

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101424\
 Data File : VY019888.D
 Acq On : 14 Oct 2024 13:45
 Operator : SY/MD
 Sample : P4385-13
 Misc : 6.77g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 15 01:36:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

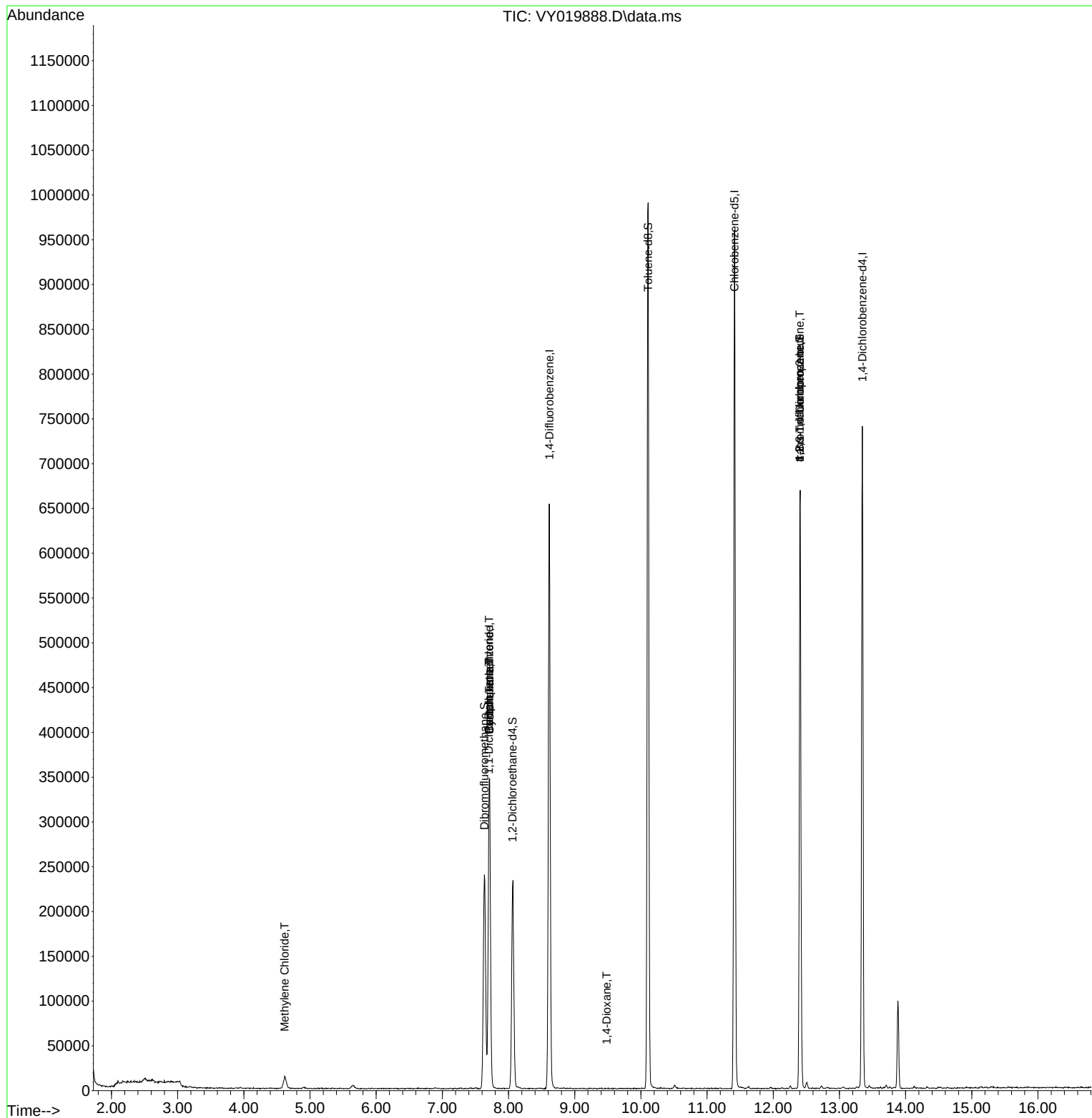
Internal Standards						
1) Pentafluorobenzene	7.707	168	246979	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	513227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	465047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	168651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	178676	58.755	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.500%	
35) Dibromofluoromethane	7.634	113	169620	50.084	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.160%	
50) Toluene-d8	10.109	98	628650	50.265	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.520%	
62) 4-Bromofluorobenzene	12.401	95	196315	43.442	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 86.880%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.616	84	9116	2.348	ug/l #	87
31) Cyclohexane	7.713	56	7205	1.418	ug/l #	1
36) 1,1-Dichloropropene	7.701	75	23747	4.867	ug/l #	48
38) Carbon Tetrachloride	7.707	117	27977	5.349	ug/l #	17
49) 1,4-Dioxane	9.481	88	53	2.345	ug/l #	20
76) 1,2,3-Trichloropropane	12.401	75	113307	34.295	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	113307	138.429	ug/l #	16

