

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019295.D
 Acq On : 27 Aug 2024 18:55
 Operator : SY/MD
 Sample : P3663-12RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 919-J-SD-0.5-1-081624RE

Quant Time: Aug 28 01:48:36 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)

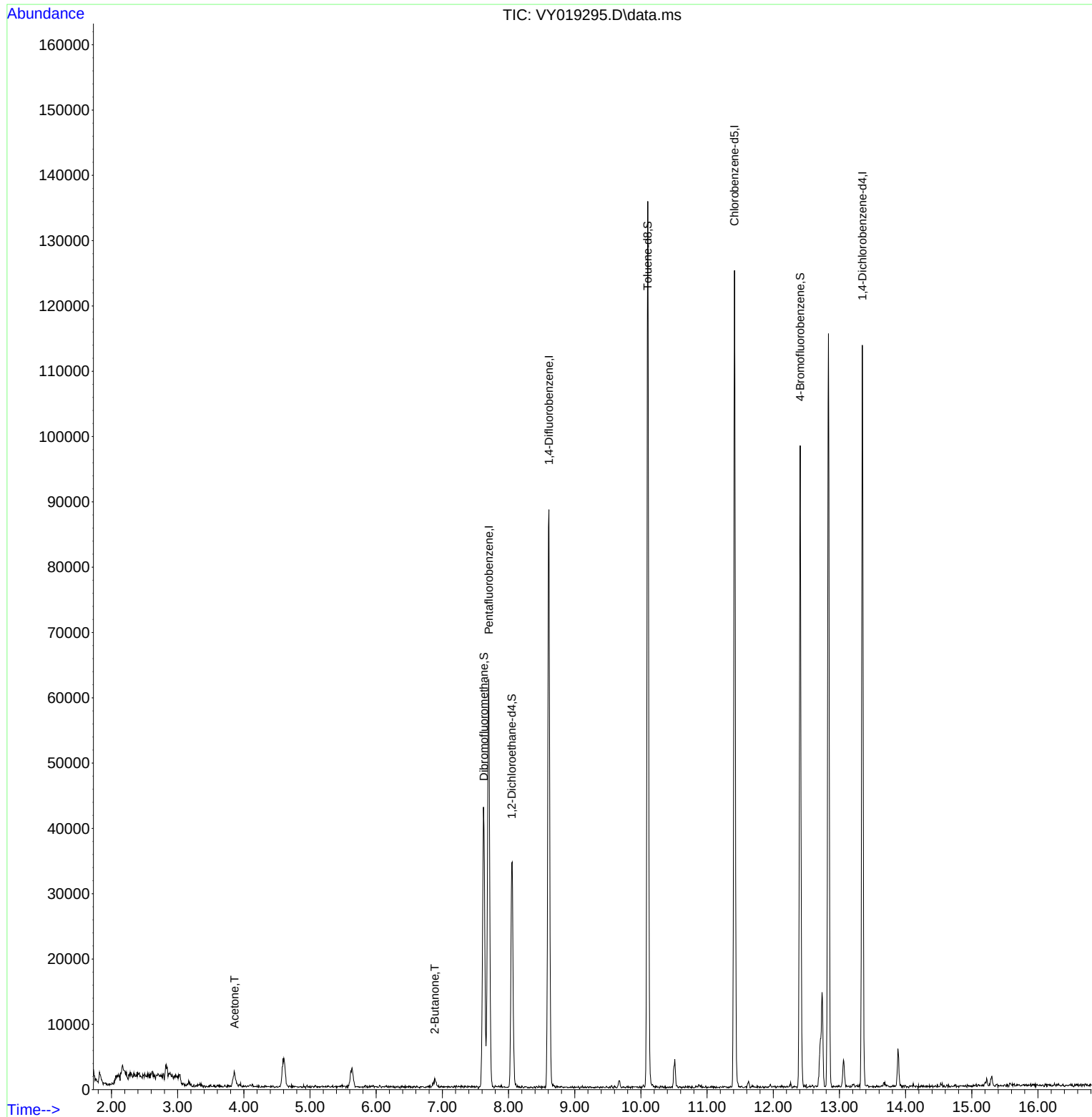
Internal Standards						
1) Pentafluorobenzene	7.701	168	48476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	77580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	67534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	27337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	27899	57.413	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.820%
35) Dibromofluoromethane	7.628	113	28839	56.852	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.700%
50) Toluene-d8	10.103	98	86548	47.411	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.820%
62) 4-Bromofluorobenzene	12.408	95	27518	44.220	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.440%
Target Compounds						Qvalue
16) Acetone	3.860	43	3865	42.888	ug/l	88
25) 2-Butanone	6.884	43	1599	11.018	ug/l #	67

