

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019127.D
 Acq On : 19 Aug 2024 19:26
 Operator : SY/MD
 Sample : P3641-03
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-908-K1-0-0.5-081524

Quant Time: Aug 20 01:49:58 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)

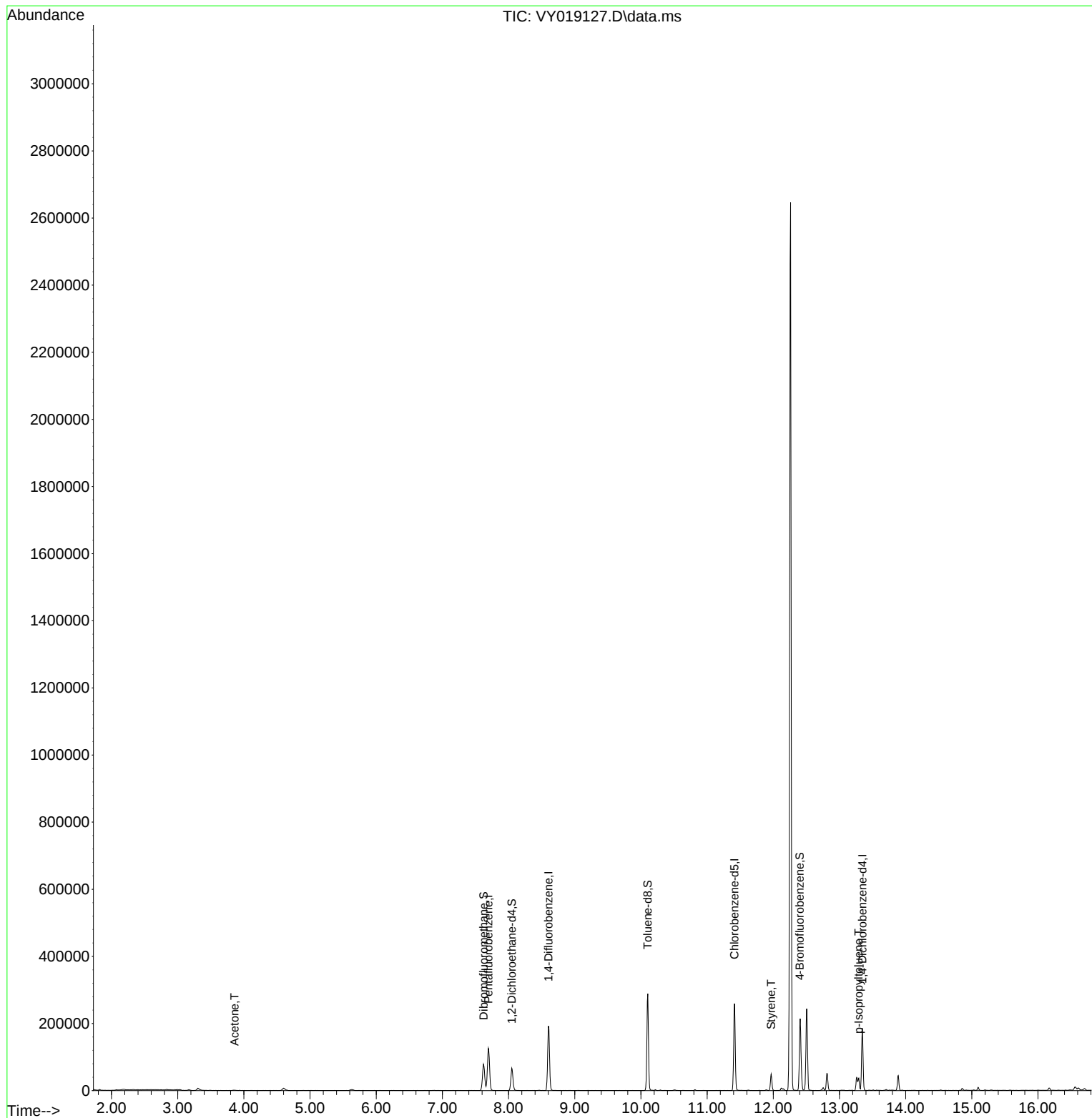
Internal Standards						
1) Pentafluorobenzene	7.695	168	97396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	168754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	142644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	44867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	50167	51.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.760%
35) Dibromofluoromethane	7.622	113	53814	48.770	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.540%
50) Toluene-d8	10.103	98	181618	45.738	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.480%
62) 4-Bromofluorobenzene	12.401	95	54505	40.265	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	80.540%
Target Compounds						
16) Acetone	3.860	43	1818	10.041	ug/l #	48
70) Styrene	11.968	104	22752	6.369	ug/l	92
86) p-Isopropyltoluene	13.291	119	19310	6.236	ug/l #	82

