

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019331.D
 Acq On : 28 Aug 2024 15:36
 Operator : SY/MD
 Sample : P3660-05
 Misc : 7.24g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-906-J-0-0.5-081624

Quant Time: Aug 29 01:35:02 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)

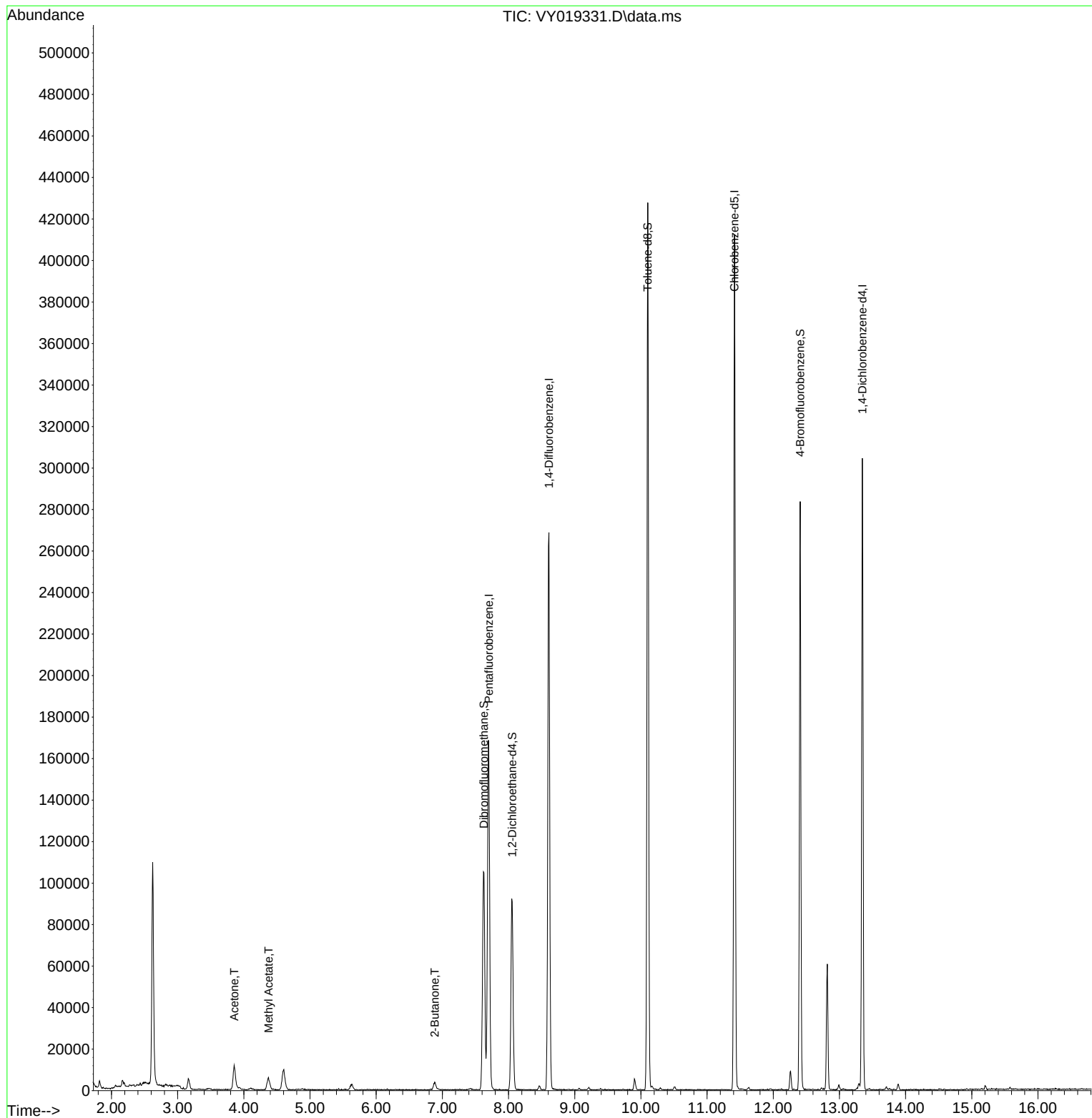
Internal Standards						
1) Pentafluorobenzene	7.701	168	131992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	232454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	210867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	74570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	73833	55.802	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.600%
35) Dibromofluoromethane	7.628	113	75117	49.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.840%
50) Toluene-d8	10.103	98	259797	47.498	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.000%
62) 4-Bromofluorobenzene	12.408	95	79909	42.856	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.720%
Target Compounds						
					Qvalue	
16) Acetone	3.854	43	19076	77.742	ug/l	92
18) Methyl Acetate	4.372	43	10753	14.279	ug/l	93
25) 2-Butanone	6.884	43	6354	16.079	ug/l #	86

