

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100424\
 Data File : VY019801.D
 Acq On : 04 Oct 2024 15:41
 Operator : SY/MD
 Sample : P4290-03
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 04 23:33:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	241187	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	474267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	432004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	163893	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	159326	71.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.680%
35) Dibromofluoromethane	7.634	113	154081	57.300	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.600%
50) Toluene-d8	10.103	98	567637	57.072	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.140%
62) 4-Bromofluorobenzene	12.401	95	188131	49.193	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.380%

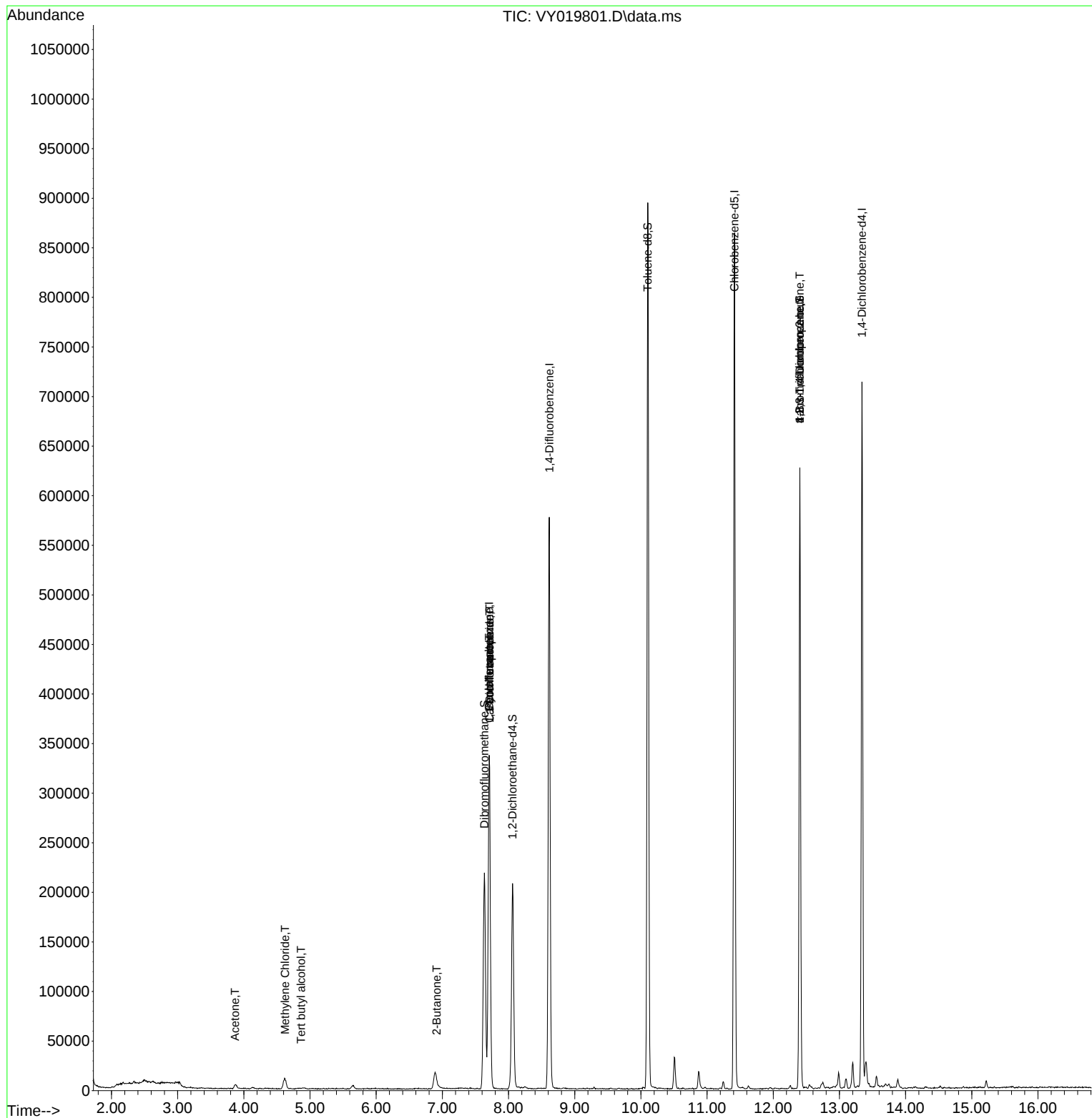
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.866	59	603	3.343	ug/l	# 88
13) Acrolein	3.641	56	30	Below Cal		# 15
16) Acetone	3.866	43	7922	14.889	ug/l	# 86
20) Methylene Chloride	4.622	84	7465	3.077	ug/l	# 93
25) 2-Butanone	6.915	43	2917	3.855	ug/l	# 73
31) Cyclohexane	7.707	56	6493	1.624	ug/l	# 47
36) 1,1-Dichloropropene	7.713	75	21746	5.943	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	26476	6.417	ug/l	# 16
76) 1,2,3-Trichloropropane	12.401	75	103795	67.568	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	103795	129.711	ug/l	# 16

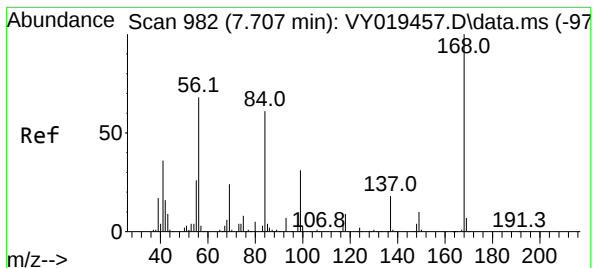
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY019801.D

Acq: 04 Oct 2024 15:41

Instrument :

