

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014368.D
 Acq On : 22 Jun 2023 07:41
 Operator : KP/MD
 Sample : 03362-07
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jun 22 08:55:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

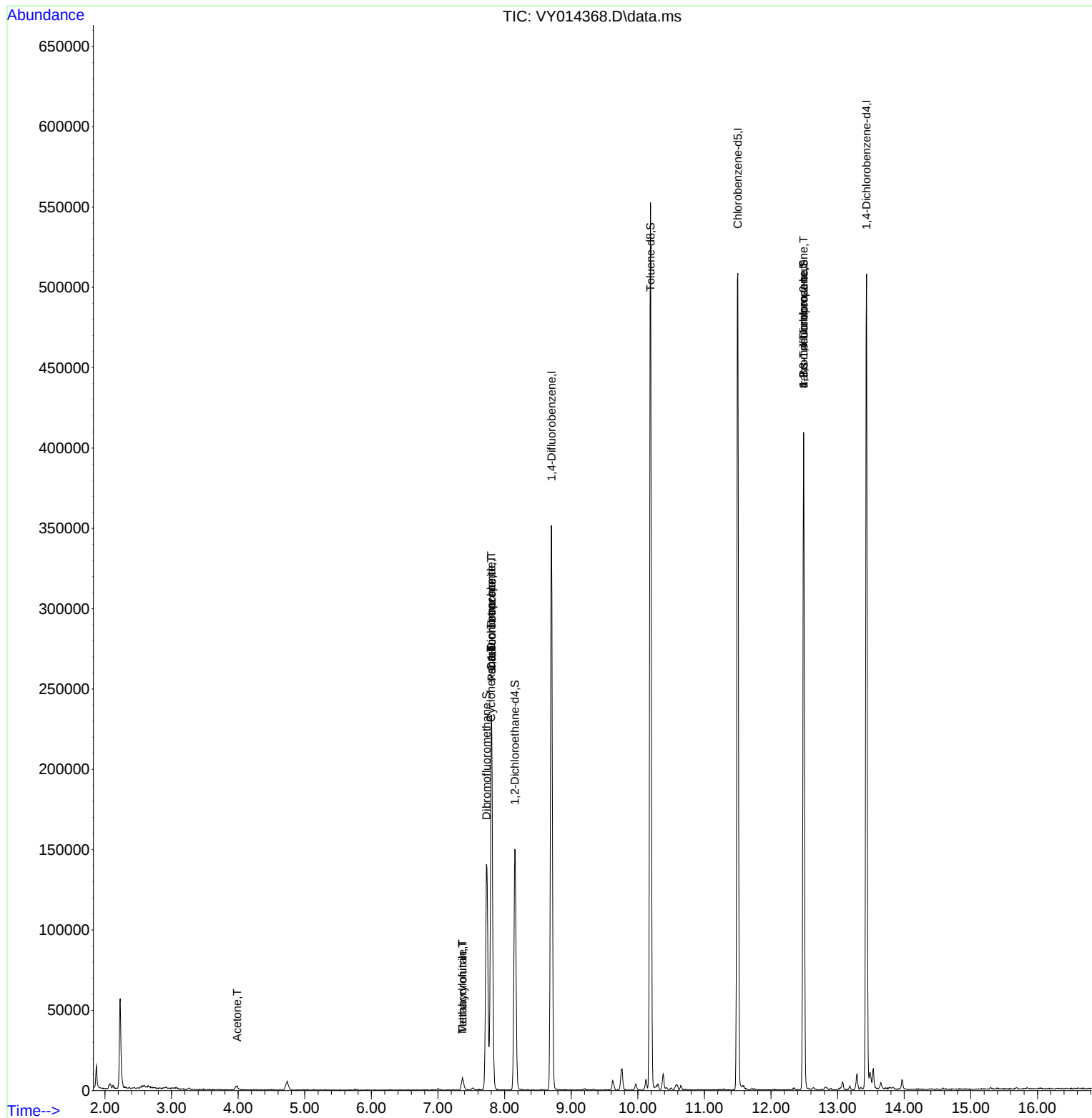
Internal Standards						
1) Pentafluorobenzene	7.807	168	181233	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.703	114	289725	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	277498	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	131270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	129003	51.117	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.240%	
35) Dibromofluoromethane	7.728	113	96221	46.831	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.660%	
50) Toluene-d8	10.191	98	353433	46.011	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.020%	
62) 4-Bromofluorobenzene	12.489	95	113689	41.664	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	193	Below Cal	#	89
16) Acetone	3.985	43	4623	6.077	ug/l #	75
20) Methylene Chloride	4.722	84	2073	Below Cal	#	66
29) Tetrahydrofuran	7.368	42	5691	9.584	ug/l	96
31) Cyclohexane	7.795	56	4417	1.307	ug/l #	53
36) 1,1-Dichloropropene	7.801	75	13245	4.135	ug/l #	51
38) Carbon Tetrachloride	7.801	117	17859	4.831	ug/l #	16
41) Methacrylonitrile	7.368	41	3382	2.998	ug/l #	43
76) 1,2,3-Trichloropropane	12.489	75	62784	36.455	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	62784	78.802	ug/l #	11