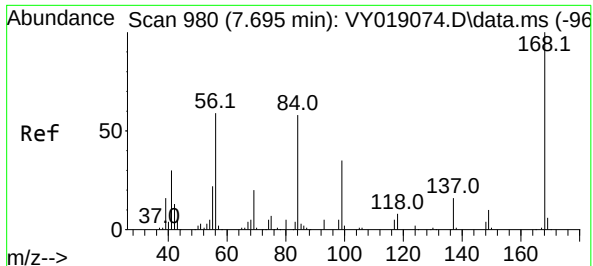
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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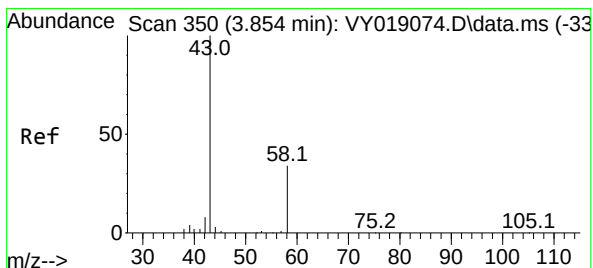
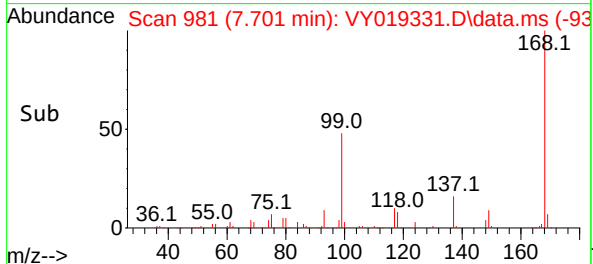
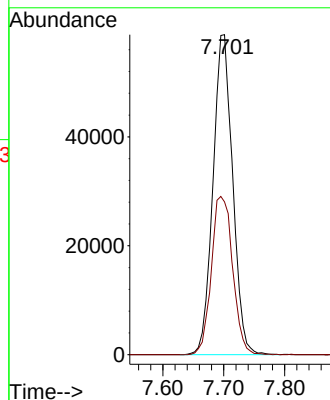
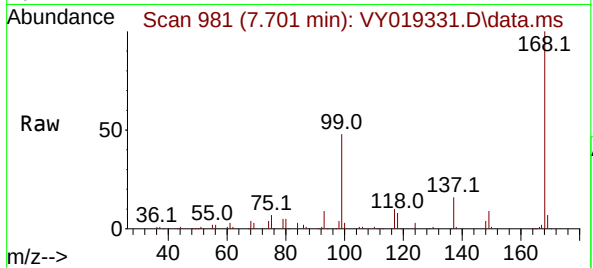




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019331.D
Acq: 28 Aug 2024 15:36

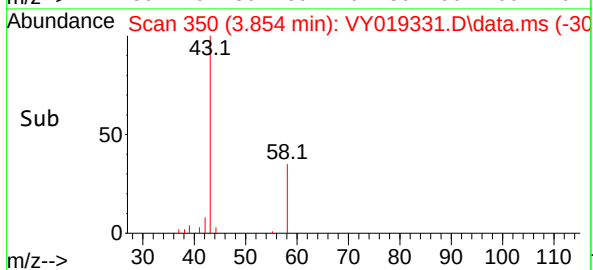
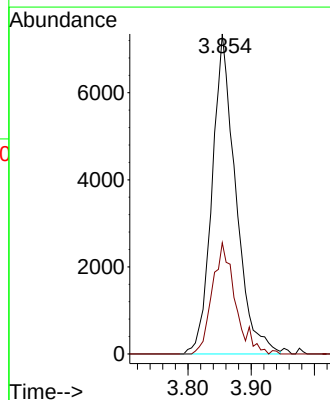
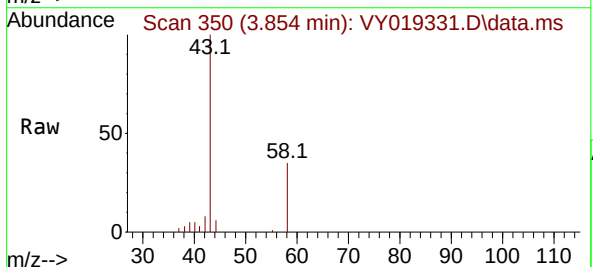
Instrument :
MSVOA_Y
ClientSampleId :
S-906-J-0-0.5-081624

