

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019605.D
 Acq On : 18 Sep 2024 14:57
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 01:25:39 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	314358	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	603644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	524692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	194685	50.000	ug/l	0.00

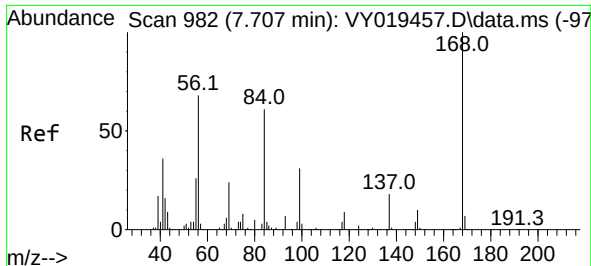
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	173009	59.435	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.880%
35) Dibromofluoromethane	7.634	113	186861	54.597	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.200%
50) Toluene-d8	10.109	98	716347	56.587	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.180%
62) 4-Bromofluorobenzene	12.408	95	227736	46.786	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.580%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.867	85	106	Below Cal	# 43
13) Acrolein	3.659	56	144	Below Cal	94
16) Acetone	3.879	43	1753	2.528	ug/l # 56
20) Methylene Chloride	4.616	84	11043	3.492	ug/l 95
25) 2-Butanone	6.884	43	4025	4.081	ug/l # 66
31) Cyclohexane	7.701	56	7605	1.460	ug/l # 14
36) 1,1-Dichloropropene	7.707	75	28007	6.014	ug/l # 49
38) Carbon Tetrachloride	7.701	117	34012	6.476	ug/l # 16
76) 1,2,3-Trichloropropane	12.408	75	124177	68.051	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.408	75	124177	130.638	ug/l # 16

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

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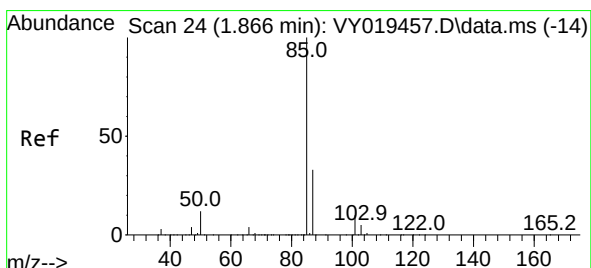
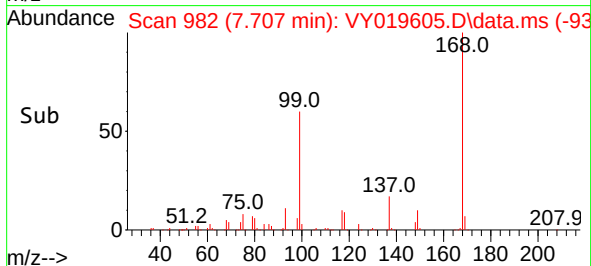
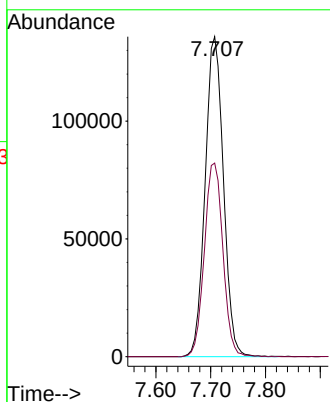
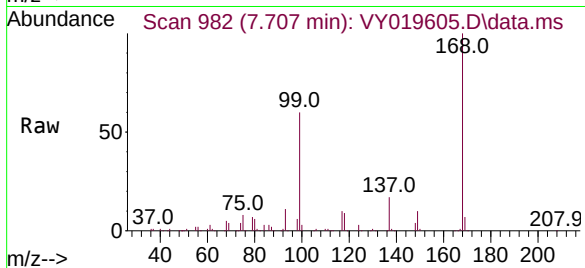




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019605.D
Acq: 18 Sep 2024 14:57

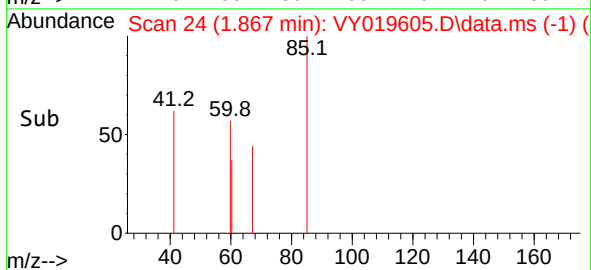
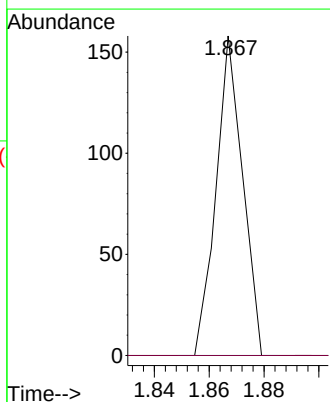
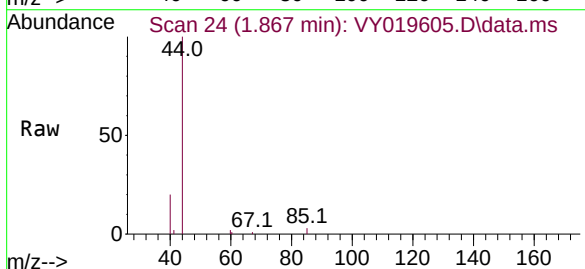
Instrument :
MSVOA_Y
ClientSampleId :

