

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091724\
 Data File : VY019583.D
 Acq On : 17 Sep 2024 14:15
 Operator : SY/MD
 Sample : P4015-02
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 18 01:32:38 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)

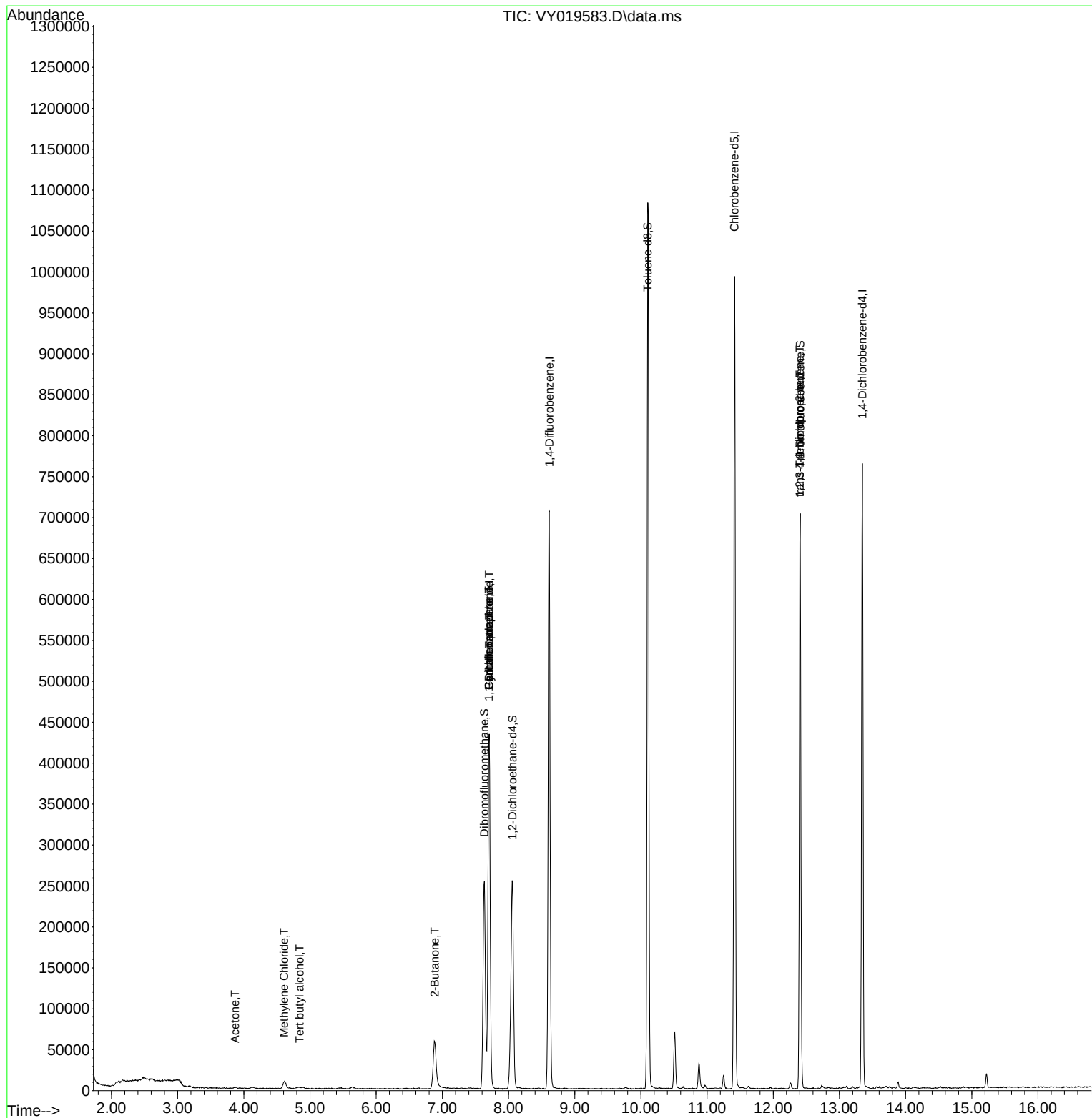
Internal Standards						
1) Pentafluorobenzene	7.707	168	324290	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	600693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	512802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	185320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	177048	58.960	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.920%	
35) Dibromofluoromethane	7.634	113	184402	54.143	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.280%	
50) Toluene-d8	10.103	98	703229	55.824	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.640%	
62) 4-Bromofluorobenzene	12.408	95	217279	44.857	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 89.720%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	106	Below Cal	#	43
11) Tert butyl alcohol	4.842	59	296	1.221	ug/l #	30
13) Acrolein	3.635	56	87	Below Cal	#	1
16) Acetone	3.867	43	1999	2.794	ug/l #	69
20) Methylene Chloride	4.610	84	5915	1.813	ug/l #	84
25) 2-Butanone	6.884	43	4501	4.424	ug/l #	60
31) Cyclohexane	7.707	56	8006	1.490	ug/l #	34
36) 1,1-Dichloropropene	7.701	75	29737	6.417	ug/l #	47
38) Carbon Tetrachloride	7.707	117	35604	6.813	ug/l #	17
76) 1,2,3-Trichloropropane	12.402	75	119060	68.544	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	119060	131.585	ug/l #	16

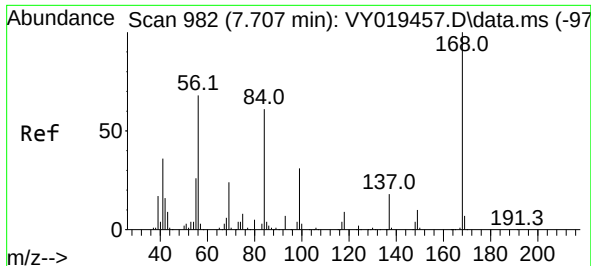
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 18 01:32:38 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