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

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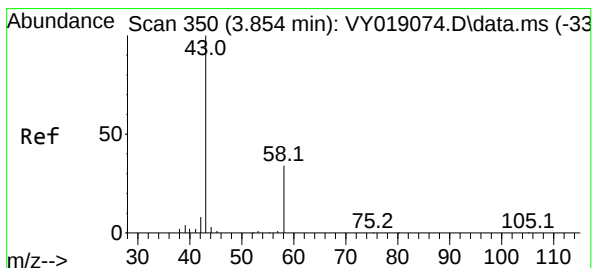
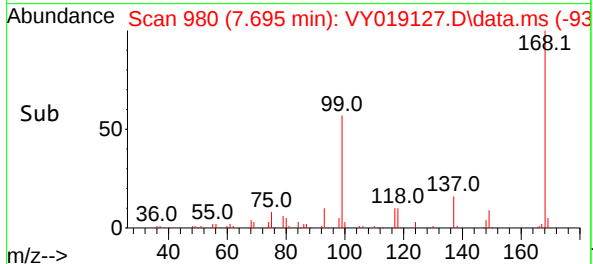
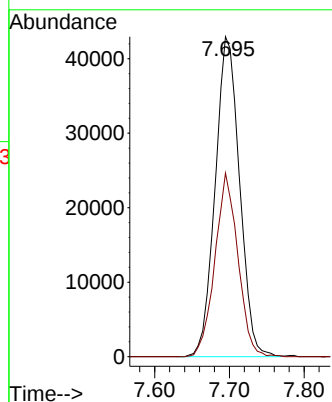
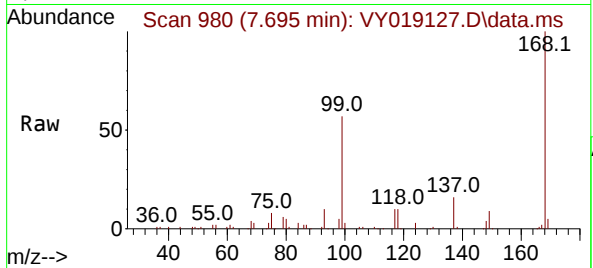




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019127.D
Acq: 19 Aug 2024 19:26

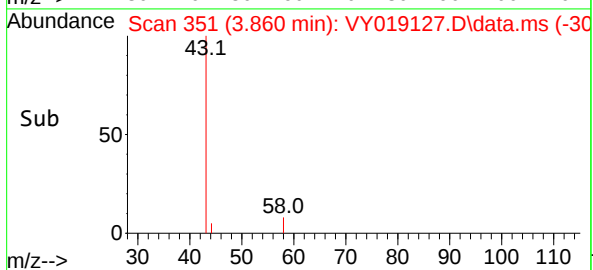
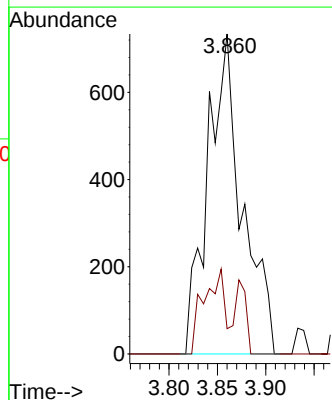
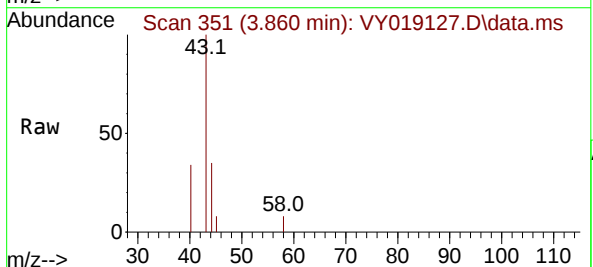
Instrument :
MSVOA_Y
ClientSampleId :
S-908-K1-0-0.5-081524

