

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
 Data File : VY019471.D
 Acq On : 09 Sep 2024 17:30
 Operator : SY/MD
 Sample : P3905-03
 Misc : 6.96g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 10 01:50:03 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)

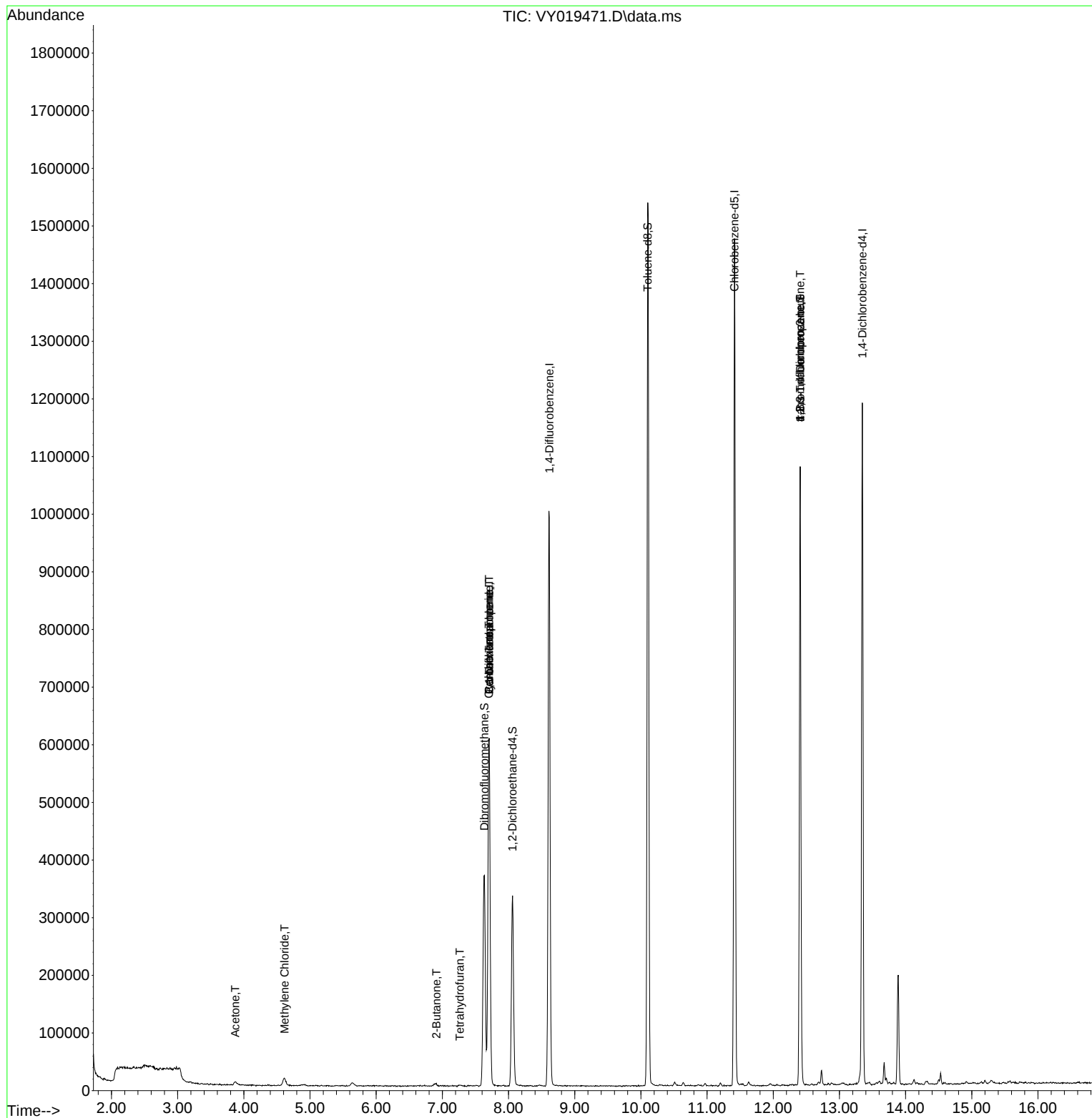
Internal Standards						
1) Pentafluorobenzene	7.707	168	464795	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	862822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	759131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	287710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	265541	61.698	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.400%	
35) Dibromofluoromethane	7.634	113	271827	55.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.140%	
50) Toluene-d8	10.103	98	1006852	55.644	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.280%	
62) 4-Bromofluorobenzene	12.408	95	340100	48.883	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 97.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	289	Below Cal	#	43
13) Acrolein	3.665	56	366	Below Cal		86
16) Acetone	3.873	43	11530	11.245	ug/l	88
20) Methylene Chloride	4.616	84	10481	2.241	ug/l #	85
25) 2-Butanone	6.909	43	4270	2.928	ug/l #	70
29) Tetrahydrofuran	7.262	42	1236	1.394	ug/l #	81
31) Cyclohexane	7.701	56	10997	1.428	ug/l #	8
36) 1,1-Dichloropropene	7.707	75	38057	5.717	ug/l #	49
38) Carbon Tetrachloride	7.707	117	47544	6.334	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	177583	65.852	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	177583	126.418	ug/l #	16

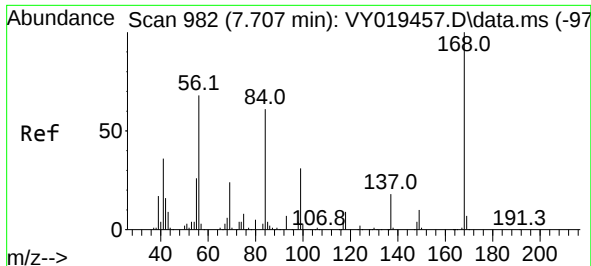
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 10 01:50:03 2024
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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