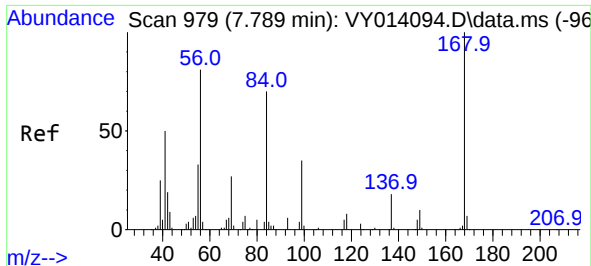
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
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Instrument :
MSVOA_Y
ClientSampleId :
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Quant Time: Jun 22 08:55:57 2023
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Quant Title : SW846 8260
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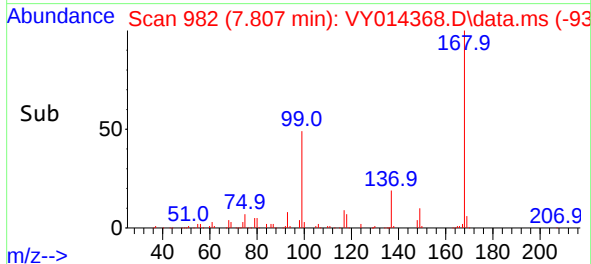
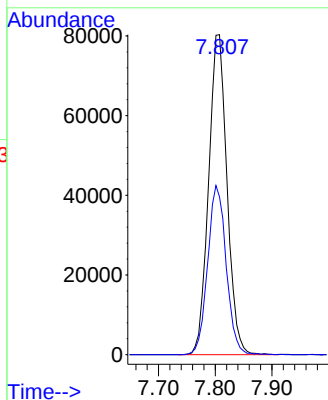
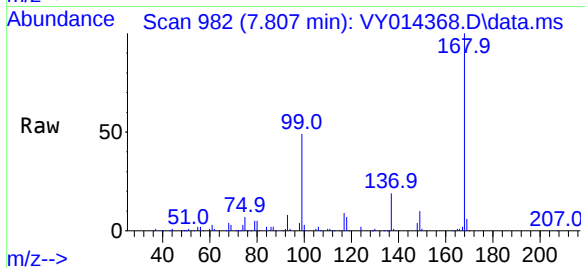




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY014368.D
Acq: 22 Jun 2023 07:41

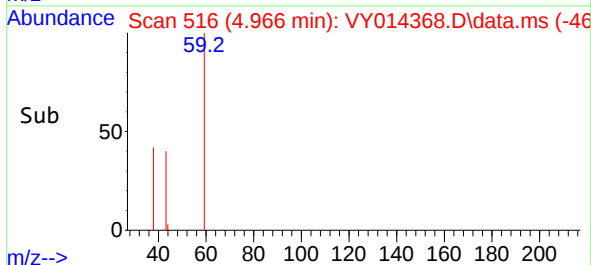
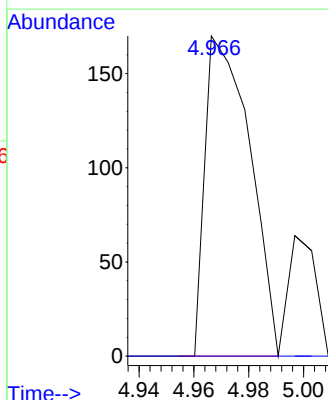
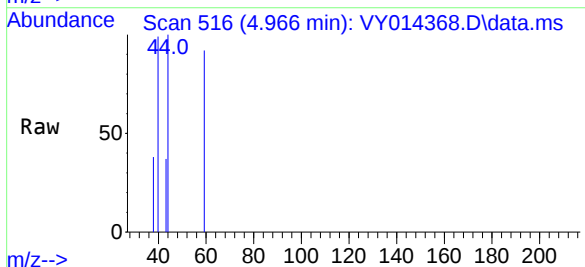
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

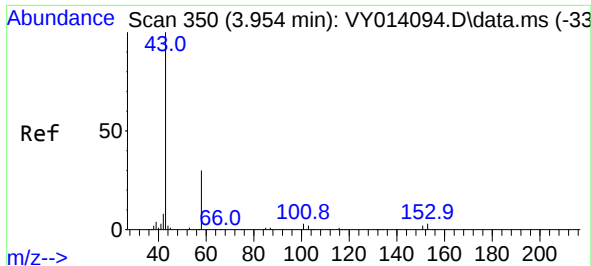
Tgt Ion:168 Resp: 181233
Ion Ratio Lower Upper
168 100
99 49.3 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY014368.D
Acq: 22 Jun 2023 07:41

Tgt Ion: 59 Resp: 193
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

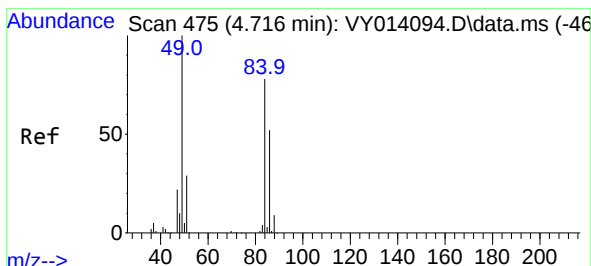
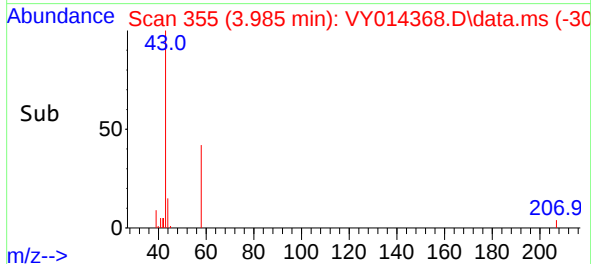
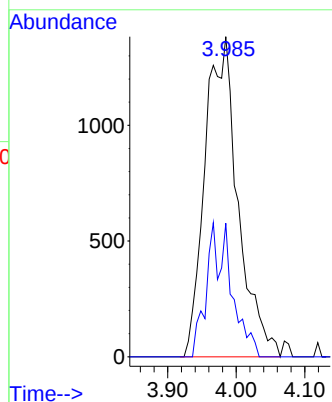
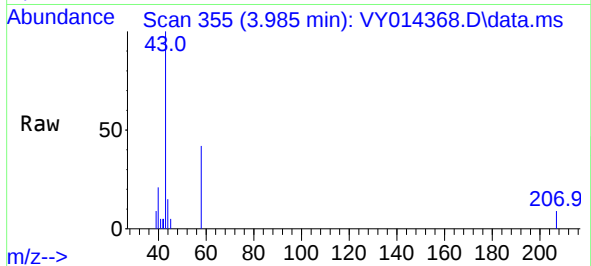