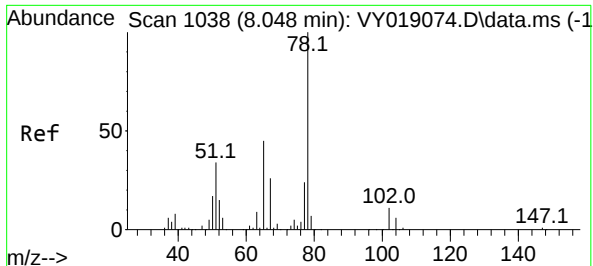
Tgt Ion:168 Resp: 97396
Ion Ratio Lower Upper
168 100
99 57.4 39.1 58.7



#16
Acetone
Concen: 10.041 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019127.D
Acq: 19 Aug 2024 19:26

Tgt Ion: 43 Resp: 1818
Ion Ratio Lower Upper
43 100
58 7.9 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 51.384 ug/l

RT: 8.048 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY019127.D

Acq: 19 Aug 2024 19:26

Instrument :

MSVOA_Y

ClientSampleId :

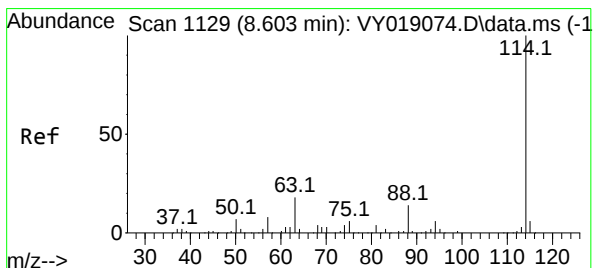
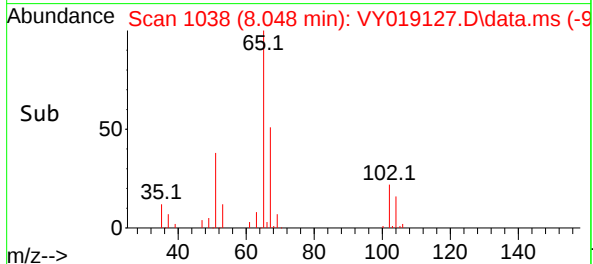
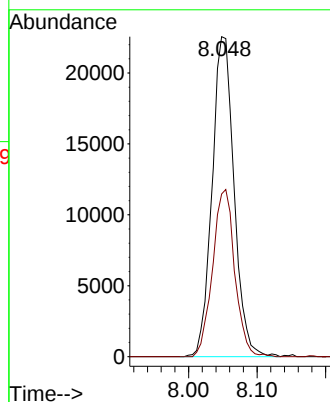
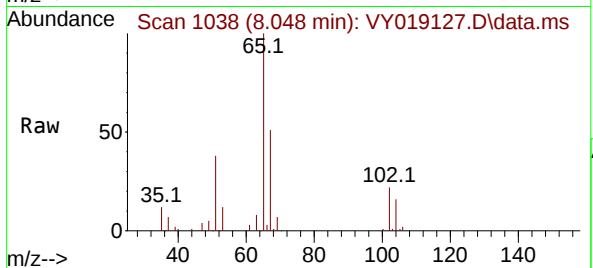
S-908-K1-0-0.5-081524