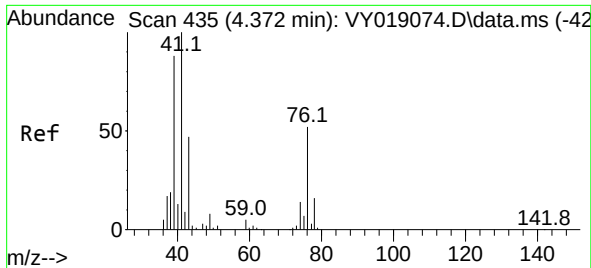
Tgt Ion:168 Resp: 131992
Ion Ratio Lower Upper
168 100
99 47.7 39.1 58.7



#16
Acetone
Concen: 77.742 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019331.D
Acq: 28 Aug 2024 15:36

Tgt Ion: 43 Resp: 19076
Ion Ratio Lower Upper
43 100
58 34.8 31.7 47.5

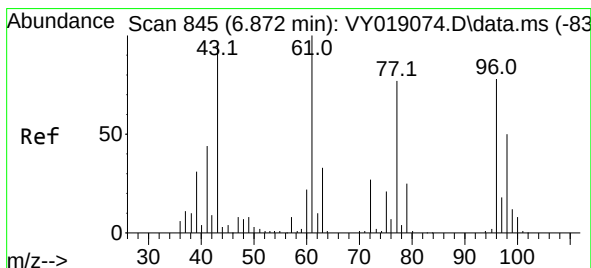
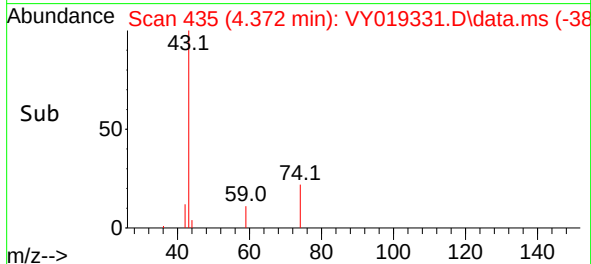
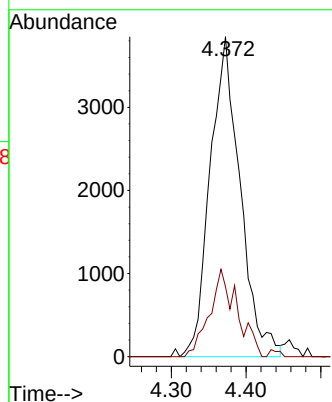
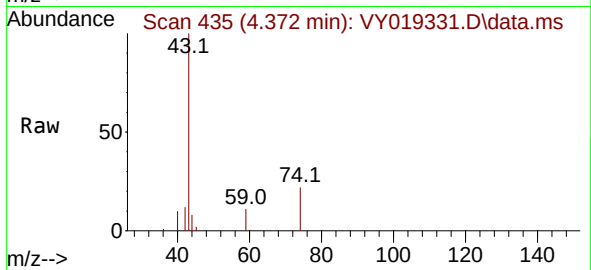




#18
Methyl Acetate
Concen: 14.279 ug/l
RT: 4.372 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019331.D
Acq: 28 Aug 2024 15:36