MSVOA_Y

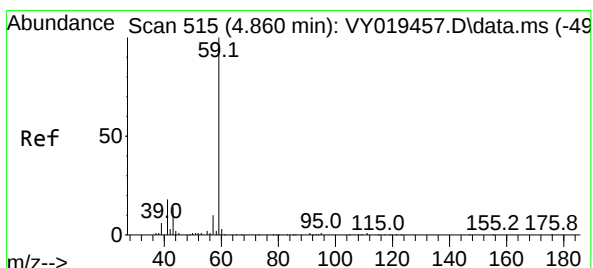
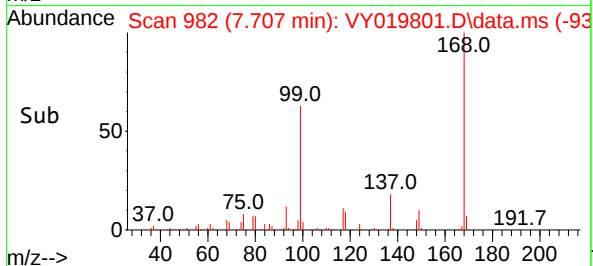
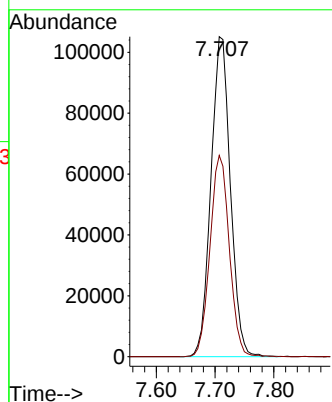
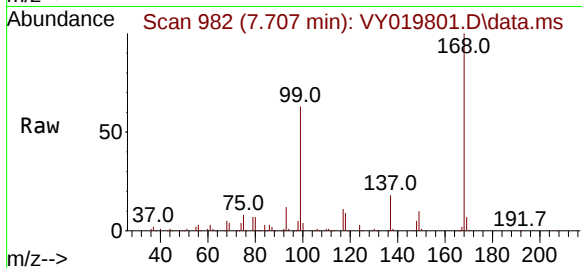
ClientSampleId :

Tgt Ion:168 Resp: 241187

Ion Ratio Lower Upper

168 100

99 62.9 39.1 58.7#



#11

Tert butyl alcohol

Concen: 3.343 ug/l

RT: 4.866 min Scan# 516

Delta R.T. 0.006 min

Lab File: VY019801.D

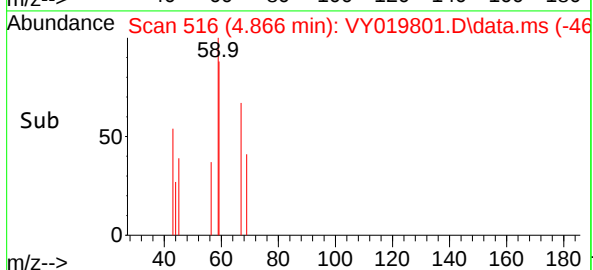
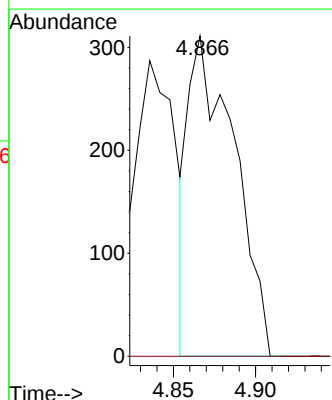
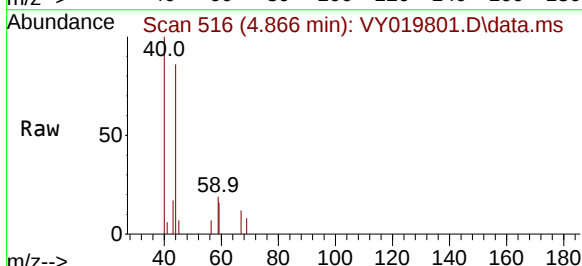
Acq: 04 Oct 2024 15:41

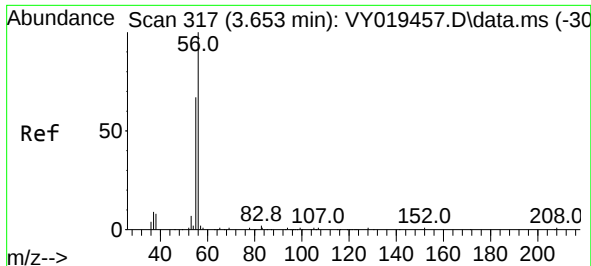
Tgt Ion: 59 Resp: 603

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#

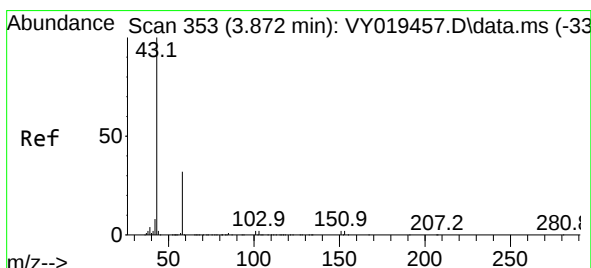
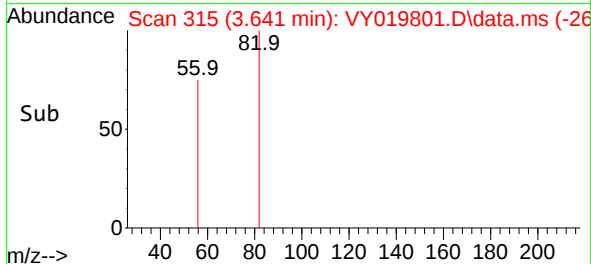
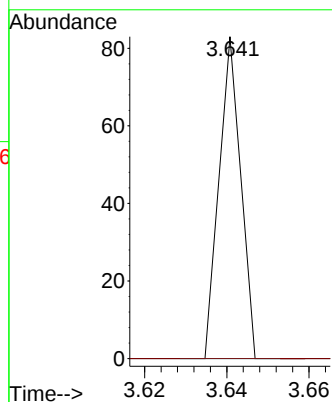
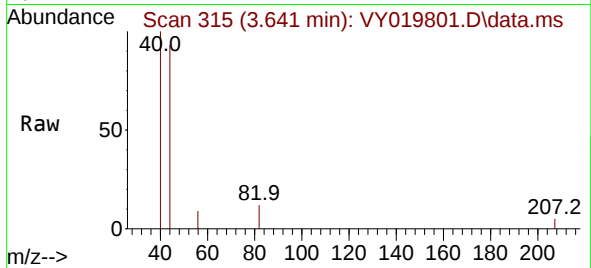