Tgt Ion: 65 Resp: 50167

Ion Ratio Lower Upper

65 100

67 52.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY019127.D

Acq: 19 Aug 2024 19:26

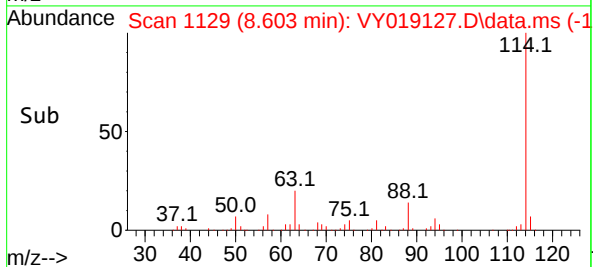
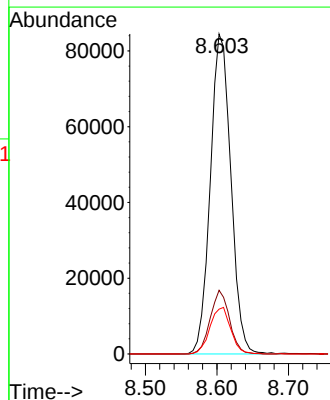
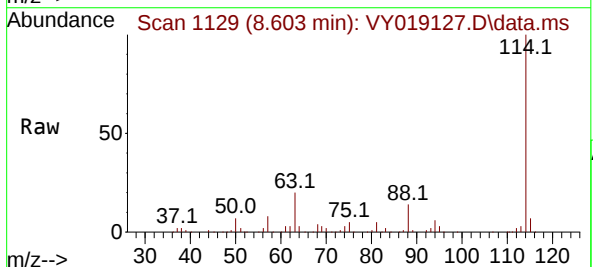
Tgt Ion: 114 Resp: 168754

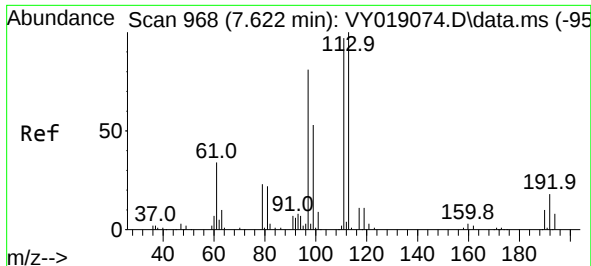
Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.0

88 14.0 0.0 27.2

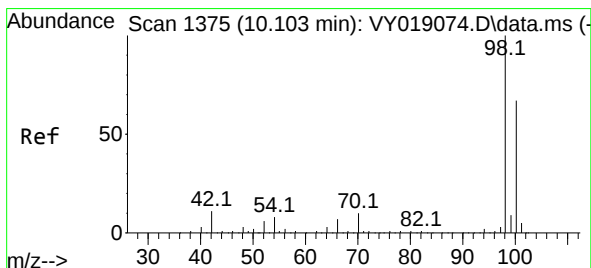
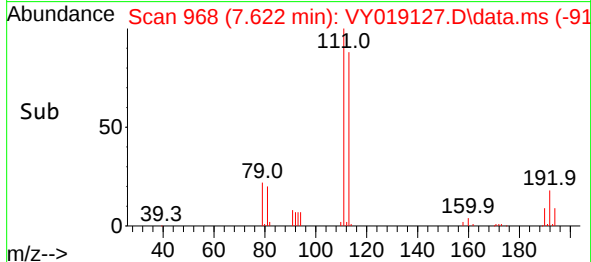
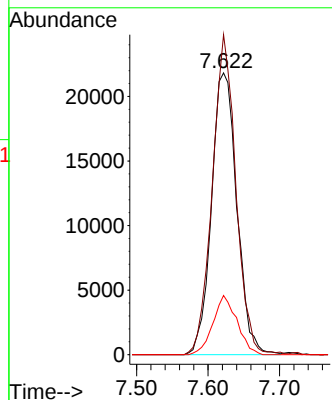
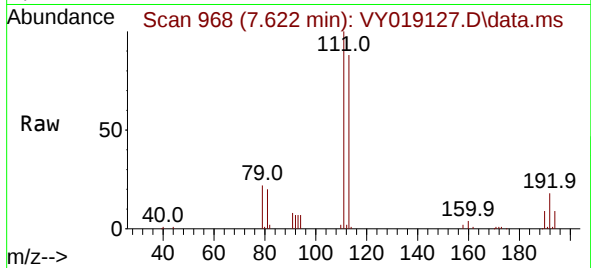




#35
Dibromofluoromethane
Concen: 48.770 ug/l
RT: 7.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019127.D
Acq: 19 Aug 2024 19:26