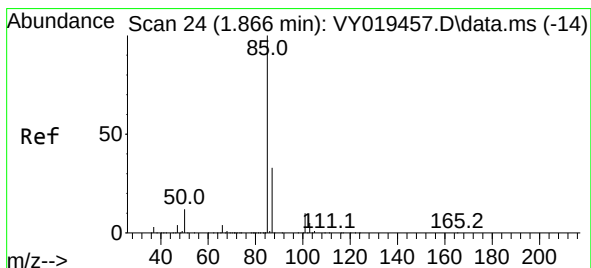
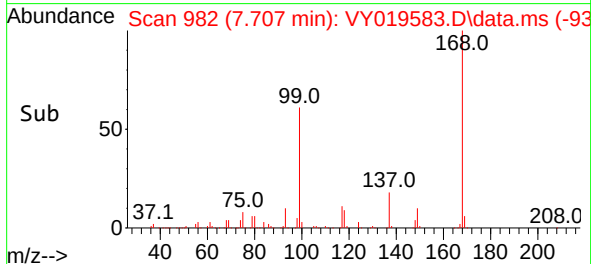
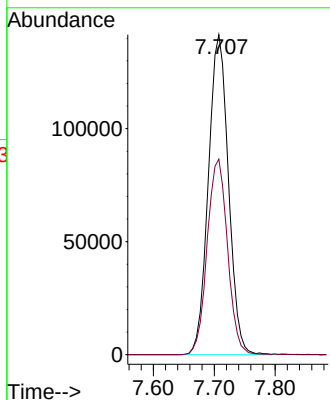
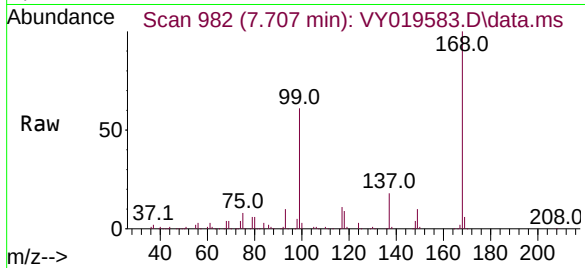




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019583.D
Acq: 17 Sep 2024 14:15

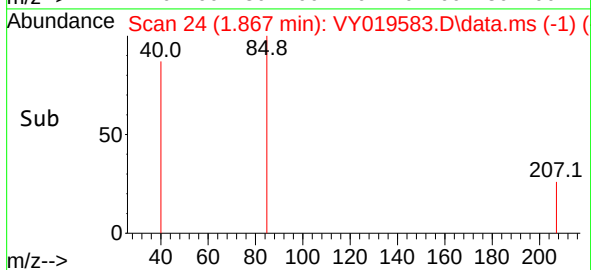
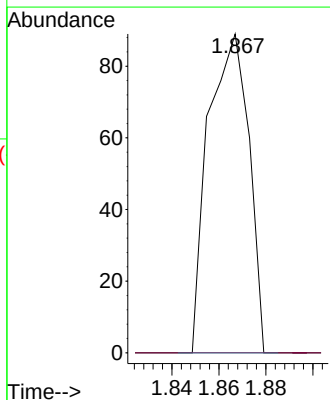
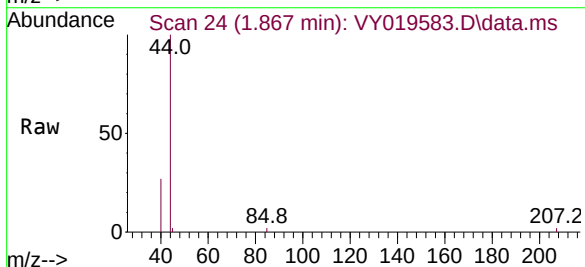
Instrument :
MSVOA_Y
ClientSampleId :

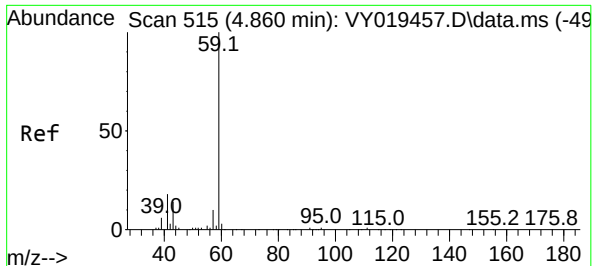
Tgt Ion:168 Resp: 324290
Ion Ratio Lower Upper
168 100
99 61.1 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019583.D
Acq: 17 Sep 2024 14:15

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





#11

Tert butyl alcohol

Concen: 1.221 ug/l

RT: 4.842 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY019583.D

Acq: 17 Sep 2024 14:15

Instrument :

MSVOA_Y

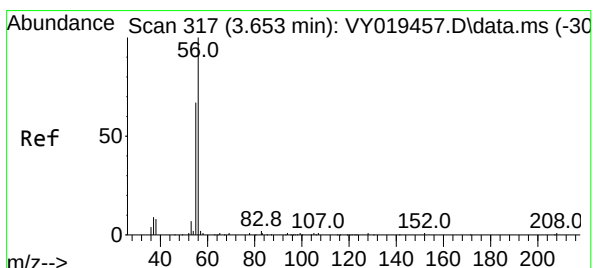
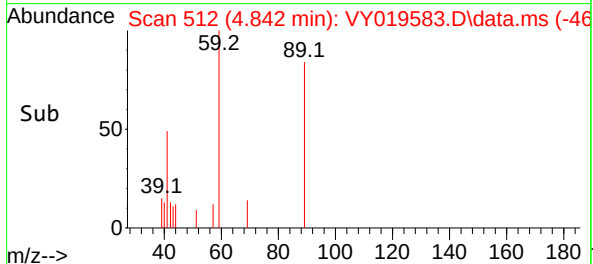
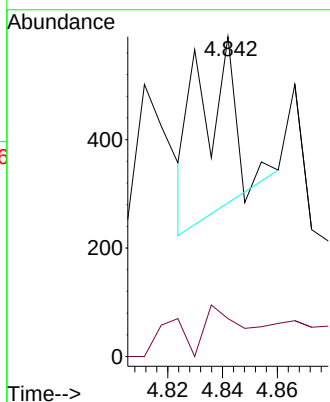
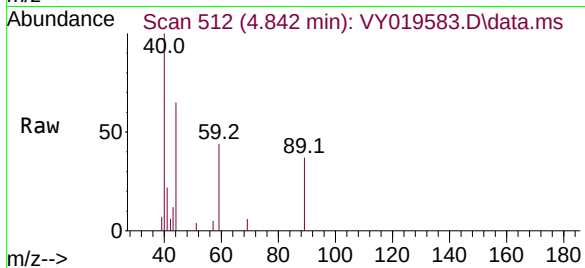
ClientSampleId :