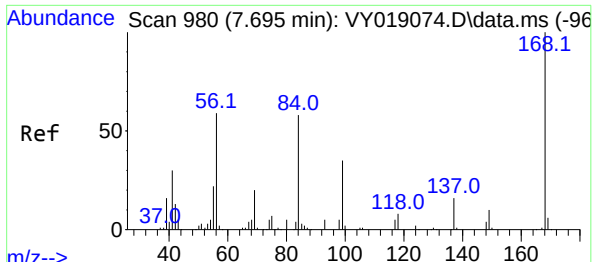
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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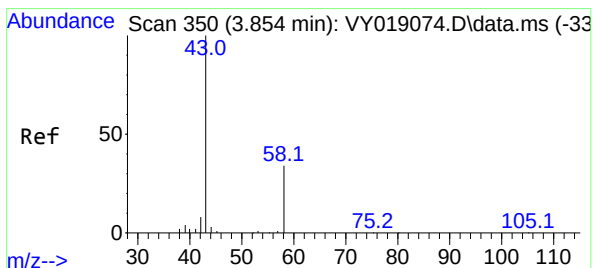
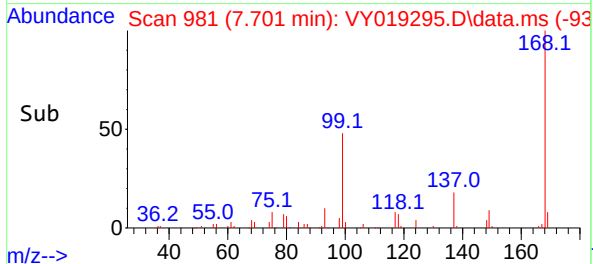
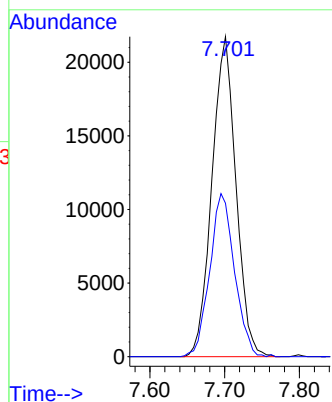
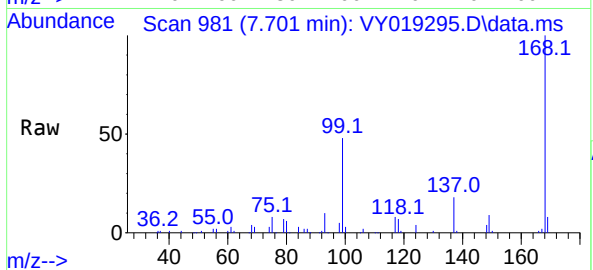




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019295.D
Acq: 27 Aug 2024 18:55