#13
Acrolein
Concen: Below Cal
RT: 3.641 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY019801.D
Acq: 04 Oct 2024 15:41

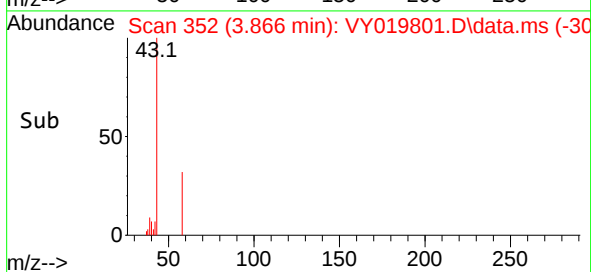
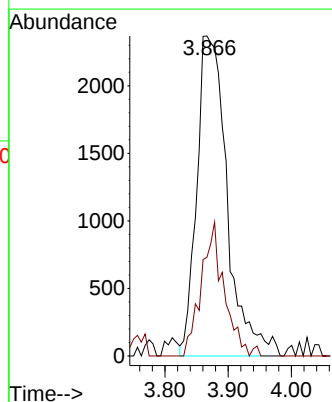
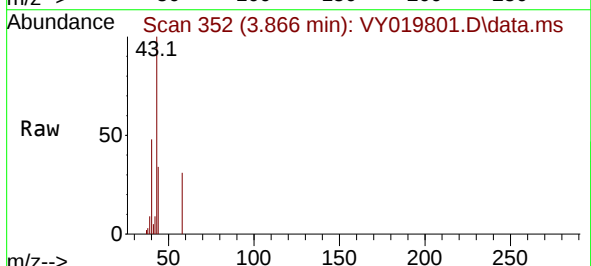
Instrument :
MSVOA_Y
ClientSampleId :

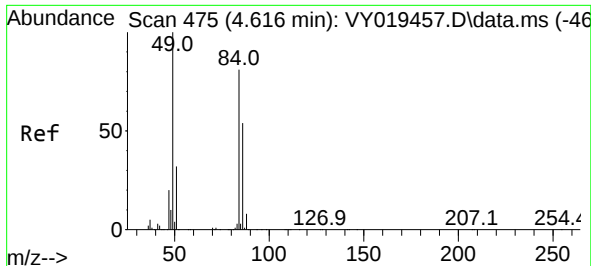
Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 14.889 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019801.D
Acq: 04 Oct 2024 15:41

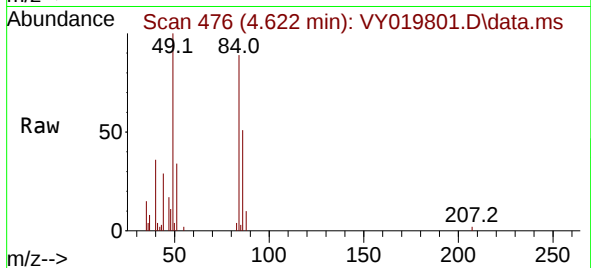
Tgt Ion: 43 Resp: 7922
Ion Ratio Lower Upper
43 100
58 30.8 31.7 47.5#



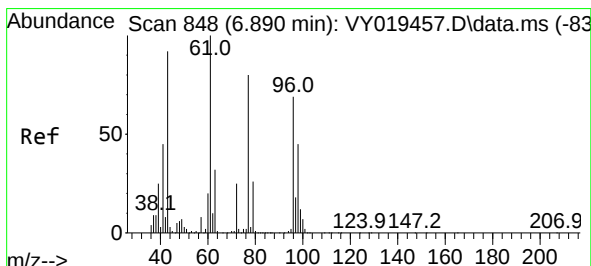
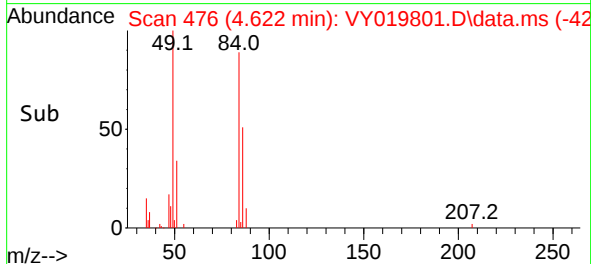
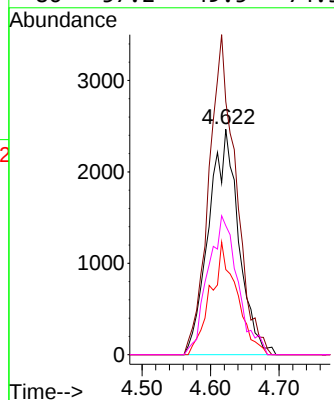


#20
Methylene Chloride
Concen: 3.077 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY019801.D
Acq: 04 Oct 2024 15:41

