

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019398.D
 Acq On : 30 Aug 2024 16:13
 Operator : SY/MD
 Sample : P3788-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 30 23:16:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	29026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	43635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	33551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	8510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	12005	43.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.340%
35) Dibromofluoromethane	7.622	113	13256	48.051	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.100%
50) Toluene-d8	10.103	98	45612	44.914	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.820%
62) 4-Bromofluorobenzene	12.408	95	10415	31.708	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	63.420%
Target Compounds						
5) Bromomethane	2.611	94	271	Below Cal	#	52
20) Methylene Chloride	4.604	84	454	Below Cal		92
31) Cyclohexane	7.701	56	673	1.439	ug/l #	62
36) 1,1-Dichloropropene	7.701	75	2295	5.887	ug/l #	50
38) Carbon Tetrachloride	7.701	117	2771	5.832	ug/l #	21
51) 4-Methyl-2-Pentanone	10.109	43	248	1.573	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	5618	75.172	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	5618	185.982	ug/l #	16
94) Hexachlorobutadiene	15.017	225	20	3.691	ug/l #	19

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 02:45:30 2024
Response via : Initial Calibration

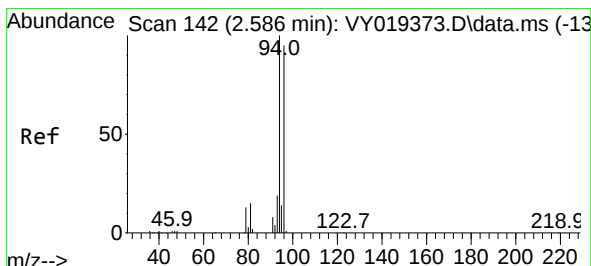
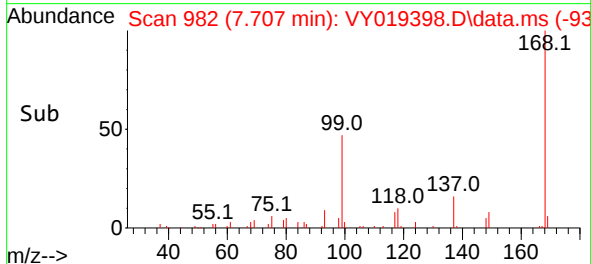
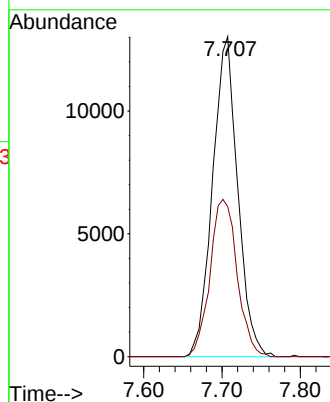
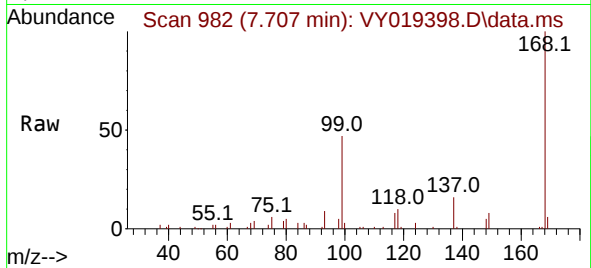




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019398.D
Acq: 30 Aug 2024 16:13

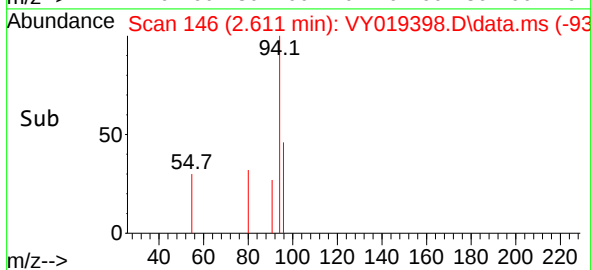
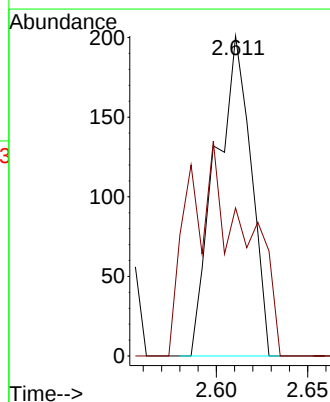
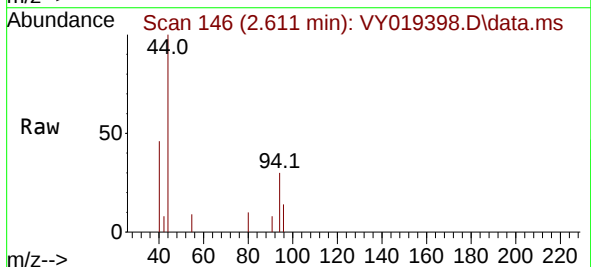
Instrument :
MSVOA_Y
ClientSampleId :