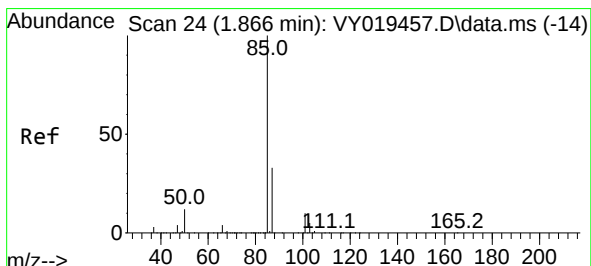
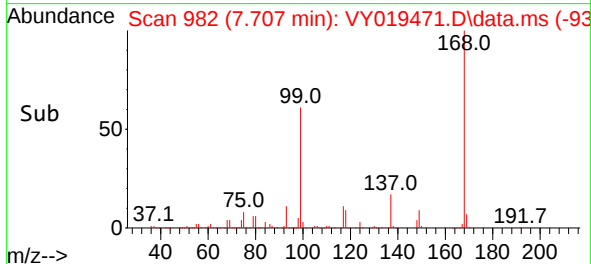
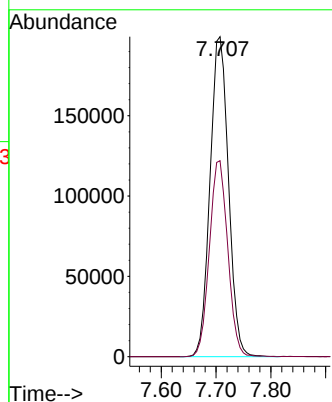
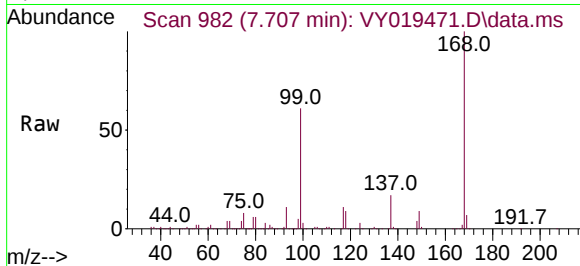




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019471.D
Acq: 09 Sep 2024 17:30

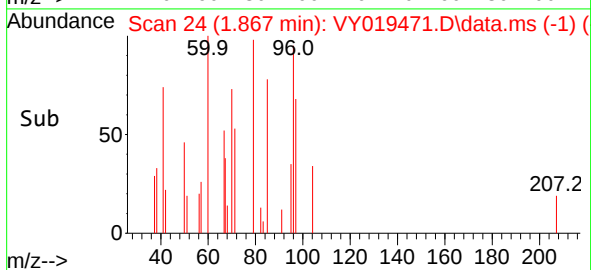
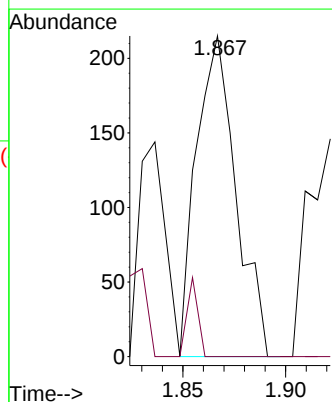
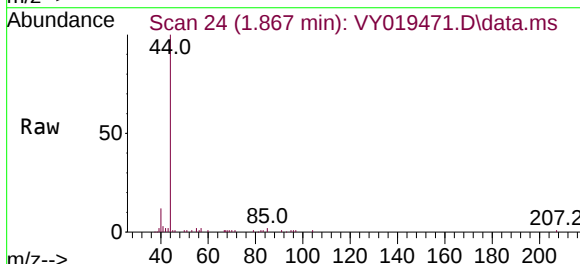
Instrument :
MSVOA_Y
ClientSampleId :

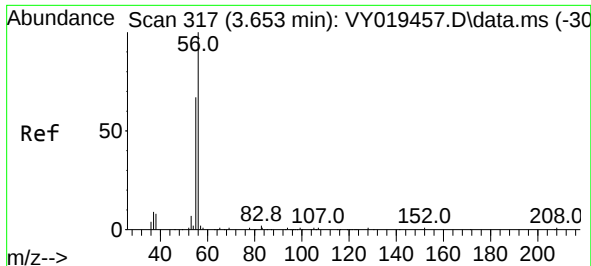
Tgt Ion:168 Resp: 464795
Ion Ratio Lower Upper
168 100
99 61.3 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019471.D
Acq: 09 Sep 2024 17:30

Tgt Ion: 85 Resp: 289
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

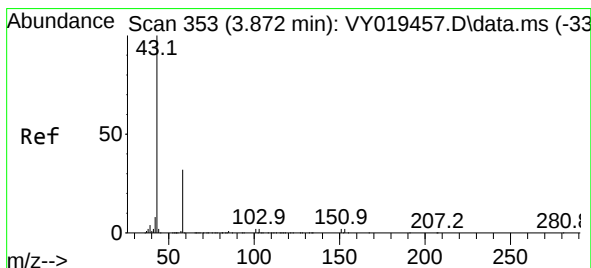
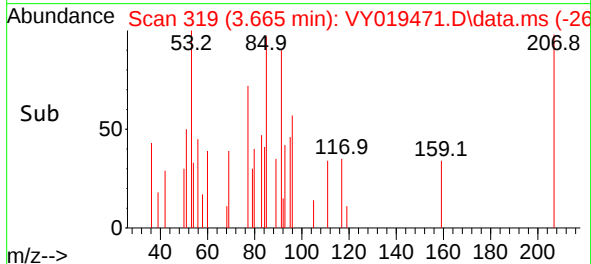
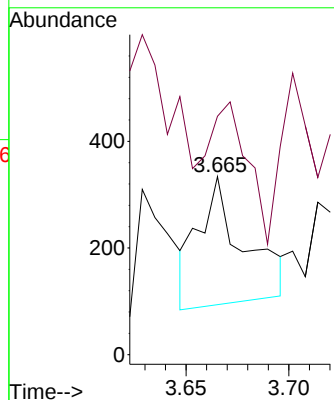
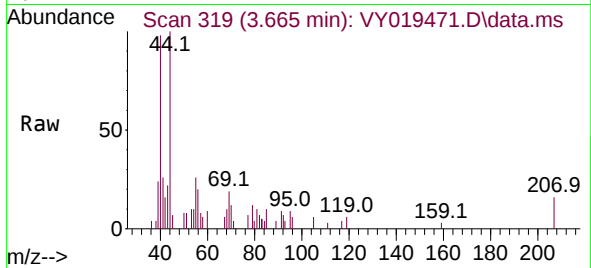