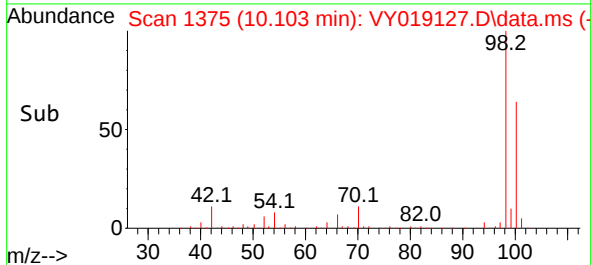
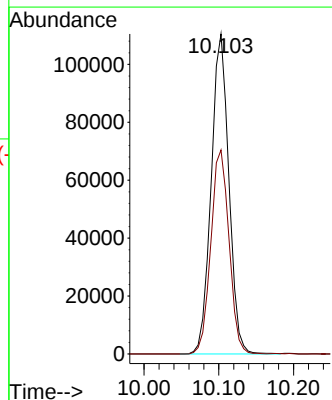
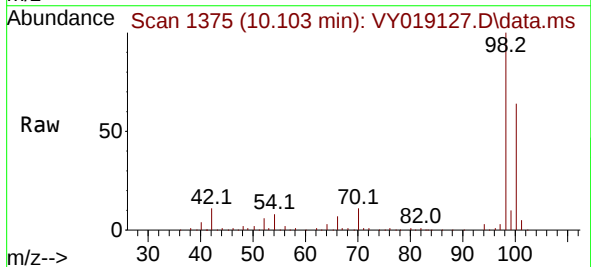
Instrument :
MSVOA_Y
ClientSampleId :
S-908-K1-0-0.5-081524

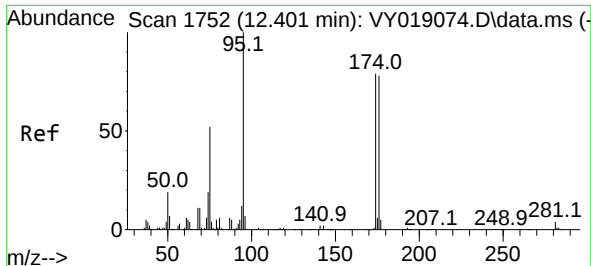
Tgt Ion:113 Resp: 53814
Ion Ratio Lower Upper
113 100
111 105.3 82.2 123.4
192 19.9 15.9 23.9



#50
Toluene-d8
Concen: 45.738 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY019127.D
Acq: 19 Aug 2024 19:26

Tgt Ion: 98 Resp: 181618
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

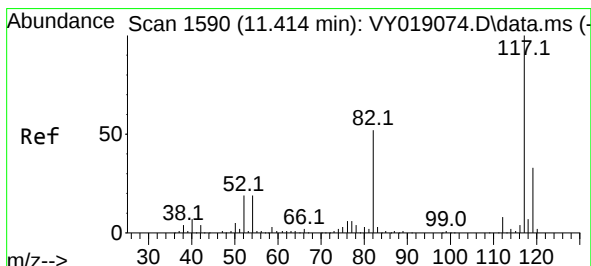
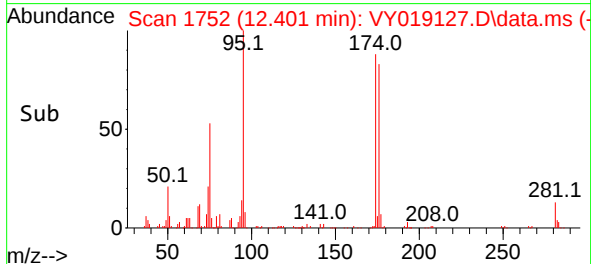
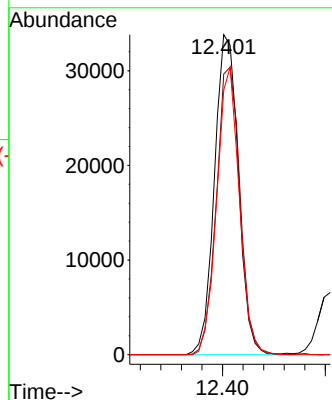
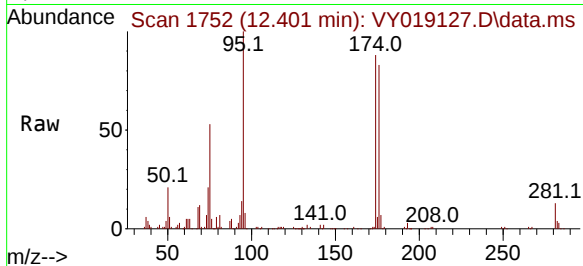




#62
4-Bromofluorobenzene
Concen: 40.265 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019127.D
Acq: 19 Aug 2024 19:26