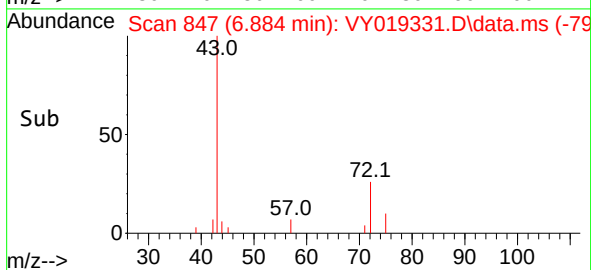
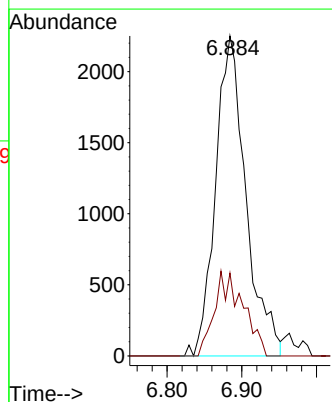
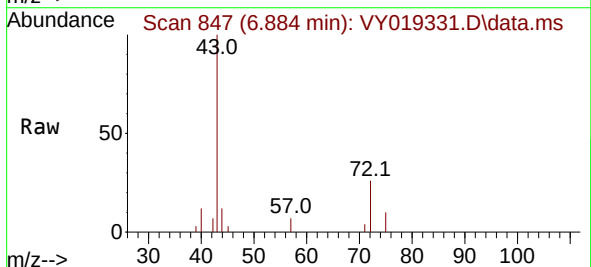
Instrument :
MSVOA_Y
ClientSampleId :
S-906-J-0-0.5-081624

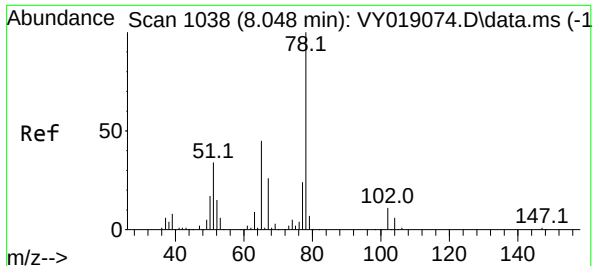
Tgt Ion: 43 Resp: 10753
Ion Ratio Lower Upper
43 100
74 25.2 23.3 34.9



#25
2-Butanone
Concen: 16.079 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY019331.D
Acq: 28 Aug 2024 15:36

Tgt Ion: 43 Resp: 6354
Ion Ratio Lower Upper
43 100
72 25.9 27.3 40.9#





#33

1,2-Dichloroethane-d4

Concen: 55.802 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019331.D

Acq: 28 Aug 2024 15:36

Instrument :

MSVOA_Y

ClientSampleId :

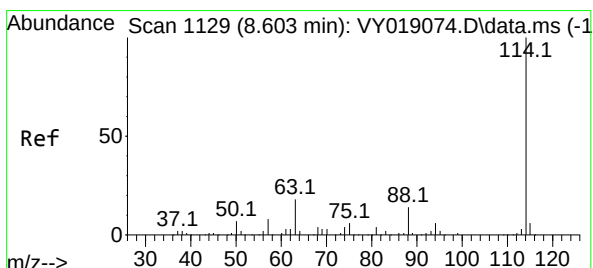
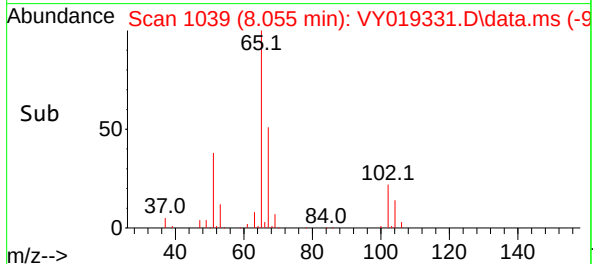
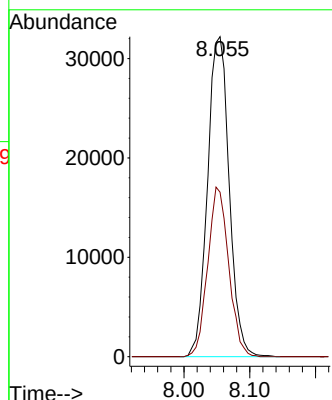
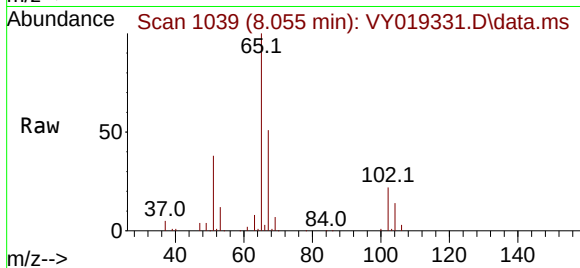
S-906-J-0-0.5-081624