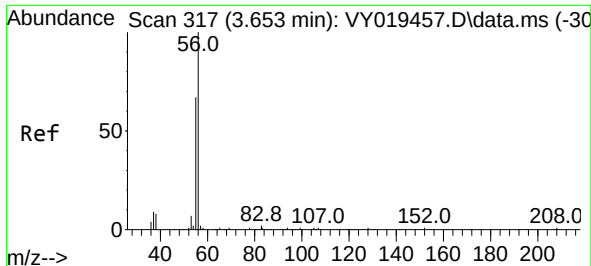
Tgt Ion:168 Resp: 314358
Ion Ratio Lower Upper
168 100
99 60.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019605.D
Acq: 18 Sep 2024 14:57

Tgt Ion: 85 Resp: 106
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#13

Acrolein

Concen: Below Cal

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY019605.D

Acq: 18 Sep 2024 14:57

Instrument :

MSVOA_Y

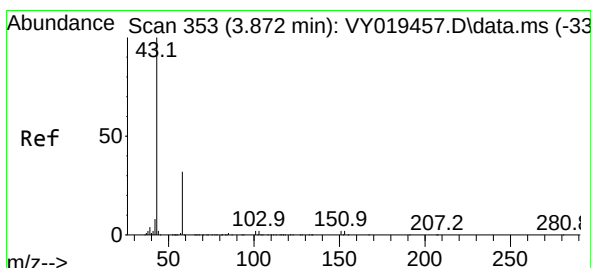
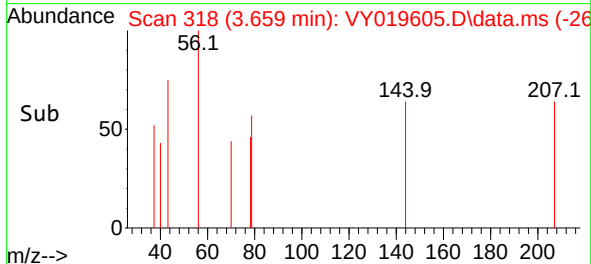
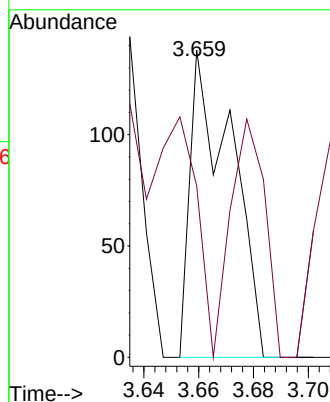
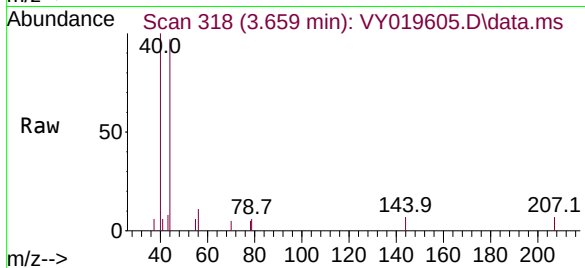
ClientSampleId :

Tgt Ion: 56 Resp: 144

Ion Ratio Lower Upper

56 100

55 64.6 55.7 83.5



#16

Acetone

Concen: 2.528 ug/l

RT: 3.879 min Scan# 354

Delta R.T. 0.006 min

Lab File: VY019605.D

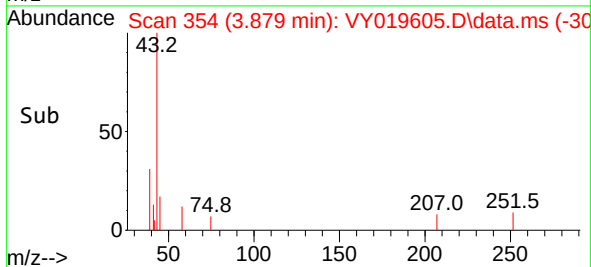
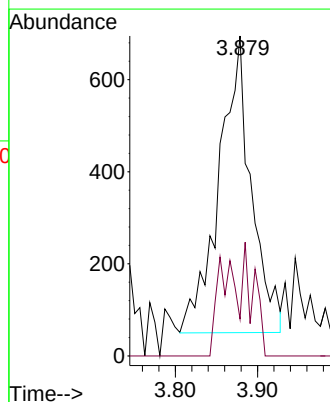
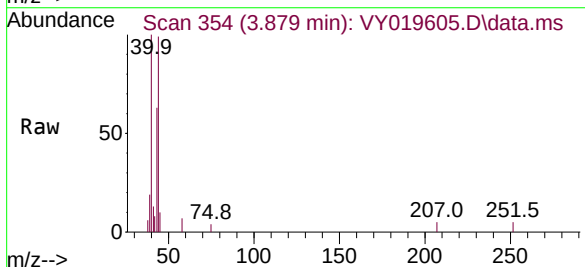
Acq: 18 Sep 2024 14:57