#13
Acrolein
Concen: Below Cal
RT: 3.665 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY019471.D
Acq: 09 Sep 2024 17:30

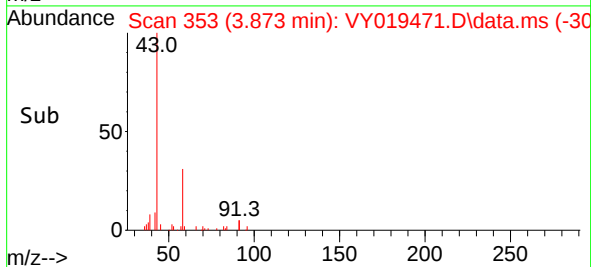
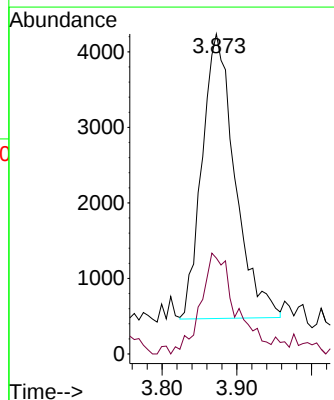
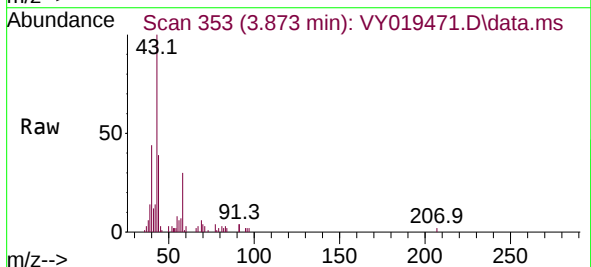
Instrument :
MSVOA_Y
ClientSampleId :

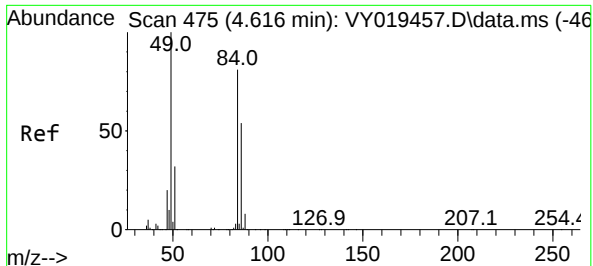
Tgt Ion: 56 Resp: 366
Ion Ratio Lower Upper
56 100
55 81.4 55.7 83.5



#16
Acetone
Concen: 11.245 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019471.D
Acq: 09 Sep 2024 17:30

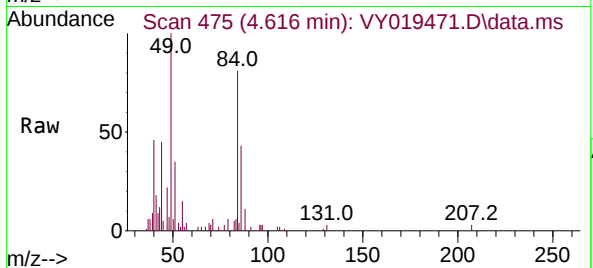
Tgt Ion: 43 Resp: 11530
Ion Ratio Lower Upper
43 100
58 32.2 31.7 47.5



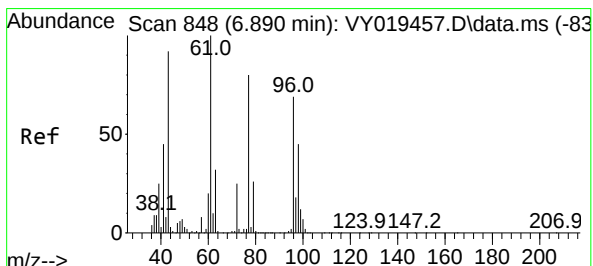
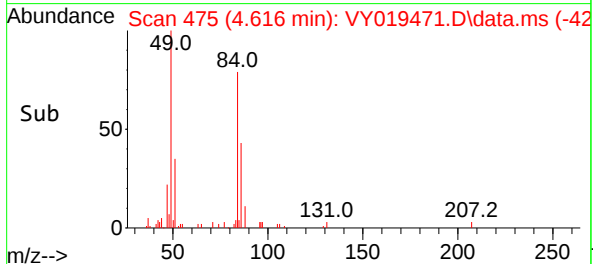
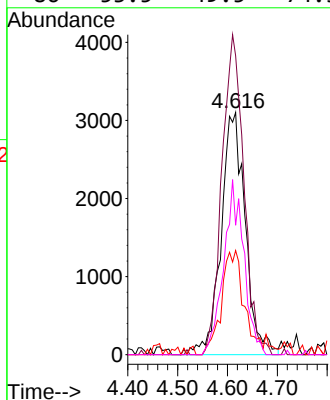


#20
Methylene Chloride
Concen: 2.241 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019471.D
Acq: 09 Sep 2024 17:30

Instrument :
MSVOA_Y
ClientSampleId :

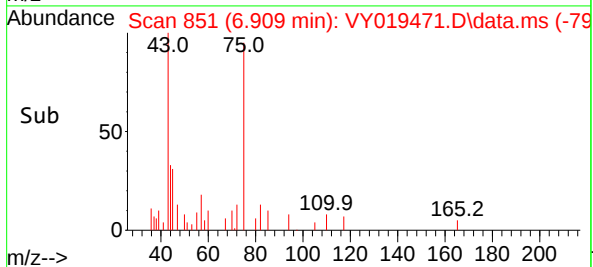
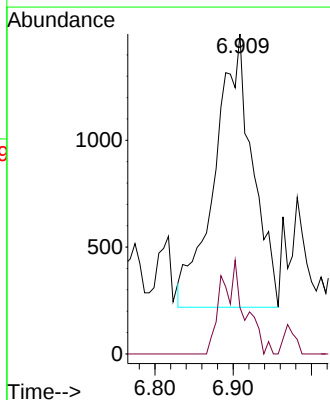
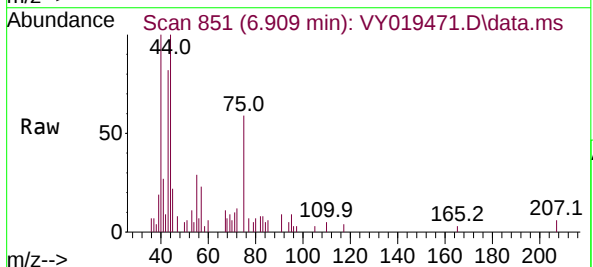