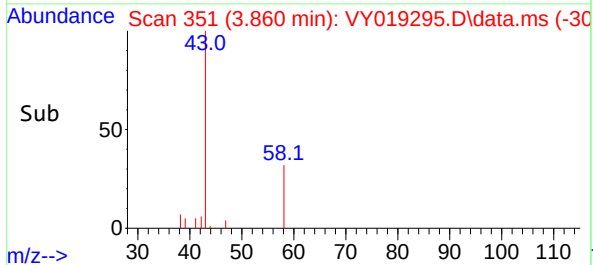
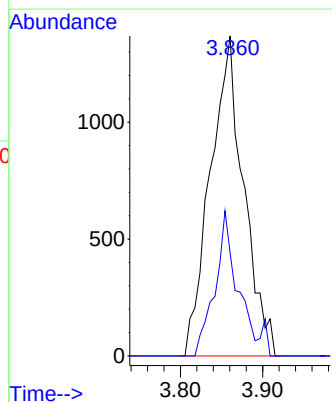
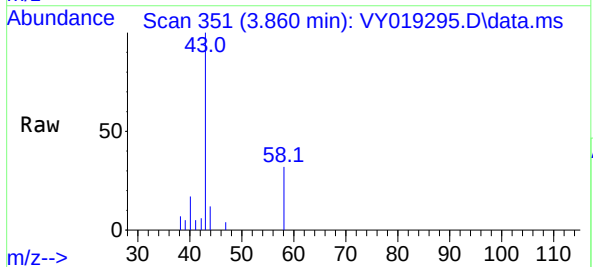
Instrument :
MSVOA_Y
ClientSampleId :
919-J-SD-0.5-1-081624RE

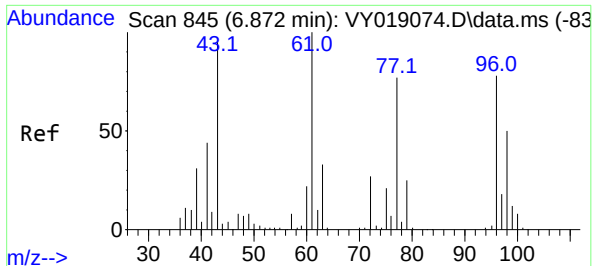
Tgt Ion:168 Resp: 48476
Ion Ratio Lower Upper
168 100
99 48.0 39.1 58.7



#16
Acetone
Concen: 42.888 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019295.D
Acq: 27 Aug 2024 18:55

Tgt Ion: 43 Resp: 3865
Ion Ratio Lower Upper
43 100
58 32.2 31.7 47.5

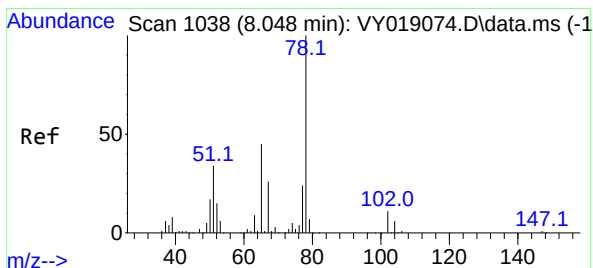
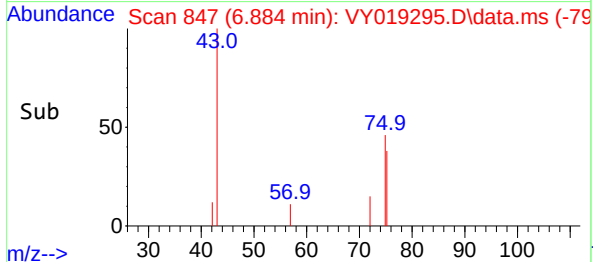
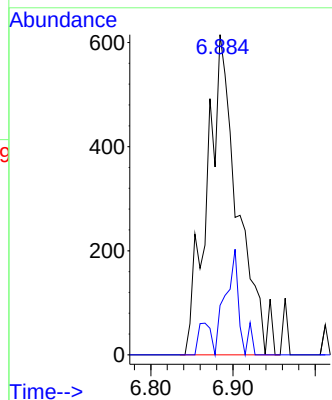
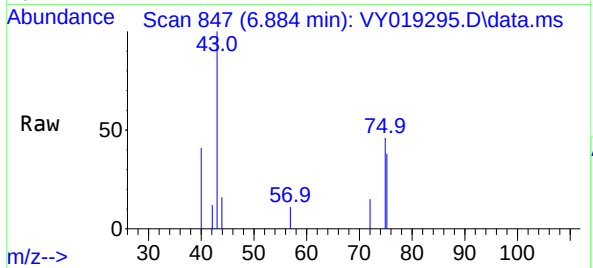