Tgt Ion: 59 Resp: 296

Ion Ratio Lower Upper

59 100

57 26.7 3.0 4.6#



#13

Acrolein

Concen: Below Cal

RT: 3.635 min Scan# 314

Delta R.T. -0.018 min

Lab File: VY019583.D

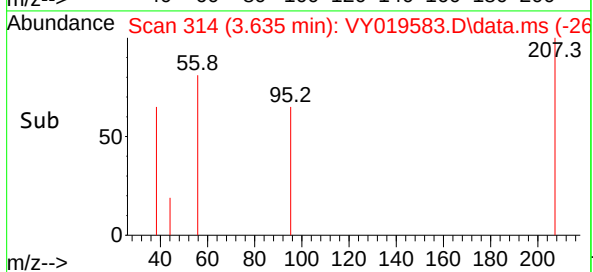
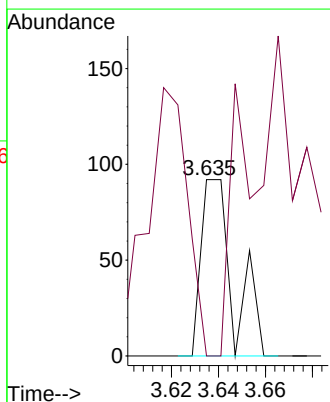
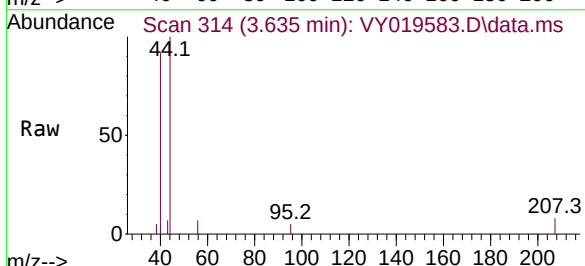
Acq: 17 Sep 2024 14:15

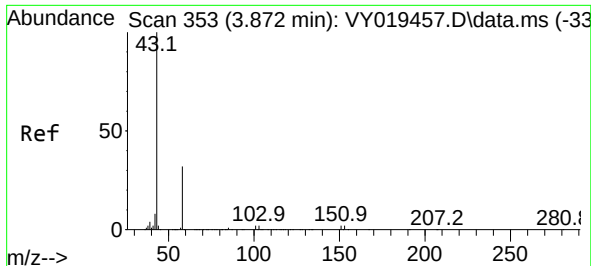
Tgt Ion: 56 Resp: 87

Ion Ratio Lower Upper

56 100

55 193.1 55.7 83.5#

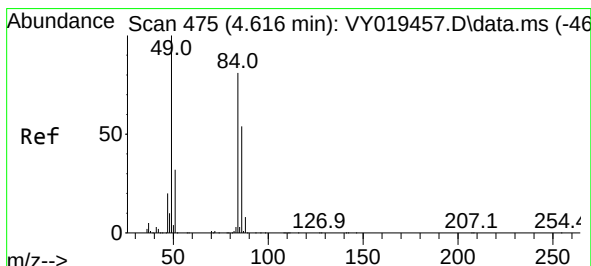
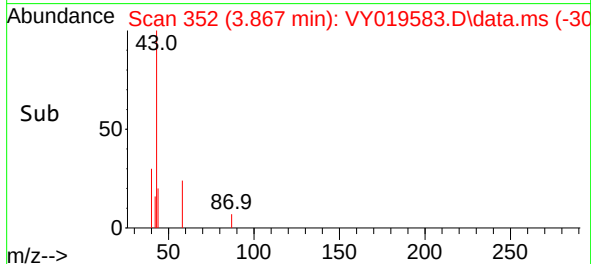
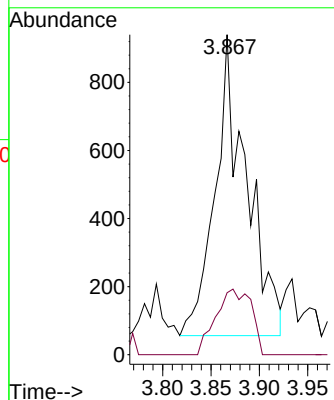
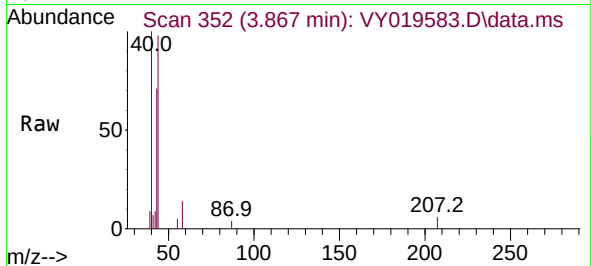




#16
Acetone
Concen: 2.794 ug/l
RT: 3.867 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY019583.D
Acq: 17 Sep 2024 14:15

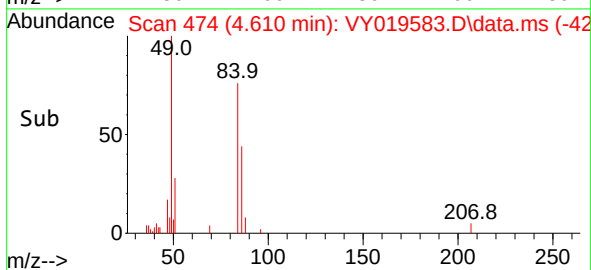
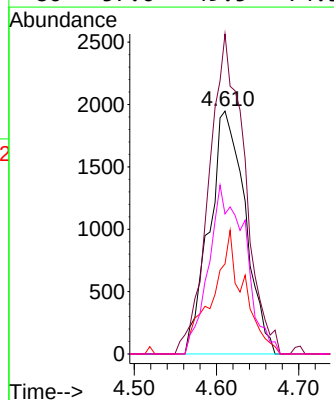
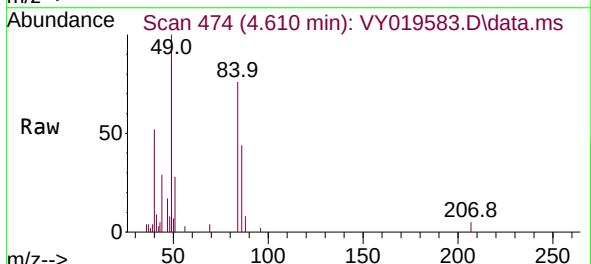
Instrument :
MSVOA_Y
ClientSampleId :