#16
Acetone
Concen: 6.077 ug/l
RT: 3.985 min Scan# 31
Delta R.T. 0.031 min
Lab File: VY014368.D
Acq: 22 Jun 2023 07:41

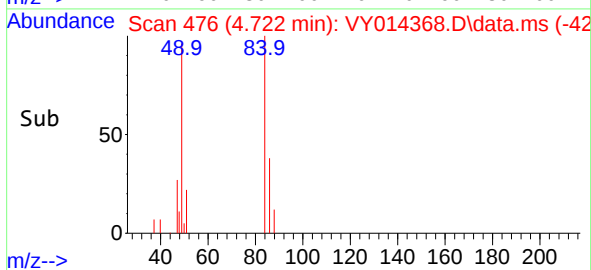
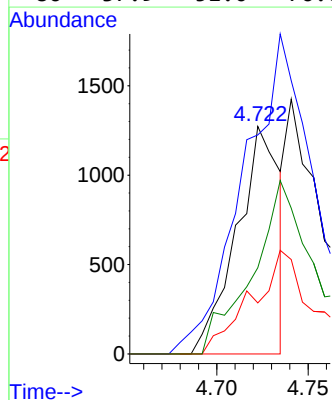
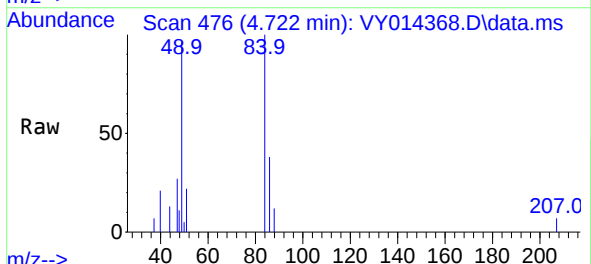
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

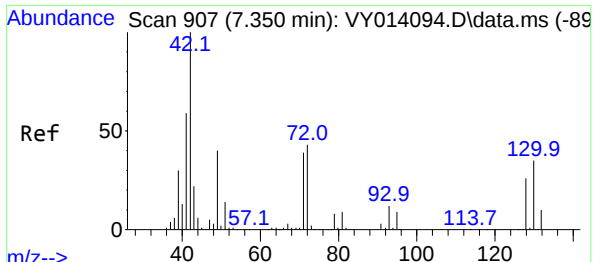
Tgt Ion: 43 Resp: 4623
Ion Ratio Lower Upper
43 100
58 41.7 22.7 34.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY014368.D
Acq: 22 Jun 2023 07:41

Tgt Ion: 84 Resp: 2073
Ion Ratio Lower Upper
84 100
49 91.3 106.9 160.3#
51 22.4 33.2 49.8#
86 37.9 51.0 76.6#

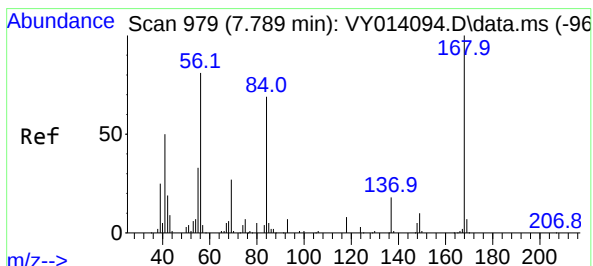
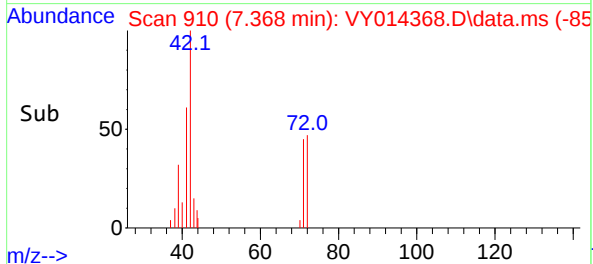
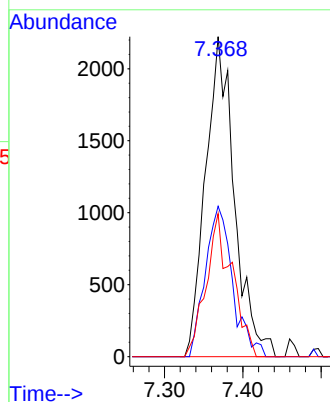
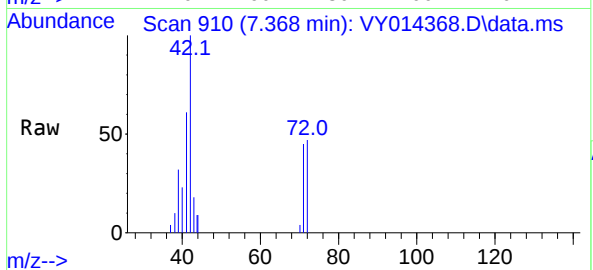




#29
Tetrahydrofuran
Concen: 9.584 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.018 min
Lab File: VY014368.D
Acq: 22 Jun 2023 07:41