#25
2-Butanone
Concen: 11.018 ug/l
RT: 6.884 min Scan# 845
Delta R.T. 0.012 min
Lab File: VY019295.D
Acq: 27 Aug 2024 18:55

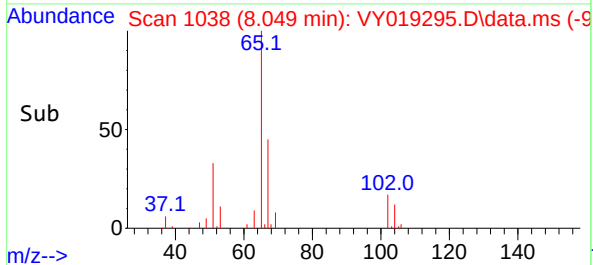
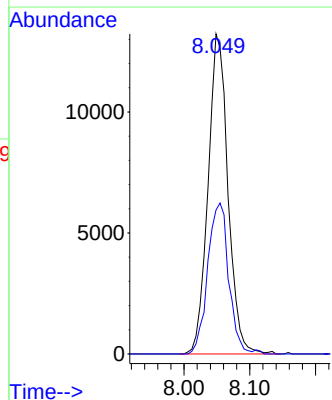
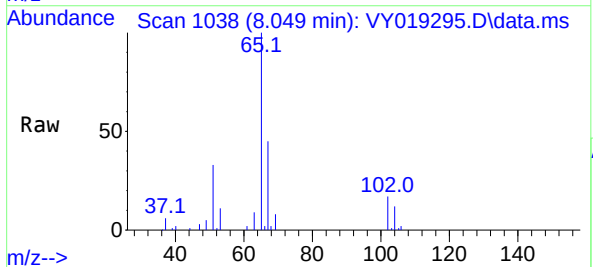
Instrument :
MSVOA_Y
ClientSampleId :
919-J-SD-0.5-1-081624RE

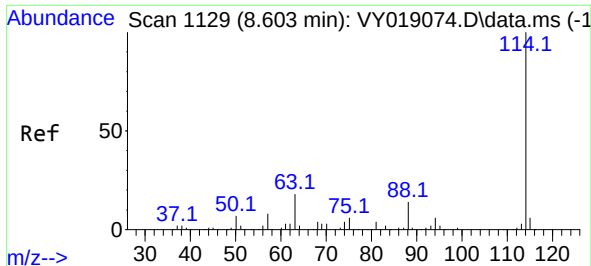
Tgt Ion: 43 Resp: 1599
Ion Ratio Lower Upper
43 100
72 15.4 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 57.413 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019295.D
Acq: 27 Aug 2024 18:55