Tgt Ion: 65 Resp: 73833

Ion Ratio Lower Upper

65 100

67 51.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019331.D

Acq: 28 Aug 2024 15:36

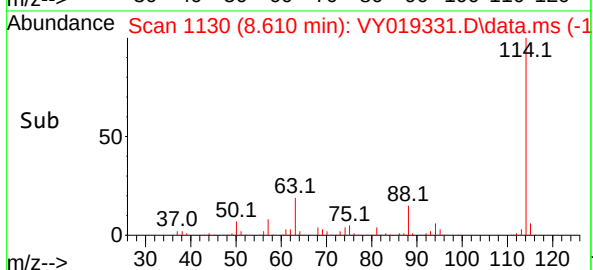
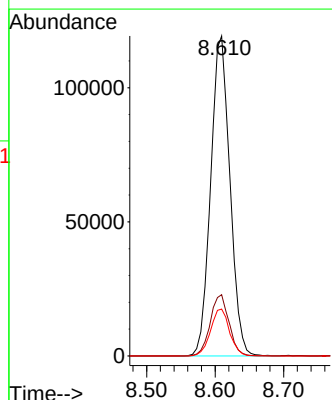
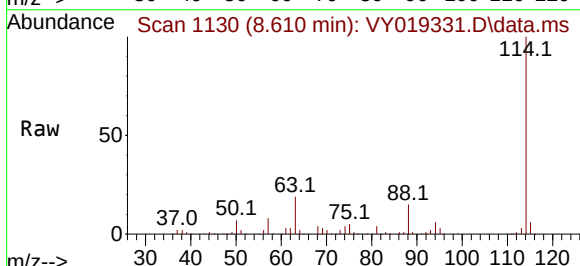
Tgt Ion: 114 Resp: 232454

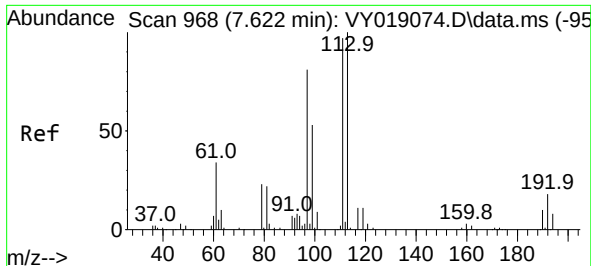
Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.0

88 14.6 0.0 27.2

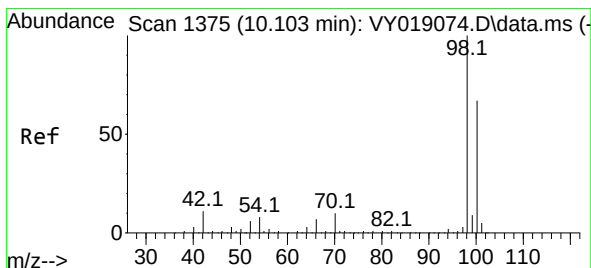
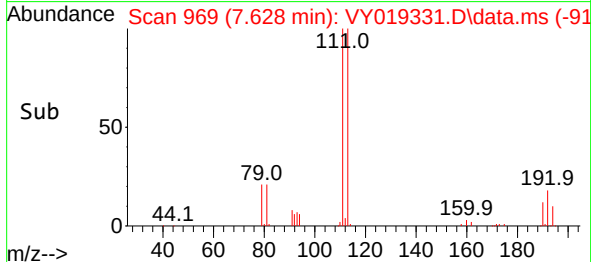
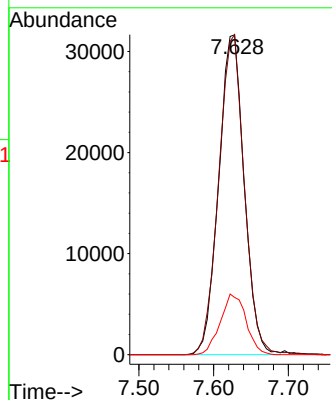
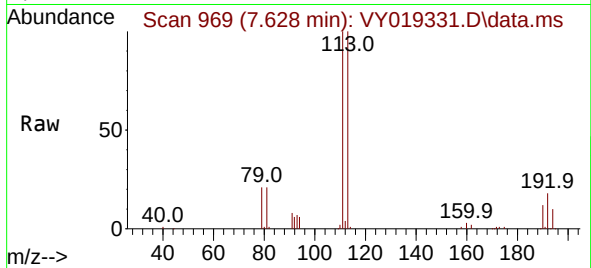