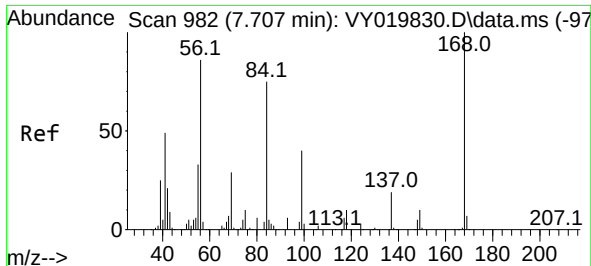
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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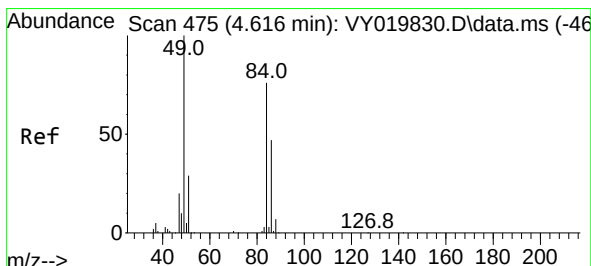
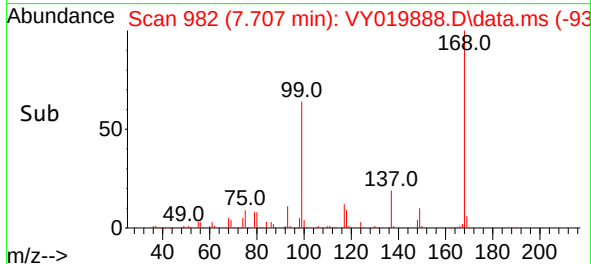
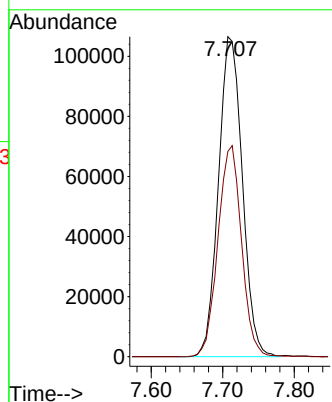
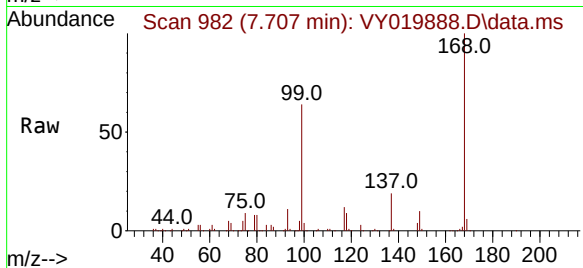




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019888.D
Acq: 14 Oct 2024 13:45

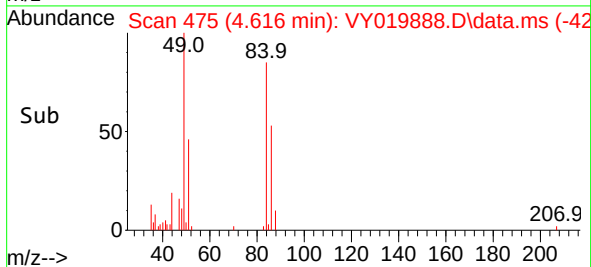
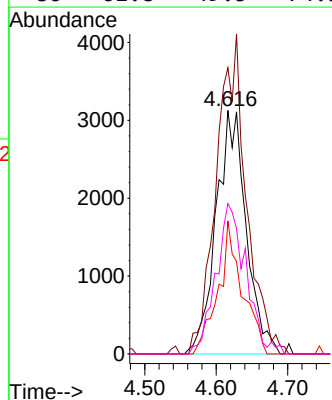
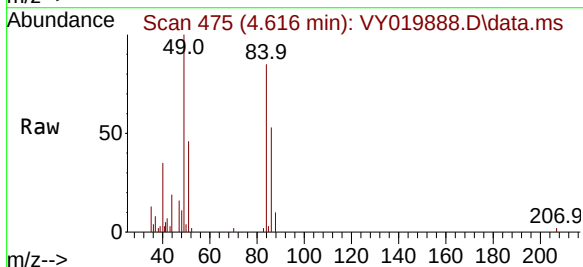
Instrument :
MSVOA_Y
ClientSampleId :

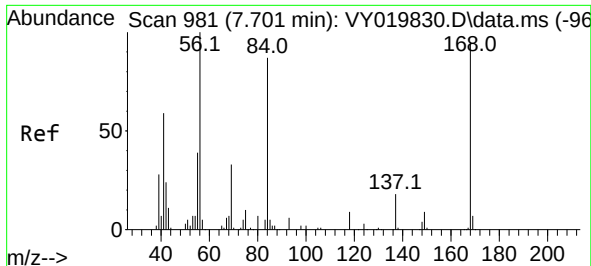
Tgt Ion:168 Resp: 246979
Ion Ratio Lower Upper
168 100
99 64.2 39.1 58.7#