Tgt Ion: 65 Resp: 27899
Ion Ratio Lower Upper
65 100
67 49.8 0.0 109.6

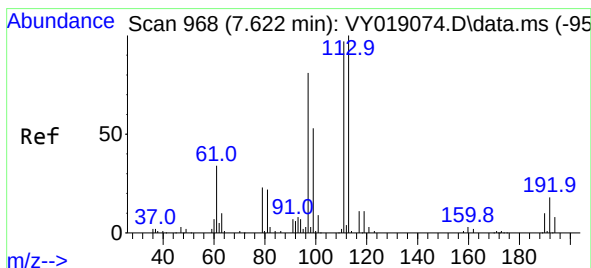
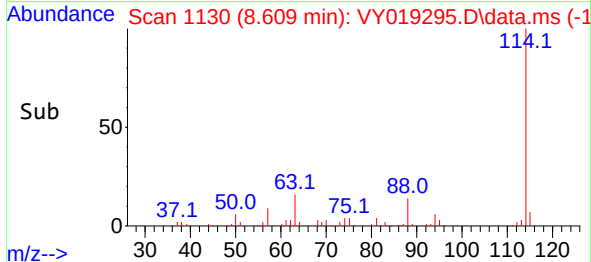
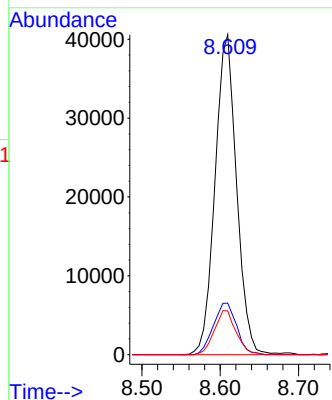
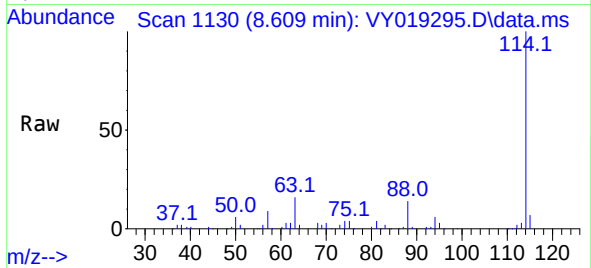




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019295.D
Acq: 27 Aug 2024 18:55

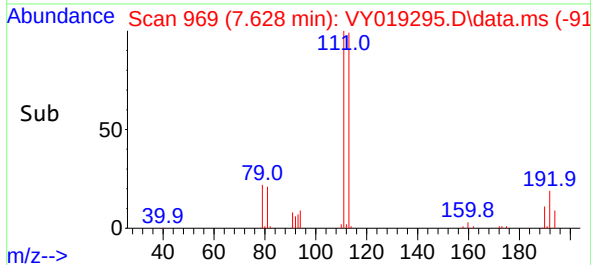
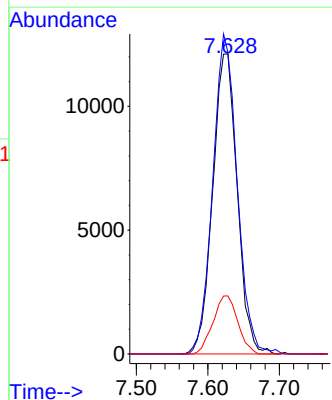
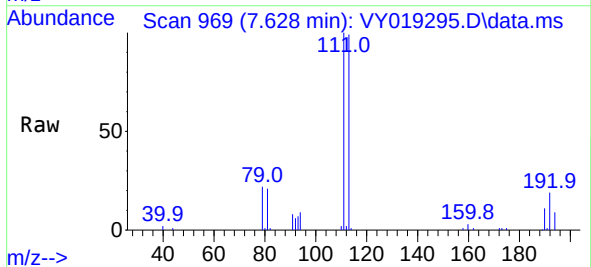
Instrument :
MSVOA_Y
ClientSampleId :
919-J-SD-0.5-1-081624RE

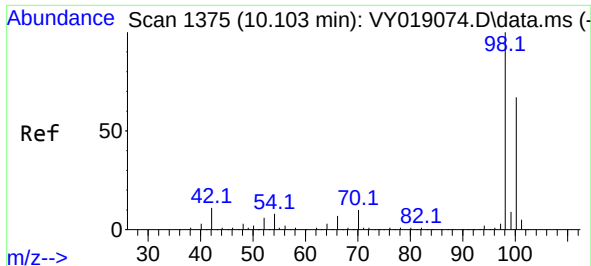
Tgt Ion:114 Resp: 77580
Ion Ratio Lower Upper
114 100
63 16.1 0.0 35.0
88 13.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 56.852 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019295.D
Acq: 27 Aug 2024 18:55