Instrument :
MSVOA_Y
ClientSampleId :

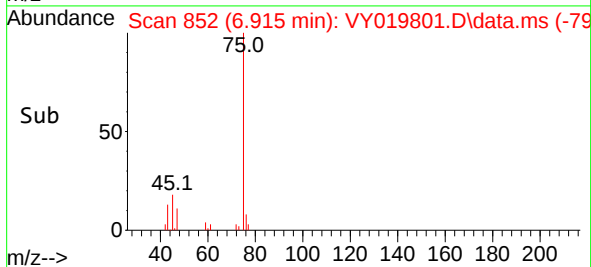
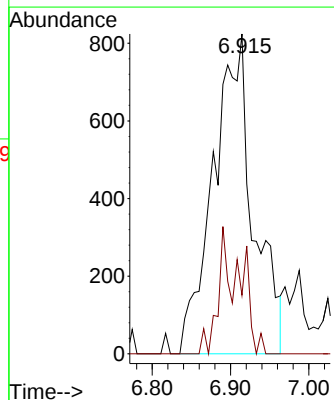
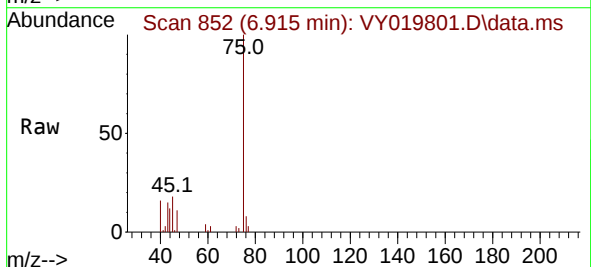


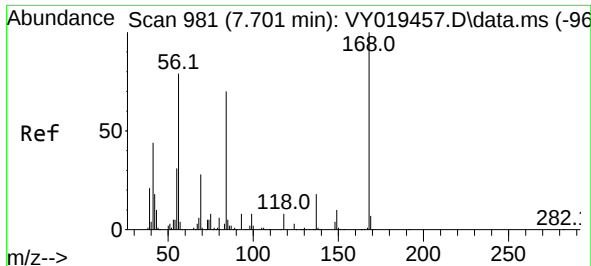
Tgt Ion:	84	Resp:	7465
Ion	Ratio	Lower	Upper
84	100		
49	112.2	84.4	126.6
51	37.8	26.0	39.0
86	57.2	49.5	74.3



#25
2-Butanone
Concen: 3.855 ug/l
RT: 6.915 min Scan# 852
Delta R.T. 0.025 min
Lab File: VY019801.D
Acq: 04 Oct 2024 15:41

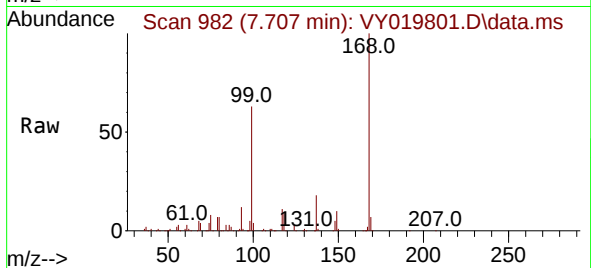
Tgt Ion:	43	Resp:	2917
Ion	Ratio	Lower	Upper
43	100		
72	18.3	27.3	40.9#



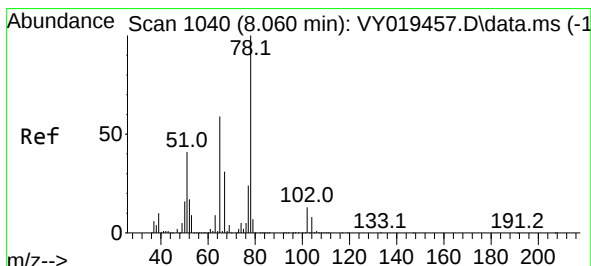
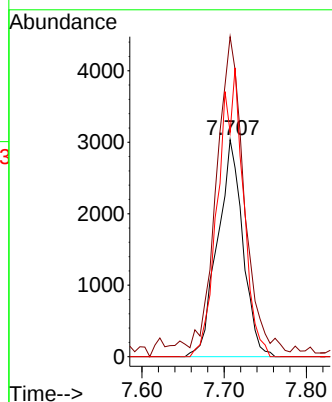
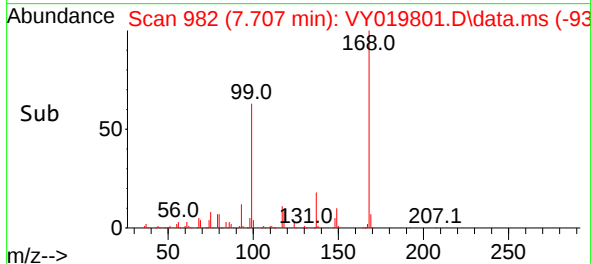


#31
Cyclohexane
Concen: 1.624 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019801.D
Acq: 04 Oct 2024 15:41

Instrument :
MSVOA_Y
ClientSampleId :