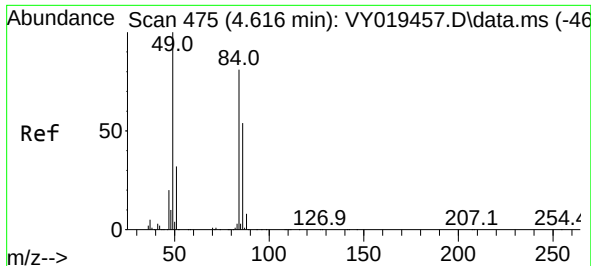
Tgt Ion: 43 Resp: 1753

Ion Ratio Lower Upper

43 100

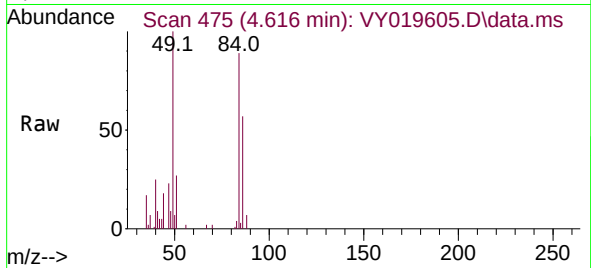
58 12.4 31.7 47.5#



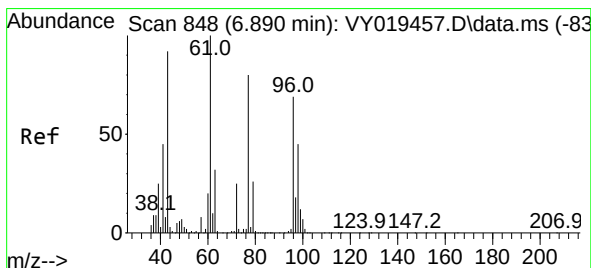
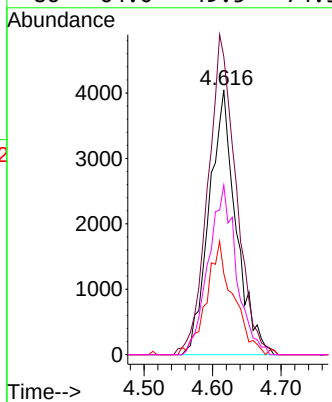
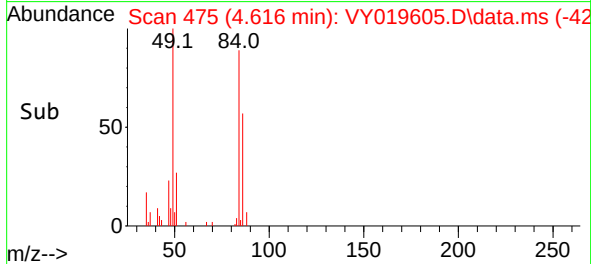


#20
Methylene Chloride
Concen: 3.492 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019605.D
Acq: 18 Sep 2024 14:57

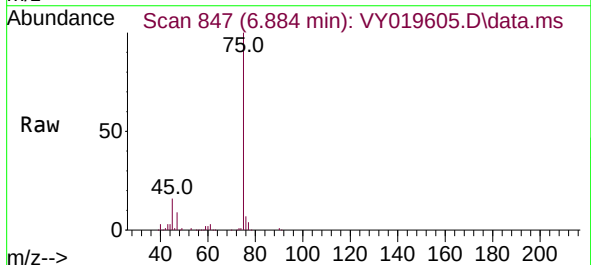
Instrument :
MSVOA_Y
ClientSampleId :



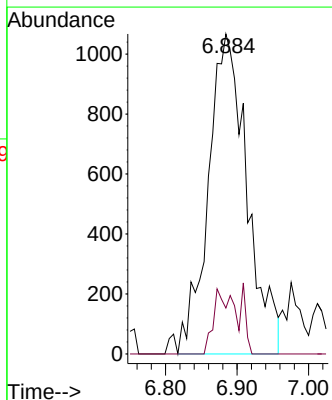
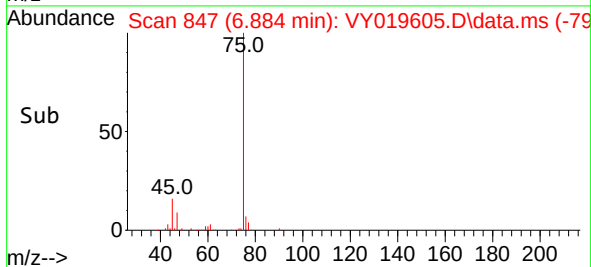
Tgt Ion:	84	Resp:	11043
Ion	Ratio	Lower	Upper
84	100		
49	112.6	84.4	126.6
51	30.6	26.0	39.0
86	64.0	49.5	74.3

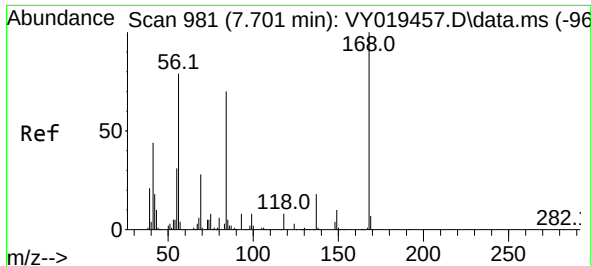


#25
2-Butanone
Concen: 4.081 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY019605.D
Acq: 18 Sep 2024 14:57