Tgt Ion:113 Resp: 28839
Ion Ratio Lower Upper
113 100
111 106.0 82.2 123.4
192 19.5 15.9 23.9

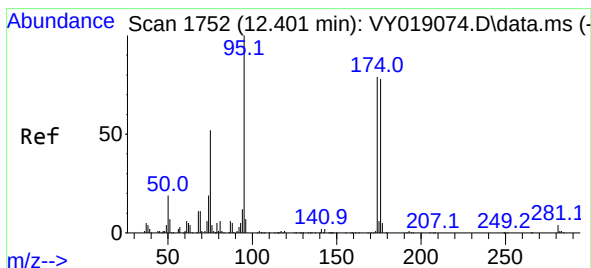
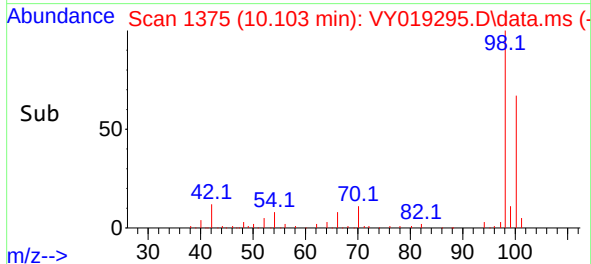
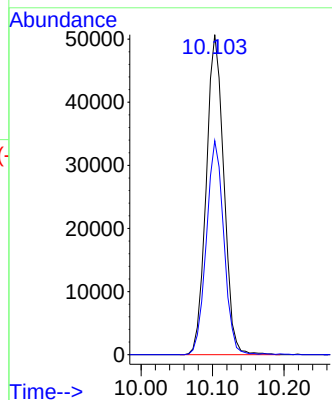
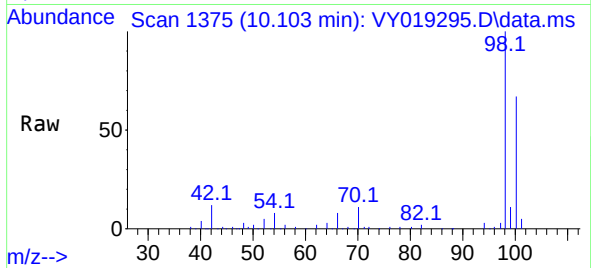




#50
Toluene-d8
Concen: 47.411 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019295.D
Acq: 27 Aug 2024 18:55

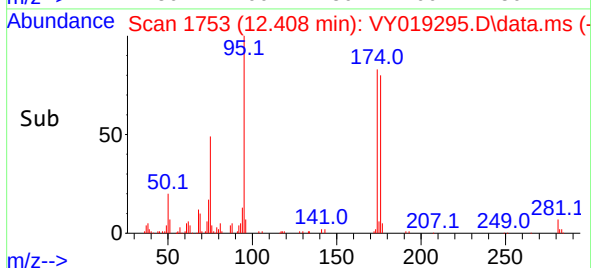
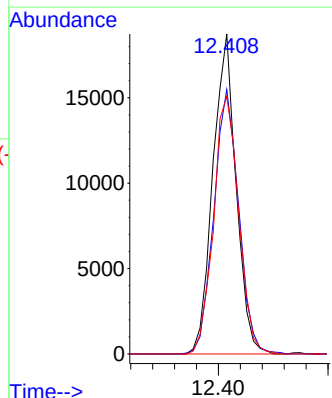
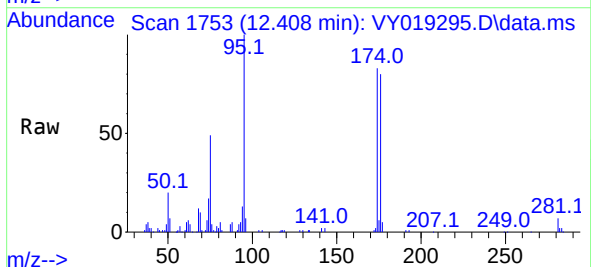
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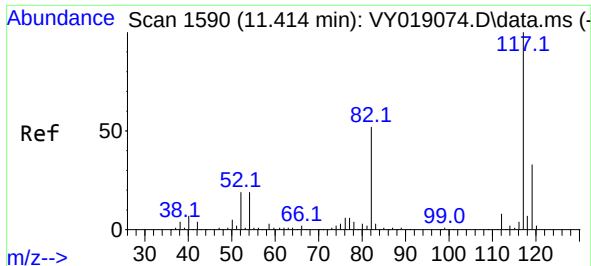
Tgt Ion: 98 Resp: 86548
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.220 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019295.D
Acq: 27 Aug 2024 18:55