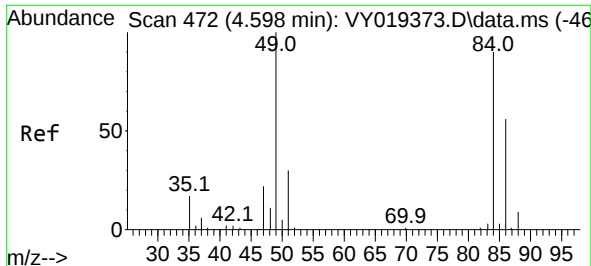
Tgt Ion:168 Resp: 29026
Ion Ratio Lower Upper
168 100
99 46.9 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.611 min Scan# 146
Delta R.T. 0.025 min
Lab File: VY019398.D
Acq: 30 Aug 2024 16:13

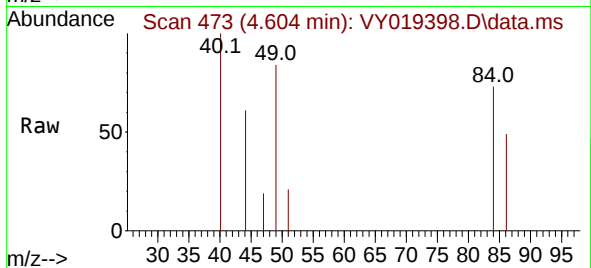
Tgt Ion: 94 Resp: 271
Ion Ratio Lower Upper
94 100
96 46.3 74.1 111.1#





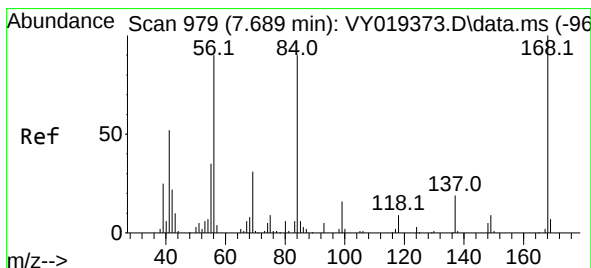
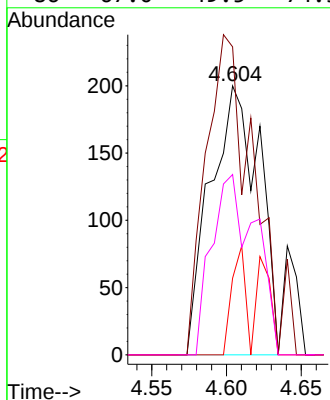
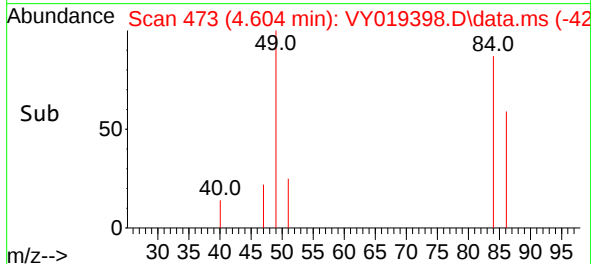
#20
Methylene Chloride
Concen: Below Cal
RT: 4.604 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY019398.D
Acq: 30 Aug 2024 16:13

Instrument :
MSVOA_Y
ClientSampleId :

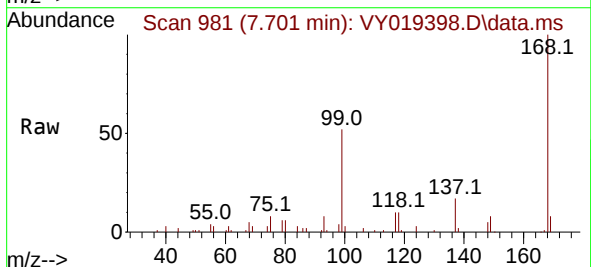


Tgt Ion: 84 Resp: 454

Ion	Ratio	Lower	Upper
84	100		
49	114.5	84.4	126.6
51	28.5	26.0	39.0
86	67.0	49.5	74.3

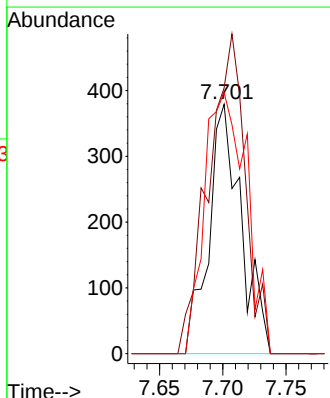
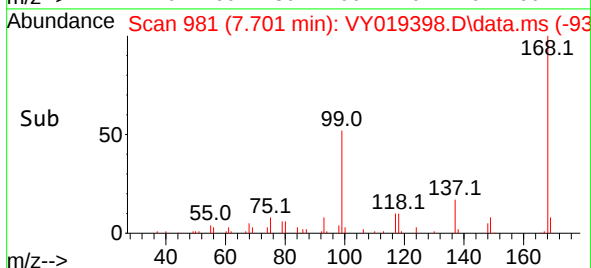


