

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091924\
 Data File : VY019628.D
 Acq On : 19 Sep 2024 12:51
 Operator : SY/MD
 Sample : P4088-15
 Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 20 01:28:01 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

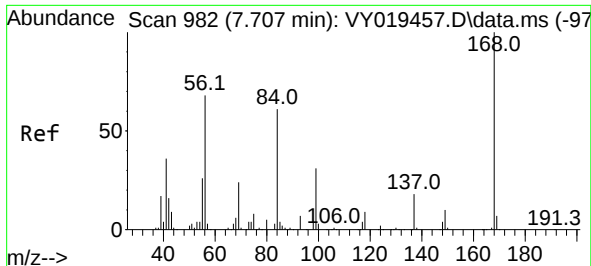
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	314344	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	609347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	532221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	182131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	192232	66.042	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.080%	
35) Dibromofluoromethane	7.628	113	196927	57.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.000%	
50) Toluene-d8	10.103	98	720958	56.418	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.840%	
62) 4-Bromofluorobenzene	12.408	95	217465	44.258	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 88.520%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	81	Below Cal	#	43
11) Tert butyl alcohol	4.854	59	2251	9.576	ug/l	100
13) Acrolein	3.647	56	448	Below Cal	#	15
16) Acetone	3.867	43	88713	127.931	ug/l	# 85
17) Carbon Disulfide	4.104	76	8457	1.122	ug/l	98
20) Methylene Chloride	4.616	84	17013	5.380	ug/l	95
25) 2-Butanone	6.890	43	34451	34.931	ug/l	# 84
31) Cyclohexane	7.707	56	8559	1.643	ug/l	# 24
36) 1,1-Dichloropropene	7.701	75	28202	5.999	ug/l	# 48
37) Ethyl Acetate	6.890	43	34451	14.303	ug/l	# 82
38) Carbon Tetrachloride	7.707	117	33356	6.292	ug/l	# 16
76) 1,2,3-Trichloropropane	12.402	75	121199	70.997	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	121199	136.294	ug/l	# 16

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

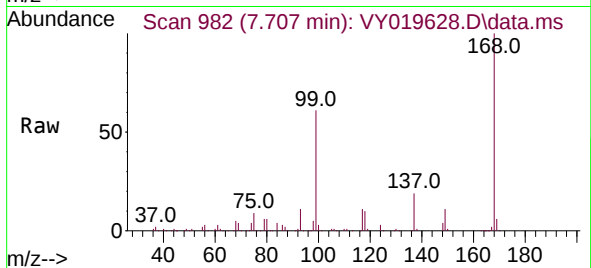
Quant Time: Sep 20 01:28:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration



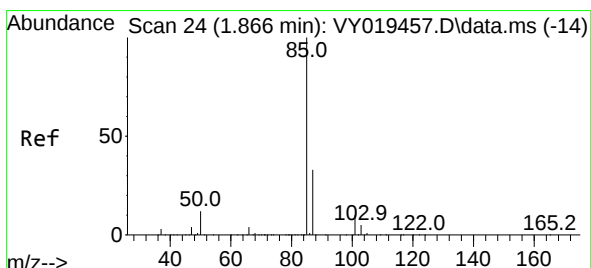
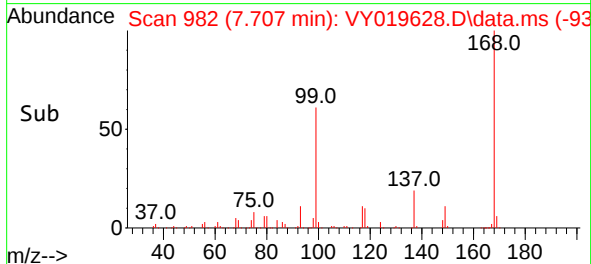
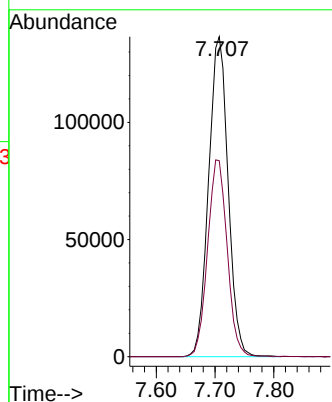


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019628.D
Acq: 19 Sep 2024 12:51

Instrument :
MSVOA_Y
ClientSampleId :

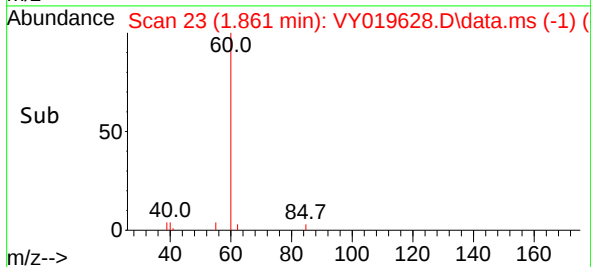
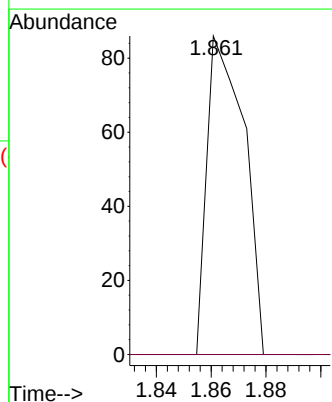
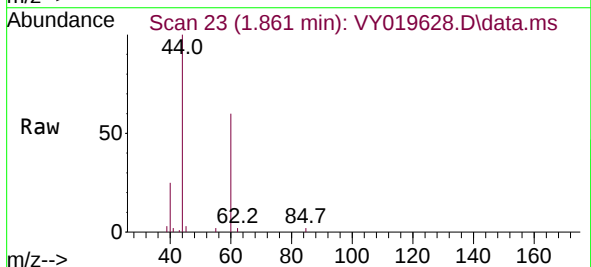