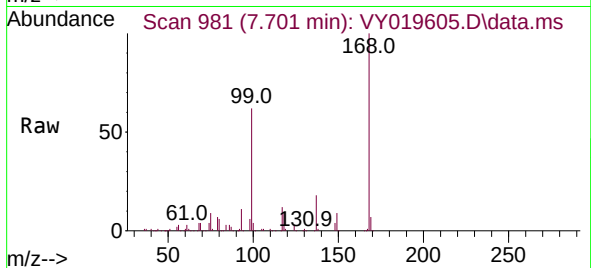
Tgt Ion:	43	Resp:	4025
Ion	Ratio	Lower	Upper
43	100		
72	14.3	27.3	40.9#



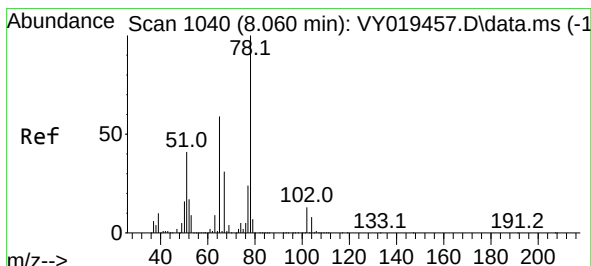
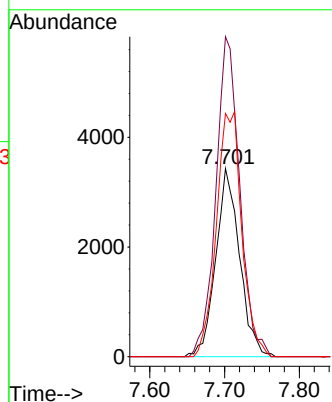
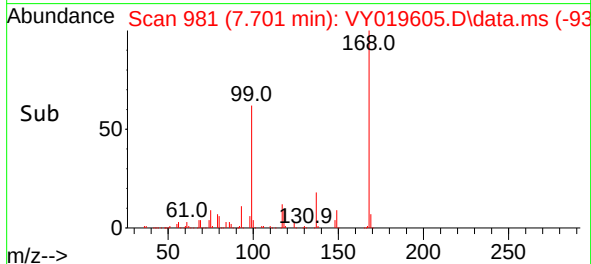


#31
Cyclohexane
Concen: 1.460 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019605.D
Acq: 18 Sep 2024 14:57

Instrument :
MSVOA_Y
ClientSampleId :

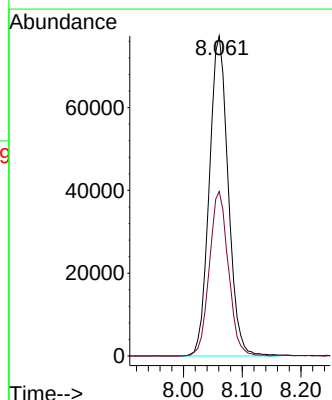
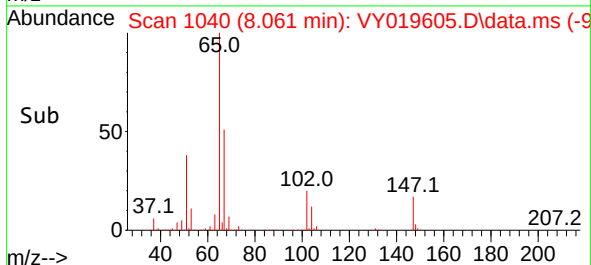
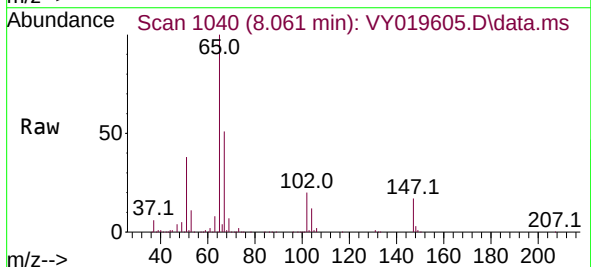


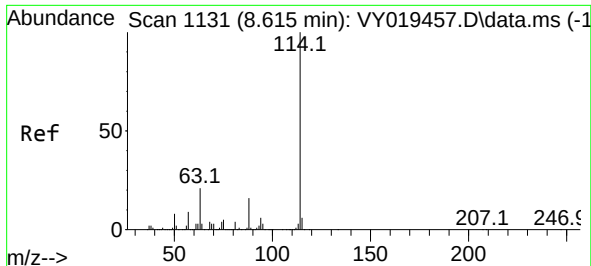
Tgt Ion: 56 Resp: 7605
Ion Ratio Lower Upper
56 100
69 170.1 28.7 43.1#
84 129.3 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 59.435 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019605.D
Acq: 18 Sep 2024 14:57

