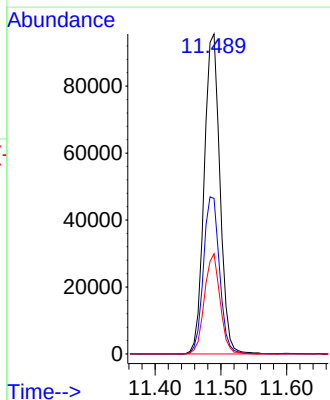
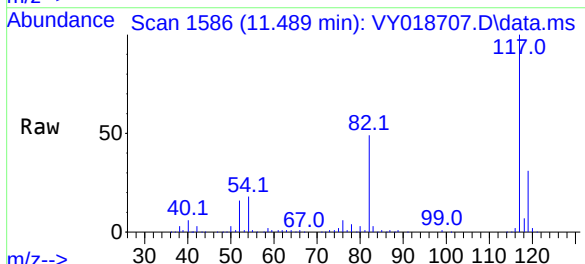
Instrument :
MSVOA_Y
ClientSampleId :

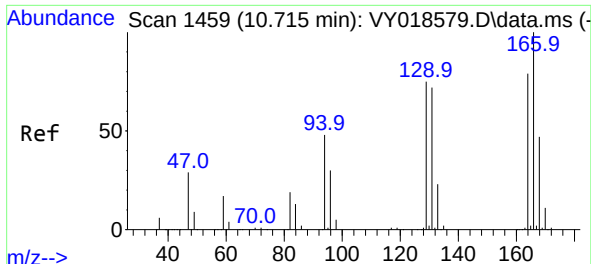
Tgt Ion:	95	Resp:	59186
Ion	Ratio	Lower	Upper
95	100		
174	91.7	0.0	175.6
176	88.3	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018707.D
Acq: 26 Jun 2024 15:06

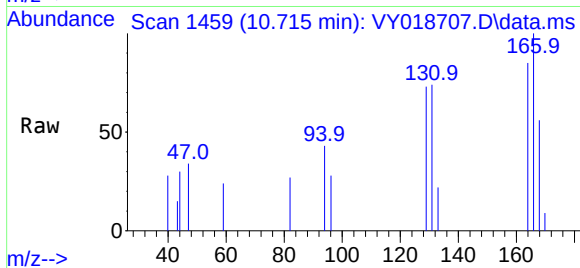
Tgt Ion:	117	Resp:	159499
Ion	Ratio	Lower	Upper
117	100		
82	48.6	42.4	63.6
119	31.3	25.9	38.9



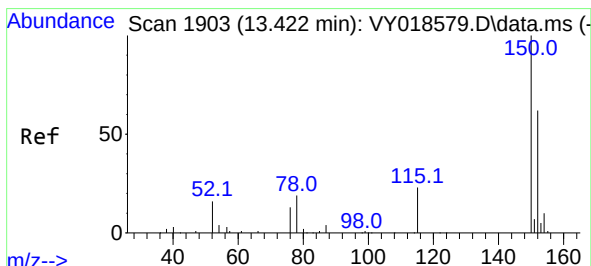
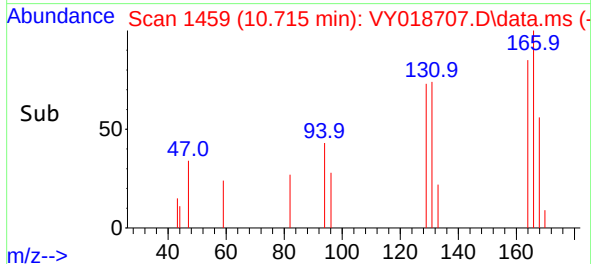
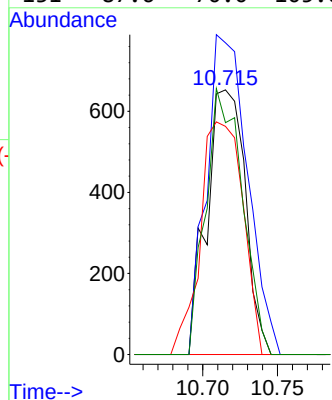