#20
Methylene Chloride
Concen: 2.348 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019888.D
Acq: 14 Oct 2024 13:45

Tgt Ion: 84 Resp: 9116
Ion Ratio Lower Upper
84 100
49 117.6 84.4 126.6
51 54.7 26.0 39.0#
86 61.8 49.5 74.3

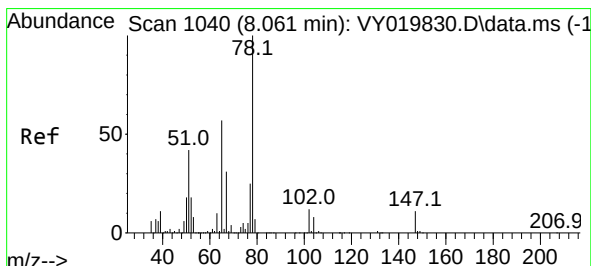
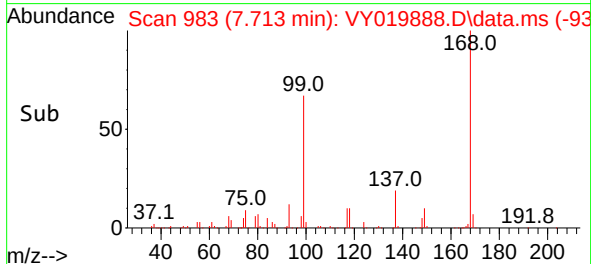
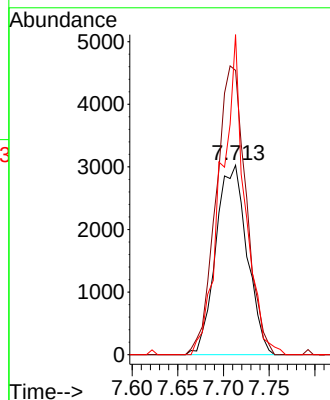
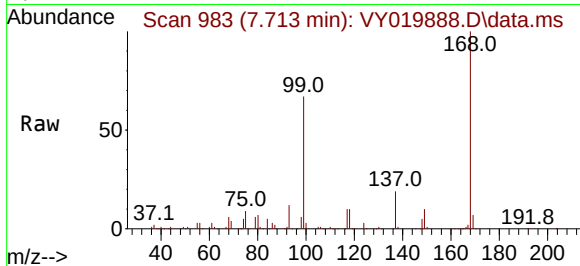




#31
Cyclohexane
Concen: 1.418 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY019888.D
Acq: 14 Oct 2024 13:45

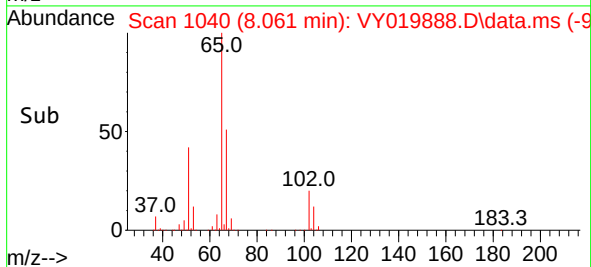
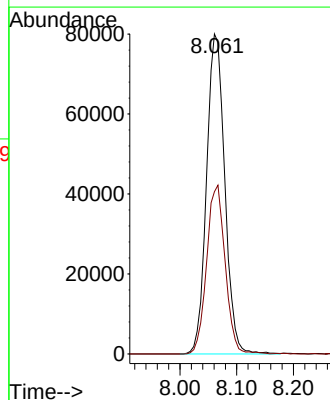
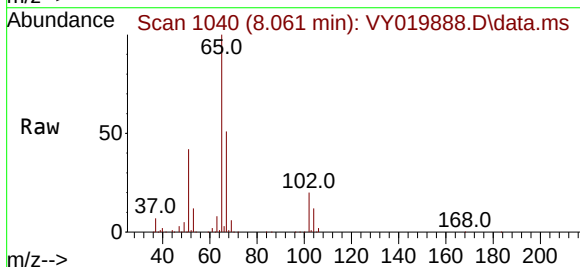
Instrument :
MSVOA_Y
ClientSampleId :

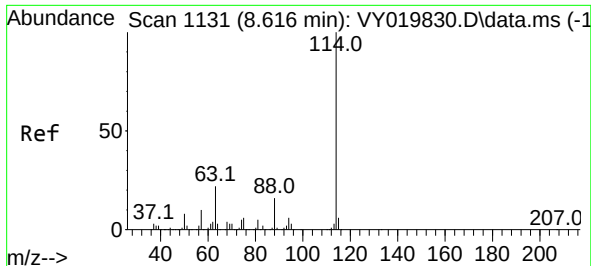
Tgt Ion: 56 Resp: 7205
Ion Ratio Lower Upper
56 100
69 150.0 28.7 43.1#
84 168.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 58.755 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019888.D
Acq: 14 Oct 2024 13:45