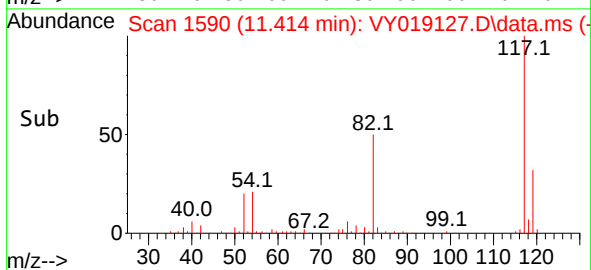
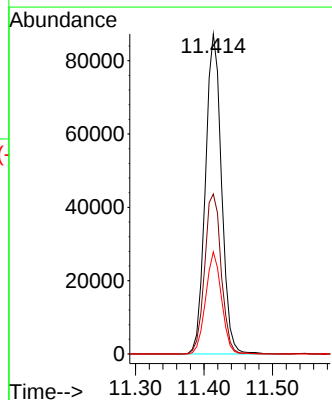
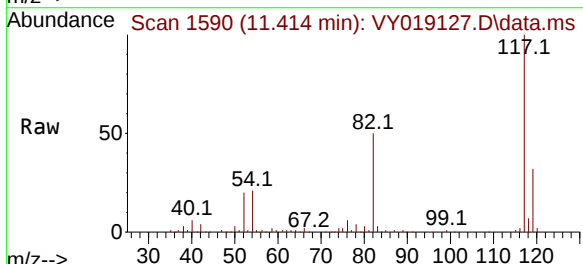
Instrument :
MSVOA_Y
ClientSampleId :
S-908-K1-0-0.5-081524

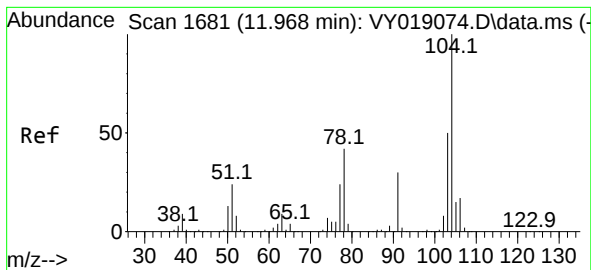
Tgt Ion:	95	Resp:	54505
Ion Ratio	Lower	Upper	
95	100		
174	89.2	0.0	175.6
176	84.6	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY019127.D
Acq: 19 Aug 2024 19:26

Tgt Ion:	117	Resp:	142644
Ion Ratio	Lower	Upper	
117	100		
82	50.0	42.4	63.6
119	31.9	25.9	38.9





#70

Styrene

Concen: 6.369 ug/l

RT: 11.968 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY019127.D

Acq: 19 Aug 2024 19:26

Instrument :

MSVOA_Y

ClientSampleId :

S-908-K1-0-0.5-081524

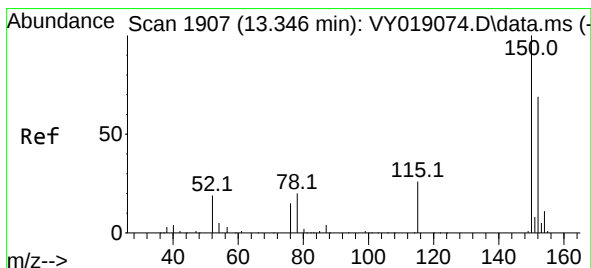
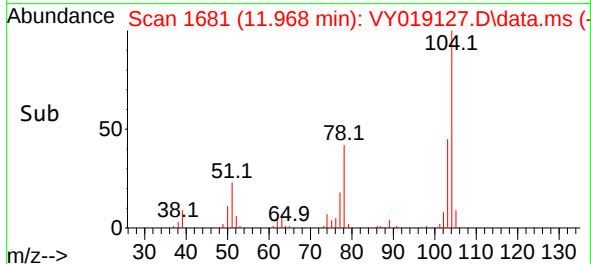
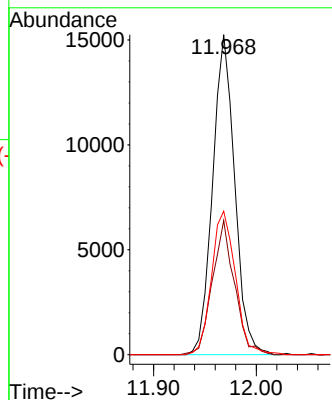
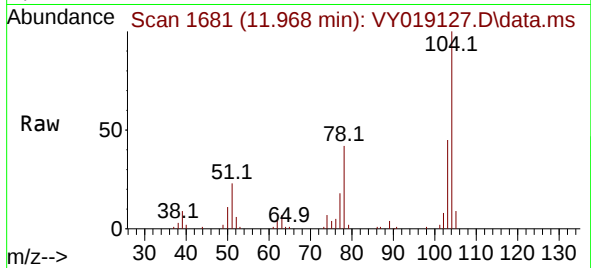
Tgt Ion:104 Resp: 22752

