

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019150.D
 Acq On : 20 Aug 2024 14:52
 Operator : SY/MD
 Sample : P3643-01
 Misc : 6.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 932-K1-SD-0-0.5-081524

Quant Time: Aug 21 01:29:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

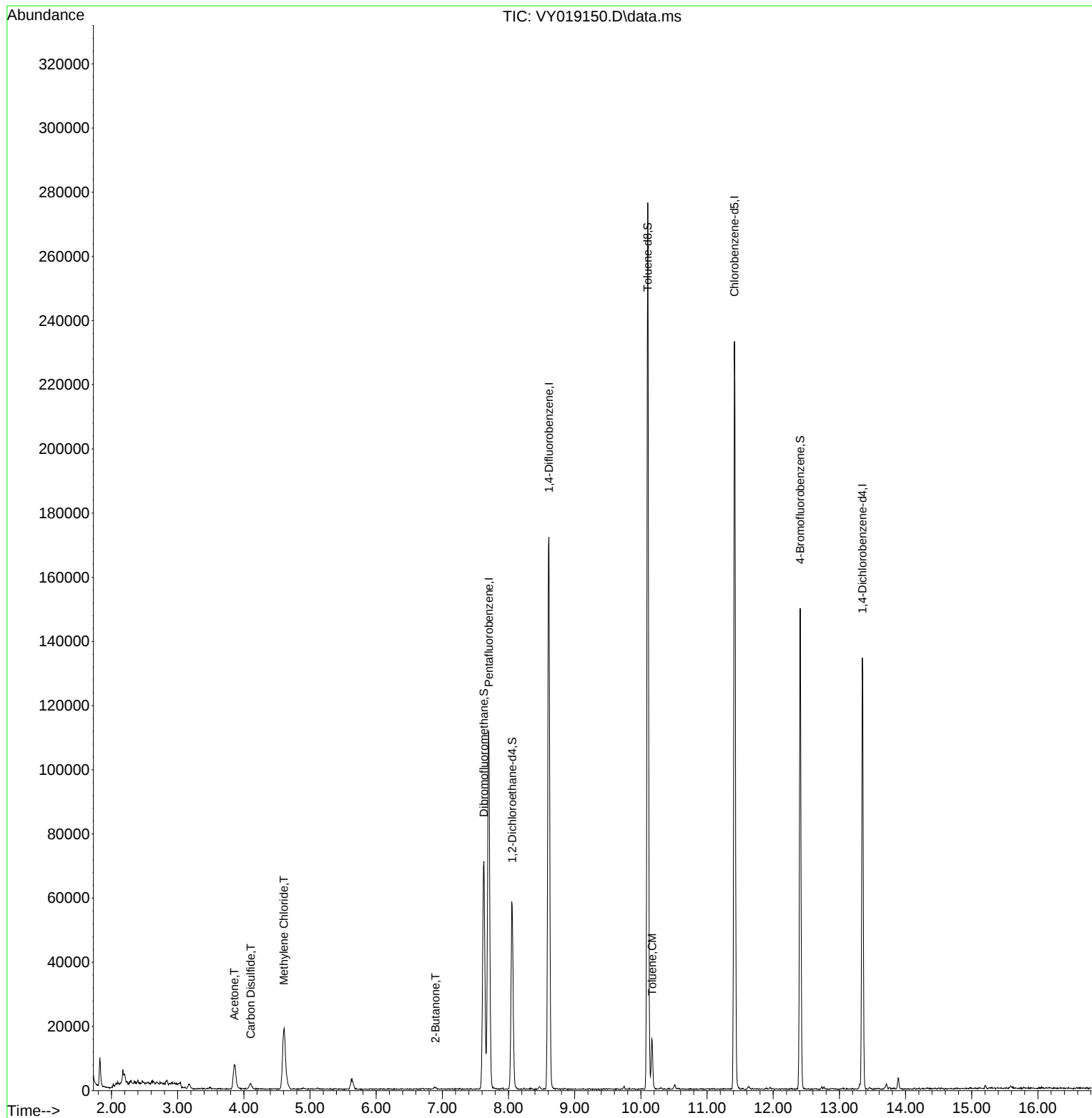
Internal Standards						
1) Pentafluorobenzene	7.701	168	88833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	152103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	128174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	34121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	46626	52.360	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.720%			
35) Dibromofluoromethane	7.628	113	50754	51.033	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.060%			
50) Toluene-d8	10.103	98	172629	48.234	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.460%			
62) 4-Bromofluorobenzene	12.407	95	42455	34.797	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 69.600%			
Target Compounds						
16) Acetone	3.854	43	14129	85.556	ug/l #	81
17) Carbon Disulfide	4.104	76	3389	1.356	ug/l #	92
20) Methylene Chloride	4.604	84	14434	4.836	ug/l	94
25) 2-Butanone	6.896	43	608	2.286	ug/l #	88
52) Toluene	10.170	92	6110	2.222	ug/l	94