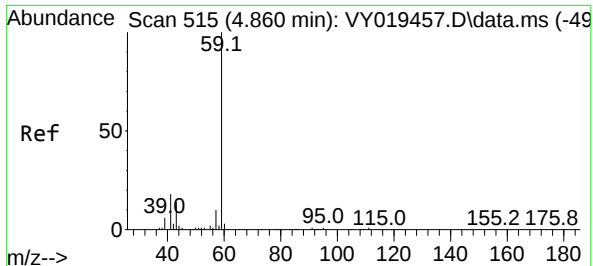
Tgt Ion:168 Resp: 314344
Ion Ratio Lower Upper
168 100
99 61.3 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019628.D
Acq: 19 Sep 2024 12:51

Tgt Ion: 85 Resp: 81
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#11

Tert butyl alcohol

Concen: 9.576 ug/l

RT: 4.854 min Scan# 51

Delta R.T. -0.006 min

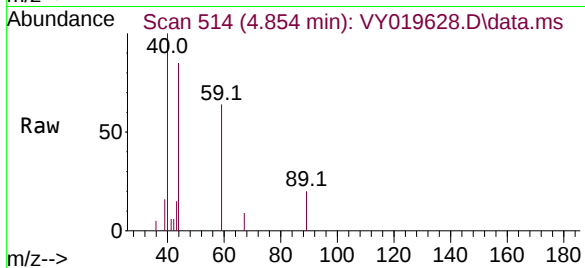
Lab File: VY019628.D

Acq: 19 Sep 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

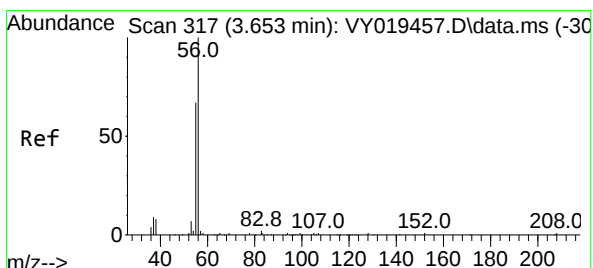
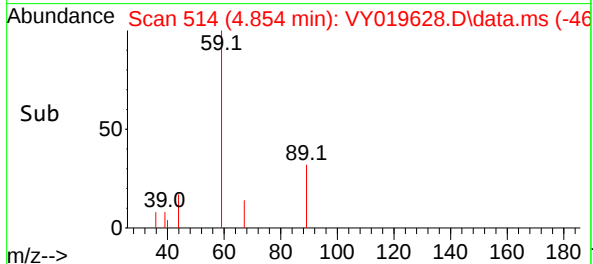
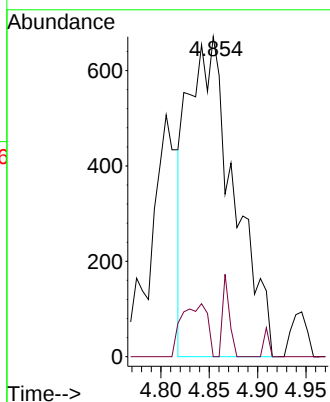


Tgt Ion: 59 Resp: 2251

Ion Ratio Lower Upper

59 100

57 3.8 3.0 4.6



#13

Acrolein

Concen: Below Cal

RT: 3.647 min Scan# 316

Delta R.T. -0.006 min

Lab File: VY019628.D

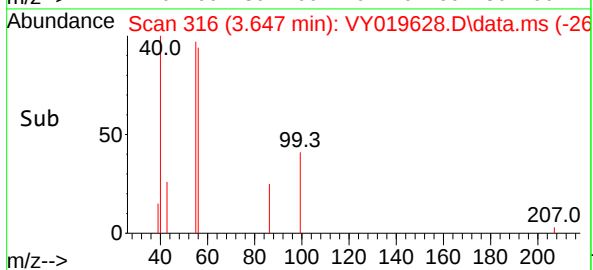
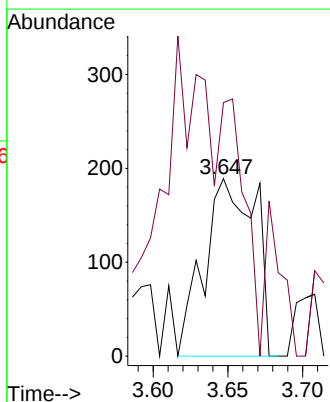
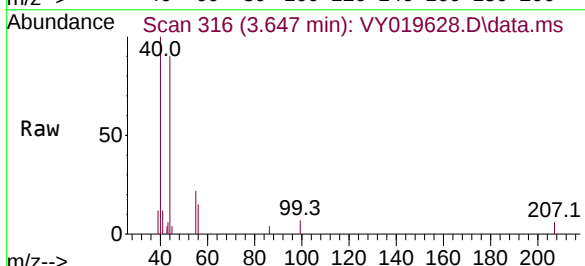
Acq: 19 Sep 2024 12:51

Tgt Ion: 56 Resp: 448

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#

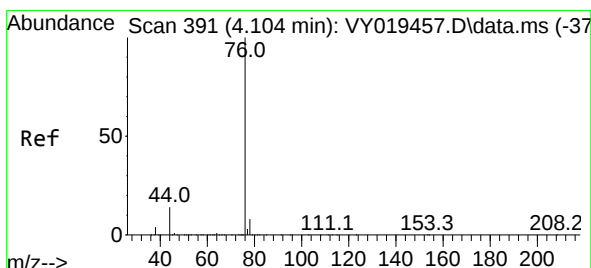
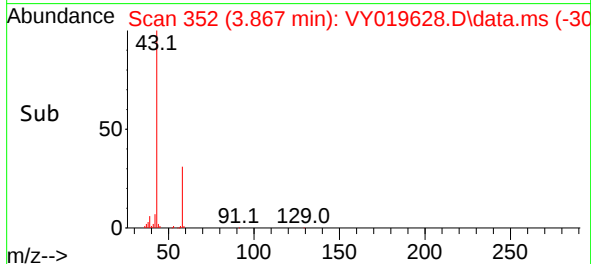
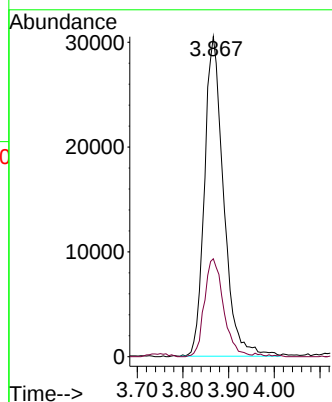
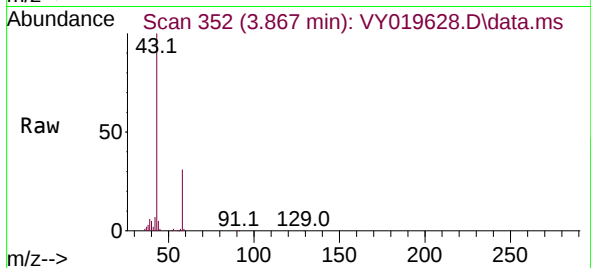