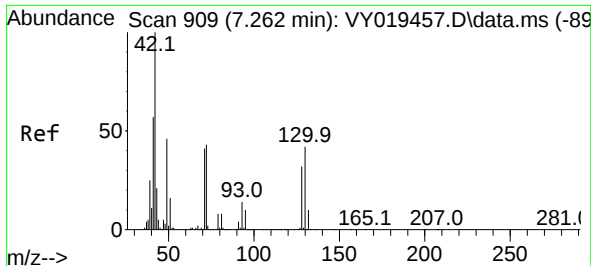
Tgt Ion:	84	Resp:	10481
Ion	Ratio	Lower	Upper
84	100		
49	123.4	84.4	126.6
51	40.9	26.0	39.0#
86	53.5	49.5	74.3



#25
2-Butanone
Concen: 2.928 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.019 min
Lab File: VY019471.D
Acq: 09 Sep 2024 17:30

Tgt Ion:	43	Resp:	4270
Ion	Ratio	Lower	Upper
43	100		
72	17.0	27.3	40.9#





#29

Tetrahydrofuran

Concen: 1.394 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

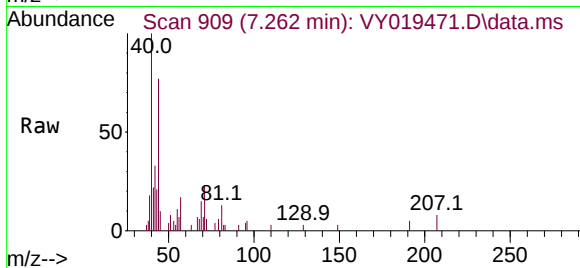
Lab File: VY019471.D

Acq: 09 Sep 2024 17:30

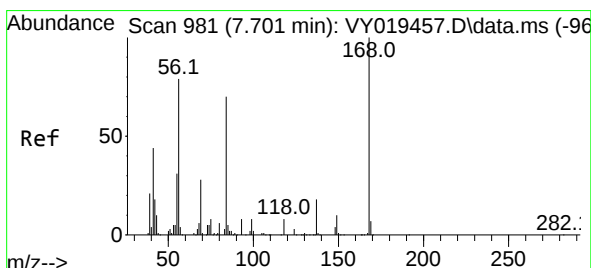
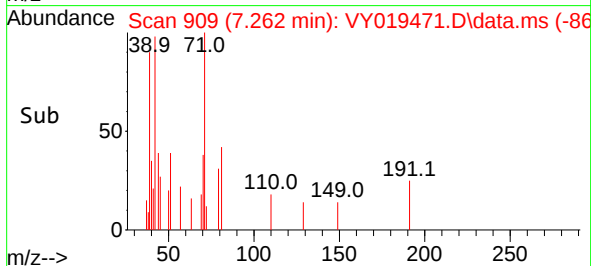
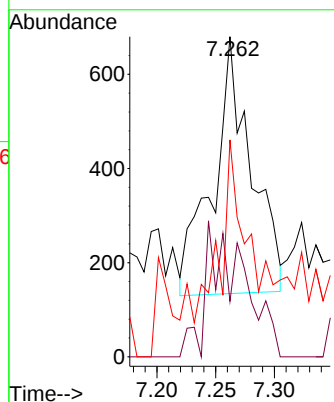
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	1236
Ion Ratio	100	Lower	Upper
42	100		
72	27.7	43.0	64.4#
71	50.9	40.8	61.2



#31

Cyclohexane

Concen: 1.428 ug/l

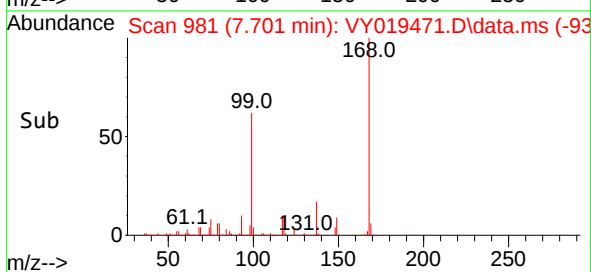
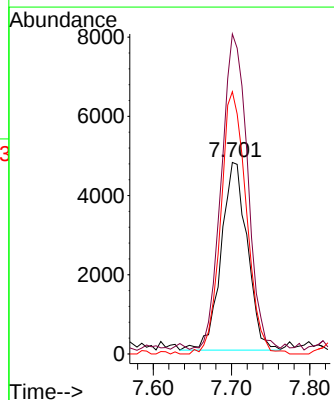
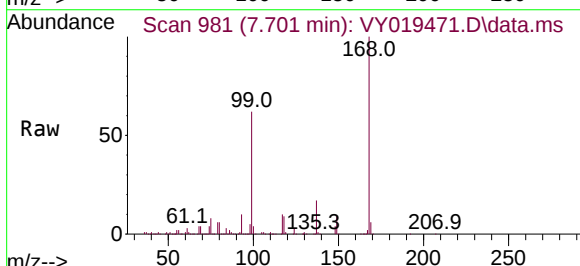
RT: 7.701 min Scan# 981