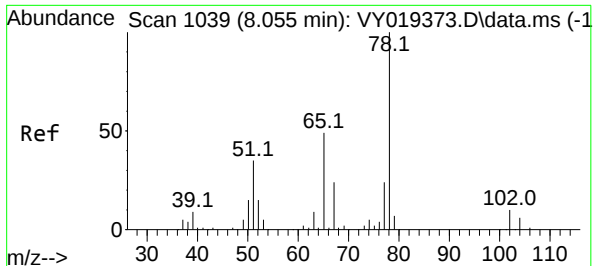
#31
Cyclohexane
Concen: 1.439 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY019398.D
Acq: 30 Aug 2024 16:13



Tgt Ion: 56 Resp: 673

Ion	Ratio	Lower	Upper
56	100		
69	106.6	28.7	43.1#
84	104.7	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 43.666 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY019398.D

Acq: 30 Aug 2024 16:13

Instrument :

MSVOA_Y

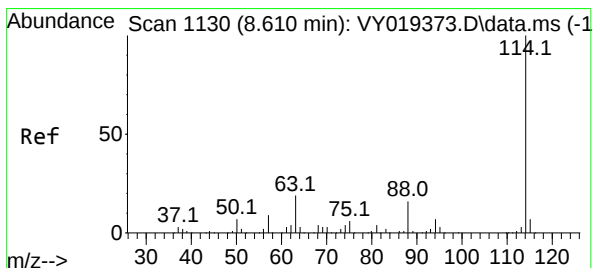
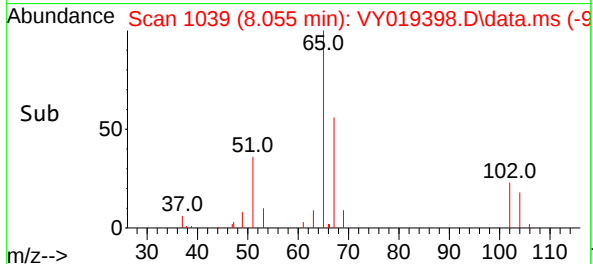
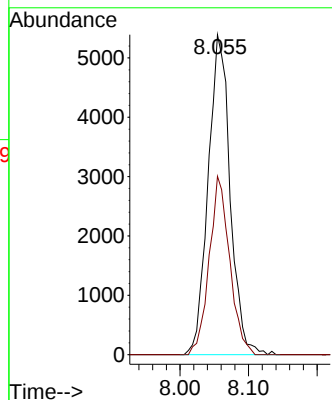
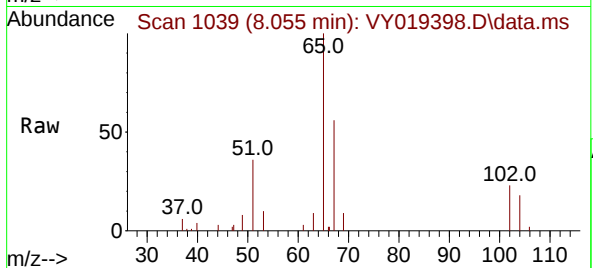
ClientSampleId :

Tgt Ion: 65 Resp: 12005

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019398.D

Acq: 30 Aug 2024 16:13

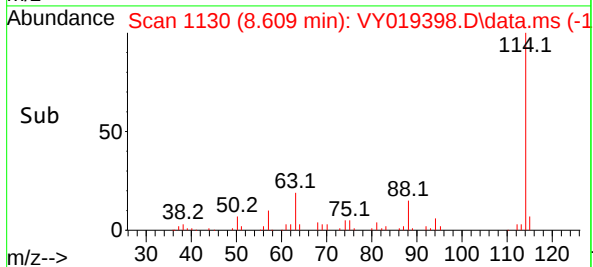
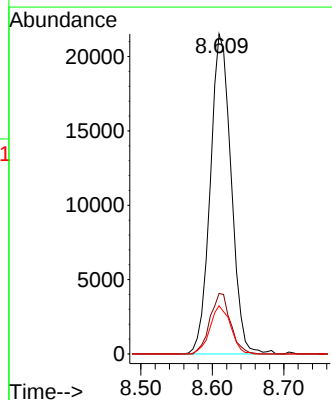
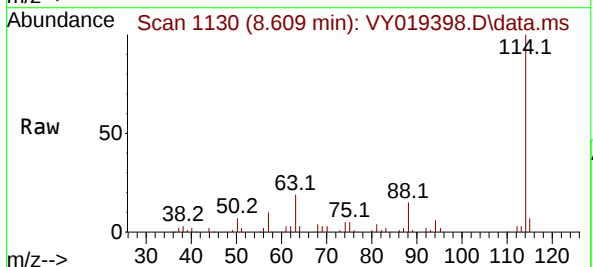
Tgt Ion: 114 Resp: 43635