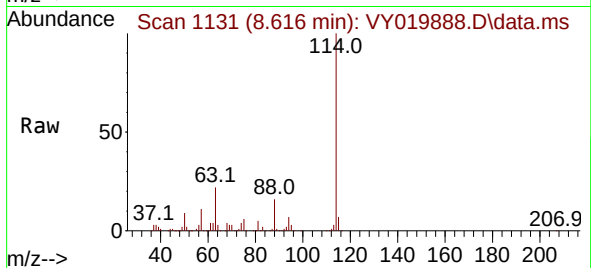
Tgt Ion: 65 Resp: 178676
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6



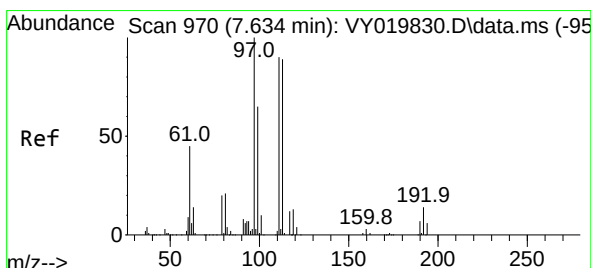
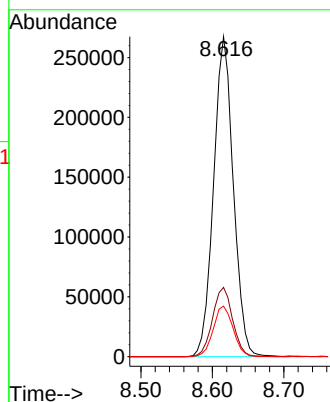
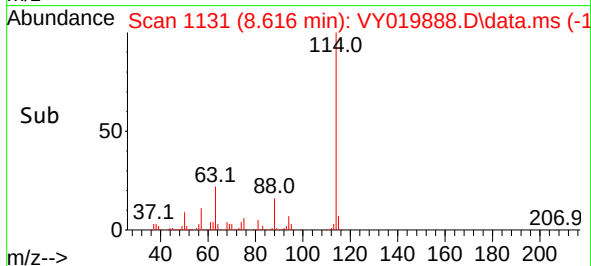


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019888.D
Acq: 14 Oct 2024 13:45

Instrument :
MSVOA_Y
ClientSampleId :

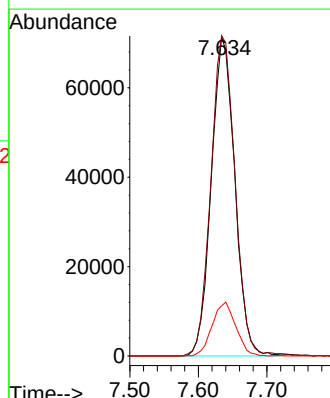
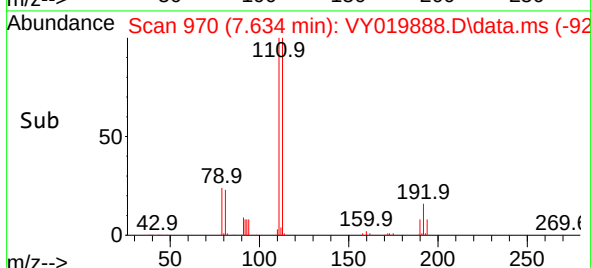
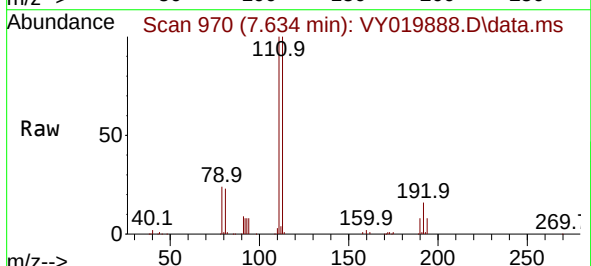


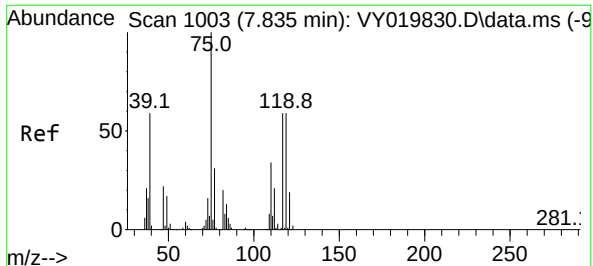
Tgt Ion:114 Resp: 513227
Ion Ratio Lower Upper
114 100
63 21.6 0.0 35.0
88 15.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.084 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019888.D
Acq: 14 Oct 2024 13:45

Tgt Ion:113 Resp: 169620
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 17.0 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.867 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.134 min