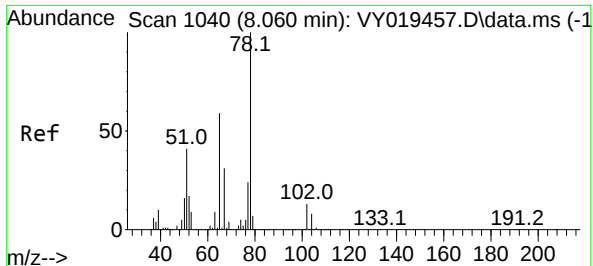
Delta R.T. 0.000 min

Lab File: VY019471.D

Acq: 09 Sep 2024 17:30

Tgt Ion:	56	Resp:	10997
Ion Ratio	100	Lower	Upper
56	100		
69	167.5	28.7	43.1#
84	139.8	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 61.698 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019471.D

Acq: 09 Sep 2024 17:30

Instrument :

MSVOA_Y

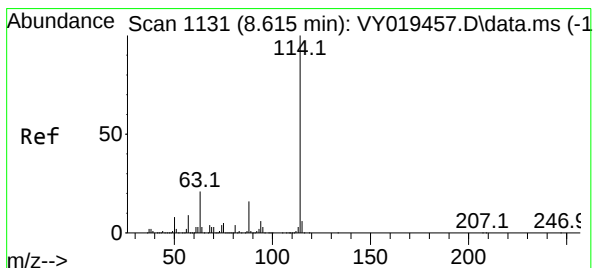
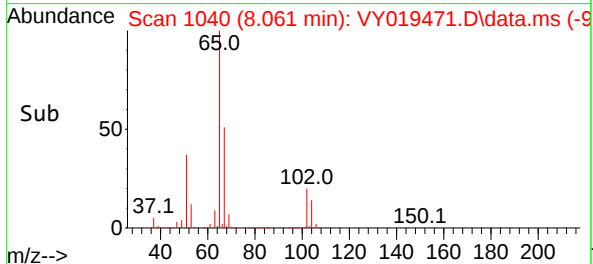
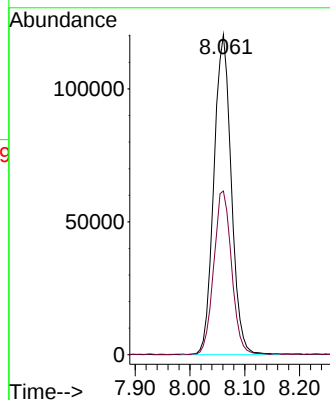
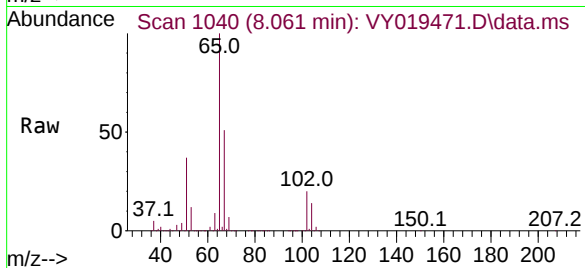
ClientSampleId :

Tgt Ion: 65 Resp: 265541

Ion Ratio Lower Upper

65 100

67 52.2 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: VY019471.D

Acq: 09 Sep 2024 17:30

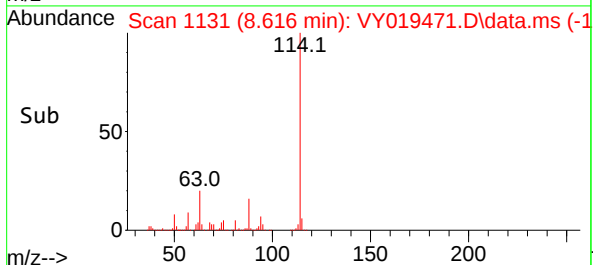
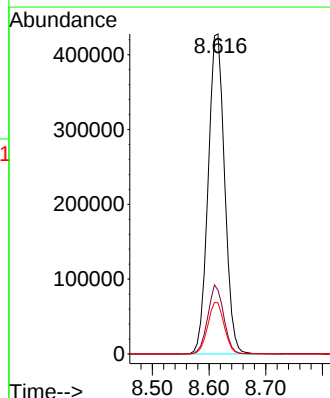
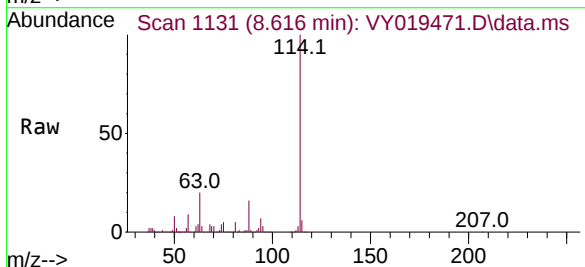
Tgt Ion: 114 Resp: 862822

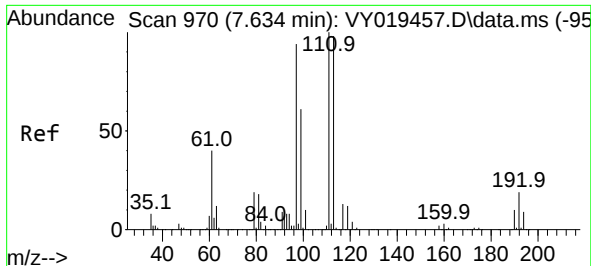
Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.0