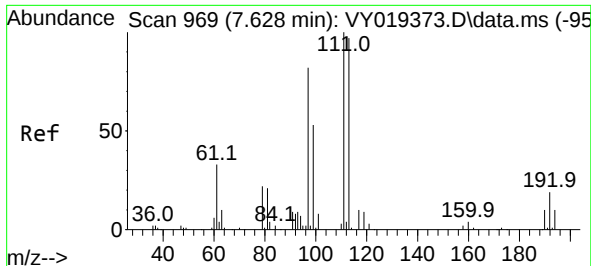
Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

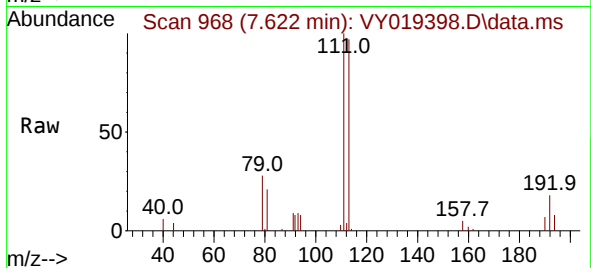
88 15.0 0.0 27.2



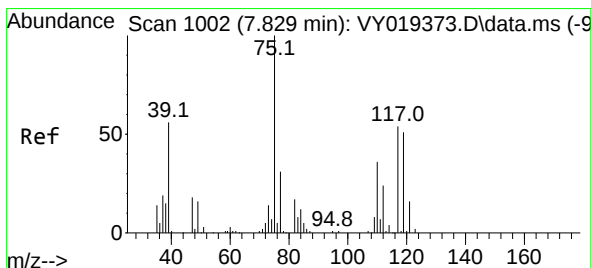
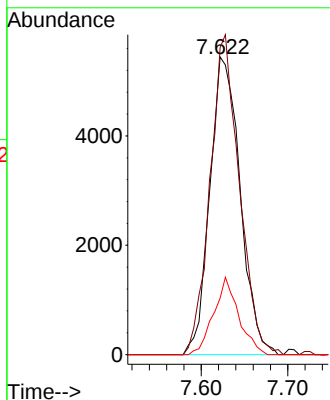
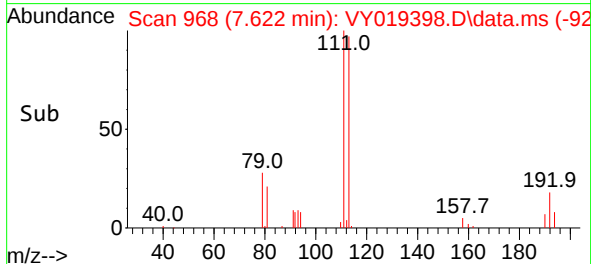


#35
Dibromofluoromethane
Concen: 48.051 ug/l
RT: 7.622 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY019398.D
Acq: 30 Aug 2024 16:13

Instrument :
MSVOA_Y
ClientSampleId :

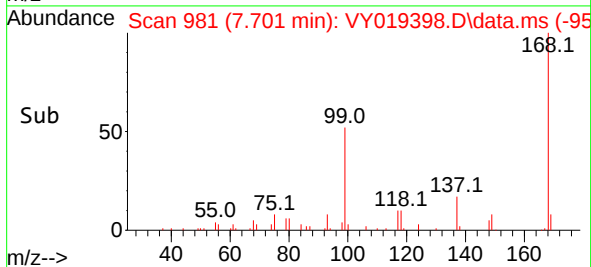
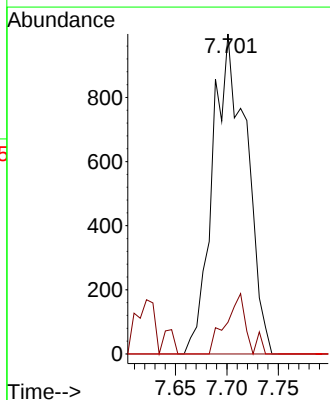
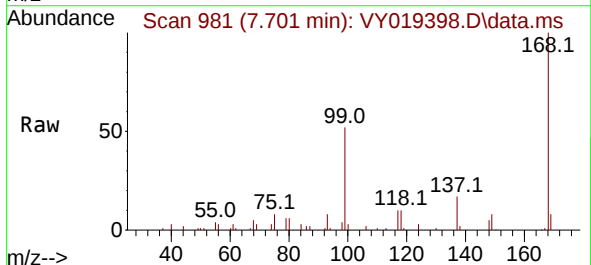


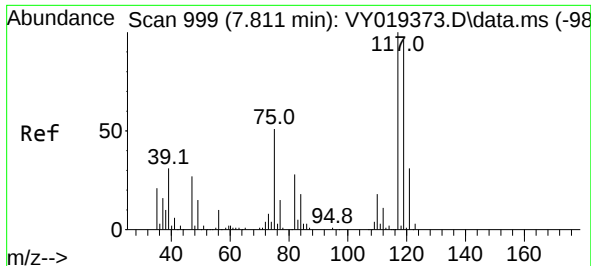
Tgt Ion:113 Resp: 13256
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 21.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.887 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY019398.D
Acq: 30 Aug 2024 16:13