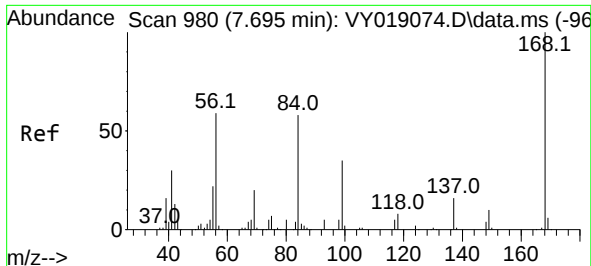
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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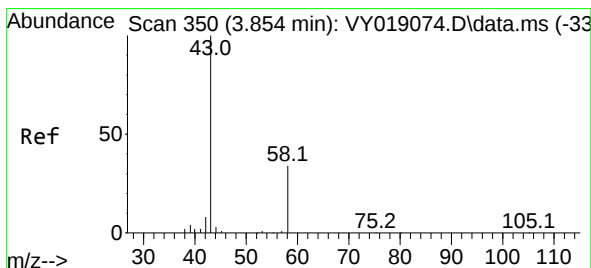
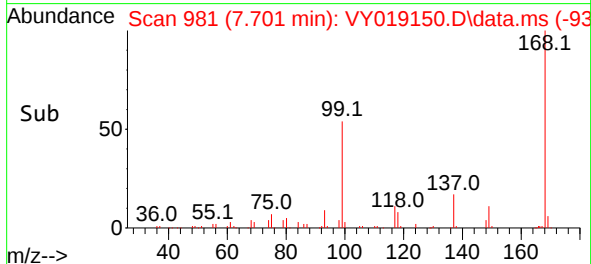
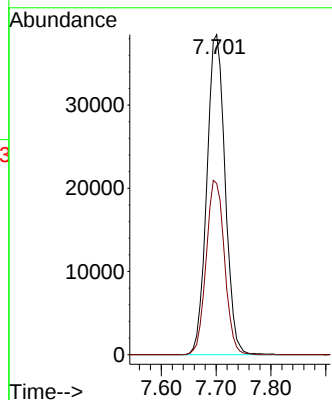
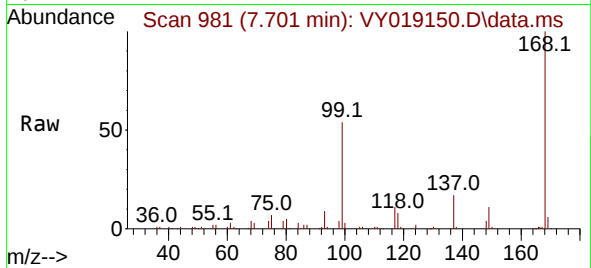




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY019150.D
Acq: 20 Aug 2024 14:52

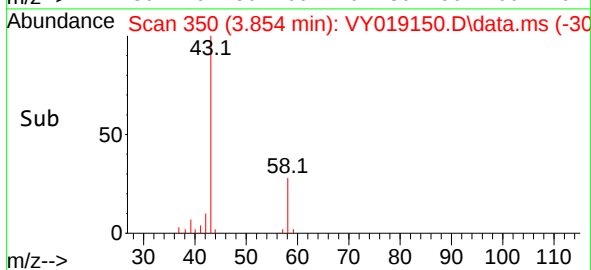
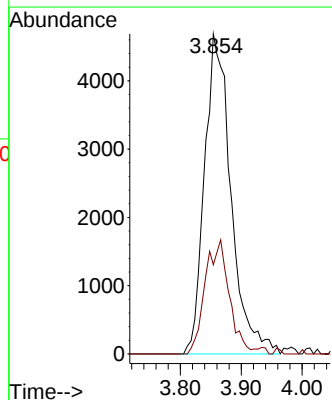
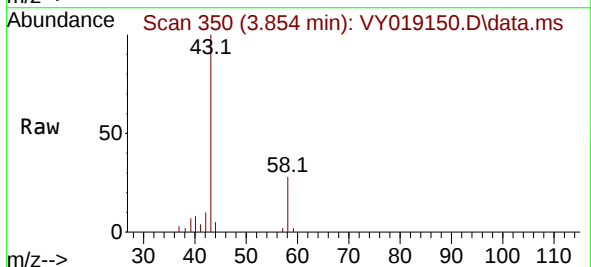
Instrument :
MSVOA_Y
ClientSampleId :
932-K1-SD-0-0.5-081524