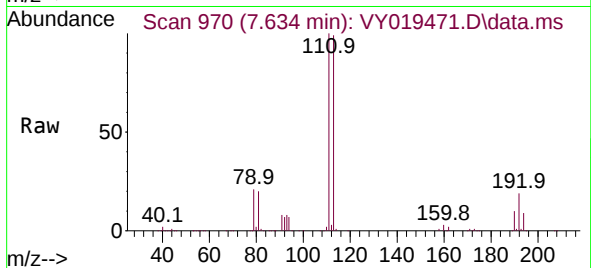
88 16.0 0.0 27.2



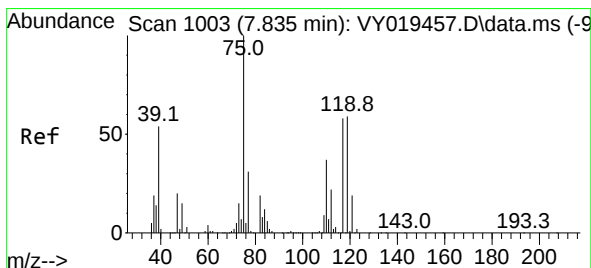
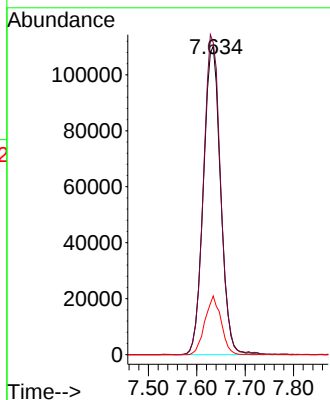
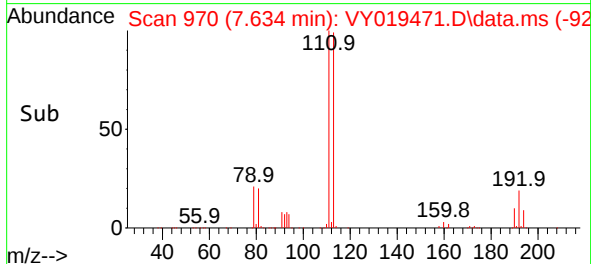


#35
Dibromofluoromethane
Concen: 55.565 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019471.D
Acq: 09 Sep 2024 17:30

Instrument :
MSVOA_Y
ClientSampleId :

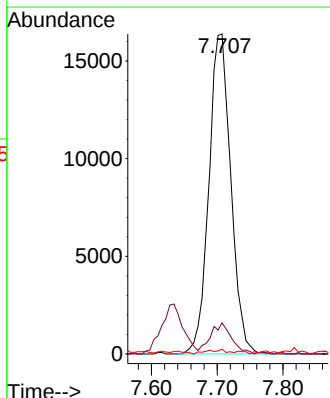
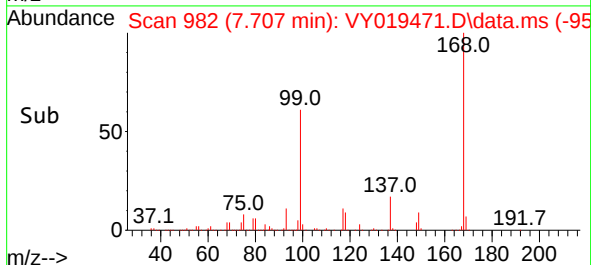
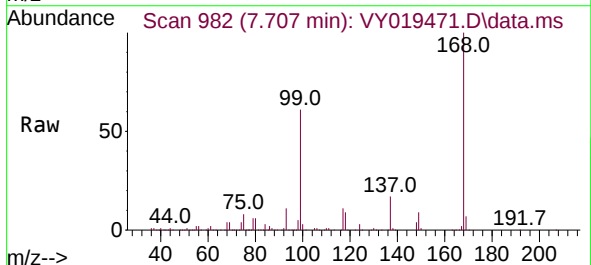


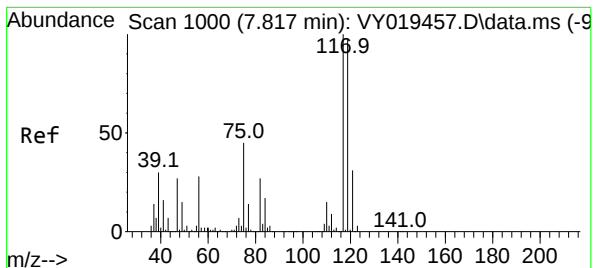
Tgt Ion:113 Resp: 271827
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 18.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.717 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019471.D
Acq: 09 Sep 2024 17:30

Tgt Ion: 75 Resp: 38057
Ion Ratio Lower Upper
75 100
110 9.4 19.0 57.0#
77 0.6 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.334 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.109 min

Lab File: VY019471.D

Acq: 09 Sep 2024 17:30

Instrument :

MSVOA_Y

ClientSampleId :

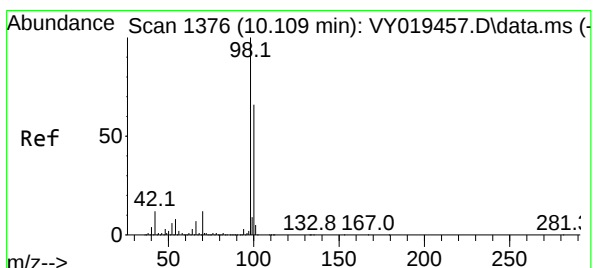
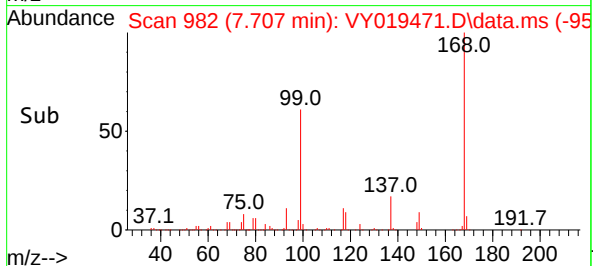
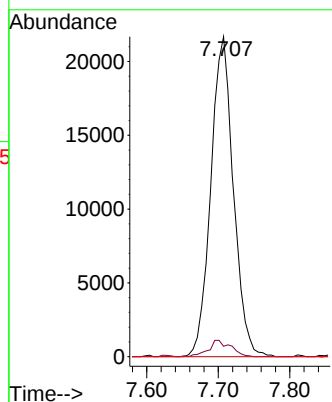
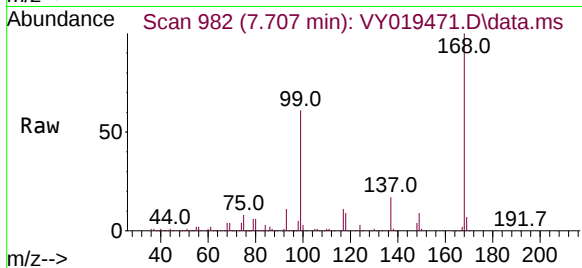
Tgt Ion:117 Resp: 47544

Ion Ratio Lower Upper

117 100

119 3.3 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 55.644 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019471.D