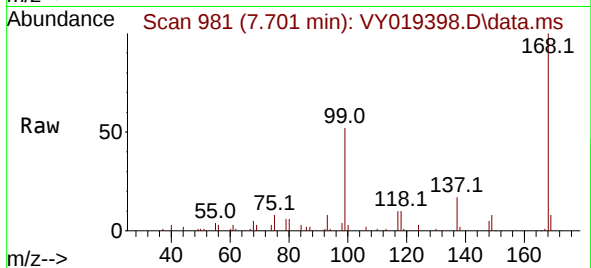
Tgt Ion: 75 Resp: 2295
Ion Ratio Lower Upper
75 100
110 11.6 19.0 57.0#
77 0.0 25.3 37.9#



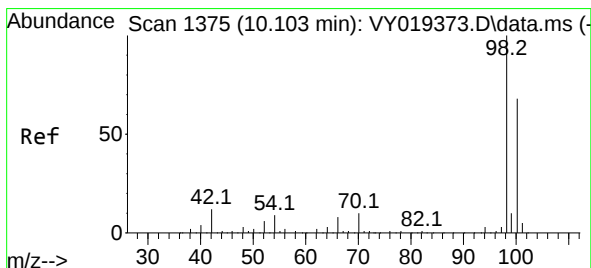
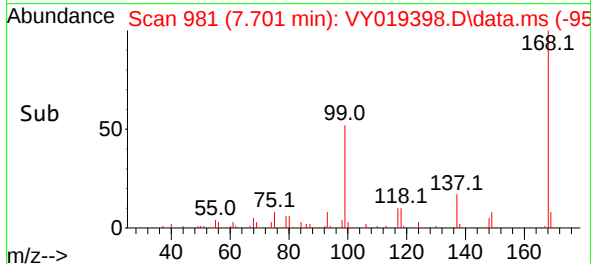
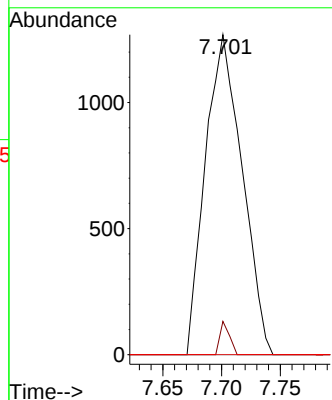


#38
Carbon Tetrachloride
Concen: 5.832 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019398.D
Acq: 30 Aug 2024 16:13

Instrument :
MSVOA_Y
ClientSampleId :

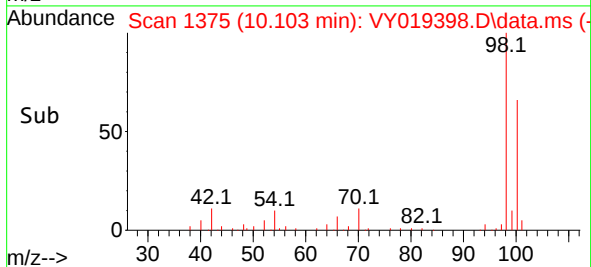
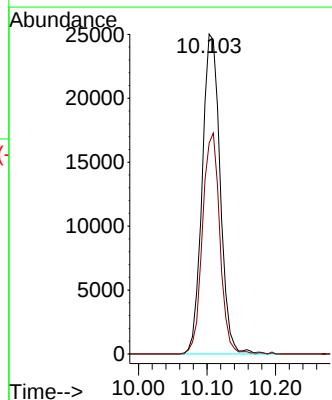
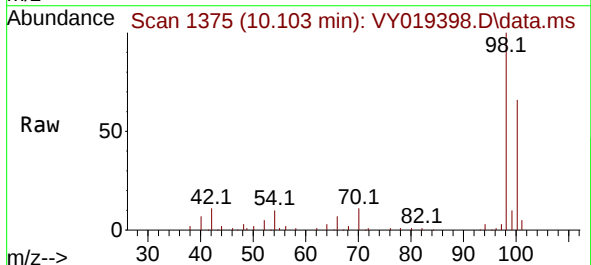


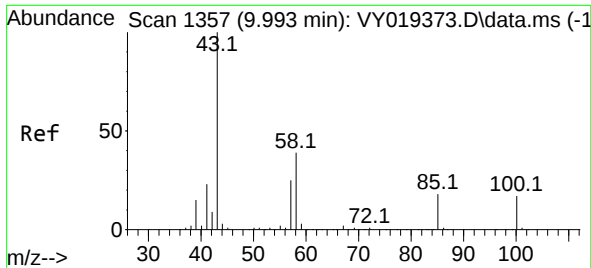
Tgt Ion:117 Resp: 2771
Ion Ratio Lower Upper
117 100
119 10.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 44.914 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY019398.D
Acq: 30 Aug 2024 16:13