#16
Acetone
Concen: 127.931 ug/l
RT: 3.867 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY019628.D
Acq: 19 Sep 2024 12:51

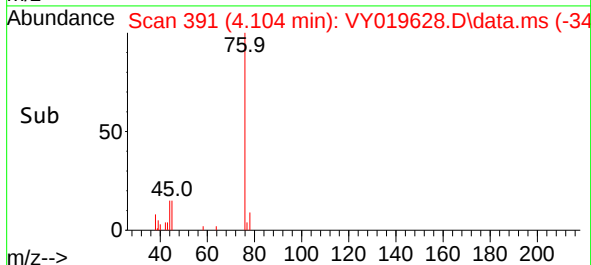
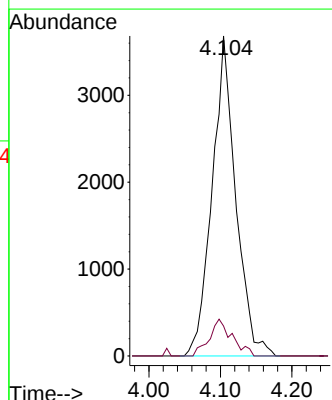
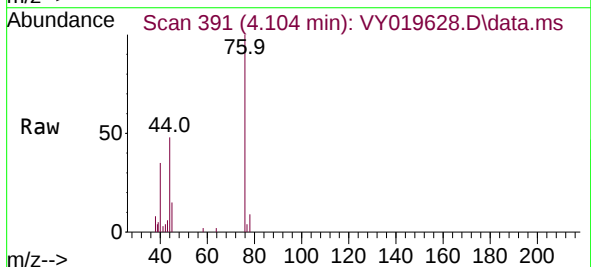
Instrument :
MSVOA_Y
ClientSampleId :

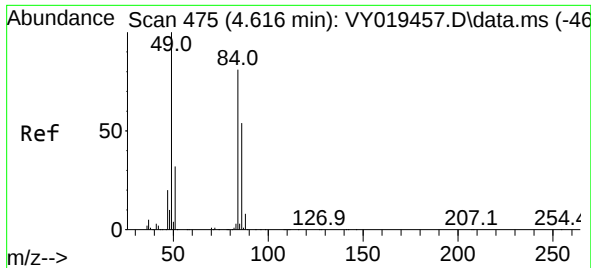
Tgt Ion: 43 Resp: 88713
Ion Ratio Lower Upper
43 100
58 30.7 31.7 47.5#



#17
Carbon Disulfide
Concen: 1.122 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019628.D
Acq: 19 Sep 2024 12:51

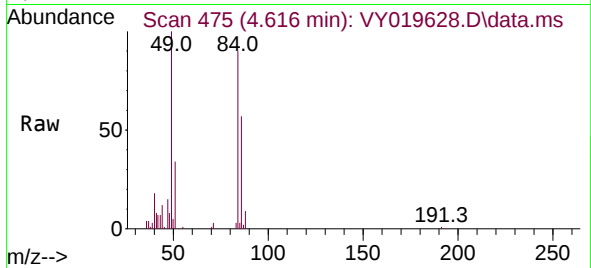
Tgt Ion: 76 Resp: 8457
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



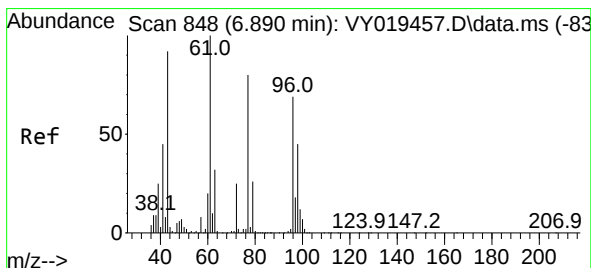
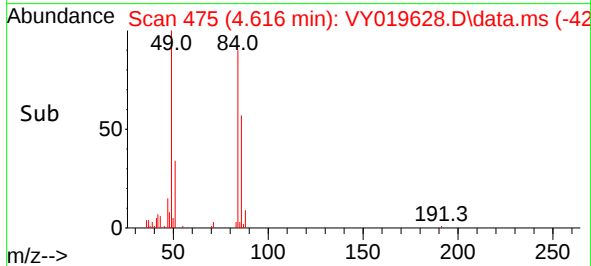
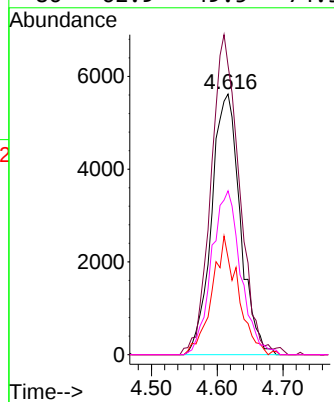


#20
Methylene Chloride
Concen: 5.380 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019628.D
Acq: 19 Sep 2024 12:51

Instrument :
MSVOA_Y
ClientSampleId :