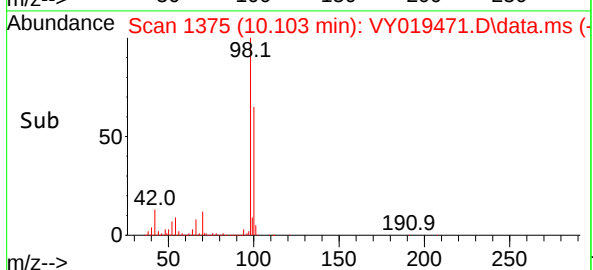
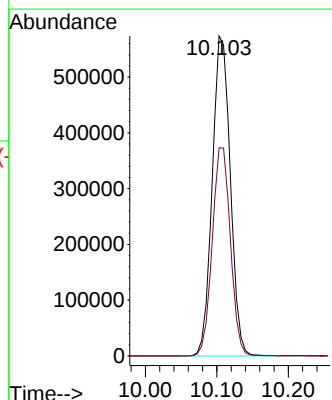
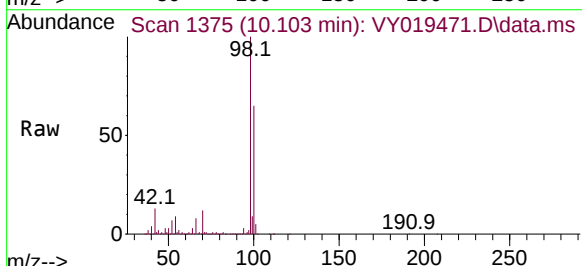
Acq: 09 Sep 2024 17:30

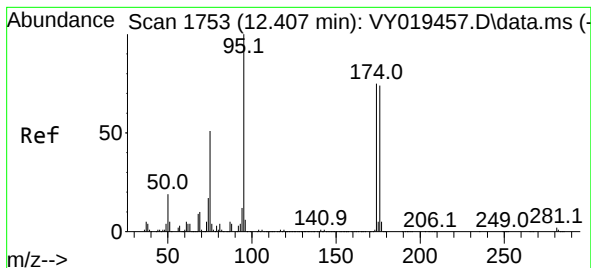
Tgt Ion: 98 Resp: 1006852

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

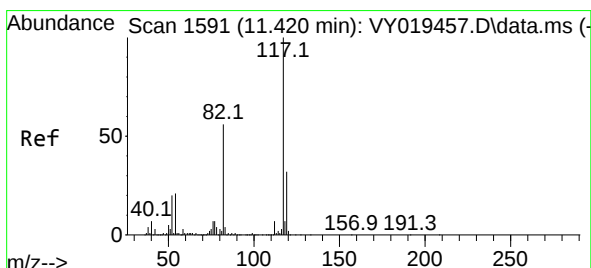
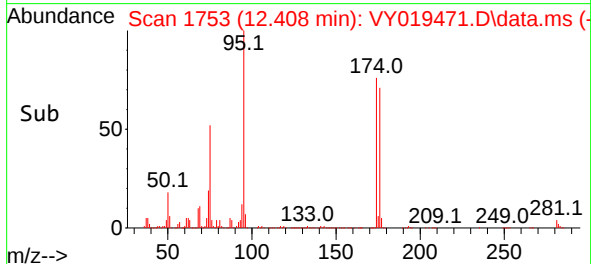
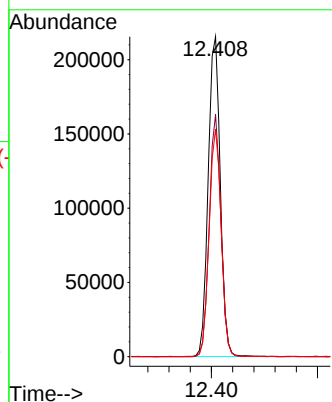
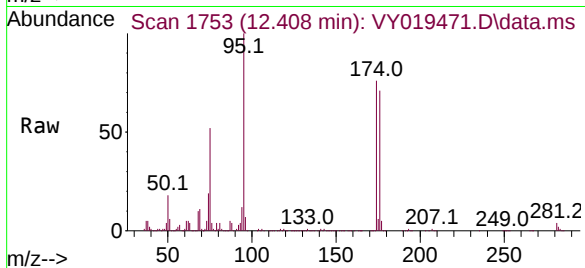




#62
4-Bromofluorobenzene
Concen: 48.883 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019471.D
Acq: 09 Sep 2024 17:30

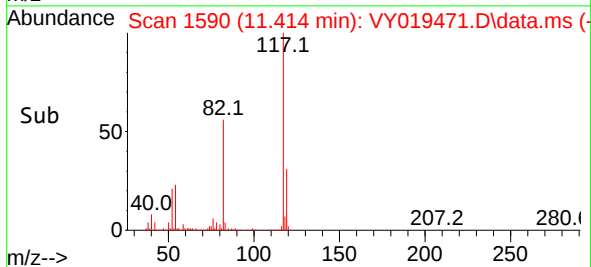
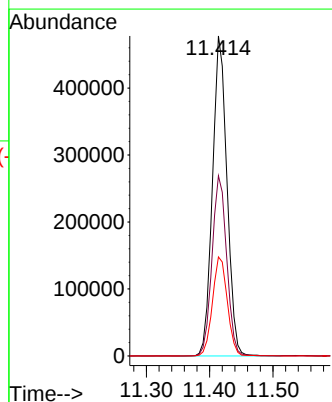
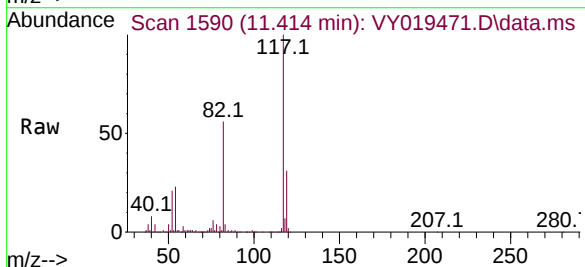
Instrument :
MSVOA_Y
ClientSampleId :