#64
Tetrachloroethene
Concen: 1.029 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY018707.D
Acq: 26 Jun 2024 15:06

Instrument :
MSVOA_Y
ClientSampleId :

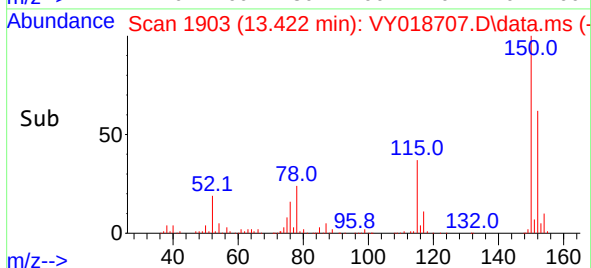
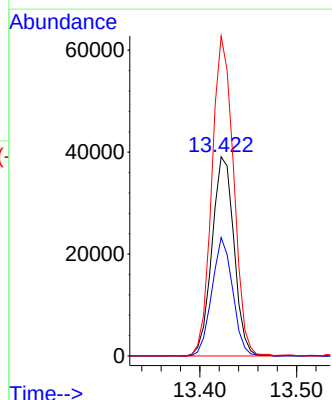
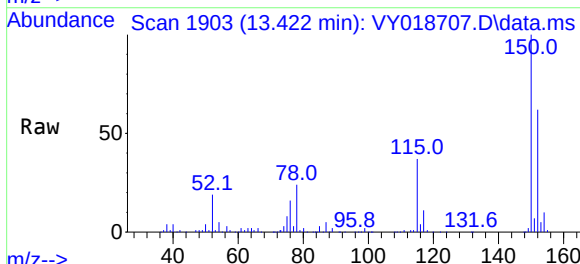


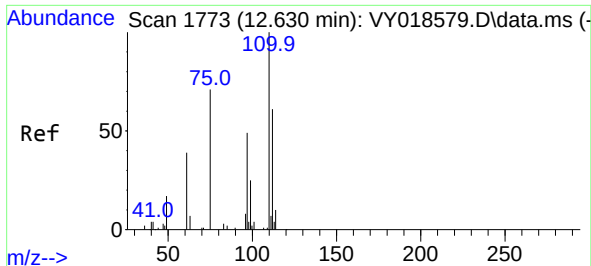
Tgt Ion:164 Resp: 1171
Ion Ratio Lower Upper
164 100
166 117.8 102.6 154.0
129 86.2 72.0 108.0
131 87.6 70.0 105.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018707.D
Acq: 26 Jun 2024 15:06

Tgt Ion:152 Resp: 61924
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 157.9 0.0 345.6

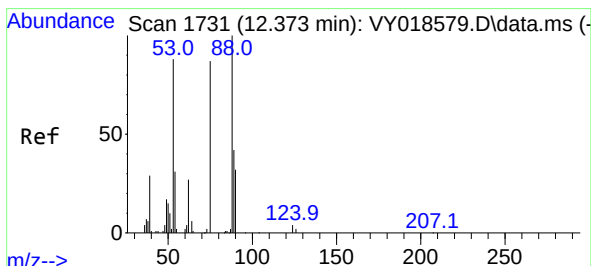
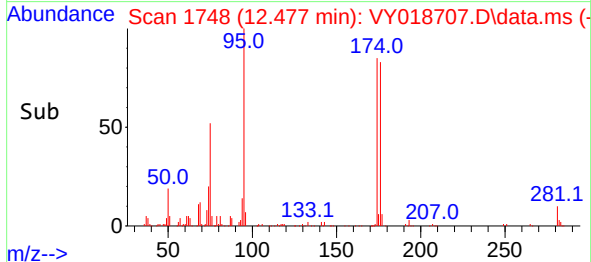
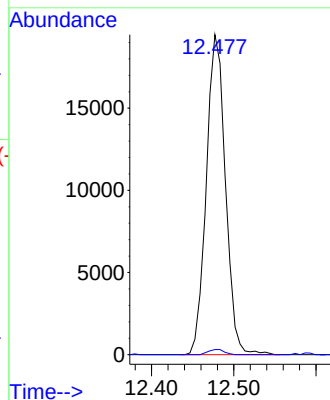
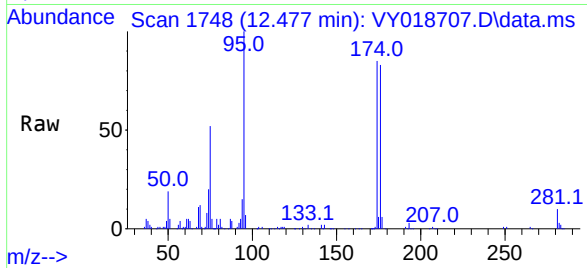