Tgt Ion: 98 Resp: 45612
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0

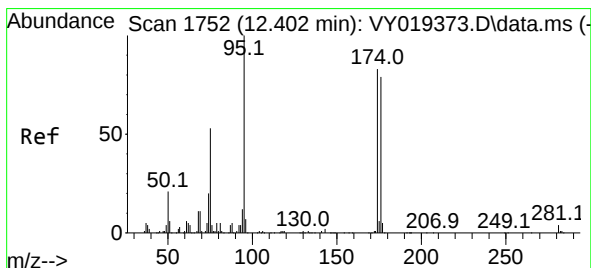
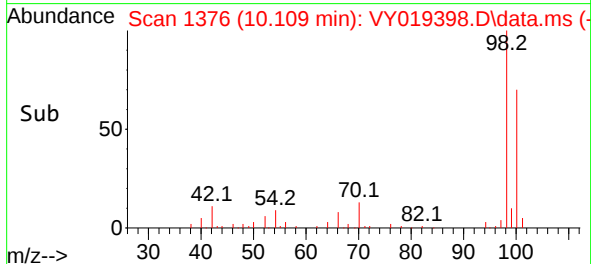
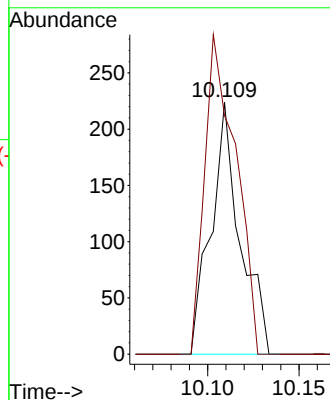
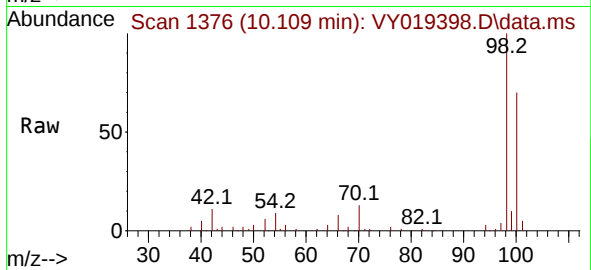




#51
4-Methyl-2-Pentanone
Concen: 1.573 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY019398.D
Acq: 30 Aug 2024 16:13

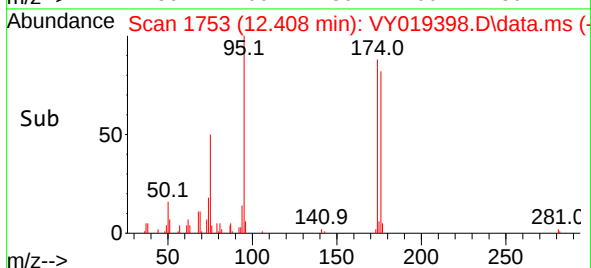
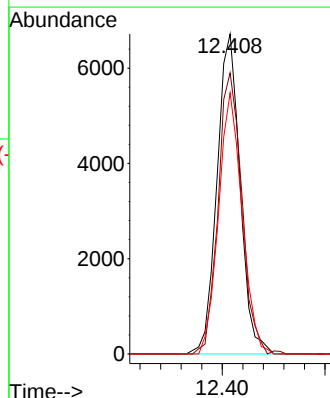
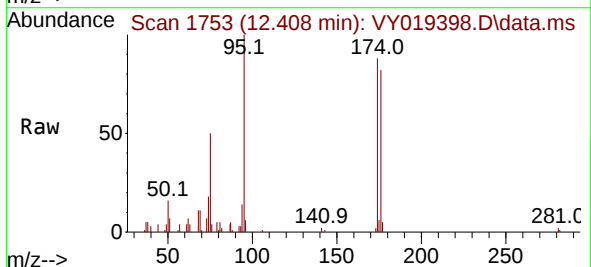
Instrument :
MSVOA_Y
ClientSampleId :

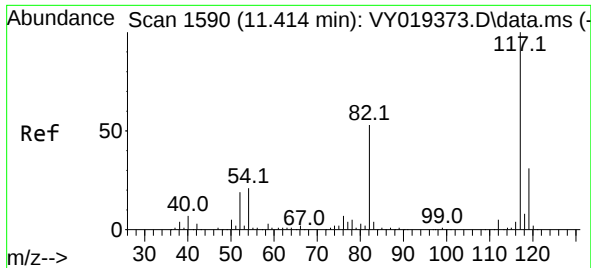
Tgt Ion: 43 Resp: 248
Ion Ratio Lower Upper
43 100
58 135.5 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 31.708 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019398.D
Acq: 30 Aug 2024 16:13

Tgt Ion: 95 Resp: 10415
Ion Ratio Lower Upper
95 100
174 90.6 0.0 175.6
176 83.5 0.0 171.4