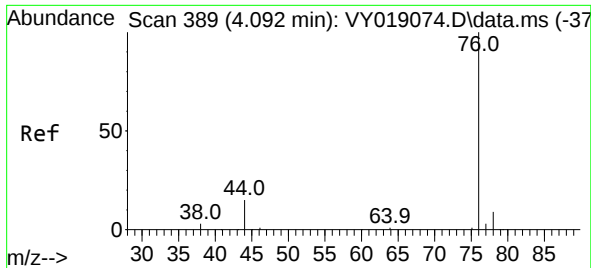
Tgt Ion:168 Resp: 88833
Ion Ratio Lower Upper
168 100
99 53.5 39.1 58.7



#16
Acetone
Concen: 85.556 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019150.D
Acq: 20 Aug 2024 14:52

Tgt Ion: 43 Resp: 14129
Ion Ratio Lower Upper
43 100
58 27.9 31.7 47.5#





#17

Carbon Disulfide

Concen: 1.356 ug/l

RT: 4.104 min Scan# 389

Delta R.T. 0.012 min

Lab File: VY019150.D

Acq: 20 Aug 2024 14:52

Instrument :

MSVOA_Y

ClientSampleId :

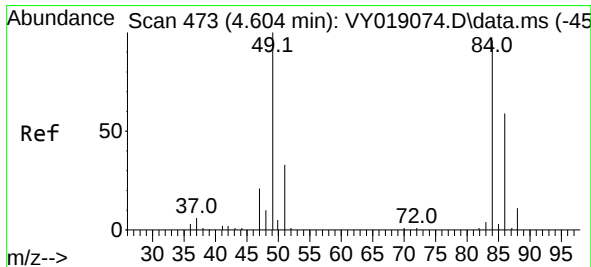
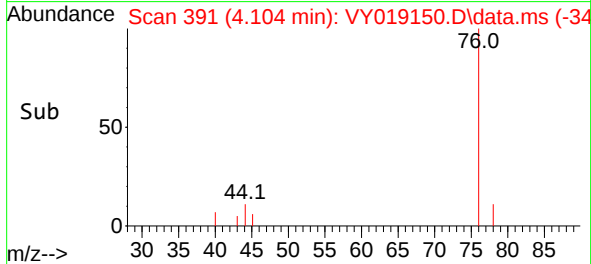
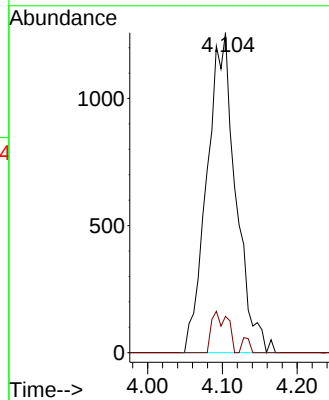
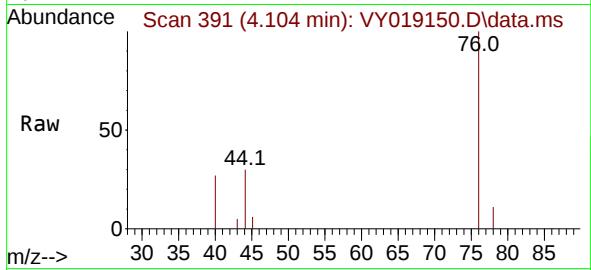
932-K1-SD-0-0.5-081524