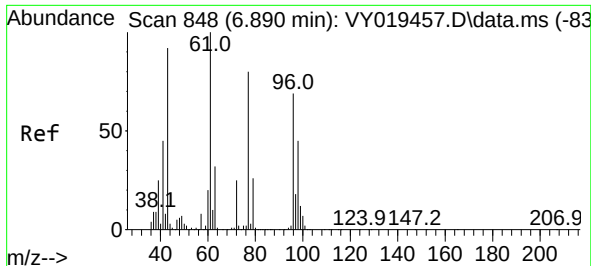
Tgt Ion: 43 Resp: 1999
Ion Ratio Lower Upper
43 100
58 20.6 31.7 47.5#



#20
Methylene Chloride
Concen: 1.813 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019583.D
Acq: 17 Sep 2024 14:15

Tgt Ion: 84 Resp: 5915
Ion Ratio Lower Upper
84 100
49 131.7 84.4 126.6#
51 37.1 26.0 39.0
86 57.6 49.5 74.3





#25

2-Butanone

Concen: 4.424 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.006 min

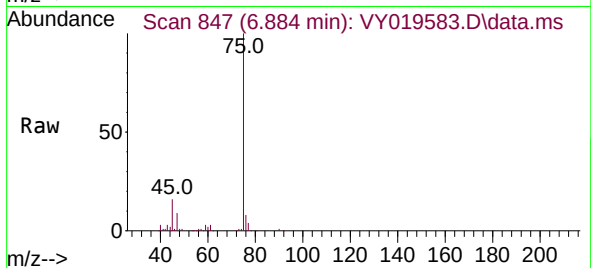
Lab File: VY019583.D

Acq: 17 Sep 2024 14:15

Instrument :

MSVOA_Y

ClientSampleId :

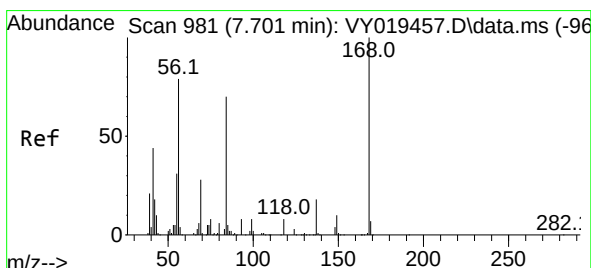
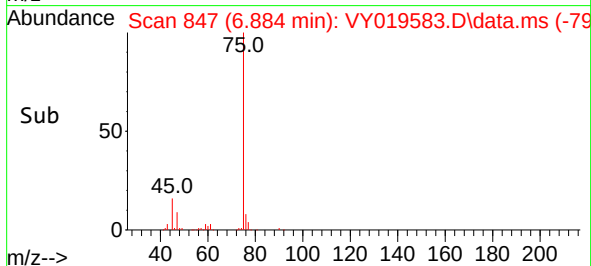
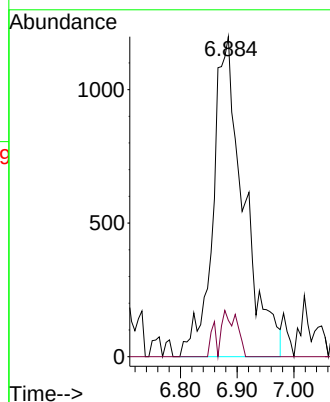


Tgt Ion: 43 Resp: 4501

Ion Ratio Lower Upper

43 100

72 11.4 27.3 40.9#



#31

Cyclohexane

Concen: 1.490 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.007 min

Lab File: VY019583.D

Acq: 17 Sep 2024 14:15

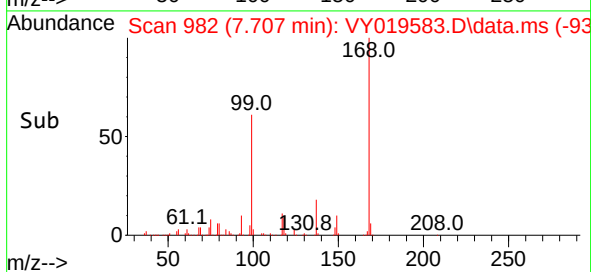
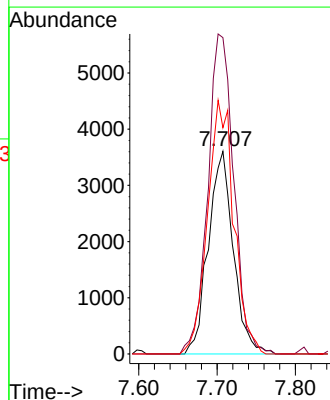
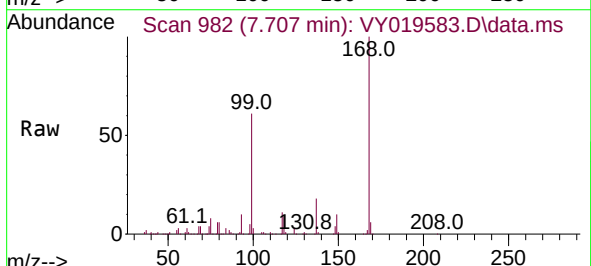
Tgt Ion: 56 Resp: 8006