Tgt Ion: 65 Resp: 173009
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

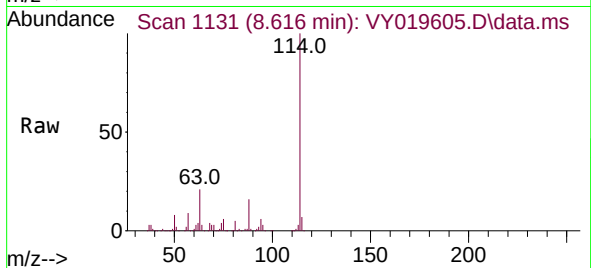
Lab File: VY019605.D

Acq: 18 Sep 2024 14:57

Instrument :

MSVOA_Y

ClientSampleId :



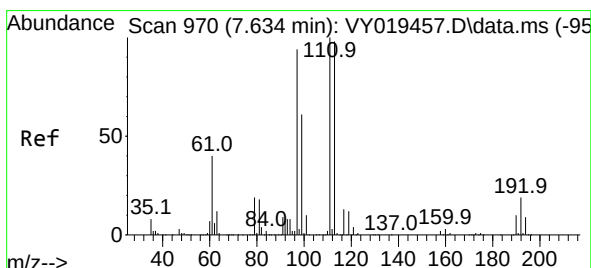
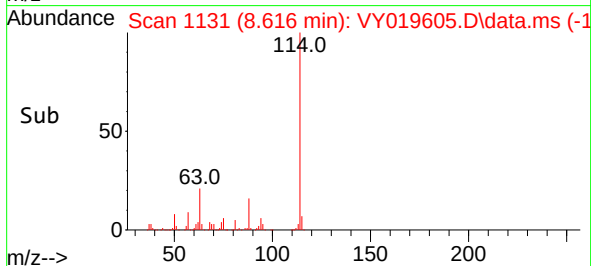
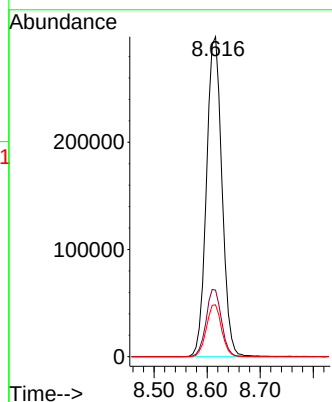
Tgt Ion:114 Resp: 603644

Ion Ratio Lower Upper

114 100

63 20.8 0.0 35.0

88 16.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.597 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019605.D

Acq: 18 Sep 2024 14:57

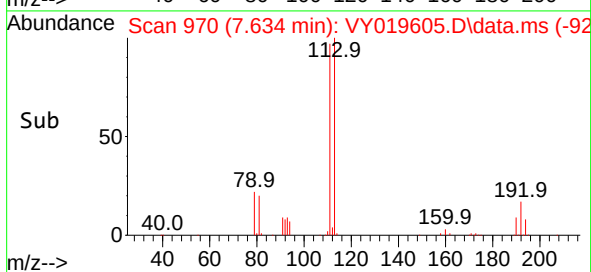
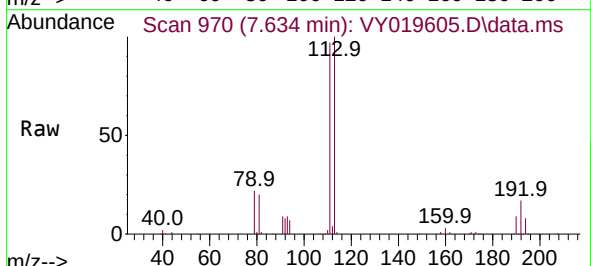
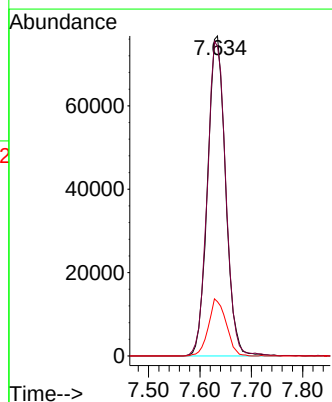
Tgt Ion:113 Resp: 186861