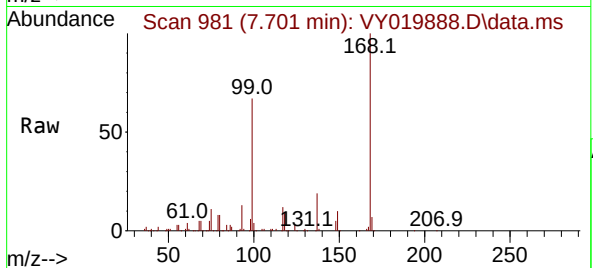
Lab File: VY019888.D

Acq: 14 Oct 2024 13:45

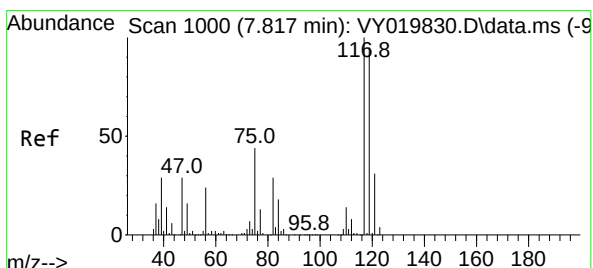
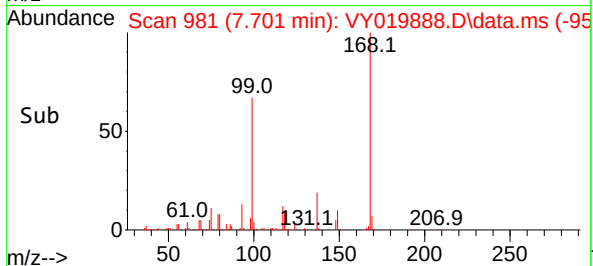
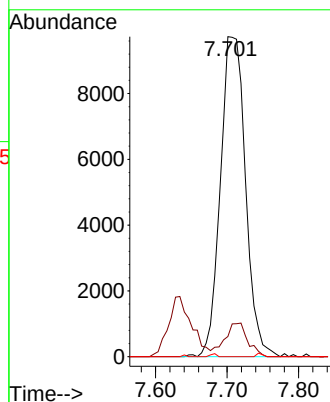
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	23747
Ion Ratio	Lower	Upper	
75	100		
110	9.6	19.0	57.0#
77	0.0	25.3	37.9#



#38

Carbon Tetrachloride

Concen: 5.349 ug/l

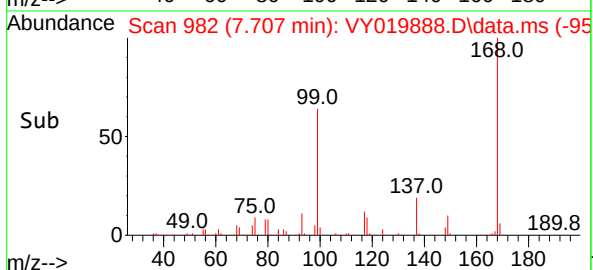
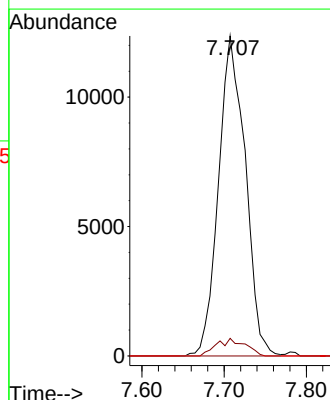
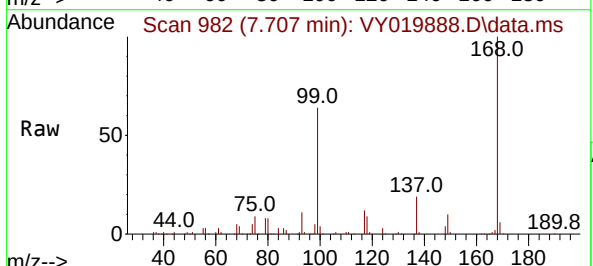
RT: 7.707 min Scan# 982

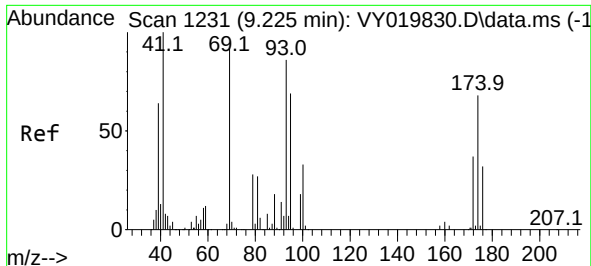
Delta R.T. -0.109 min

Lab File: VY019888.D

Acq: 14 Oct 2024 13:45

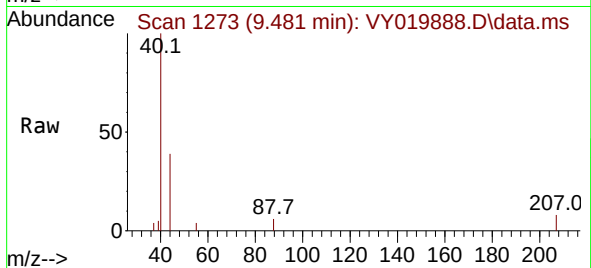
Tgt Ion:	117	Resp:	27977
Ion Ratio	Lower	Upper	
117	100		
119	5.5	75.8	113.6#
121	0.0	24.0	36.0#