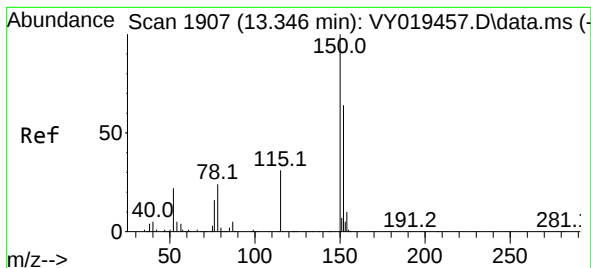
Tgt Ion: 95 Resp: 340100
Ion Ratio Lower Upper
95 100
174 73.2 0.0 175.6
176 71.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019471.D
Acq: 09 Sep 2024 17:30

Tgt Ion: 117 Resp: 759131
Ion Ratio Lower Upper
117 100
82 56.3 42.4 63.6
119 31.0 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: VY019471.D

Acq: 09 Sep 2024 17:30

Instrument :

MSVOA_Y

ClientSampleId :

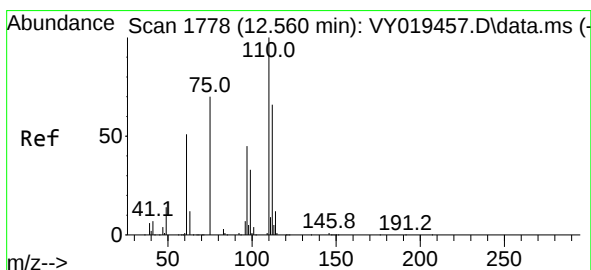
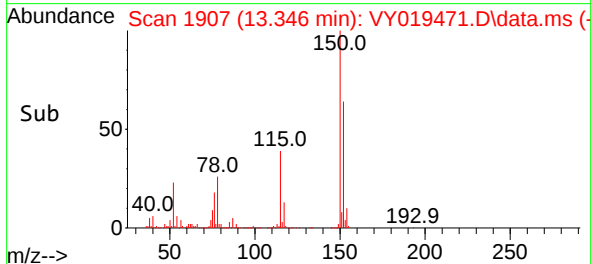
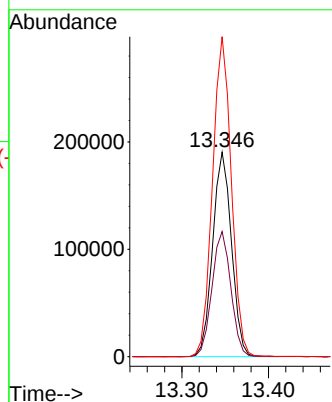
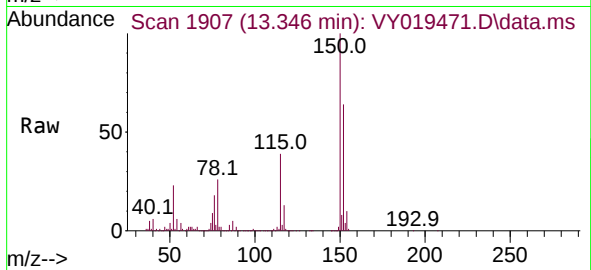
Tgt Ion:152 Resp: 287710

Ion Ratio Lower Upper

152 100

115 61.6 28.2 84.7

150 156.3 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 65.852 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019471.D

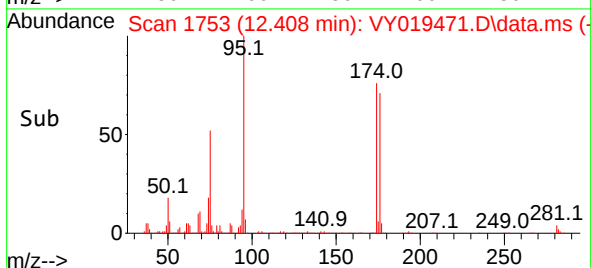
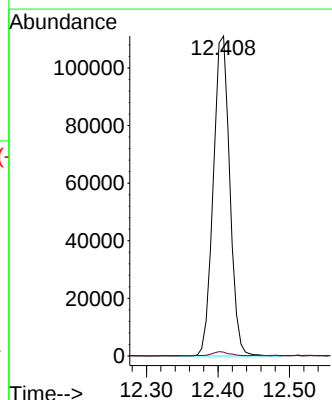
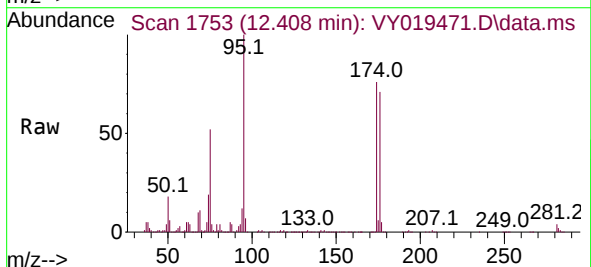
Acq: 09 Sep 2024 17:30

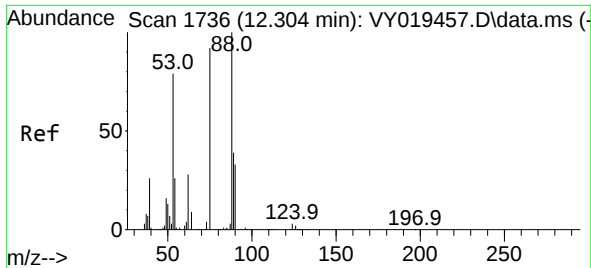
Tgt Ion: 75 Resp: 177583

Ion Ratio Lower Upper

75 100

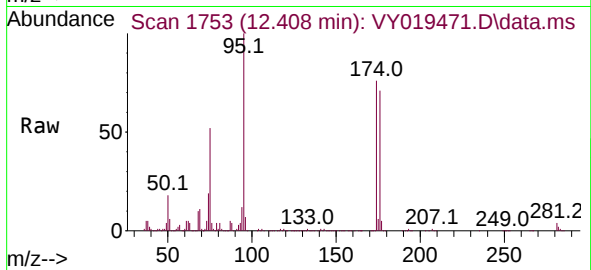
77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 126.418 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY019471.D
Acq: 09 Sep 2024 17:30

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 177583
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.1 35.8 53.6#