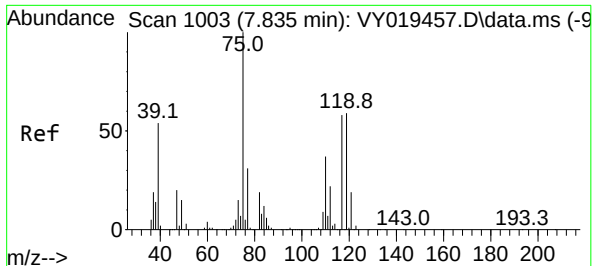
Ion Ratio Lower Upper

113 100

111 100.5 82.2 123.4

192 17.6 15.9 23.9





#36

1,1-Dichloropropene

Concen: 6.014 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY019605.D

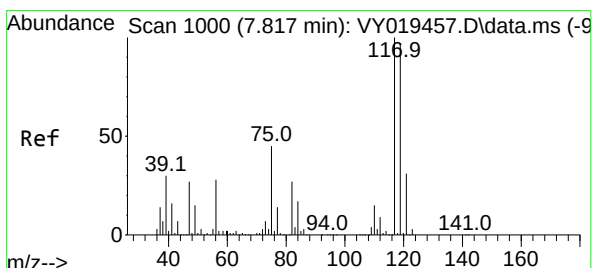
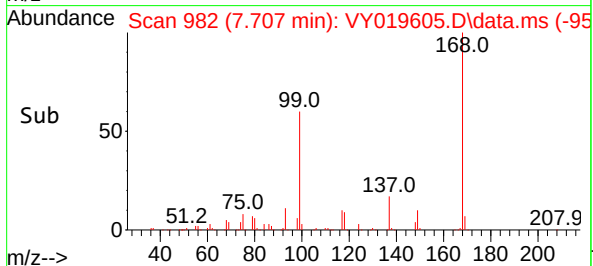
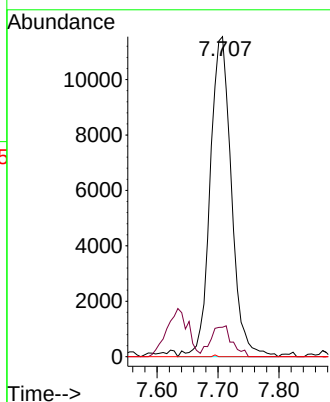
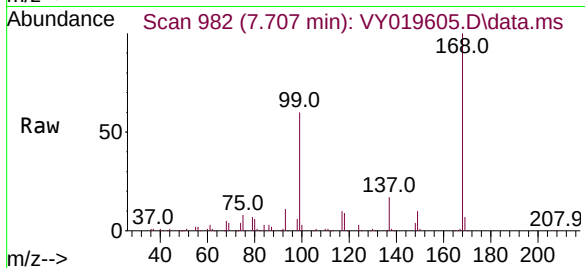
Acq: 18 Sep 2024 14:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	28007
Ion Ratio	Lower	Upper	
75	100		
110	9.6	19.0	57.0#
77	0.1	25.3	37.9#



#38

Carbon Tetrachloride

Concen: 6.476 ug/l

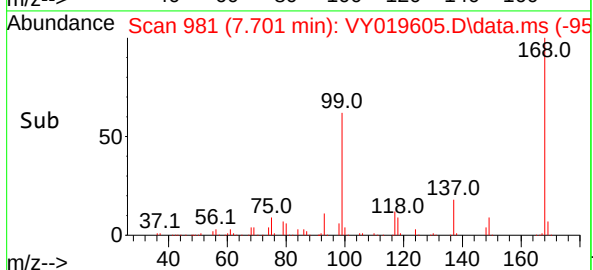
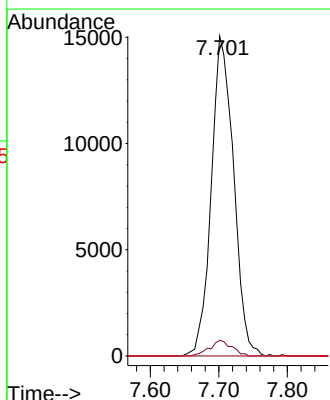
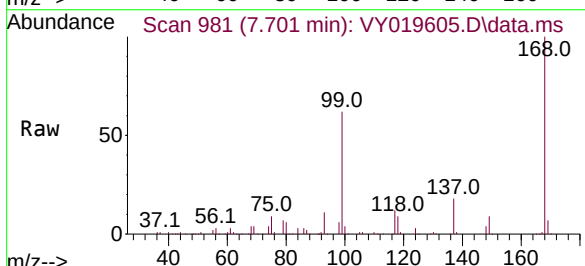
RT: 7.701 min Scan# 981

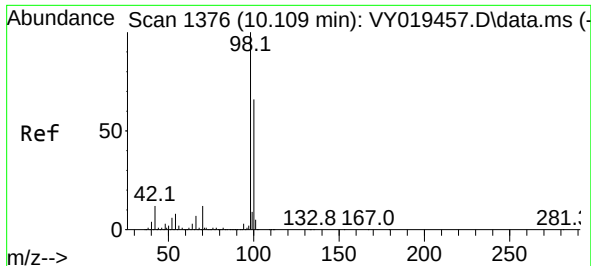
Delta R.T. -0.115 min

Lab File: VY019605.D

Acq: 18 Sep 2024 14:57

Tgt Ion:	117	Resp:	34012
Ion Ratio	Lower	Upper	
117	100		
119	4.9	75.8	113.6#
121	0.0	24.0	36.0#

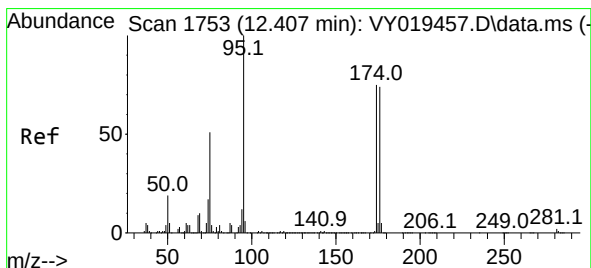
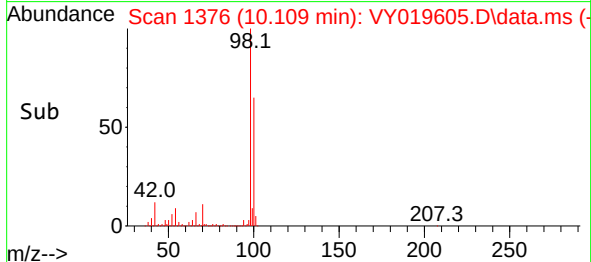
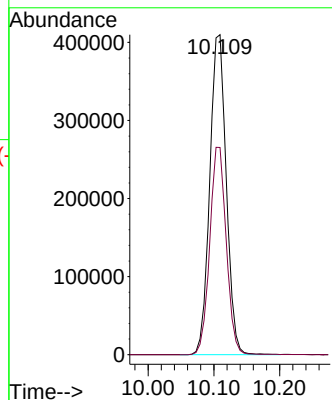
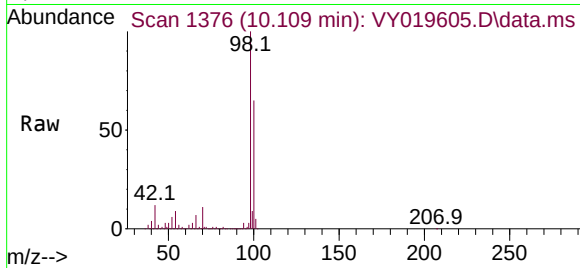