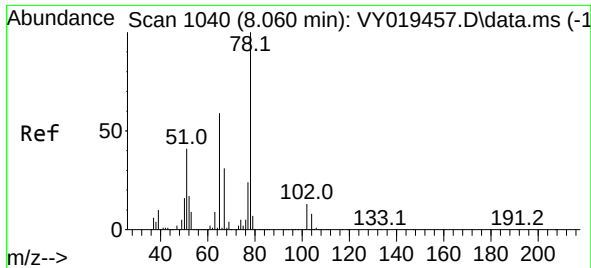
Ion Ratio Lower Upper

56 100

69 156.1 28.7 43.1#

84 111.6 77.7 116.5

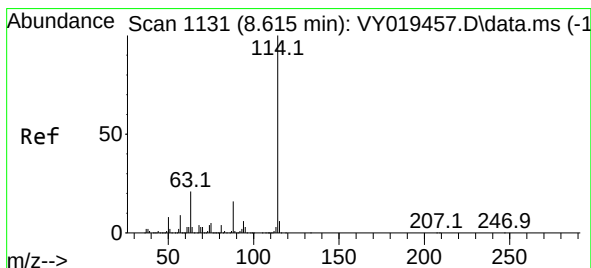
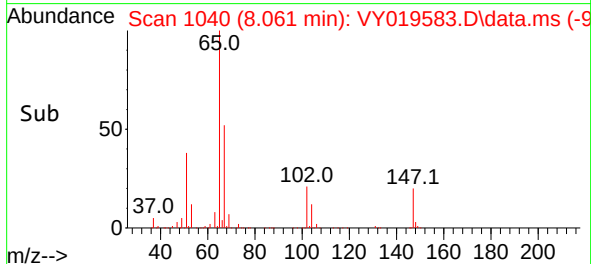
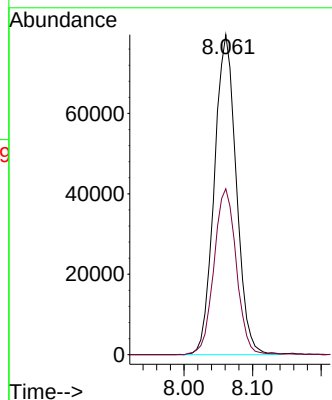
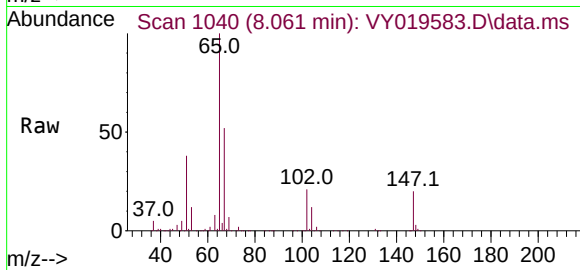




#33
 1,2-Dichloroethane-d4
 Concen: 58.960 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY019583.D
 Acq: 17 Sep 2024 14:15

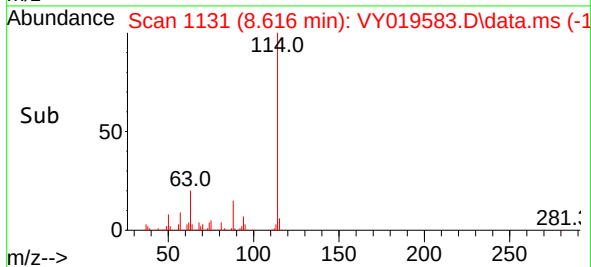
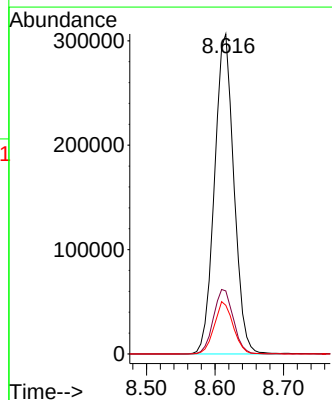
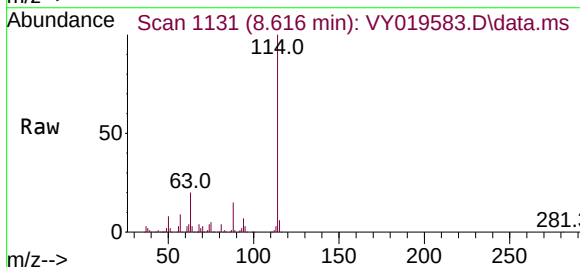
Instrument :
 MSVOA_Y
 ClientSampleId :

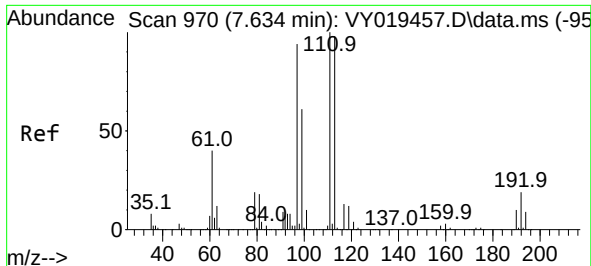
Tgt Ion: 65 Resp: 177048
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY019583.D
 Acq: 17 Sep 2024 14:15

Tgt Ion:114 Resp: 600693
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 35.0
 88 15.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 54.143 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY019583.D

Acq: 17 Sep 2024 14:15

Instrument :

MSVOA_Y

ClientSampleId :