Tgt Ion: 76 Resp: 3389

Ion Ratio Lower Upper

76 100

78 11.4 6.8 10.2#



#20

Methylene Chloride

Concen: 4.836 ug/l

RT: 4.604 min Scan# 473

Delta R.T. -0.000 min

Lab File: VY019150.D

Acq: 20 Aug 2024 14:52

Tgt Ion: 84 Resp: 14434

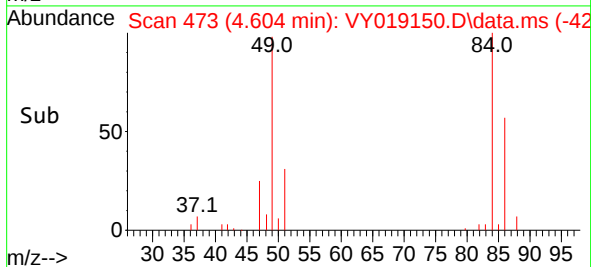
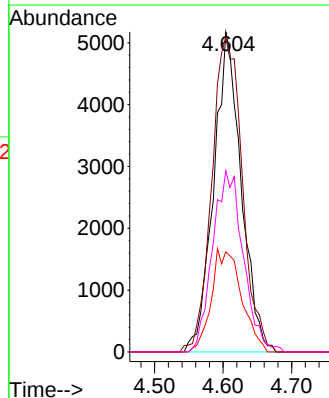
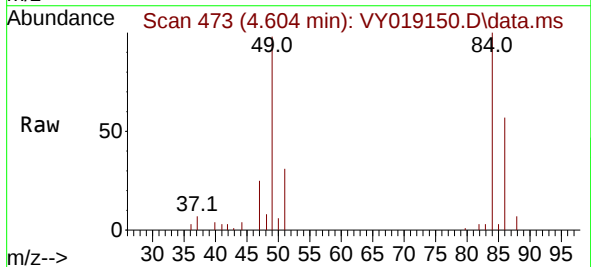
Ion Ratio Lower Upper

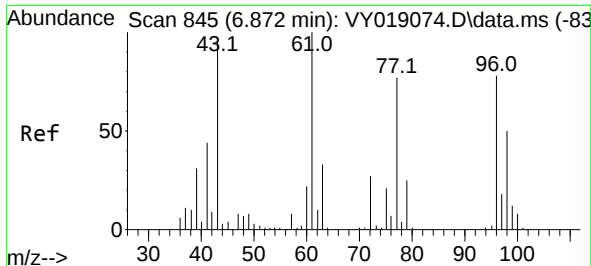
84 100

49 98.4 84.4 126.6

51 31.3 26.0 39.0

86 56.6 49.5 74.3

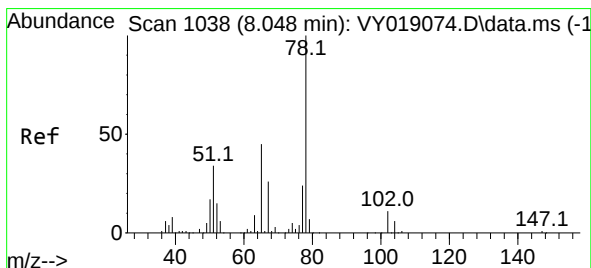
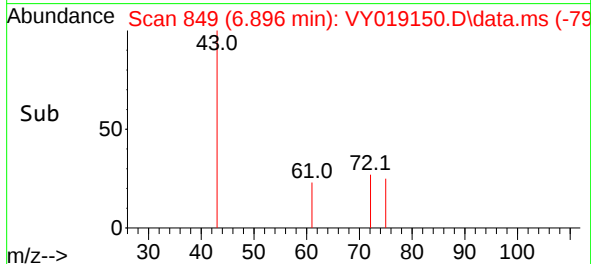
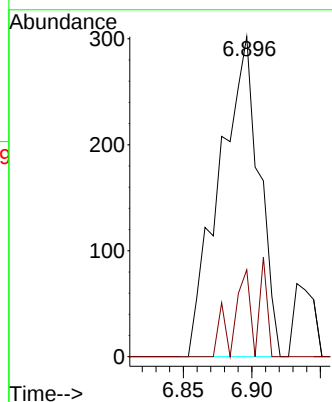
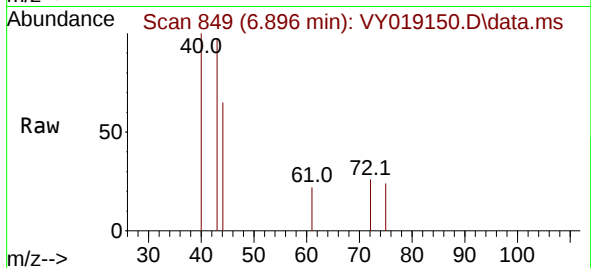