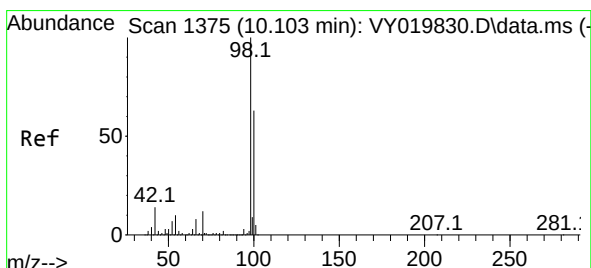
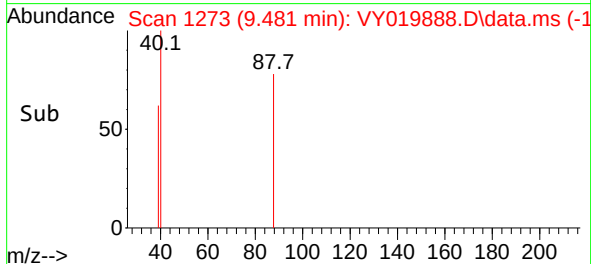
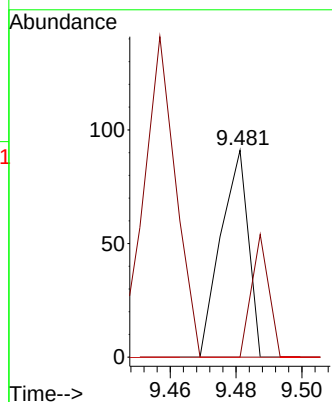


#49
1,4-Dioxane
Concen: 2.345 ug/l
RT: 9.481 min Scan# 11
Delta R.T. 0.250 min
Lab File: VY019888.D
Acq: 14 Oct 2024 13:45

Instrument :
MSVOA_Y
ClientSampleId :

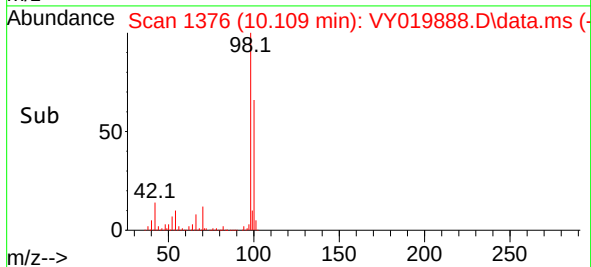
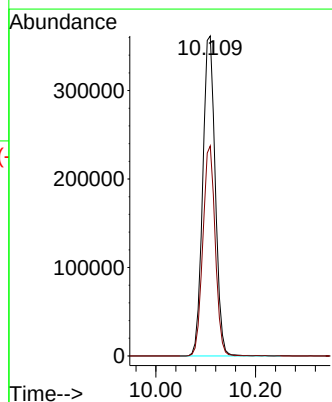
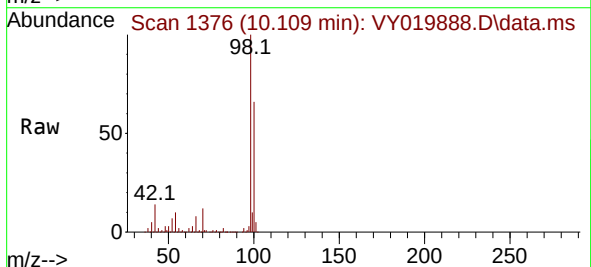


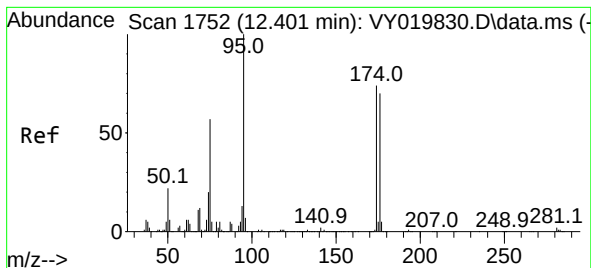
Tgt Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
43 37.7 0.0 0.0#
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 50.265 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019888.D
Acq: 14 Oct 2024 13:45