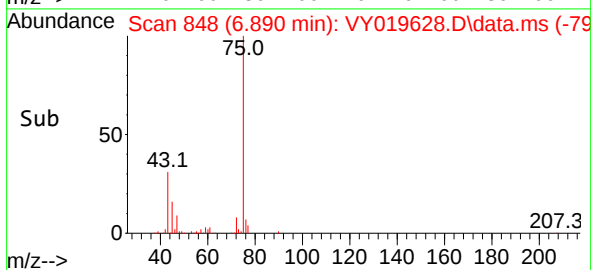
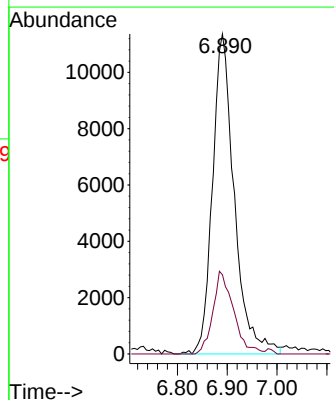
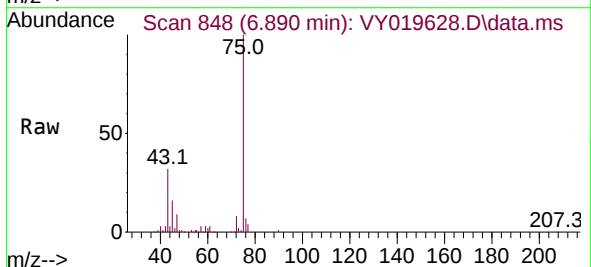


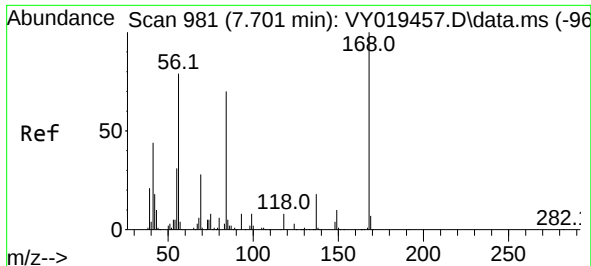
Tgt Ion:	84	Resp:	17013
Ion	Ratio	Lower	Upper
84	100		
49	111.0	84.4	126.6
51	37.2	26.0	39.0
86	62.9	49.5	74.3



#25
2-Butanone
Concen: 34.931 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019628.D
Acq: 19 Sep 2024 12:51

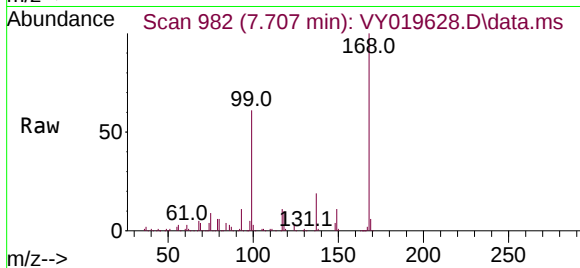
Tgt Ion:	43	Resp:	34451
Ion	Ratio	Lower	Upper
43	100		
72	24.7	27.3	40.9#



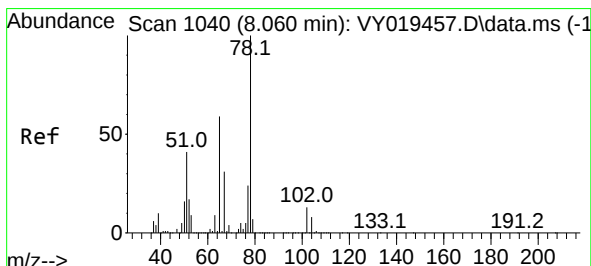
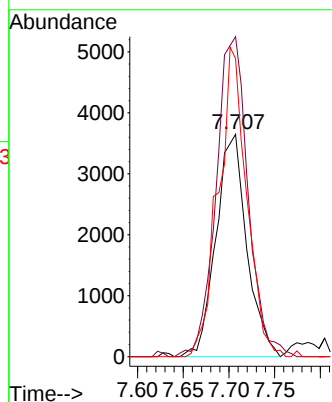
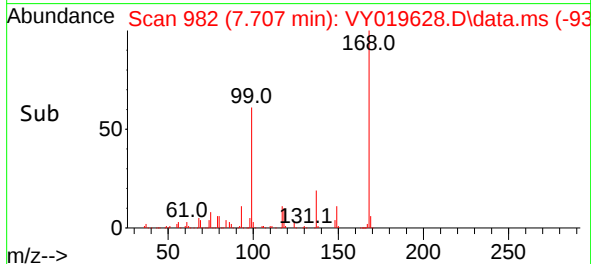


#31
Cyclohexane
Concen: 1.643 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019628.D
Acq: 19 Sep 2024 12:51

Instrument :
MSVOA_Y
ClientSampleId :

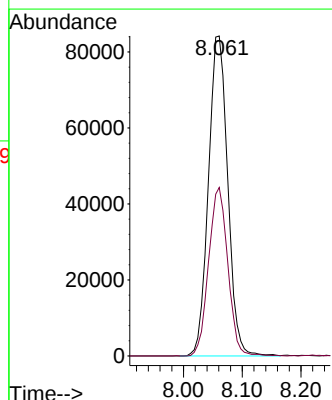
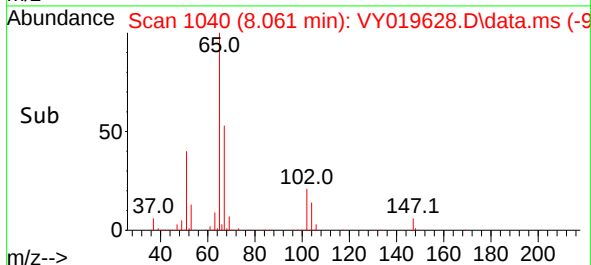
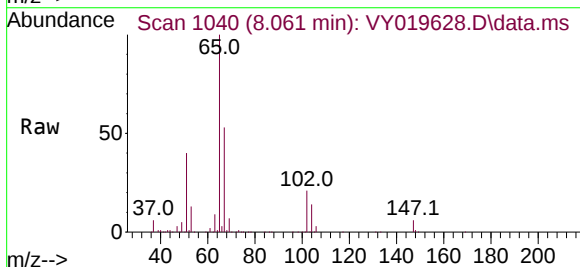