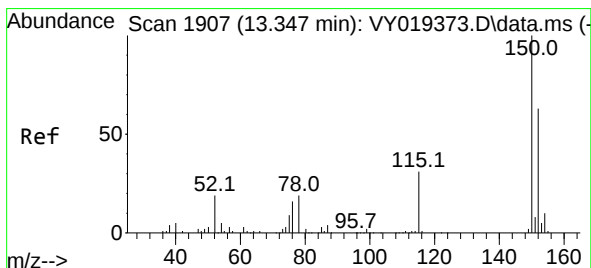
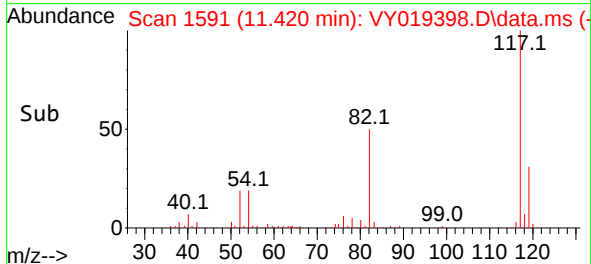
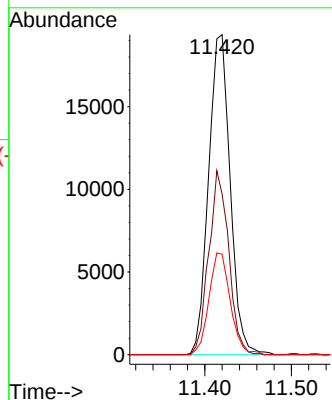
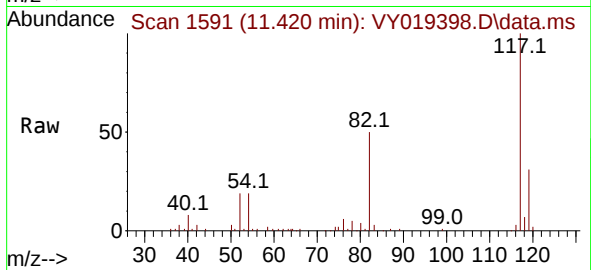




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019398.D
Acq: 30 Aug 2024 16:13

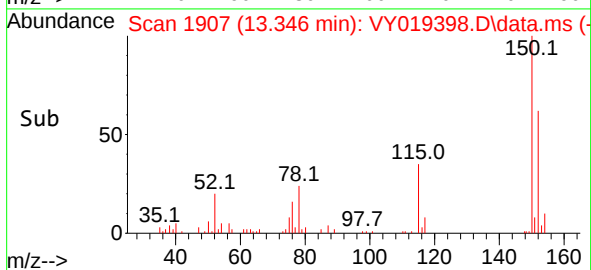
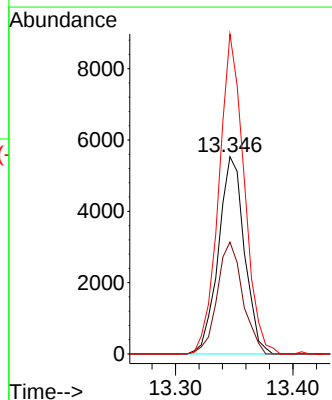
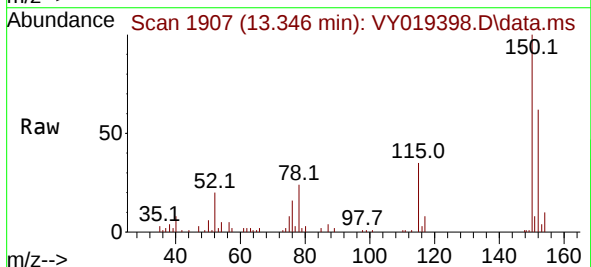
Instrument :
MSVOA_Y
ClientSampleId :

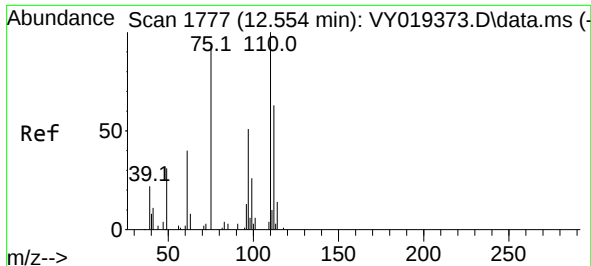
Tgt Ion:117 Resp: 33551
Ion Ratio Lower Upper
117 100
82 50.1 42.4 63.6
119 31.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY019398.D
Acq: 30 Aug 2024 16:13

Tgt Ion:152 Resp: 8510
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 157.5 0.0 345.6