#25
2-Butanone
Concen: 2.286 ug/l
RT: 6.896 min Scan# 845
Delta R.T. 0.025 min
Lab File: VY019150.D
Acq: 20 Aug 2024 14:52

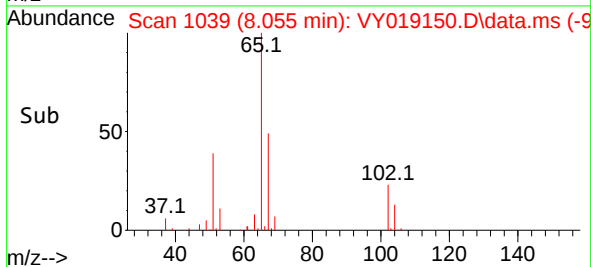
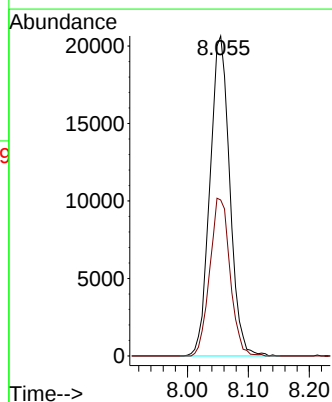
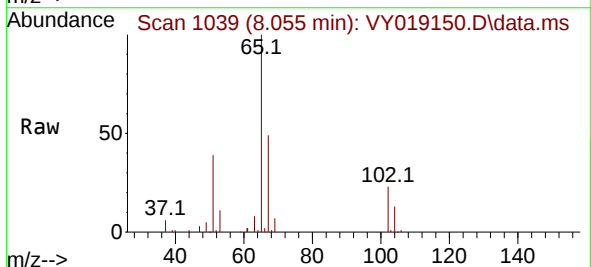
Instrument :
MSVOA_Y
ClientSampleId :
932-K1-SD-0-0.5-081524

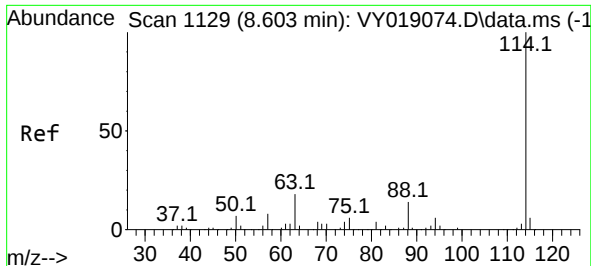
Tgt Ion: 43 Resp: 608
Ion Ratio Lower Upper
43 100
72 27.2 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 52.360 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019150.D
Acq: 20 Aug 2024 14:52

Tgt Ion: 65 Resp: 46626
Ion Ratio Lower Upper
65 100
67 50.4 0.0 109.6

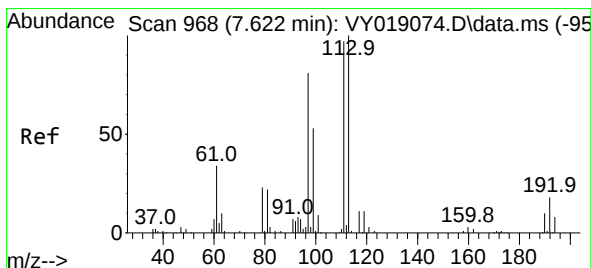
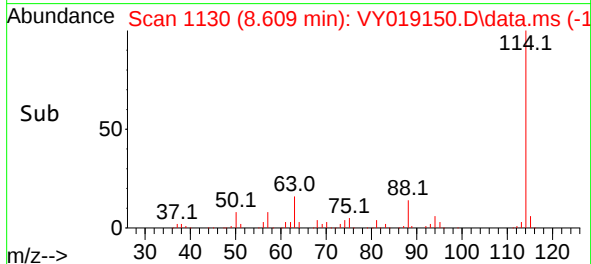
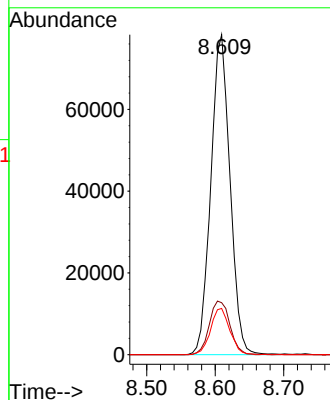
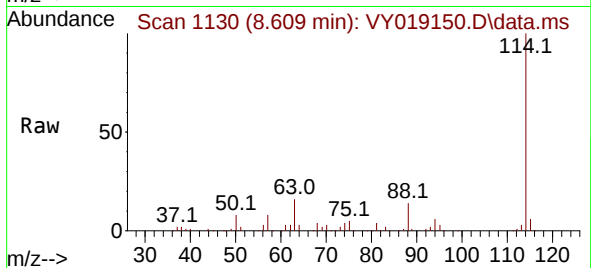