Tgt Ion: 95 Resp: 27518
Ion Ratio Lower Upper
95 100
174 88.4 0.0 175.6
176 87.3 0.0 171.4

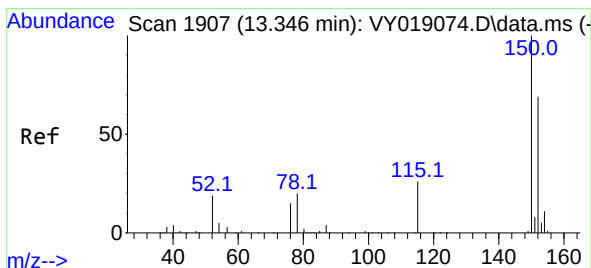
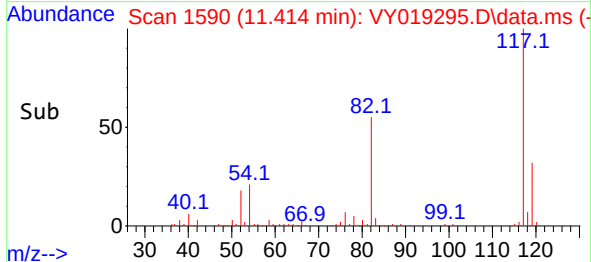
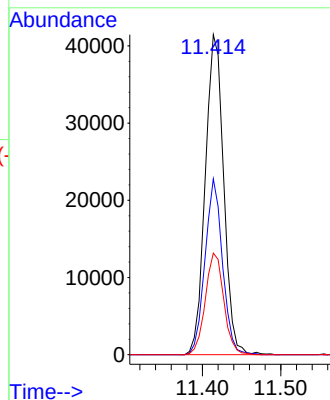
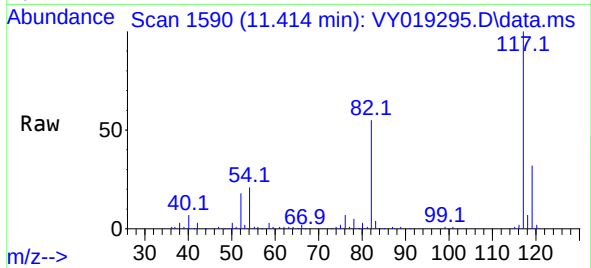




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019295.D
Acq: 27 Aug 2024 18:55

Instrument :
MSVOA_Y
ClientSampleId :
919-J-SD-0.5-1-081624RE

Tgt Ion:117	Resp:	67534
Ion	Ratio	Lower Upper
117	100	
82	55.0	42.4 63.6
119	31.8	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: VY019295.D
Acq: 27 Aug 2024 18:55

Tgt Ion:152	Resp:	27337
Ion	Ratio	Lower Upper
152	100	
115	58.5	28.2 84.7
150	157.2	0.0 345.6