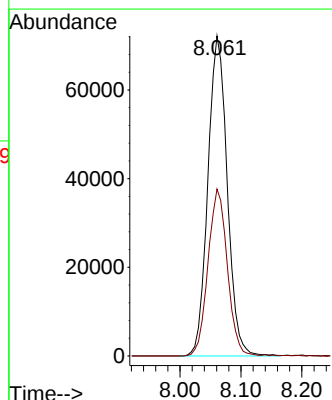
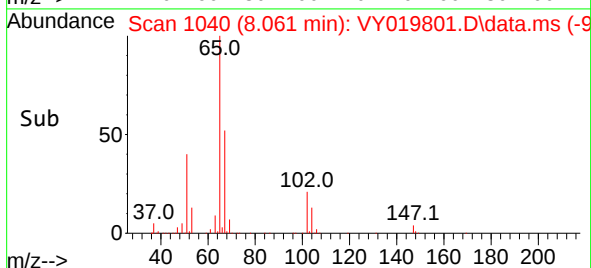
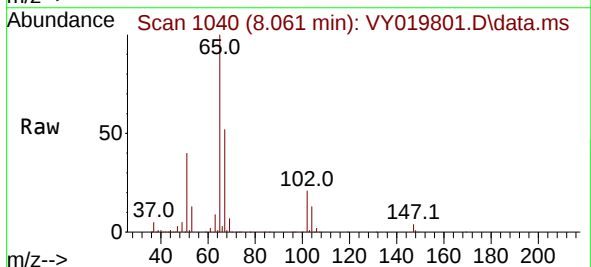


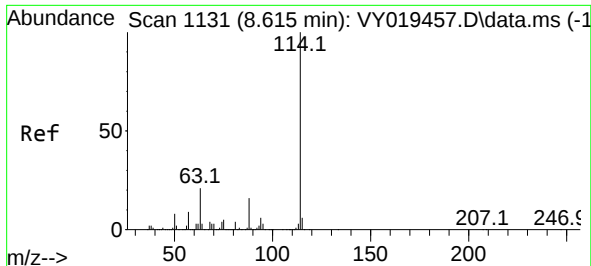
Tgt Ion: 56 Resp: 6493
Ion Ratio Lower Upper
56 100
69 141.6 28.7 43.1#
84 103.4 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 71.340 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019801.D
Acq: 04 Oct 2024 15:41

Tgt Ion: 65 Resp: 159326
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

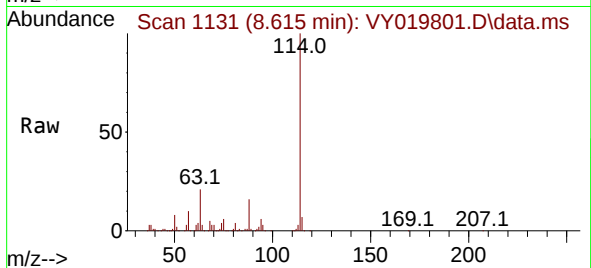
Lab File: VY019801.D

Acq: 04 Oct 2024 15:41

Instrument :

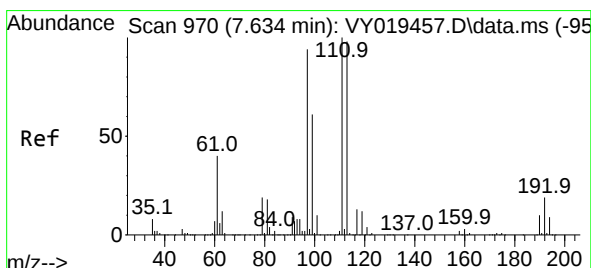
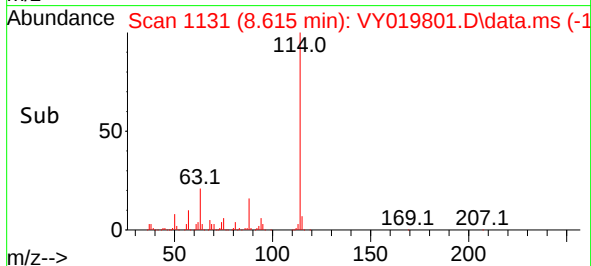
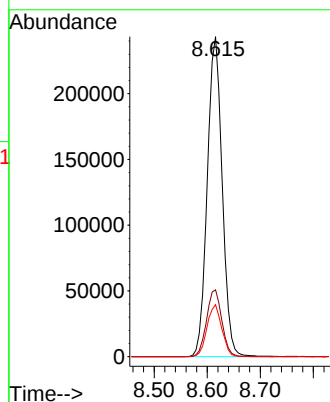
MSVOA_Y

ClientSampleId :



Tgt Ion:114 Resp: 474267

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	35.0
88	16.3	0.0	27.2



#35

Dibromofluoromethane

Concen: 57.300 ug/l

RT: 7.634 min Scan# 970

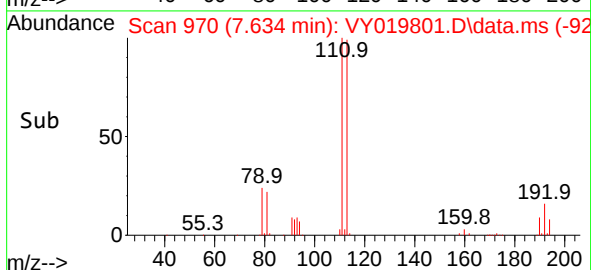
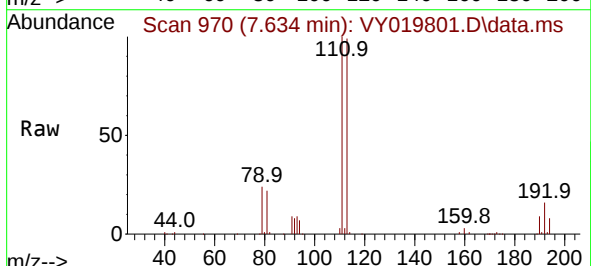
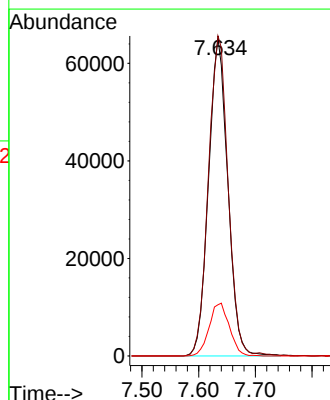
Delta R.T. 0.000 min