#35
Dibromofluoromethane
Concen: 49.422 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019331.D
Acq: 28 Aug 2024 15:36

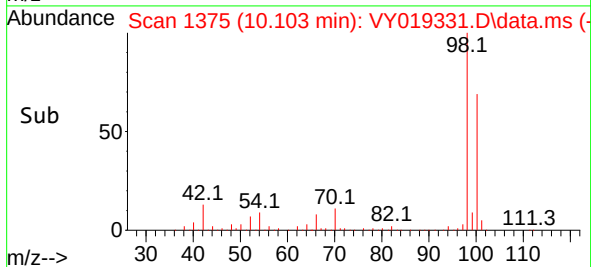
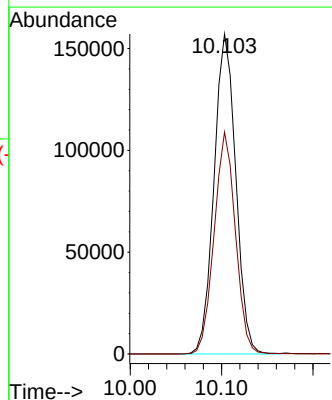
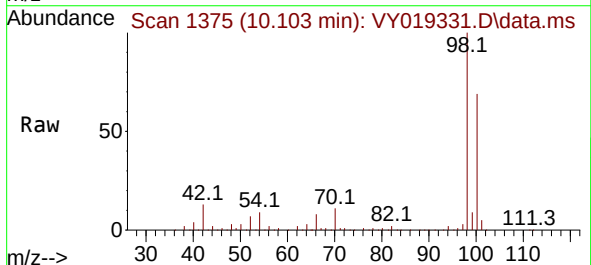
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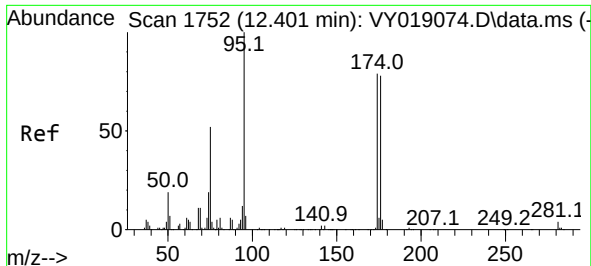
Tgt Ion:113 Resp: 75117
Ion Ratio Lower Upper
113 100
111 100.5 82.2 123.4
192 19.1 15.9 23.9



#50
Toluene-d8
Concen: 47.498 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019331.D
Acq: 28 Aug 2024 15:36

Tgt Ion: 98 Resp: 259797
Ion Ratio Lower Upper
98 100
100 67.9 52.0 78.0

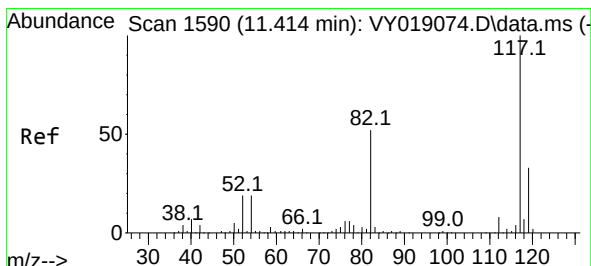
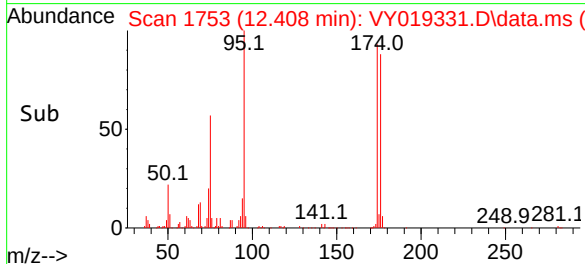
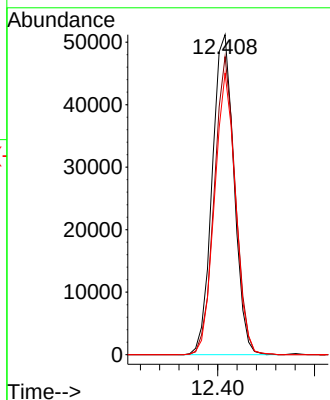
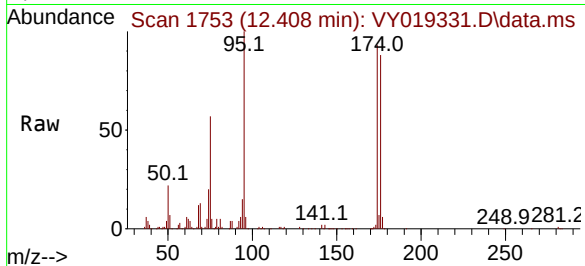