Tgt Ion: 98 Resp: 628650
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

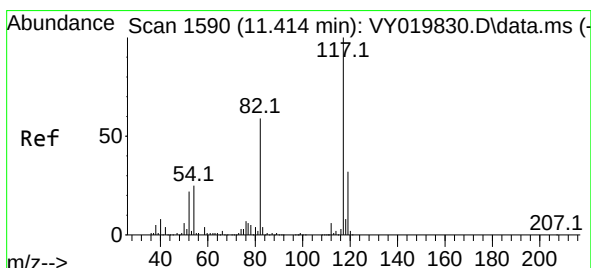
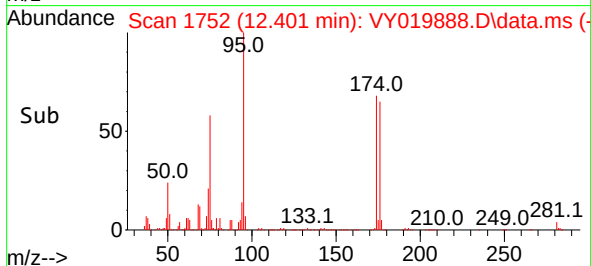
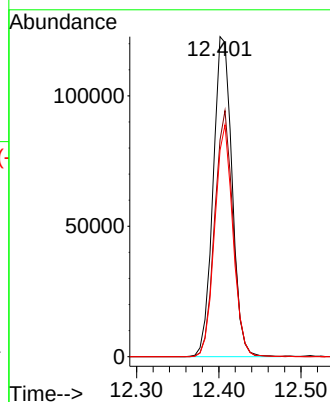
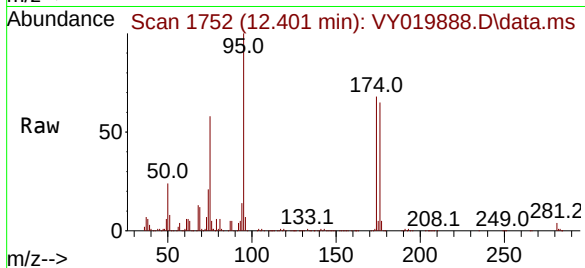




#62
4-Bromofluorobenzene
Concen: 43.442 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019888.D
Acq: 14 Oct 2024 13:45

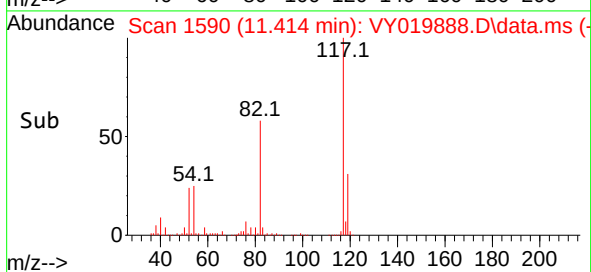
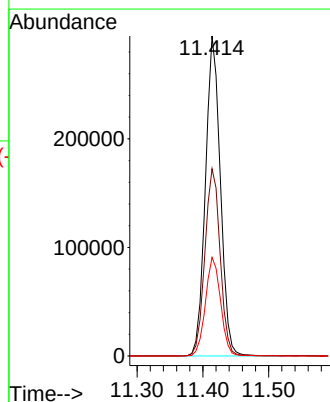
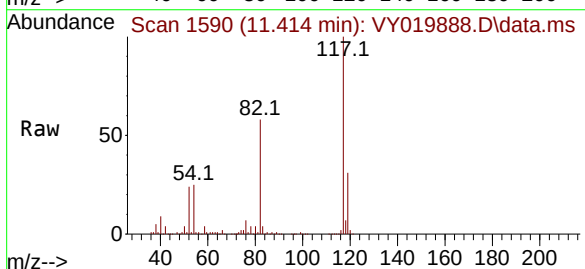
Instrument :
MSVOA_Y
ClientSampleId :

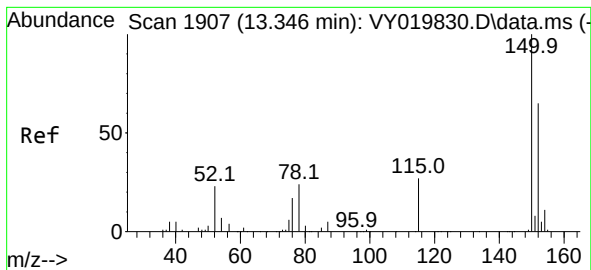
Tgt Ion: 95 Resp: 196315
Ion Ratio Lower Upper
95 100
174 74.4 0.0 175.6
176 69.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019888.D
Acq: 14 Oct 2024 13:45

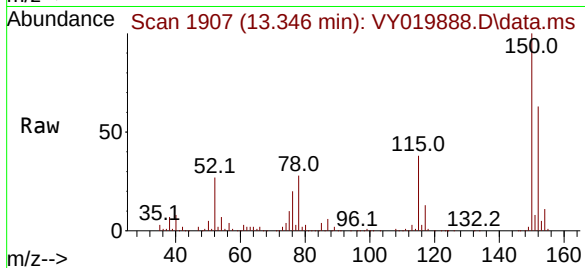
Tgt Ion: 117 Resp: 465047
Ion Ratio Lower Upper
117 100
82 58.5 42.4 63.6
119 30.8 25.9 38.9