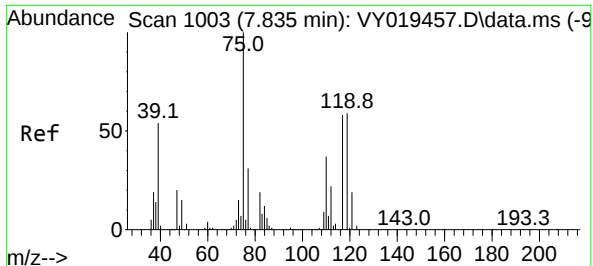
Lab File: VY019801.D

Acq: 04 Oct 2024 15:41

Tgt Ion:113 Resp: 154081

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	17.4	15.9	23.9





#36

1,1-Dichloropropene

Concen: 5.943 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.122 min

Lab File: VY019801.D

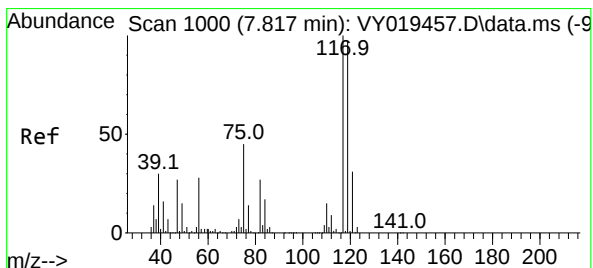
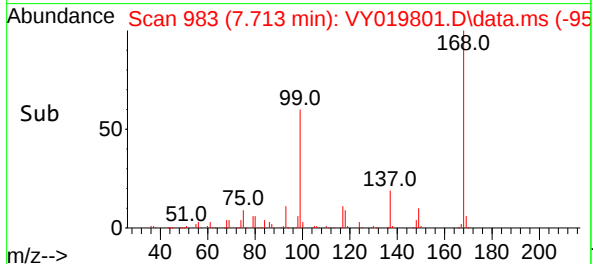
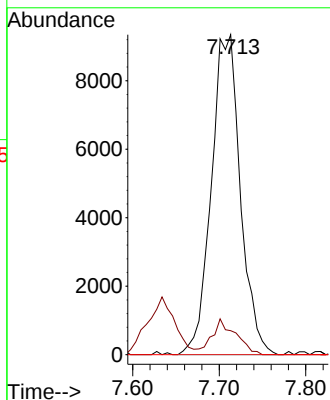
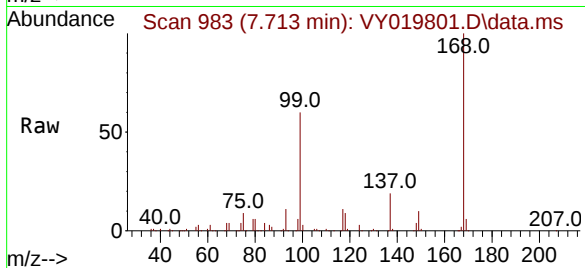
Acq: 04 Oct 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 21746
Ion Ratio	Lower Upper
75 100	
110 9.3	19.0 57.0#
77 0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.417 ug/l

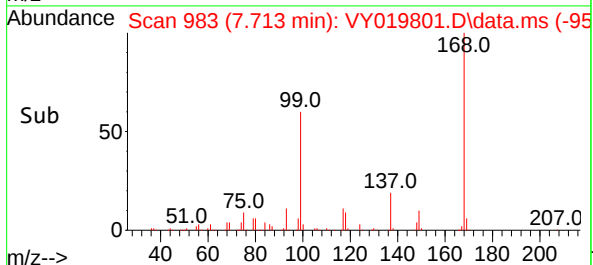
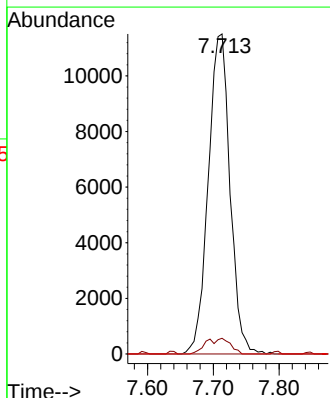
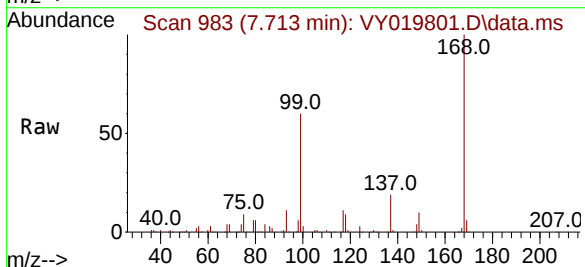
RT: 7.713 min Scan# 983

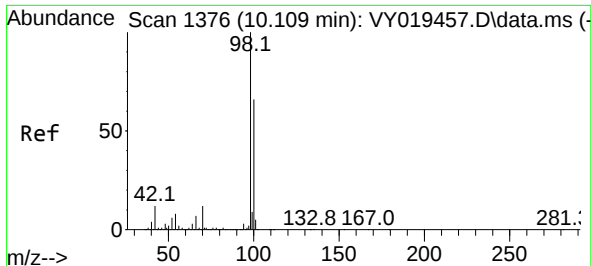
Delta R.T. -0.103 min

Lab File: VY019801.D

Acq: 04 Oct 2024 15:41

Tgt Ion: 117	Resp: 26476
Ion Ratio	Lower Upper
117 100	
119 4.9	75.8 113.6#
121 0.0	24.0 36.0#