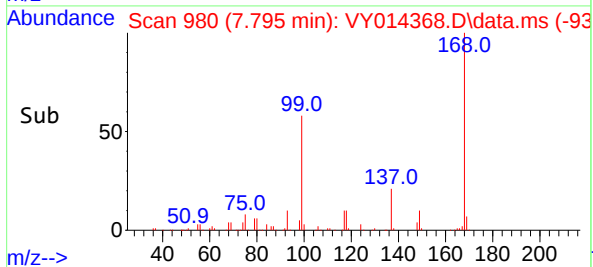
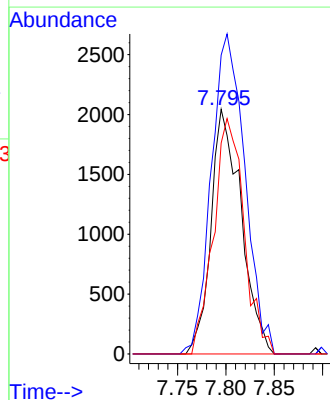
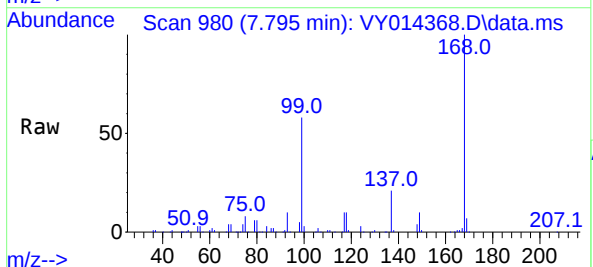
Instrument :
MSVOA_Y
ClientSampleId :
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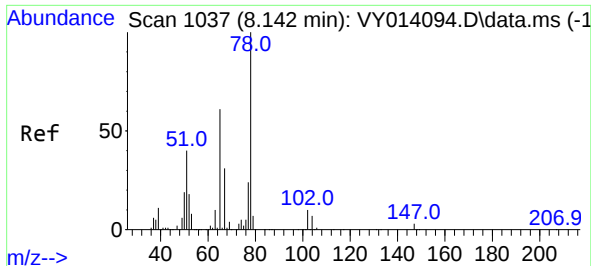
Tgt Ion:	42	Resp:	5691
Ion	Ratio	Lower	Upper
42	100		
72	44.5	32.8	49.2
71	40.1	31.0	46.4



#31
Cyclohexane
Concen: 1.307 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY014368.D
Acq: 22 Jun 2023 07:41

Tgt Ion:	56	Resp:	4417
Ion	Ratio	Lower	Upper
56	100		
69	122.2	27.8	41.6#
84	86.2	66.4	99.6





#33

1,2-Dichloroethane-d4

Concen: 51.117 ug/l

RT: 8.155 min Scan# 1

Delta R.T. 0.013 min

Lab File: VY014368.D

Acq: 22 Jun 2023 07:41

Instrument :

MSVOA_Y

ClientSampleId :

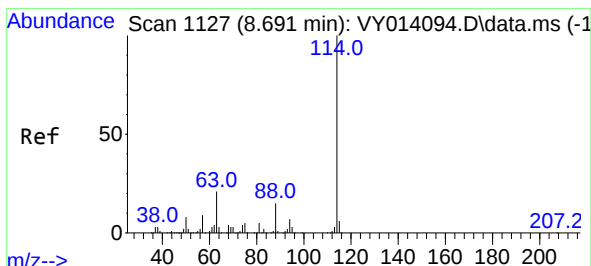
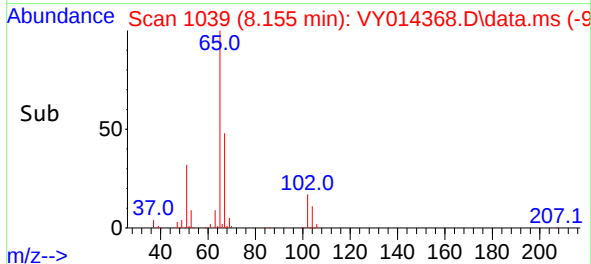
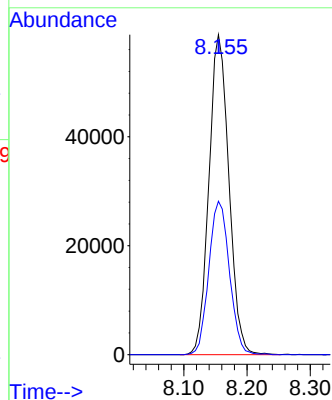
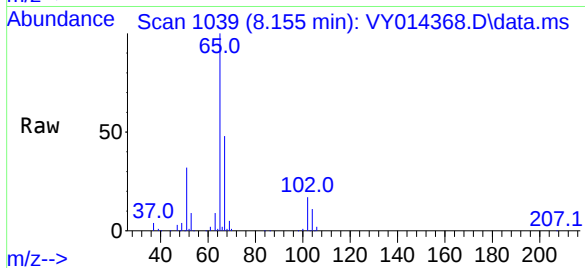
TRIP-BLANK

Tgt Ion: 65 Resp: 129003

Ion Ratio Lower Upper

65 100

67 49.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY014368.D

Acq: 22 Jun 2023 07:41

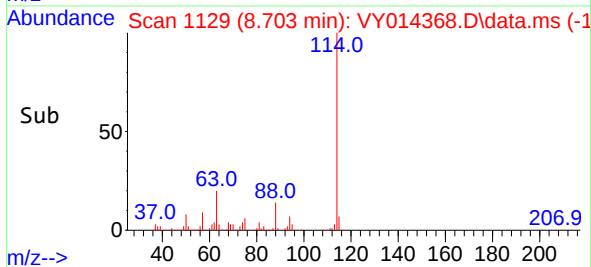
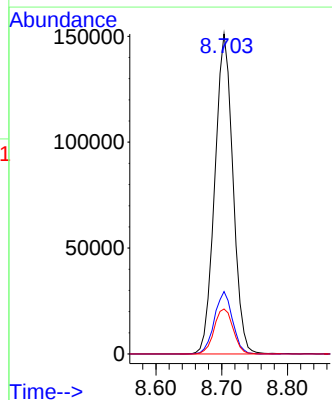
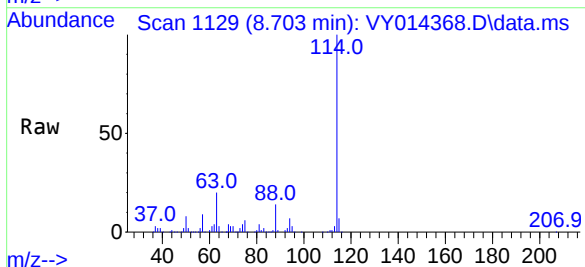
Tgt Ion:114 Resp: 289725