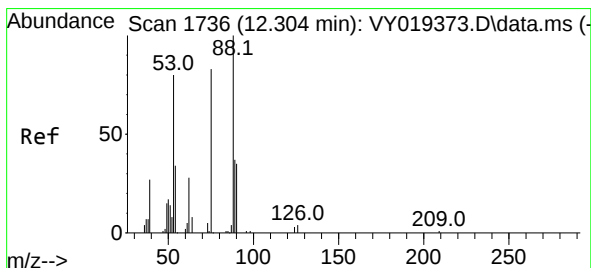
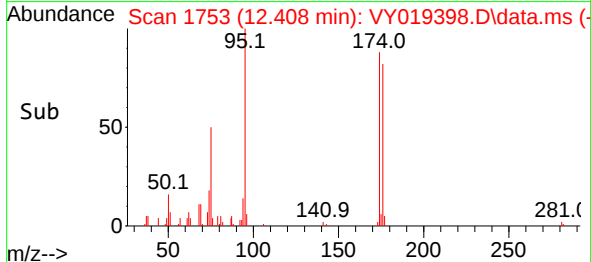
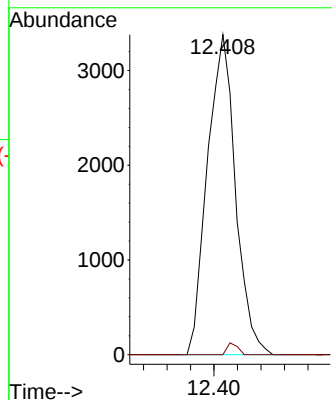
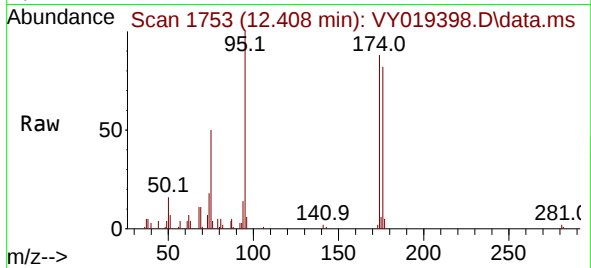




#76
1,2,3-Trichloropropane
Concen: 75.172 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019398.D
Acq: 30 Aug 2024 16:13

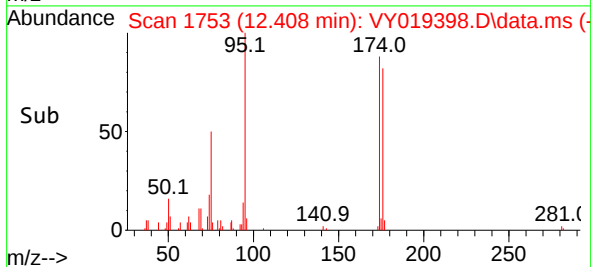
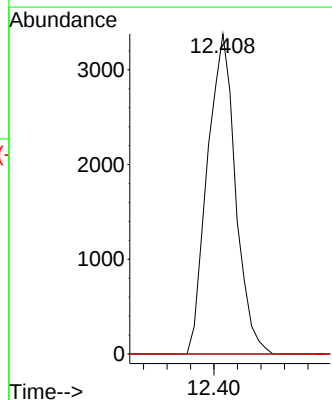
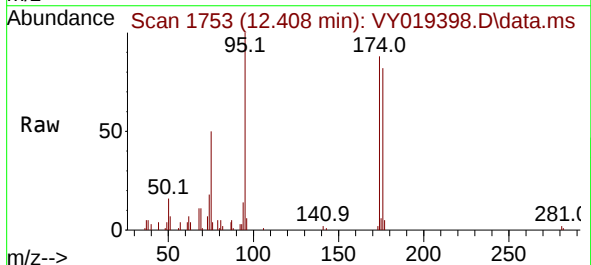
Instrument :
MSVOA_Y
ClientSampleId :

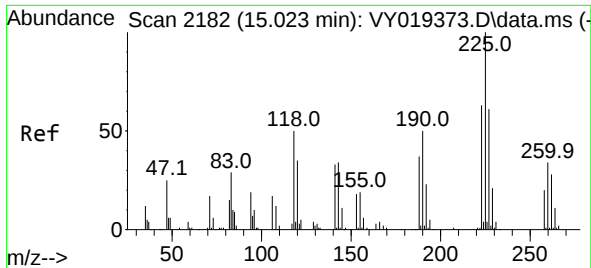
Tgt Ion: 75 Resp: 5618
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 185.982 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019398.D
Acq: 30 Aug 2024 16:13

Tgt Ion: 75 Resp: 5618
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#94

Hexachlorobutadiene

Concen: 3.691 ug/l

RT: 15.017 min Scan# 21

Delta R.T. -0.006 min

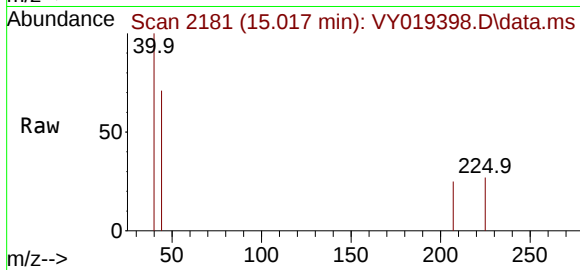
Lab File: VY019398.D

Acq: 30 Aug 2024 16:13

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	225	Resp:	20
Ion	Ratio	Lower	Upper
225	100		
223	0.0	30.4	91.2#
227	0.0	31.9	95.9#