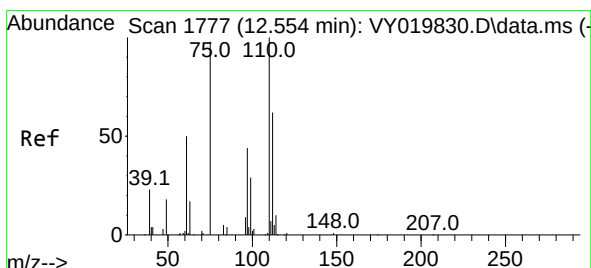
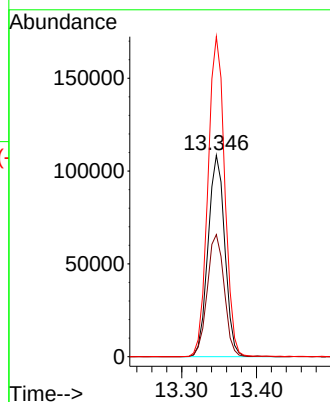
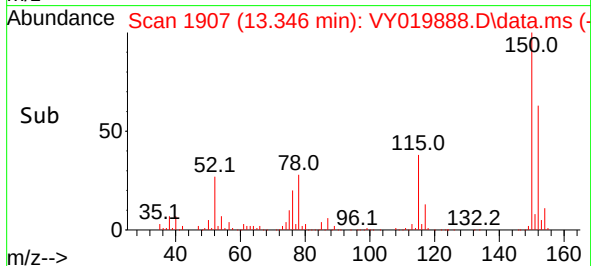


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019888.D
 Acq: 14 Oct 2024 13:45

Instrument :
 MSVOA_Y
 ClientSampleId :

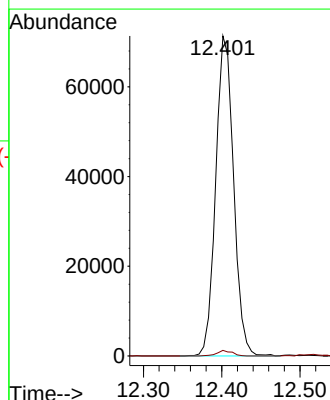
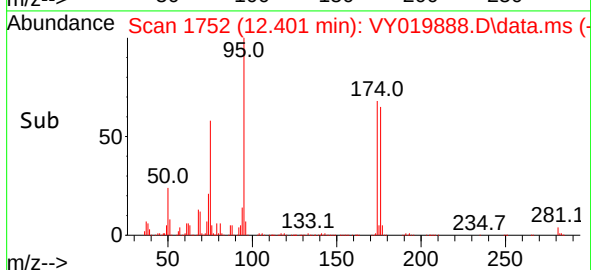
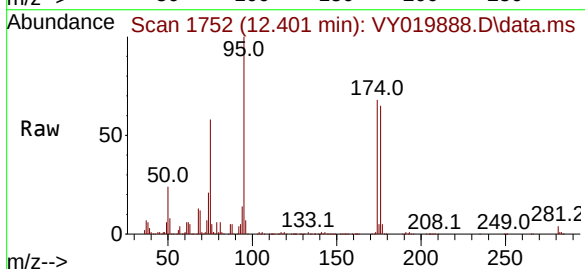


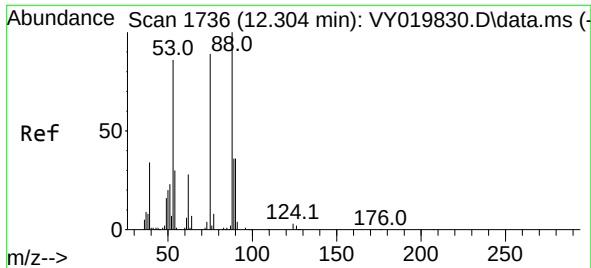
Tgt Ion:152 Resp: 168651
 Ion Ratio Lower Upper
 152 100
 115 61.6 28.2 84.7
 150 159.6 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 34.295 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.158 min
 Lab File: VY019888.D
 Acq: 14 Oct 2024 13:45

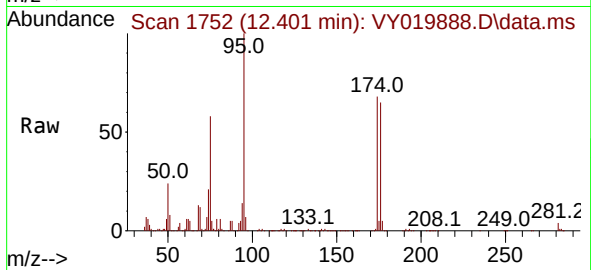
Tgt Ion: 75 Resp: 113307
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 138.429 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019888.D
 Acq: 14 Oct 2024 13:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 113307

Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.4	35.8	53.6#