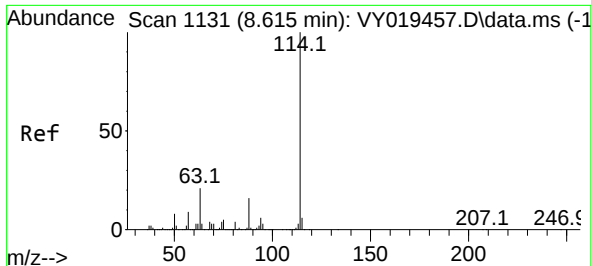
Tgt Ion: 56 Resp: 8559
Ion Ratio Lower Upper
56 100
69 142.3 28.7 43.1#
84 134.2 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 66.042 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019628.D
Acq: 19 Sep 2024 12:51

Tgt Ion: 65 Resp: 192232
Ion Ratio Lower Upper
65 100
67 52.4 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

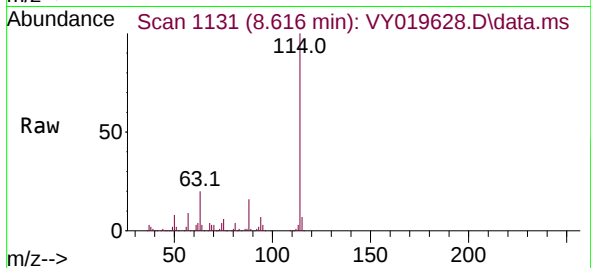
Lab File: VY019628.D

Acq: 19 Sep 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :



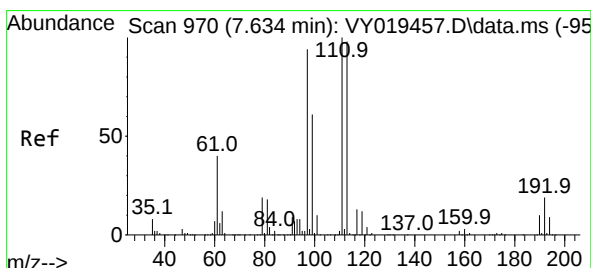
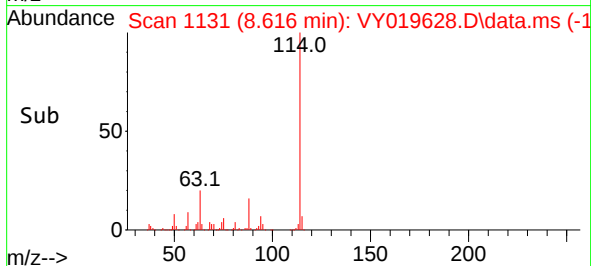
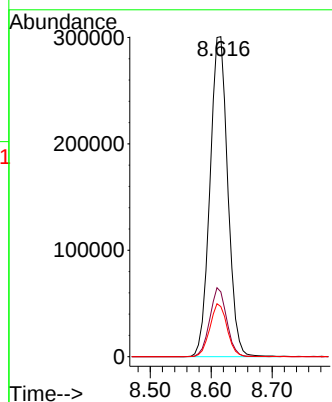
Tgt Ion:114 Resp: 609347

Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.0

88 15.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 57.000 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019628.D

Acq: 19 Sep 2024 12:51

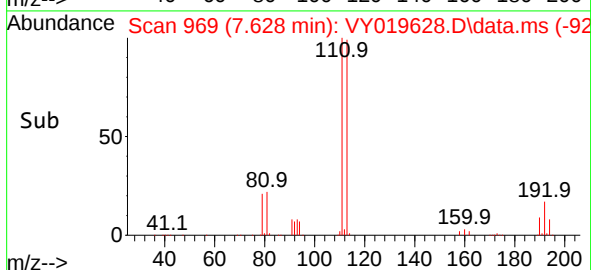
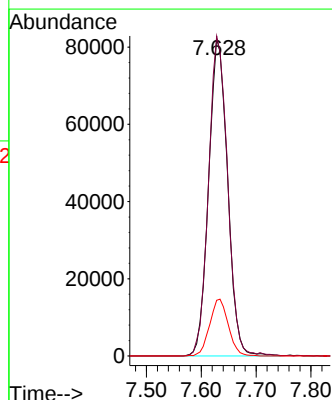
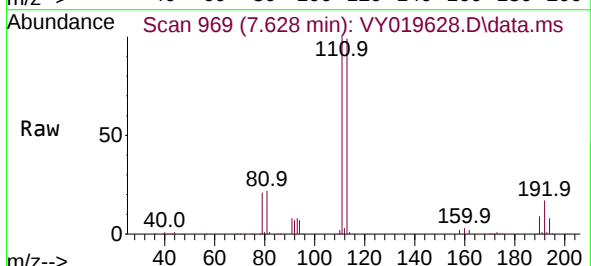
Tgt Ion:113 Resp: 196927