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019150.D
Acq: 20 Aug 2024 14:52

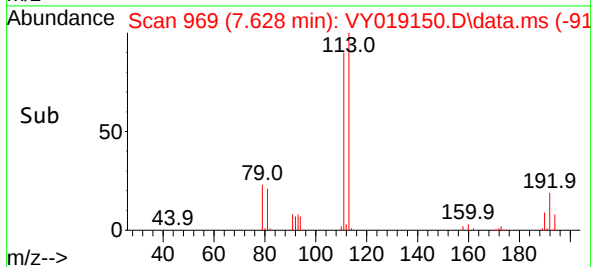
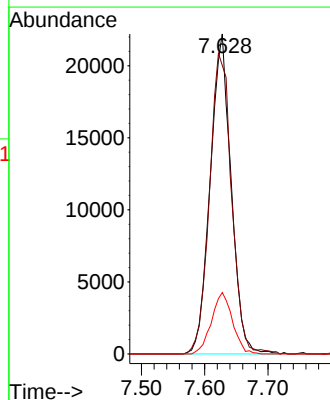
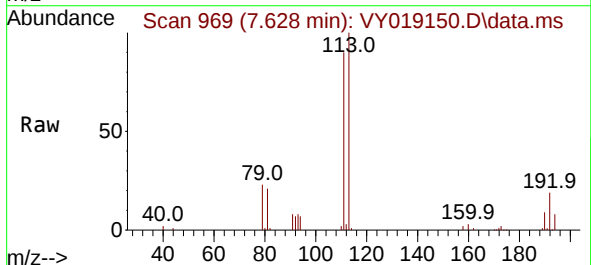
Instrument :
MSVOA_Y
ClientSampleId :
932-K1-SD-0-0.5-081524

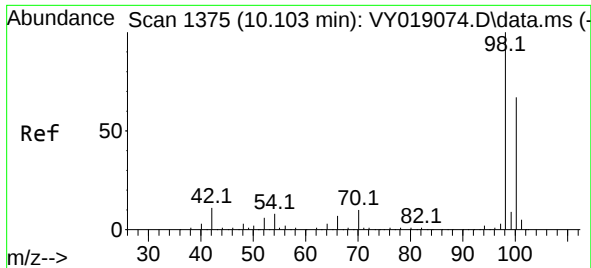
Tgt Ion:114 Resp: 152103
Ion Ratio Lower Upper
114 100
63 16.2 0.0 35.0
88 14.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.033 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019150.D
Acq: 20 Aug 2024 14:52

Tgt Ion:113 Resp: 50754
Ion Ratio Lower Upper
113 100
111 99.9 82.2 123.4
192 19.3 15.9 23.9

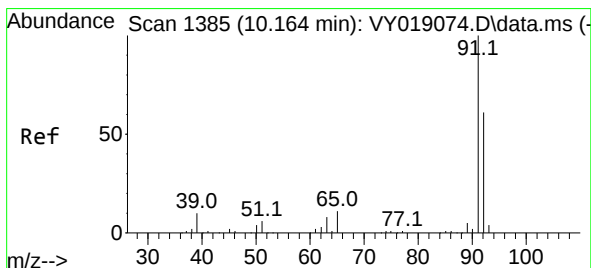
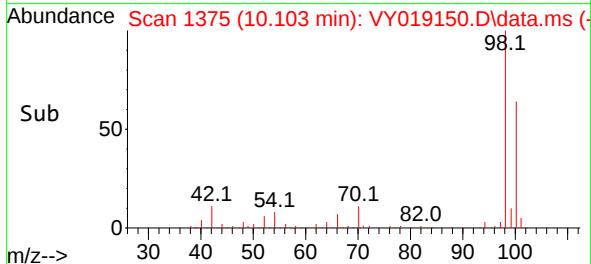
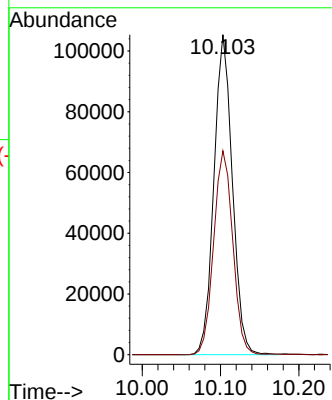
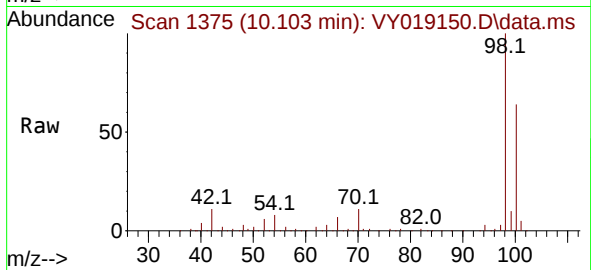