#76
1,2,3-Trichloropropane
Concen: 54.267 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018707.D
Acq: 26 Jun 2024 15:06

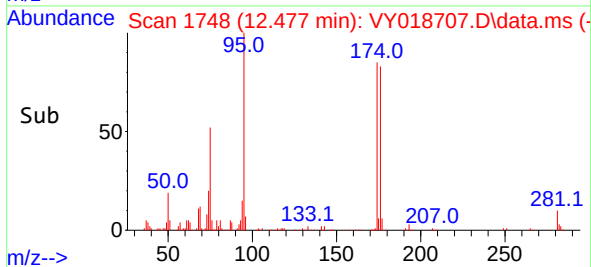
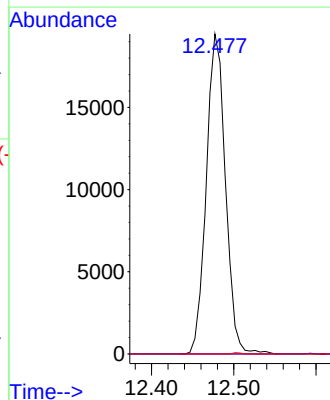
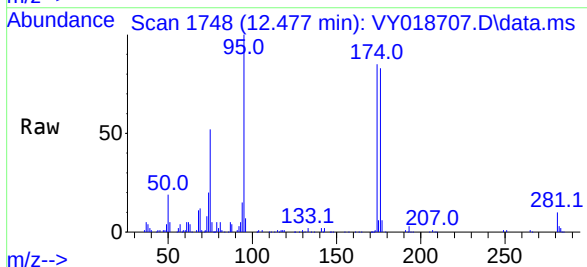
Instrument :
MSVOA_Y
ClientSampleId :

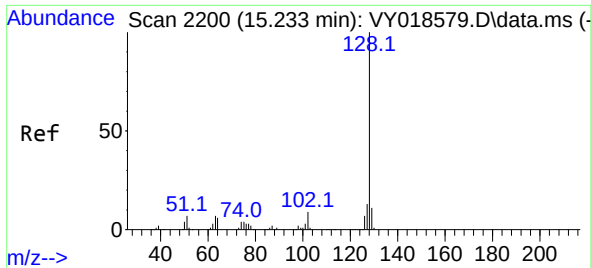
Tgt Ion: 75 Resp: 31522
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 142.144 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018707.D
Acq: 26 Jun 2024 15:06

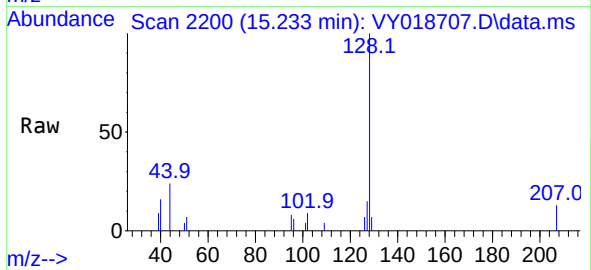
Tgt Ion: 75 Resp: 31522
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 1.238 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY018707.D
Acq: 26 Jun 2024 15:06

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 2322

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	10.5	8.6	13.0