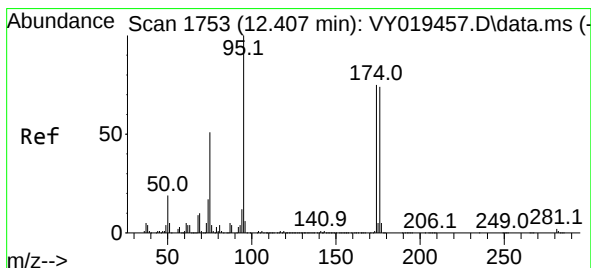
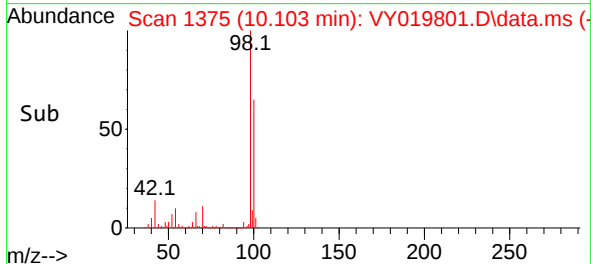
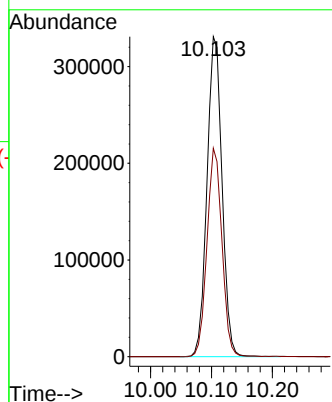
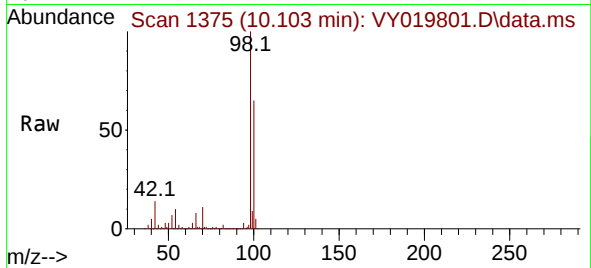




#50
Toluene-d8
Concen: 57.072 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019801.D
Acq: 04 Oct 2024 15:41

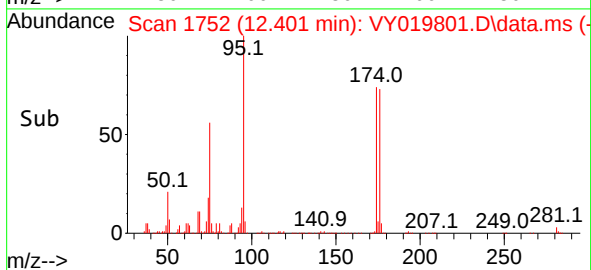
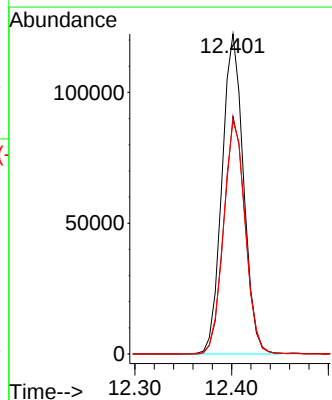
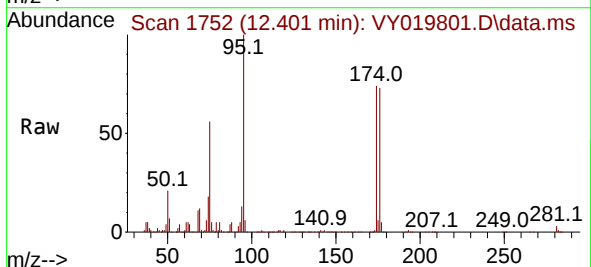
Instrument :
MSVOA_Y
ClientSampleId :

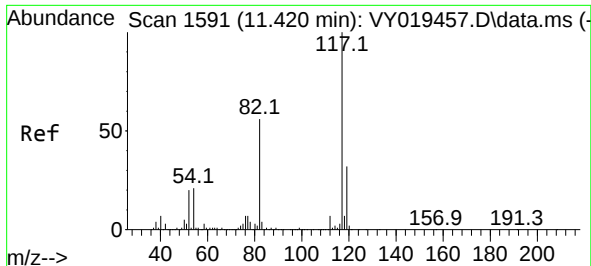
Tgt Ion: 98 Resp: 567637
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.193 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019801.D
Acq: 04 Oct 2024 15:41

Tgt Ion: 95 Resp: 188131
Ion Ratio Lower Upper
95 100
174 73.8 0.0 175.6
176 73.9 0.0 171.4

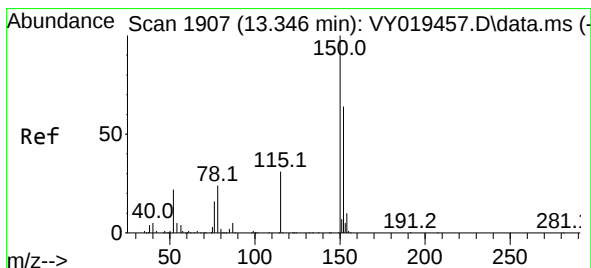
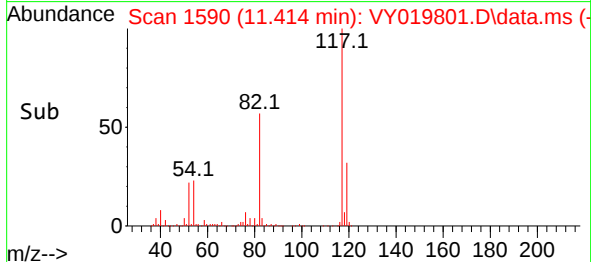
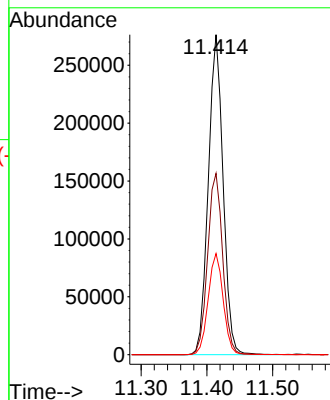
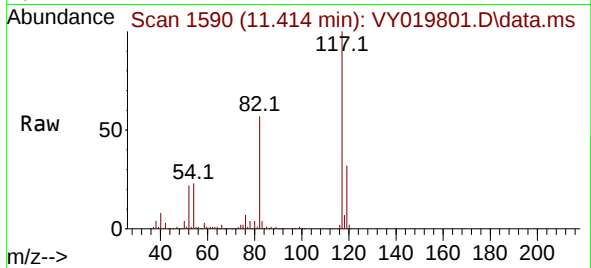