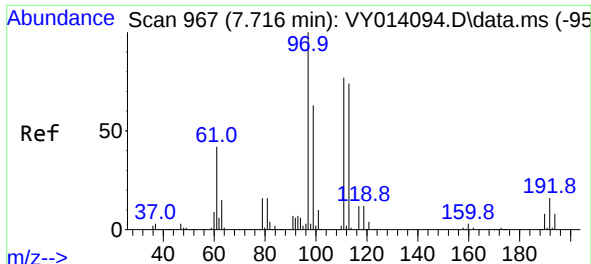
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

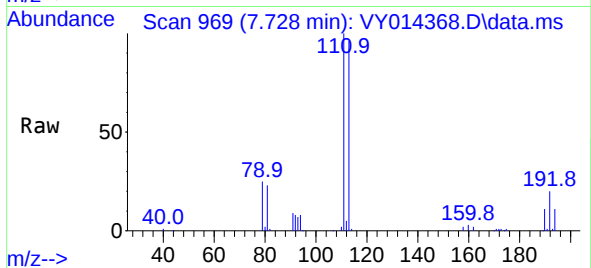
88 14.0 0.0 30.6



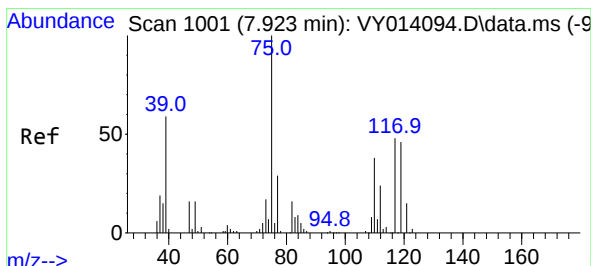
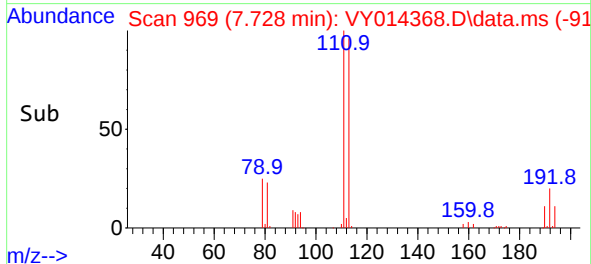
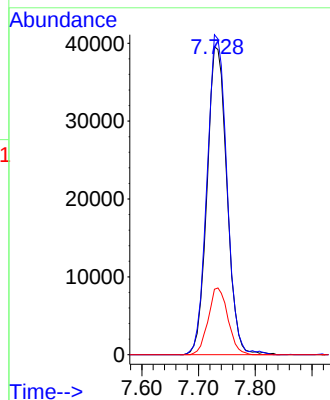


#35
Dibromofluoromethane
Concen: 46.831 ug/l
RT: 7.728 min Scan# 901
Delta R.T. 0.012 min
Lab File: VY014368.D
Acq: 22 Jun 2023 07:41

Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

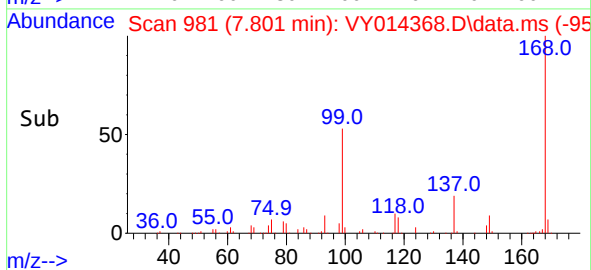
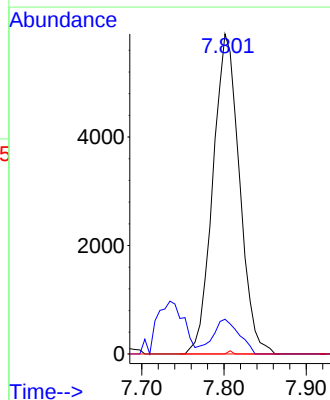
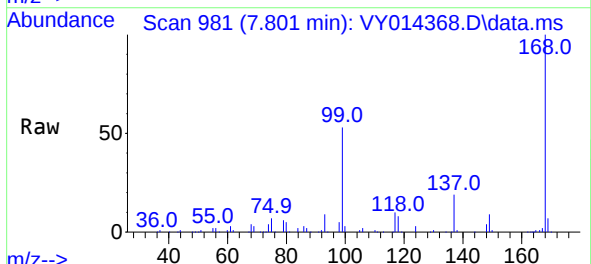


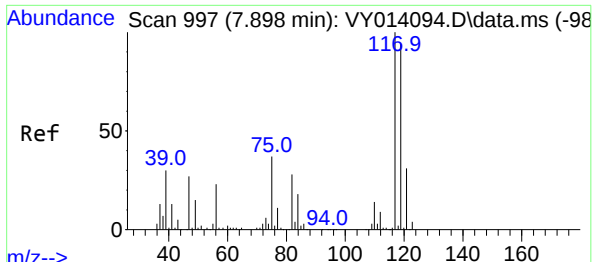
Tgt Ion:113 Resp: 96221
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 21.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.135 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY014368.D
Acq: 22 Jun 2023 07:41