#50
Toluene-d8
Concen: 48.234 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019150.D
Acq: 20 Aug 2024 14:52

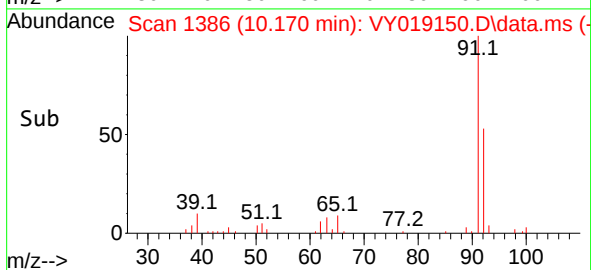
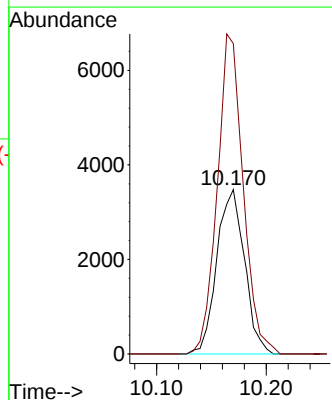
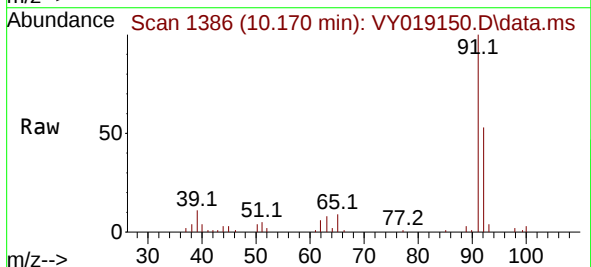
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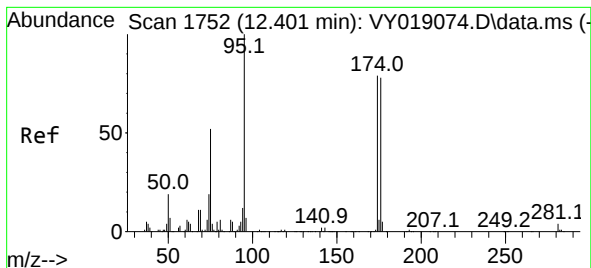
Tgt Ion: 98 Resp: 172629
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#52
Toluene
Concen: 2.222 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY019150.D
Acq: 20 Aug 2024 14:52

Tgt Ion: 92 Resp: 6110
Ion Ratio Lower Upper
92 100
91 182.0 139.0 208.6

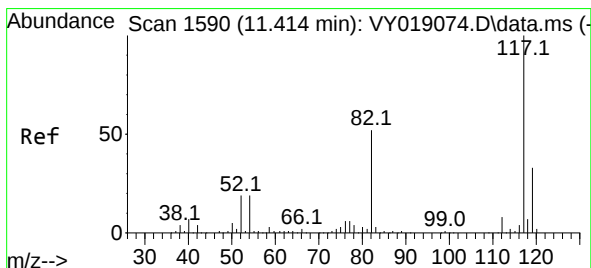
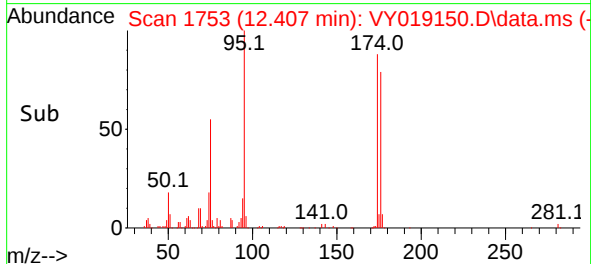
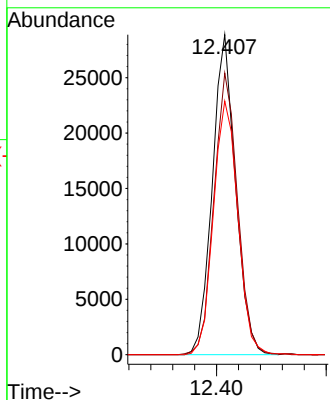
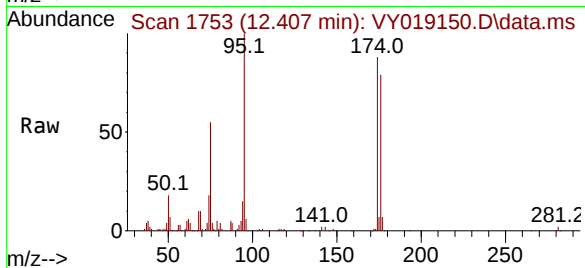