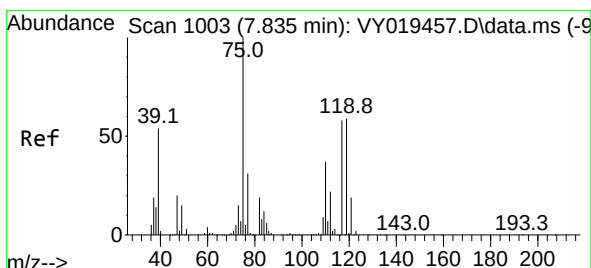
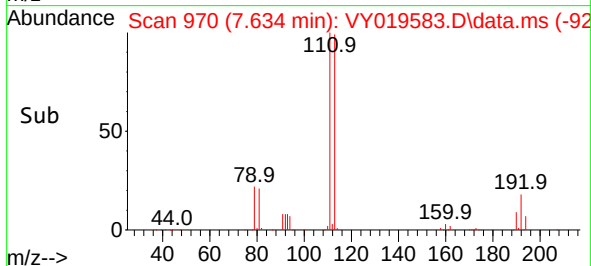
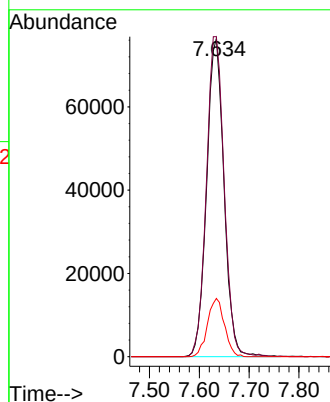
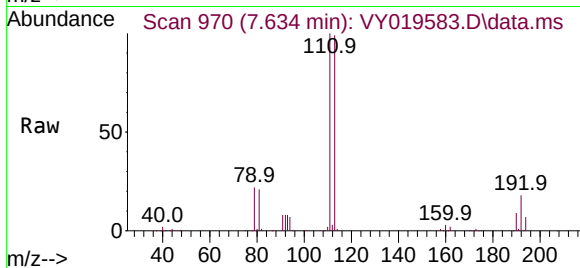
Tgt Ion:113 Resp: 184402

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 18.0 15.9 23.9



#36

1,1-Dichloropropene

Concen: 6.417 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.134 min

Lab File: VY019583.D

Acq: 17 Sep 2024 14:15

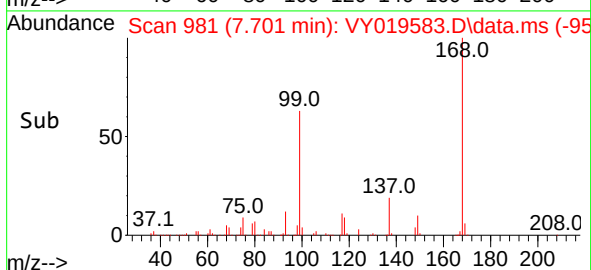
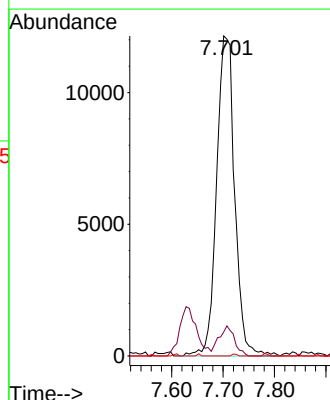
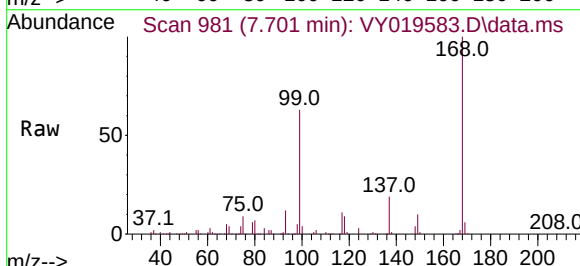
Tgt Ion: 75 Resp: 29737

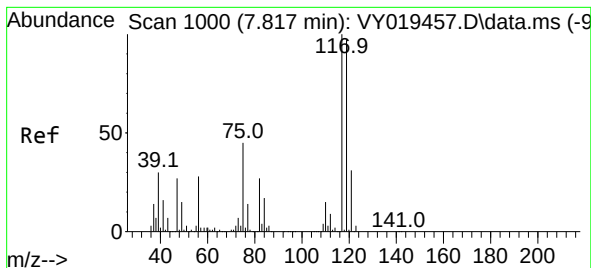
Ion Ratio Lower Upper

75 100

110 8.1 19.0 57.0#

77 0.2 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.813 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.109 min

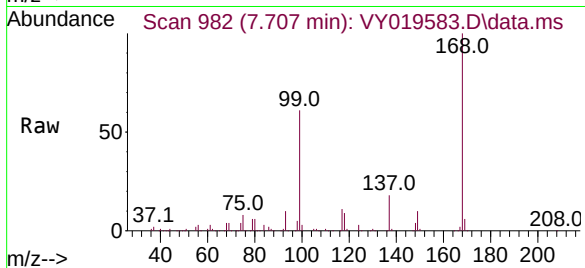
Lab File: VY019583.D

Acq: 17 Sep 2024 14:15

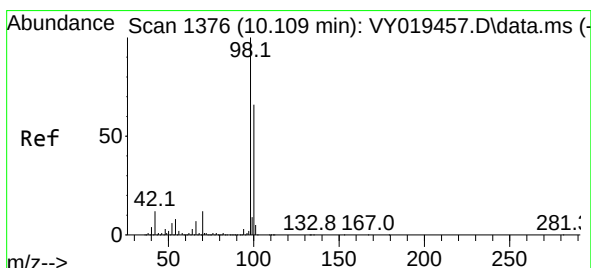
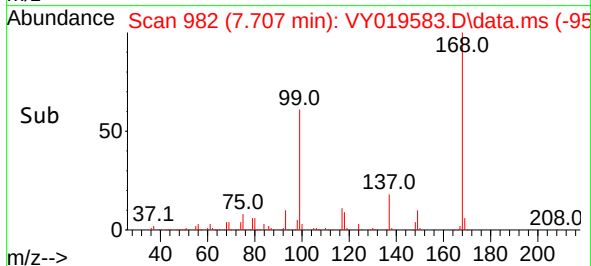
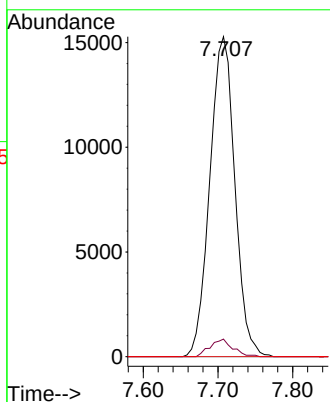
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:117	Resp:	35604
Ion	Ratio	Lower Upper
117	100	
119	5.5	75.8 113.6#
121	0.0	24.0 36.0#