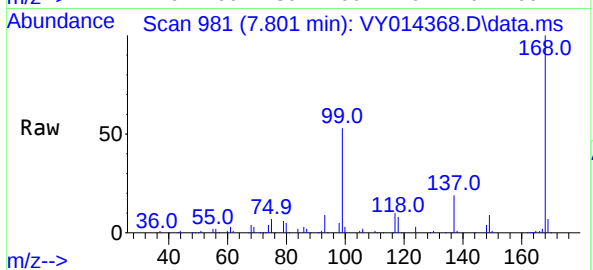
Tgt Ion: 75 Resp: 13245
Ion Ratio Lower Upper
75 100
110 10.5 17.8 53.5#
77 0.2 24.4 36.6#



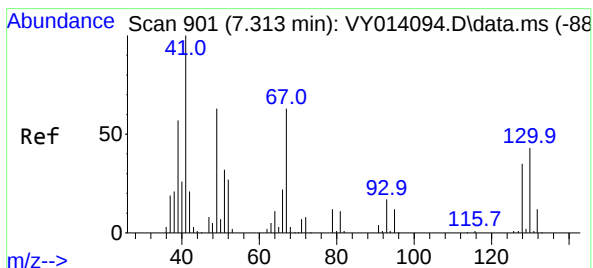
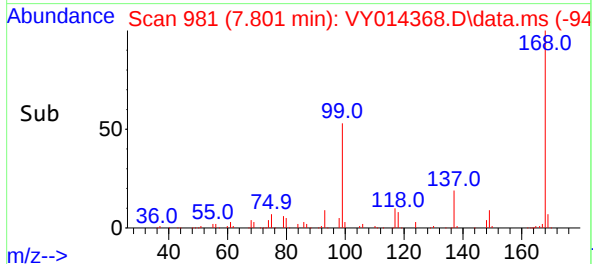
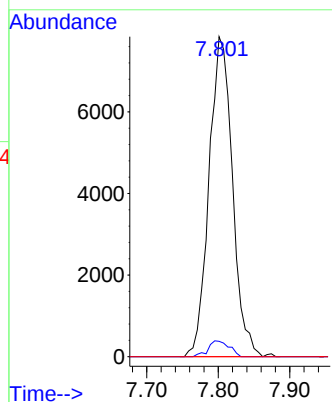


#38
Carbon Tetrachloride
Concen: 4.831 ug/l
RT: 7.801 min Scan# 910
Delta R.T. -0.097 min
Lab File: VY014368.D
Acq: 22 Jun 2023 07:41

Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

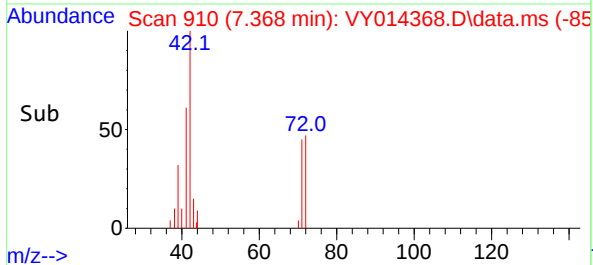
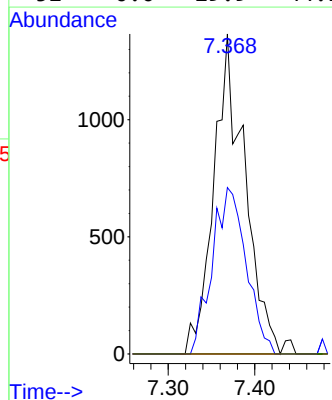
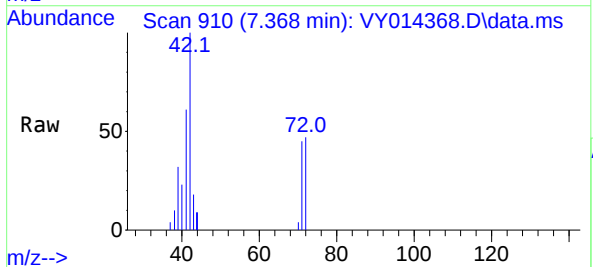


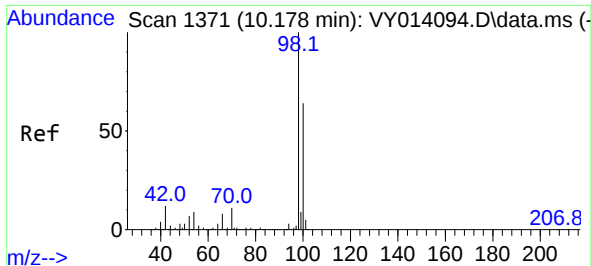
Tgt Ion:117 Resp: 17859
Ion Ratio Lower Upper
117 100
119 4.8 76.4 114.6#
121 0.0 25.8 38.6#



#41
Methacrylonitrile
Concen: 2.998 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.055 min
Lab File: VY014368.D
Acq: 22 Jun 2023 07:41

Tgt Ion: 41 Resp: 3382
Ion Ratio Lower Upper
41 100
39 57.4 52.1 78.1
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#