#62
4-Bromofluorobenzene
Concen: 42.856 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019331.D
Acq: 28 Aug 2024 15:36

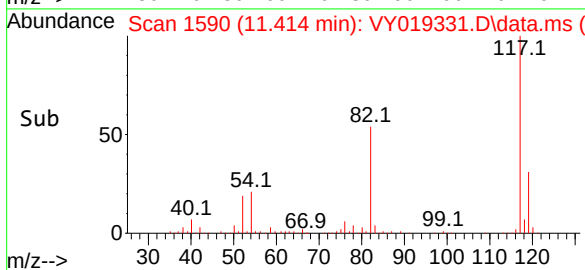
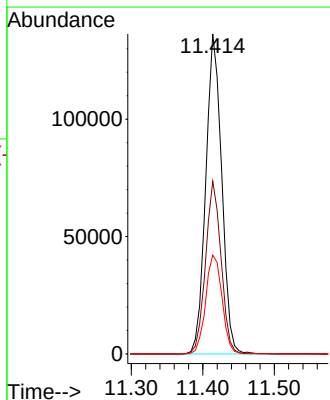
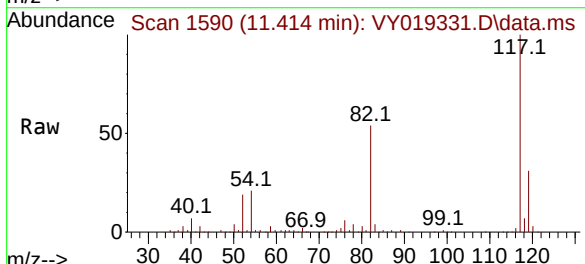
Instrument :
MSVOA_Y
ClientSampleId :
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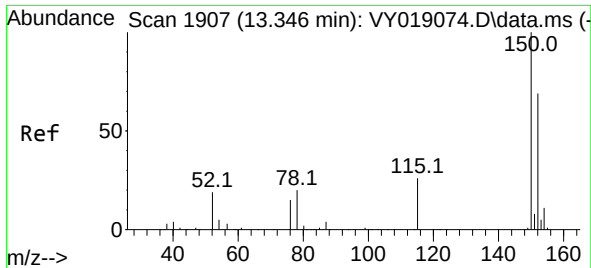
Tgt Ion:	95	Resp:	79909
Ion Ratio	Lower	Upper	
95	100		
174	90.3	0.0	175.6
176	85.6	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019331.D
Acq: 28 Aug 2024 15:36

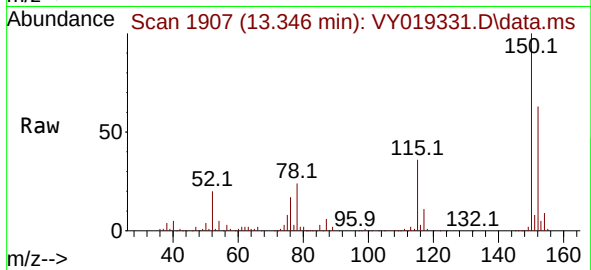
Tgt Ion:	117	Resp:	210867
Ion Ratio	Lower	Upper	
117	100		
82	54.0	42.4	63.6
119	30.9	25.9	38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019331.D
Acq: 28 Aug 2024 15:36

Instrument :
MSVOA_Y
ClientSampleId :
S-906-J-0-0.5-081624



Tgt Ion:	152	Resp:	74570
Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.2	84.7
150	158.2	0.0	345.6