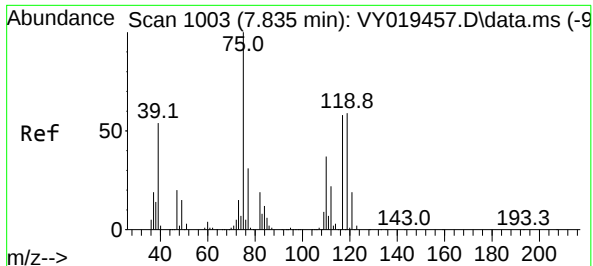
Ion Ratio Lower Upper

113 100

111 100.9 82.2 123.4

192 17.6 15.9 23.9

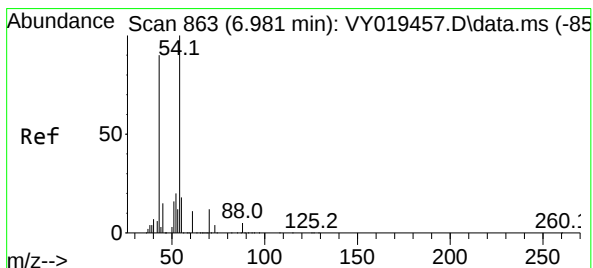
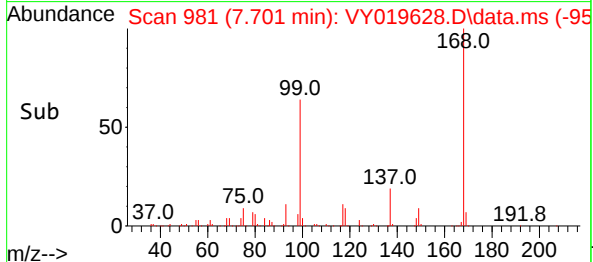
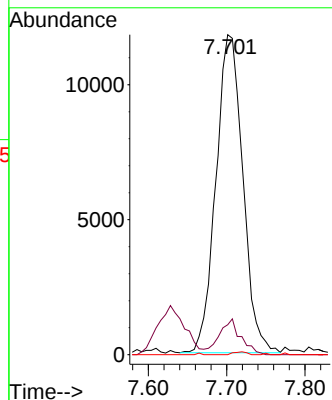
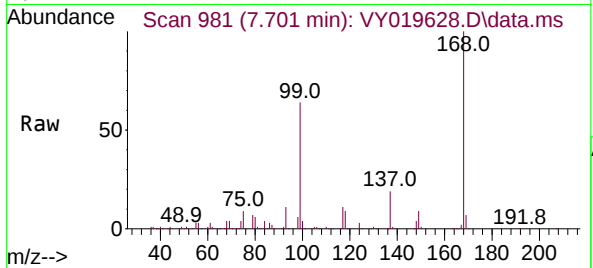




#36
1,1-Dichloropropene
Concen: 5.999 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY019628.D
Acq: 19 Sep 2024 12:51

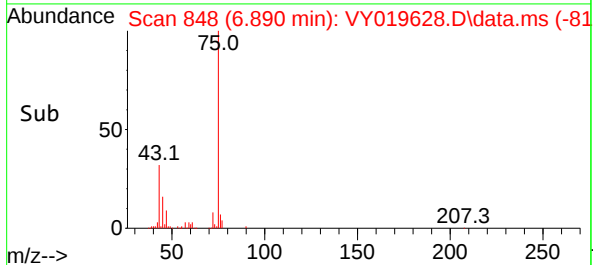
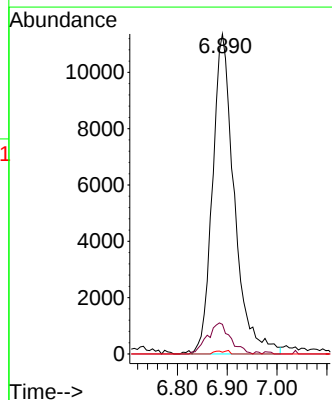
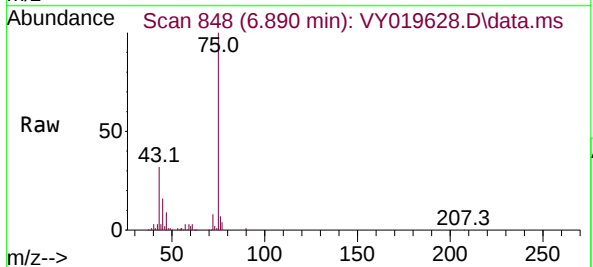
Instrument :
MSVOA_Y
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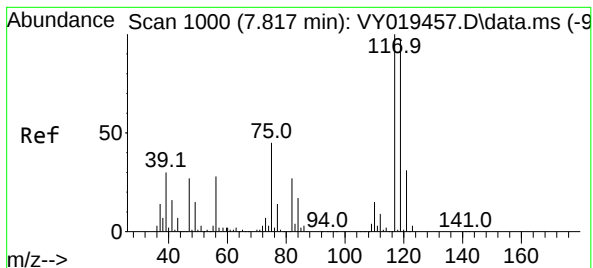
Tgt Ion: 75 Resp: 28202
Ion Ratio Lower Upper
75 100
110 8.9 19.0 57.0#
77 0.4 25.3 37.9#



#37
Ethyl Acetate
Concen: 14.303 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.091 min
Lab File: VY019628.D
Acq: 19 Sep 2024 12:51

Tgt Ion: 43 Resp: 34451
Ion Ratio Lower Upper
43 100
61 10.2 12.6 19.0#
70 0.4 7.8 11.8#





#38

Carbon Tetrachloride

Concen: 6.292 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.109 min

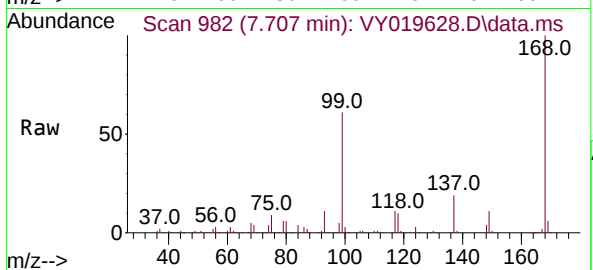
Lab File: VY019628.D

Acq: 19 Sep 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :



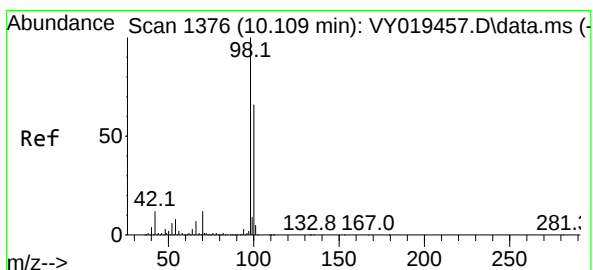
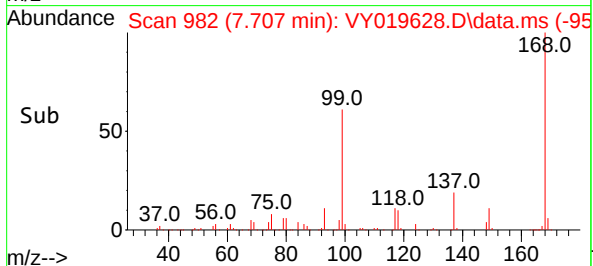
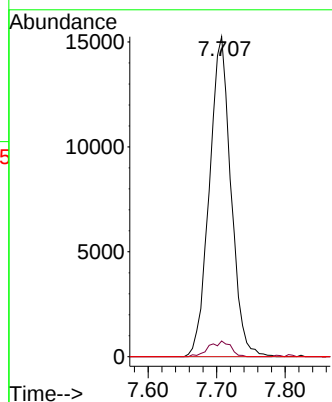
Tgt Ion:117 Resp: 33356

Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 56.418 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019628.D

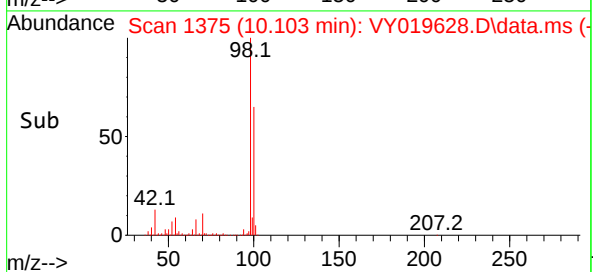
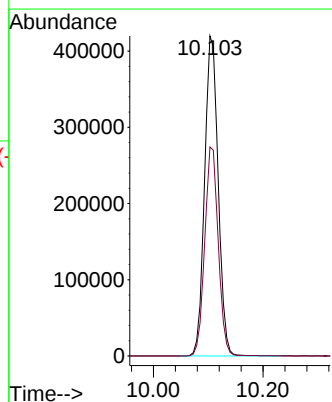
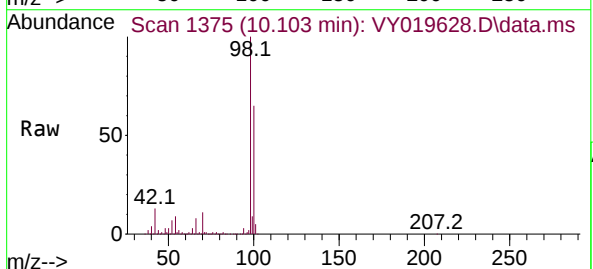
Acq: 19 Sep 2024 12:51

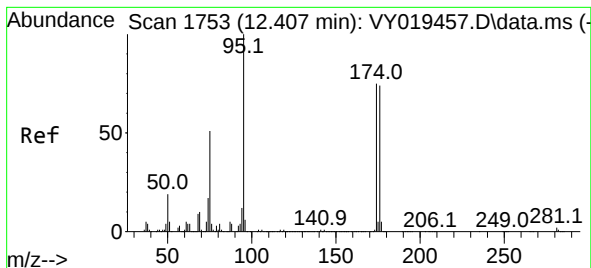
Tgt Ion: 98 Resp: 720958

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

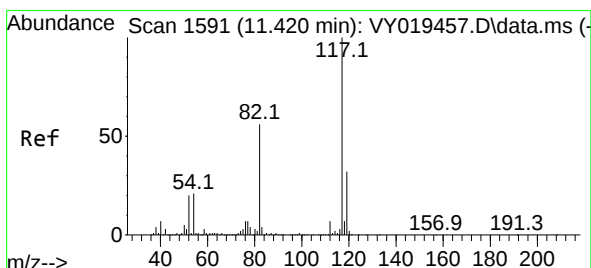
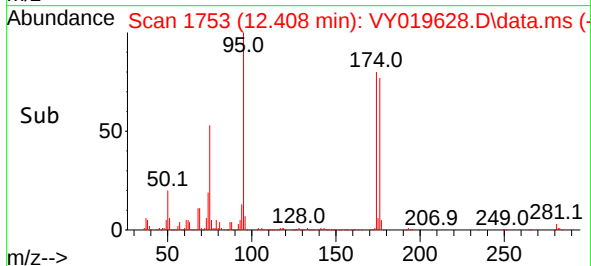
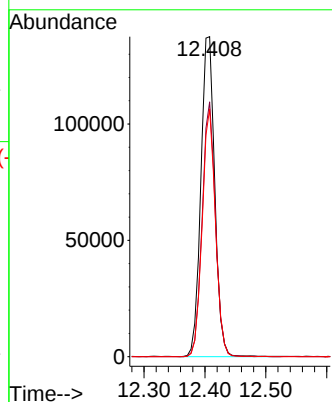
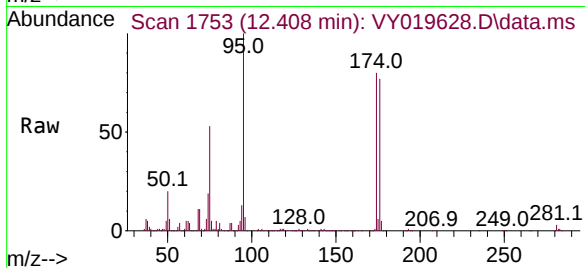




#62
4-Bromofluorobenzene
Concen: 44.258 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019628.D
Acq: 19 Sep 2024 12:51

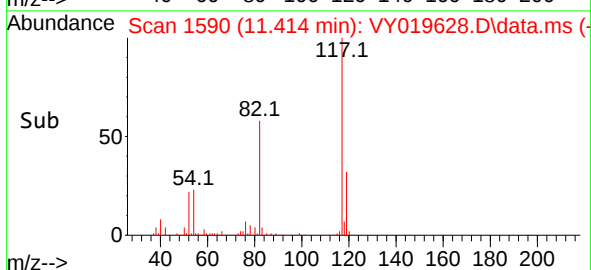
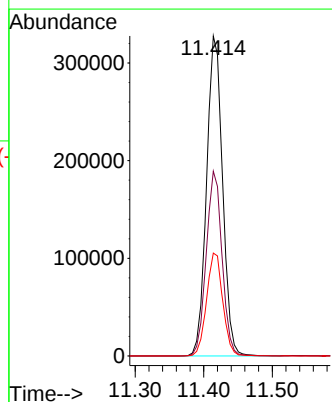
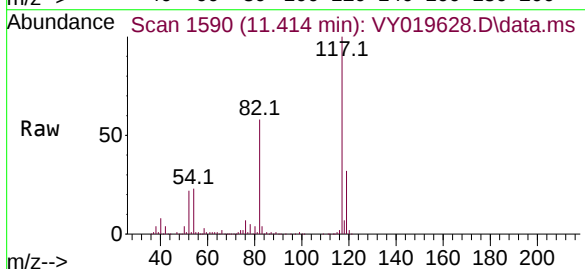
Instrument :
MSVOA_Y
ClientSampleId :