Ion Ratio Lower Upper

104 100

78 42.2 37.0 55.4

103 48.6 44.2 66.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY019127.D

Acq: 19 Aug 2024 19:26

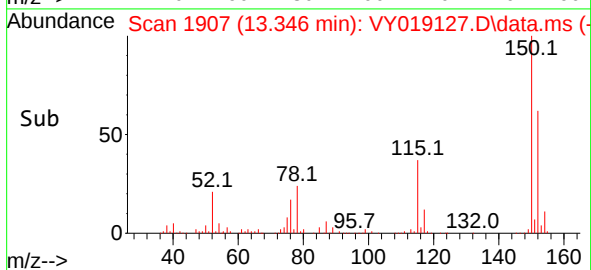
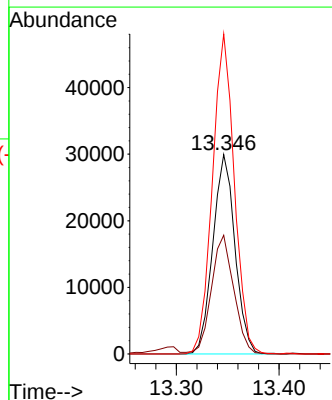
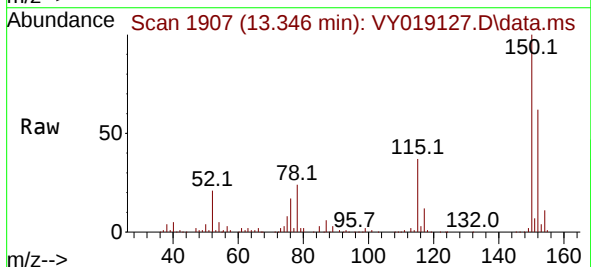
Tgt Ion:152 Resp: 44867

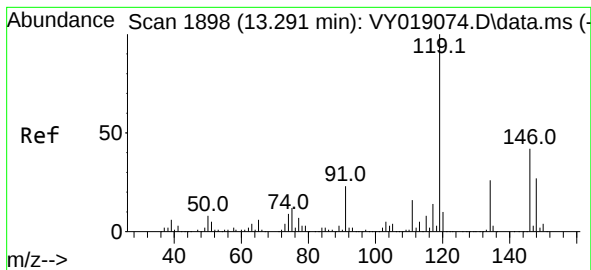
Ion Ratio Lower Upper

152 100

115 60.1 28.2 84.7

150 158.4 0.0 345.6





#86

p-Isopropyltoluene

Concen: 6.236 ug/l

RT: 13.291 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019127.D

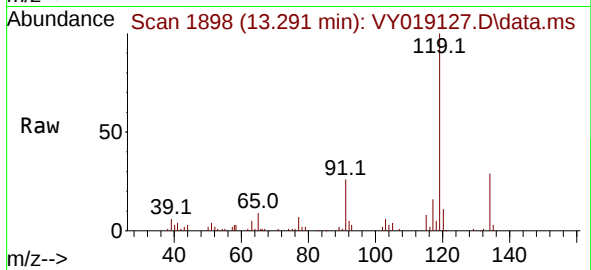
Acq: 19 Aug 2024 19:26

Instrument :

MSVOA_Y

ClientSampleId :

S-908-K1-0-0.5-081524



Tgt Ion:	119	Resp:	19310
Ion Ratio	Lower	Upper	
119	100		
134	27.4	13.1	39.3
91	39.3	10.7	32.1#