#50
Toluene-d8
Concen: 56.587 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019605.D
Acq: 18 Sep 2024 14:57

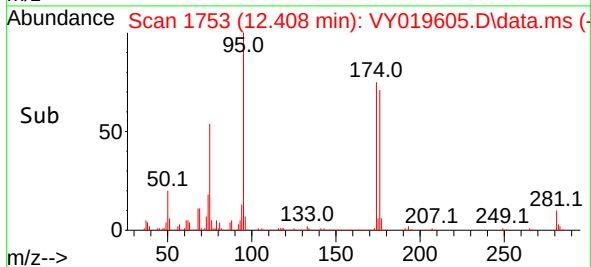
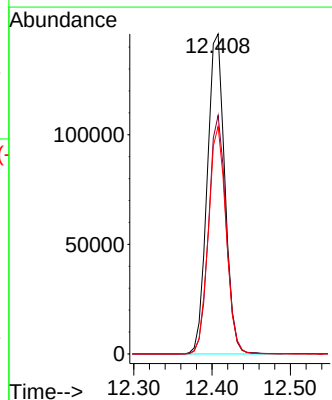
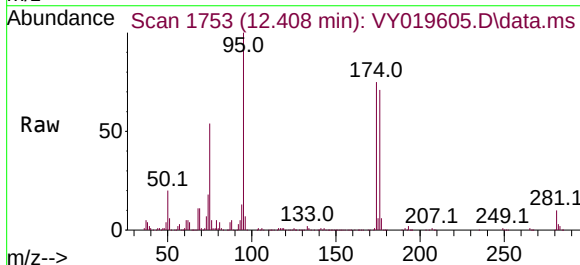
Instrument :
MSVOA_Y
ClientSampleId :

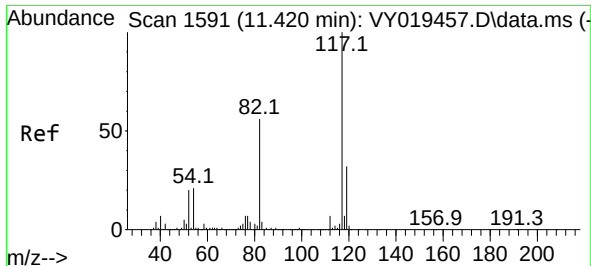
Tgt Ion: 98 Resp: 716347
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.786 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019605.D
Acq: 18 Sep 2024 14:57

Tgt Ion: 95 Resp: 227736
Ion Ratio Lower Upper
95 100
174 73.8 0.0 175.6
176 71.3 0.0 171.4

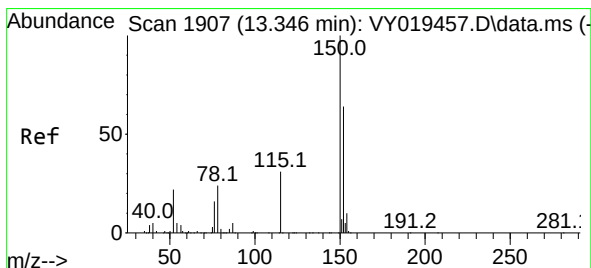
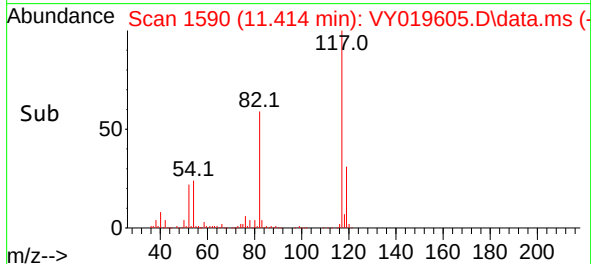
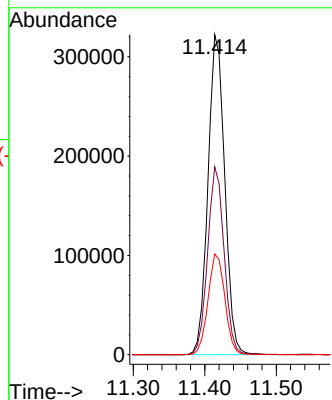
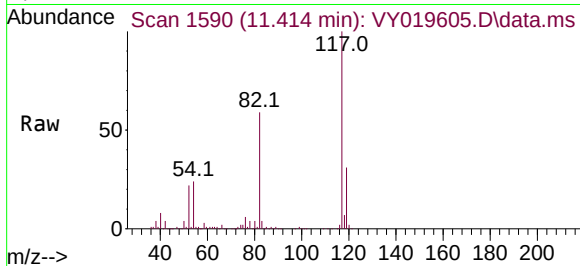