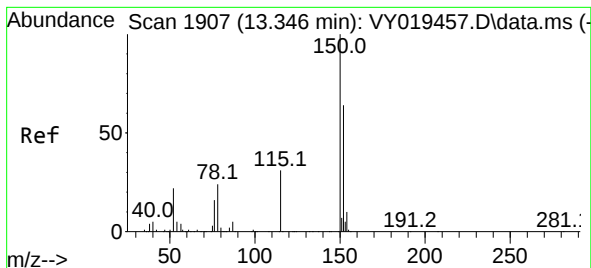
Tgt Ion: 95 Resp: 217465
Ion Ratio Lower Upper
95 100
174 76.1 0.0 175.6
176 73.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019628.D
Acq: 19 Sep 2024 12:51

Tgt Ion: 117 Resp: 532221
Ion Ratio Lower Upper
117 100
82 57.8 42.4 63.6
119 32.1 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: VY019628.D

Acq: 19 Sep 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

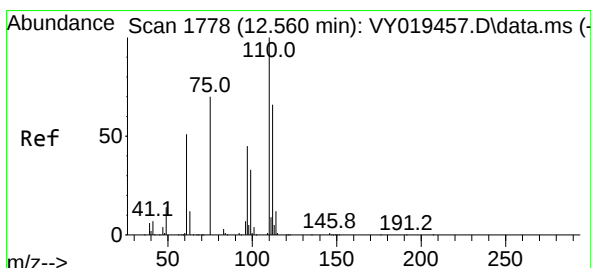
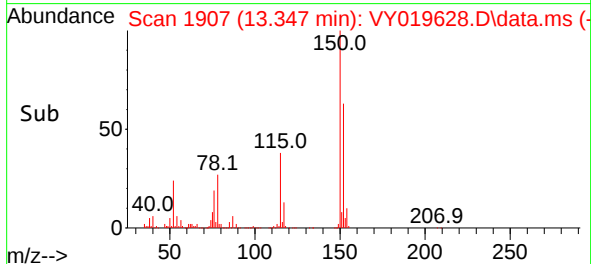
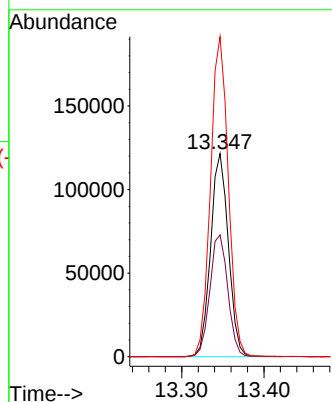
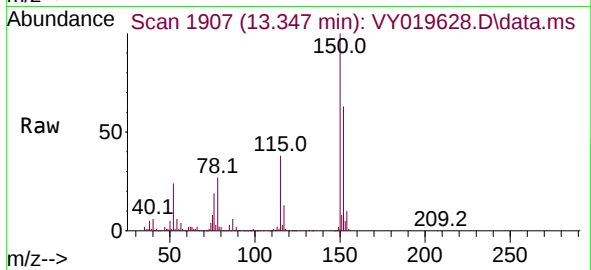
Tgt Ion:152 Resp: 182131

Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 157.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 70.997 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019628.D

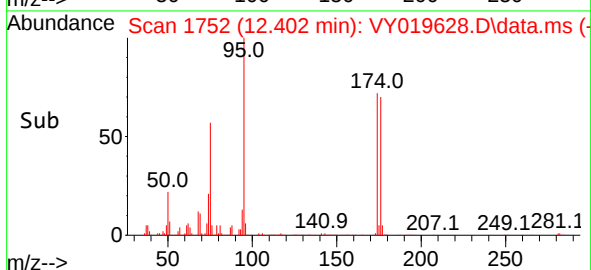
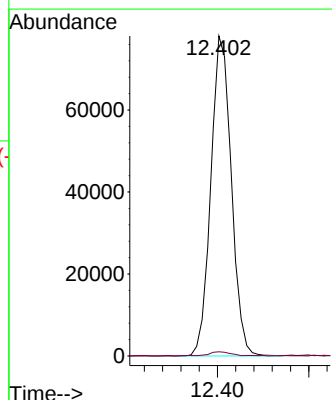
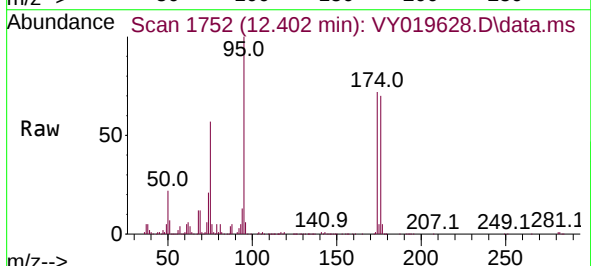
Acq: 19 Sep 2024 12:51

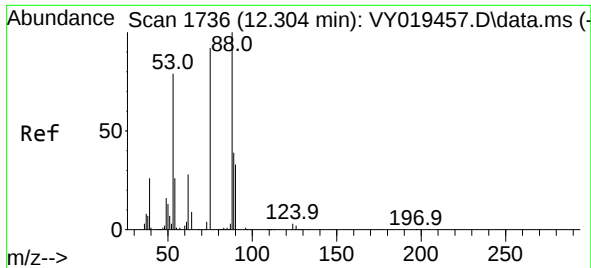
Tgt Ion: 75 Resp: 121199

Ion Ratio Lower Upper

75 100

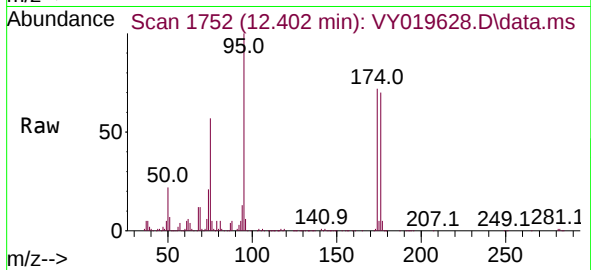
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.294 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019628.D
 Acq: 19 Sep 2024 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 121199
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.1 35.8 53.6#