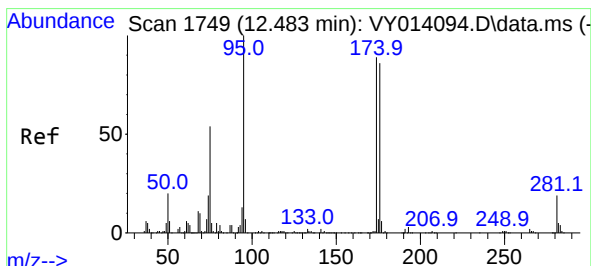
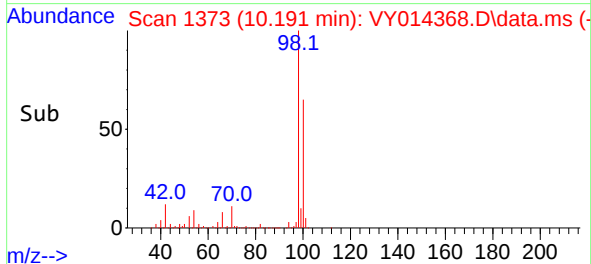
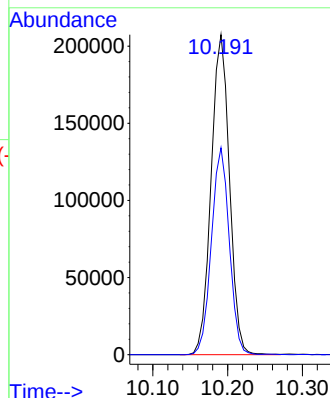
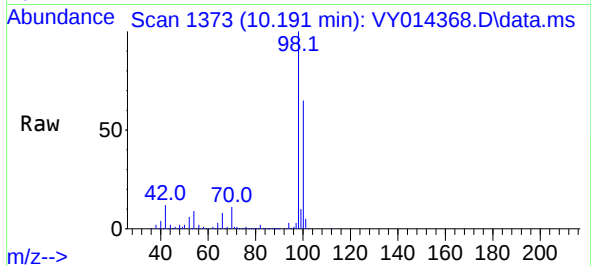




#50
Toluene-d8
Concen: 46.011 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY014368.D
Acq: 22 Jun 2023 07:41

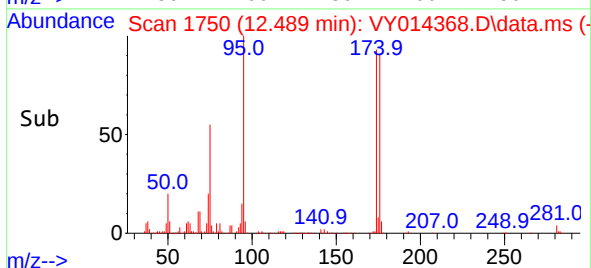
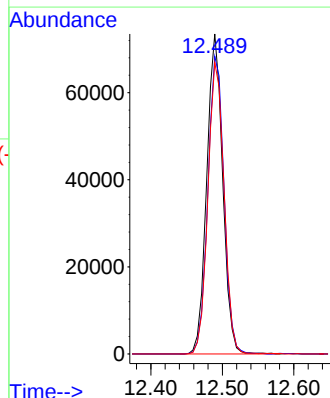
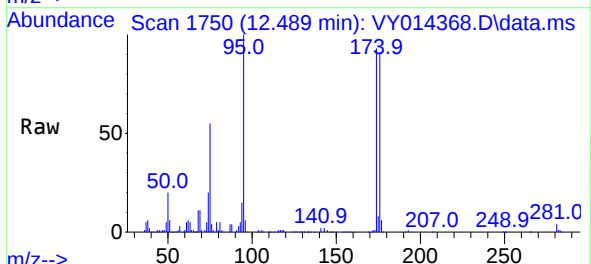
Instrument :
MSVOA_Y
ClientSampleId :
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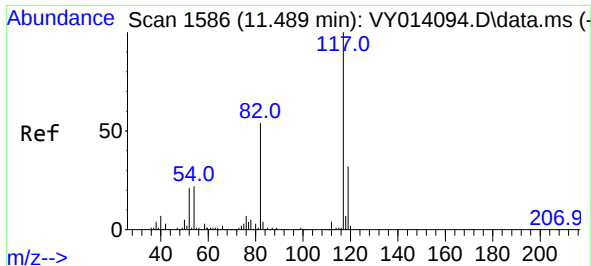
Tgt Ion: 98 Resp: 353433
Ion Ratio Lower Upper
98 100
100 63.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.664 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014368.D
Acq: 22 Jun 2023 07:41

Tgt Ion: 95 Resp: 113689
Ion Ratio Lower Upper
95 100
174 94.4 0.0 178.2
176 92.4 0.0 173.8

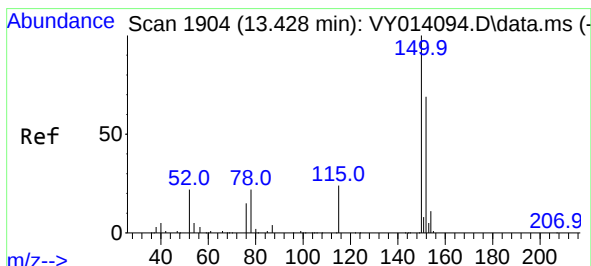
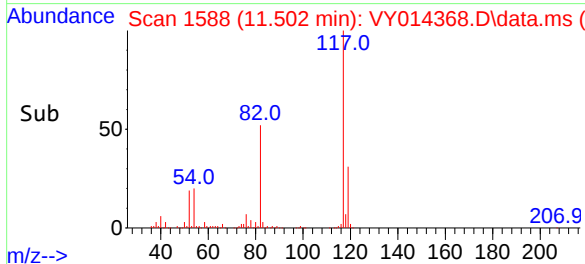
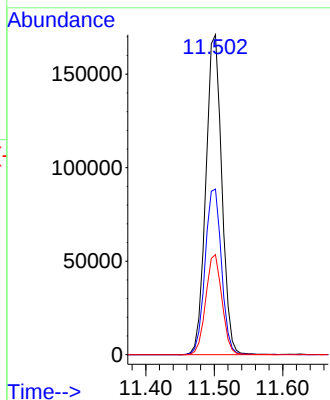
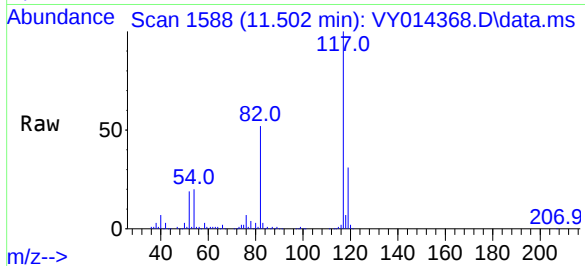