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019801.D
Acq: 04 Oct 2024 15:41

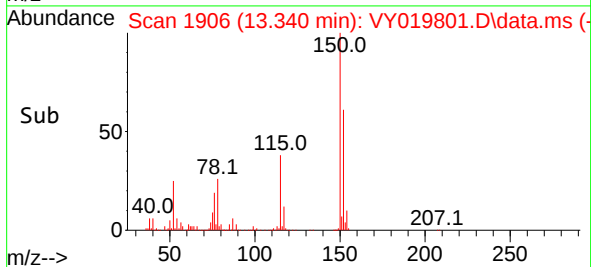
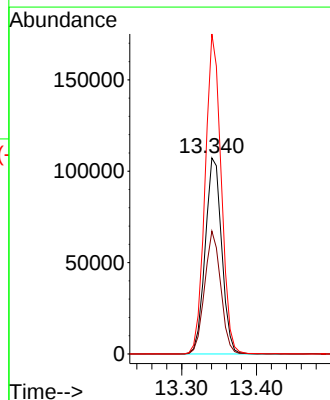
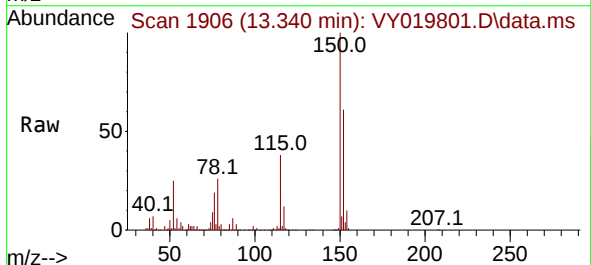
Instrument :
MSVOA_Y
ClientSampleId :

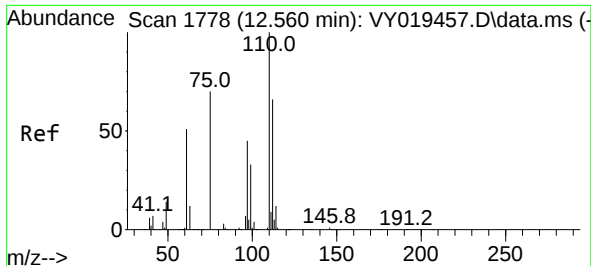
Tgt Ion:117 Resp: 432004
Ion Ratio Lower Upper
117 100
82 56.6 42.4 63.6
119 31.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY019801.D
Acq: 04 Oct 2024 15:41

Tgt Ion:152 Resp: 163893
Ion Ratio Lower Upper
152 100
115 61.2 28.2 84.7
150 159.0 0.0 345.6

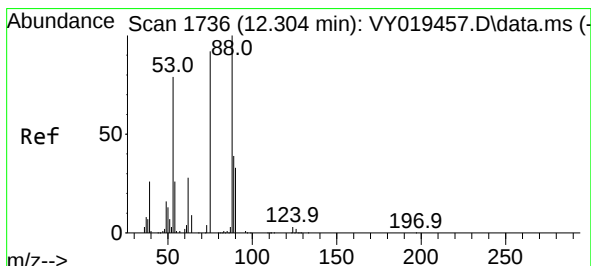
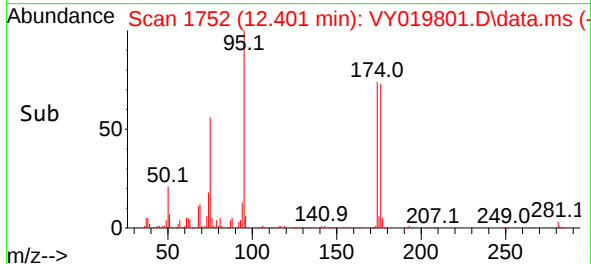
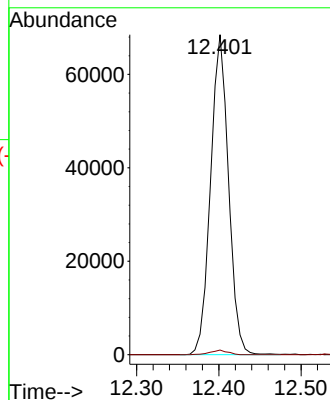
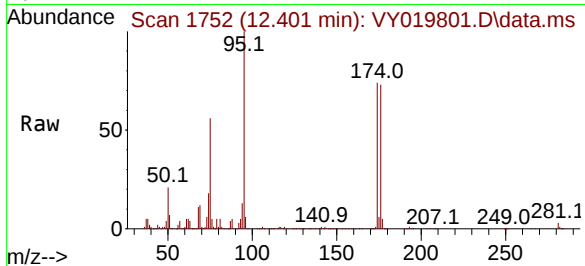




#76
1,2,3-Trichloropropane
Concen: 67.568 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019801.D
Acq: 04 Oct 2024 15:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 103795
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.711 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019801.D
Acq: 04 Oct 2024 15:41

Tgt Ion: 75 Resp: 103795
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#