#62
4-Bromofluorobenzene
Concen: 34.797 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019150.D
Acq: 20 Aug 2024 14:52

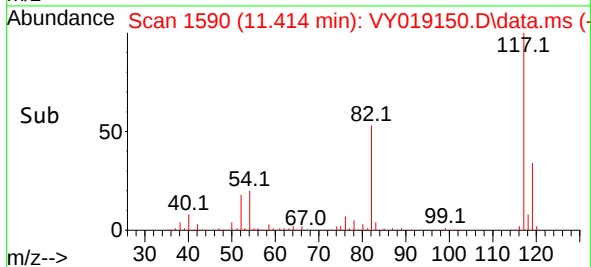
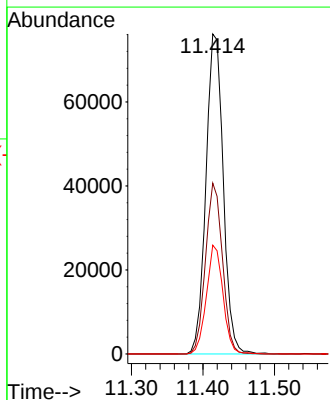
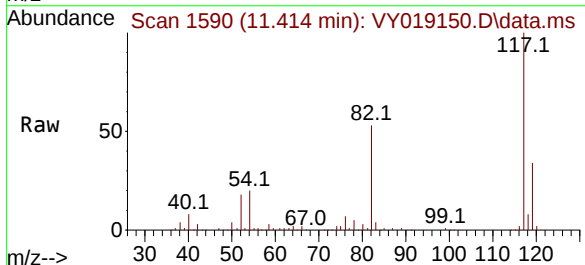
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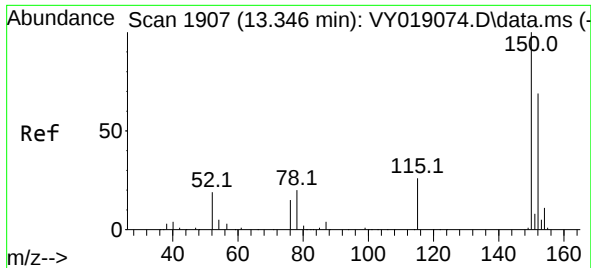
Tgt Ion:	95	Resp:	42455
Ion Ratio	Lower	Upper	
95	100		
174	89.9	0.0	175.6
176	83.4	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019150.D
Acq: 20 Aug 2024 14:52

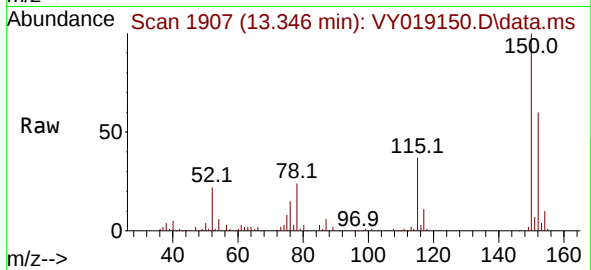
Tgt Ion:	117	Resp:	128174
Ion Ratio	Lower	Upper	
117	100		
82	53.4	42.4	63.6
119	34.0	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019150.D
 Acq: 20 Aug 2024 14:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 932-K1-SD-0-0.5-081524



Tgt Ion:152 Resp: 34121
 Ion Ratio Lower Upper
 152 100
 115 57.6 28.2 84.7
 150 161.2 0.0 345.6