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY014368.D
Acq: 22 Jun 2023 07:41

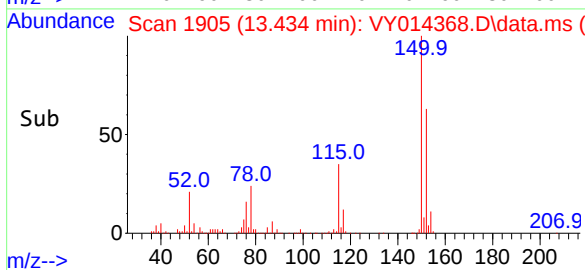
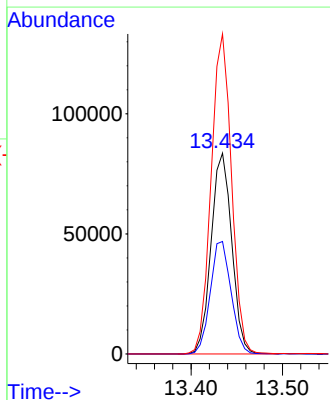
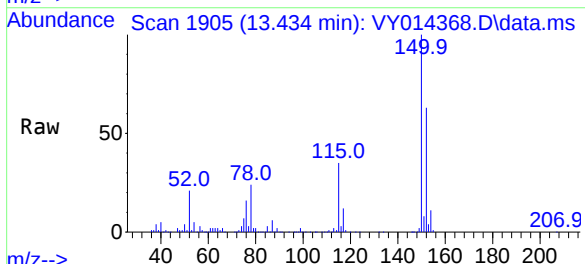
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

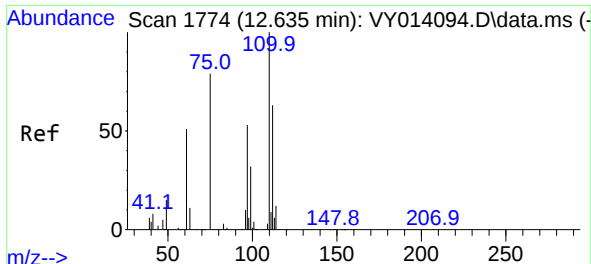
Tgt Ion:117 Resp: 277498
Ion Ratio Lower Upper
117 100
82 51.7 43.4 65.0
119 31.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY014368.D
Acq: 22 Jun 2023 07:41

Tgt Ion:152 Resp: 131270
Ion Ratio Lower Upper
152 100
115 56.4 28.8 86.5
150 157.2 0.0 348.8

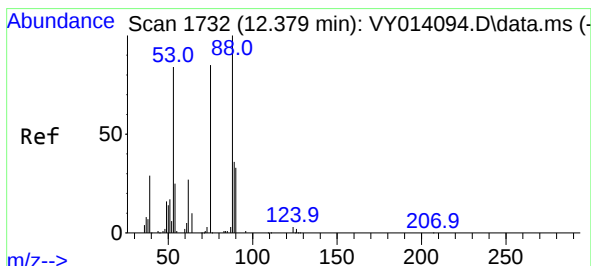
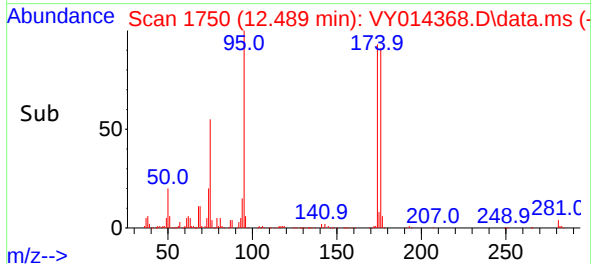
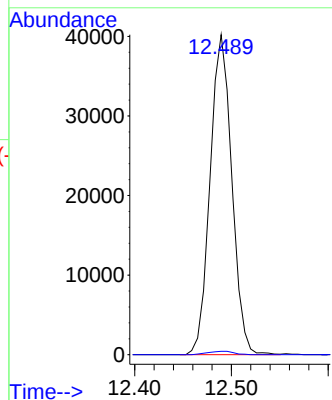
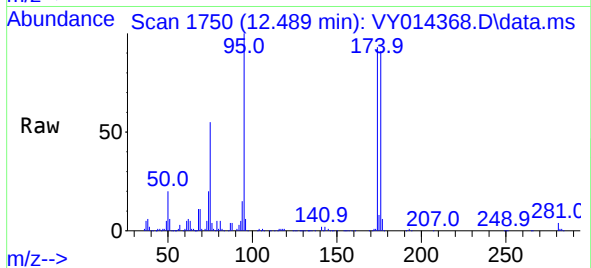




#76
1,2,3-Trichloropropane
Concen: 36.455 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY014368.D
Acq: 22 Jun 2023 07:41

Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 62784
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.802 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY014368.D
Acq: 22 Jun 2023 07:41

Tgt Ion: 75 Resp: 62784
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.1 37.4 56.0#