#50

Toluene-d8

Concen: 55.824 ug/l

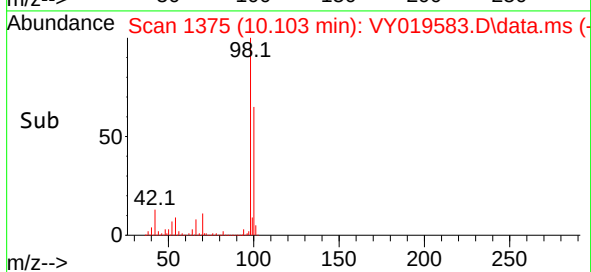
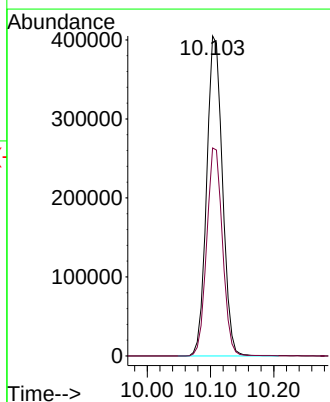
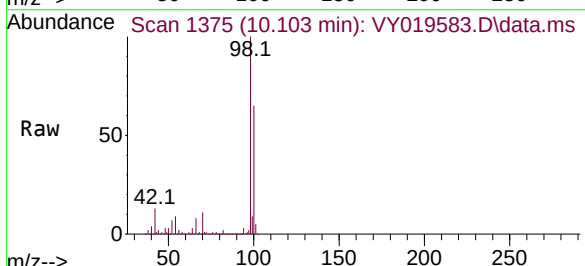
RT: 10.103 min Scan# 1375

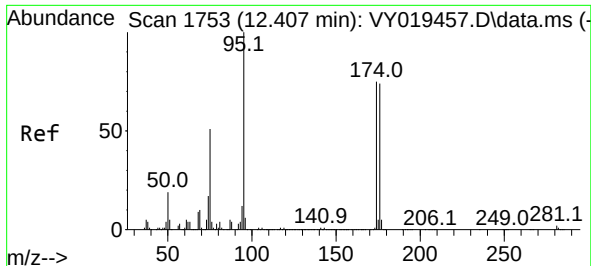
Delta R.T. -0.006 min

Lab File: VY019583.D

Acq: 17 Sep 2024 14:15

Tgt Ion: 98	Resp:	703229
Ion	Ratio	Lower Upper
98	100	
100	65.1	52.0 78.0

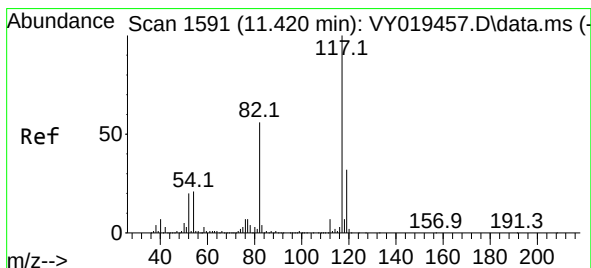
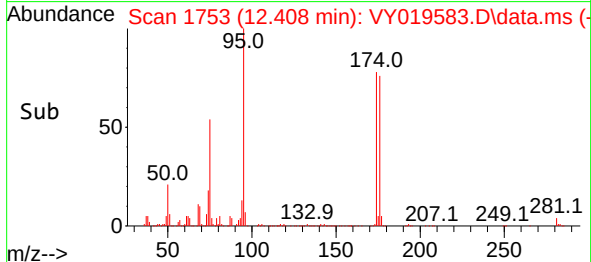
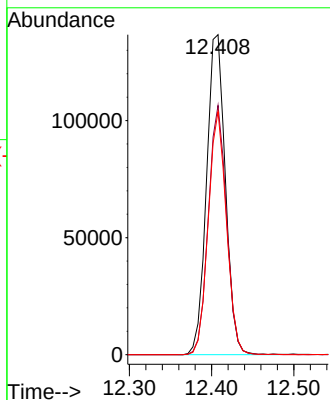
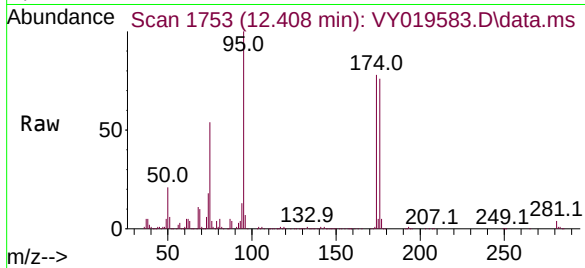




#62
4-Bromofluorobenzene
Concen: 44.857 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019583.D
Acq: 17 Sep 2024 14:15

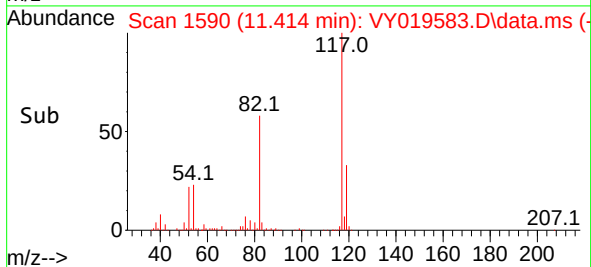
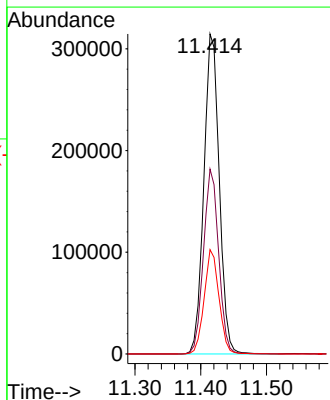
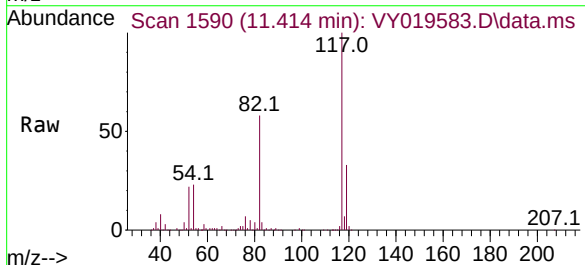
Instrument :
MSVOA_Y
ClientSampleId :