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY019605.D
Acq: 18 Sep 2024 14:57

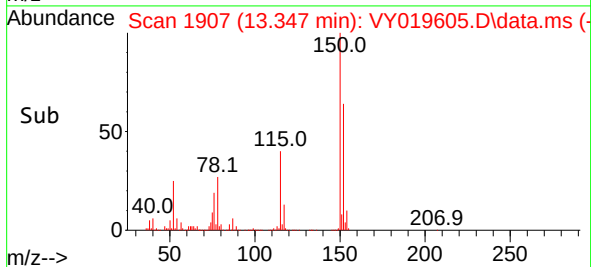
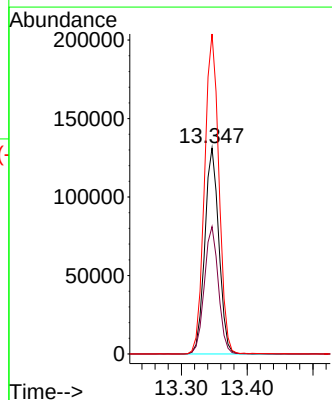
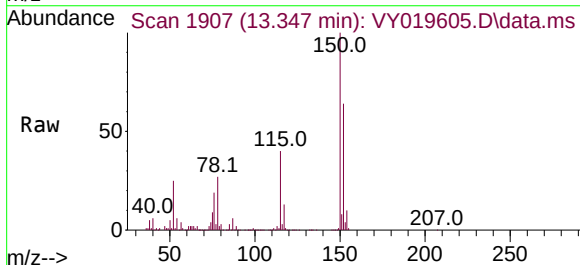
Instrument :
MSVOA_Y
ClientSampleId :

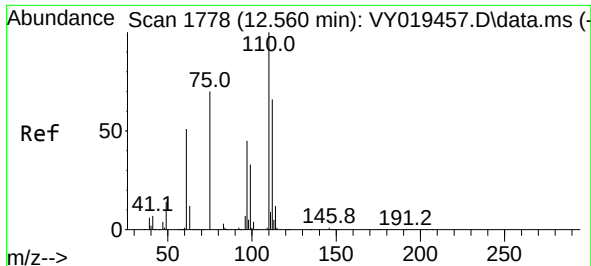
Tgt Ion:117 Resp: 524692
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019605.D
Acq: 18 Sep 2024 14:57

Tgt Ion:152 Resp: 194685
Ion Ratio Lower Upper
152 100
115 62.0 28.2 84.7
150 159.2 0.0 345.6

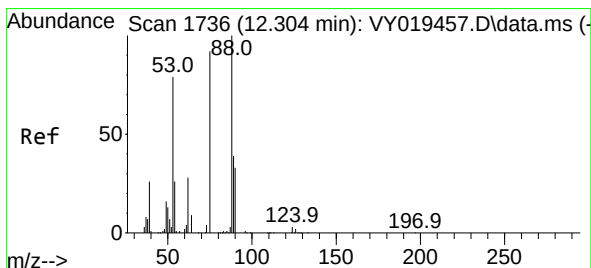
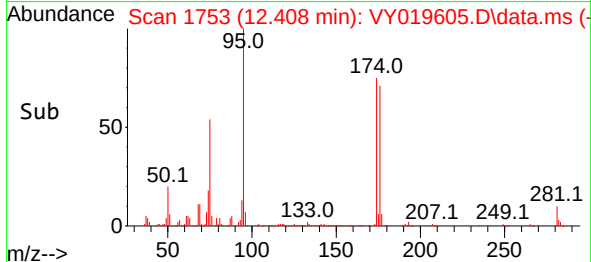
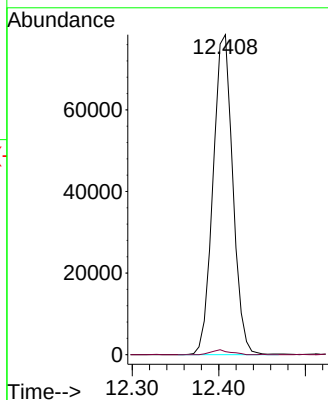
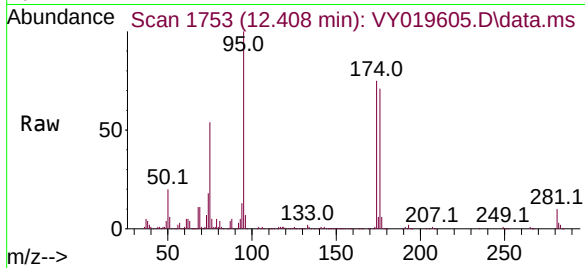




#76
1,2,3-Trichloropropane
Concen: 68.051 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019605.D
Acq: 18 Sep 2024 14:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 124177
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.638 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019605.D
Acq: 18 Sep 2024 14:57

Tgt Ion: 75 Resp: 124177
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.3 35.8 53.6#