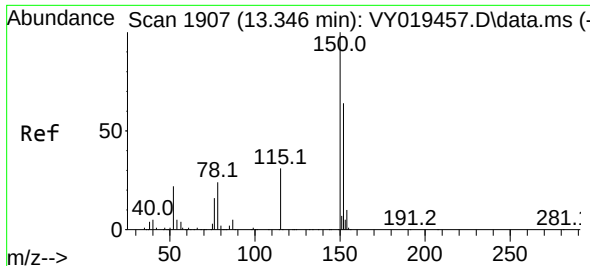
Tgt Ion: 95 Resp: 217279
Ion Ratio Lower Upper
95 100
174 75.2 0.0 175.6
176 73.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019583.D
Acq: 17 Sep 2024 14:15

Tgt Ion: 117 Resp: 512802
Ion Ratio Lower Upper
117 100
82 57.8 42.4 63.6
119 32.6 25.9 38.9

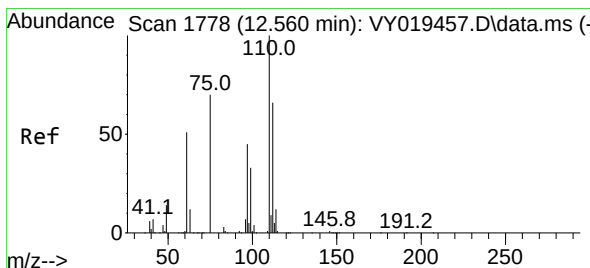
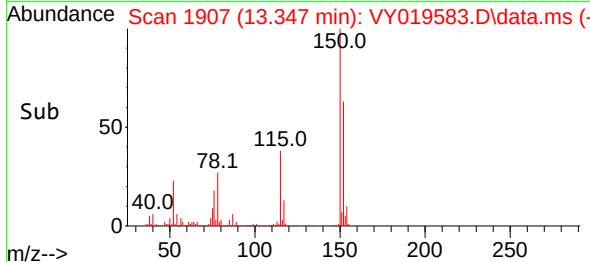
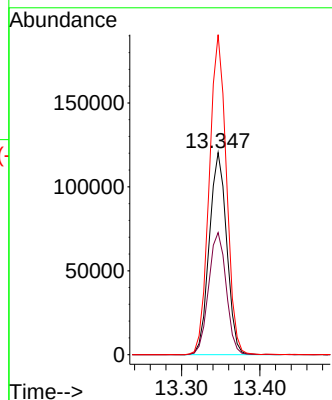
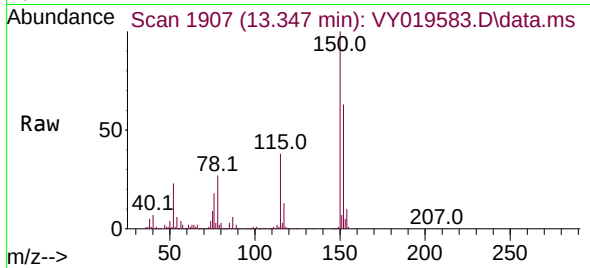




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019583.D
 Acq: 17 Sep 2024 14:15

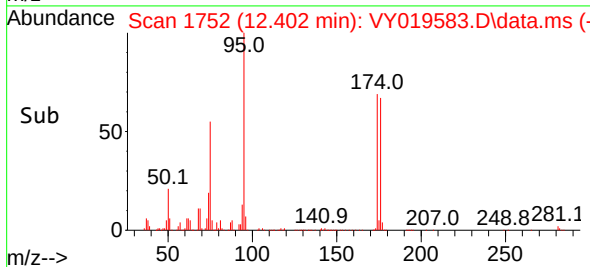
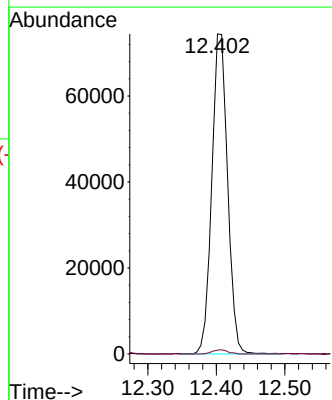
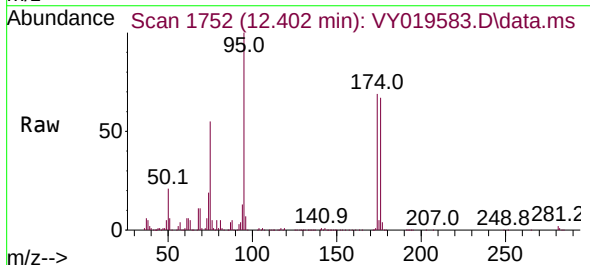
Instrument :
 MSVOA_Y
 ClientSampleId :

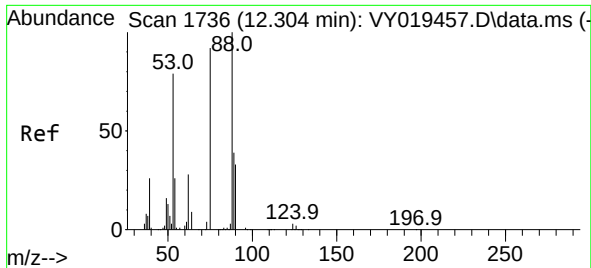
Tgt Ion:152 Resp: 185320
 Ion Ratio Lower Upper
 152 100
 115 61.2 28.2 84.7
 150 156.3 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 68.544 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. -0.158 min
 Lab File: VY019583.D
 Acq: 17 Sep 2024 14:15

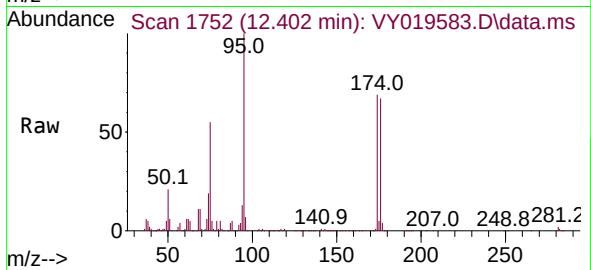
Tgt Ion: 75 Resp: 119060
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.585 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019583.D
 Acq: 17 Sep 2024 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 119060
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

