

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
 Data File : VY019427.D
 Acq On : 03 Sep 2024 14:27
 Operator : SY/MD
 Sample : P3813-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 04 01:35:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

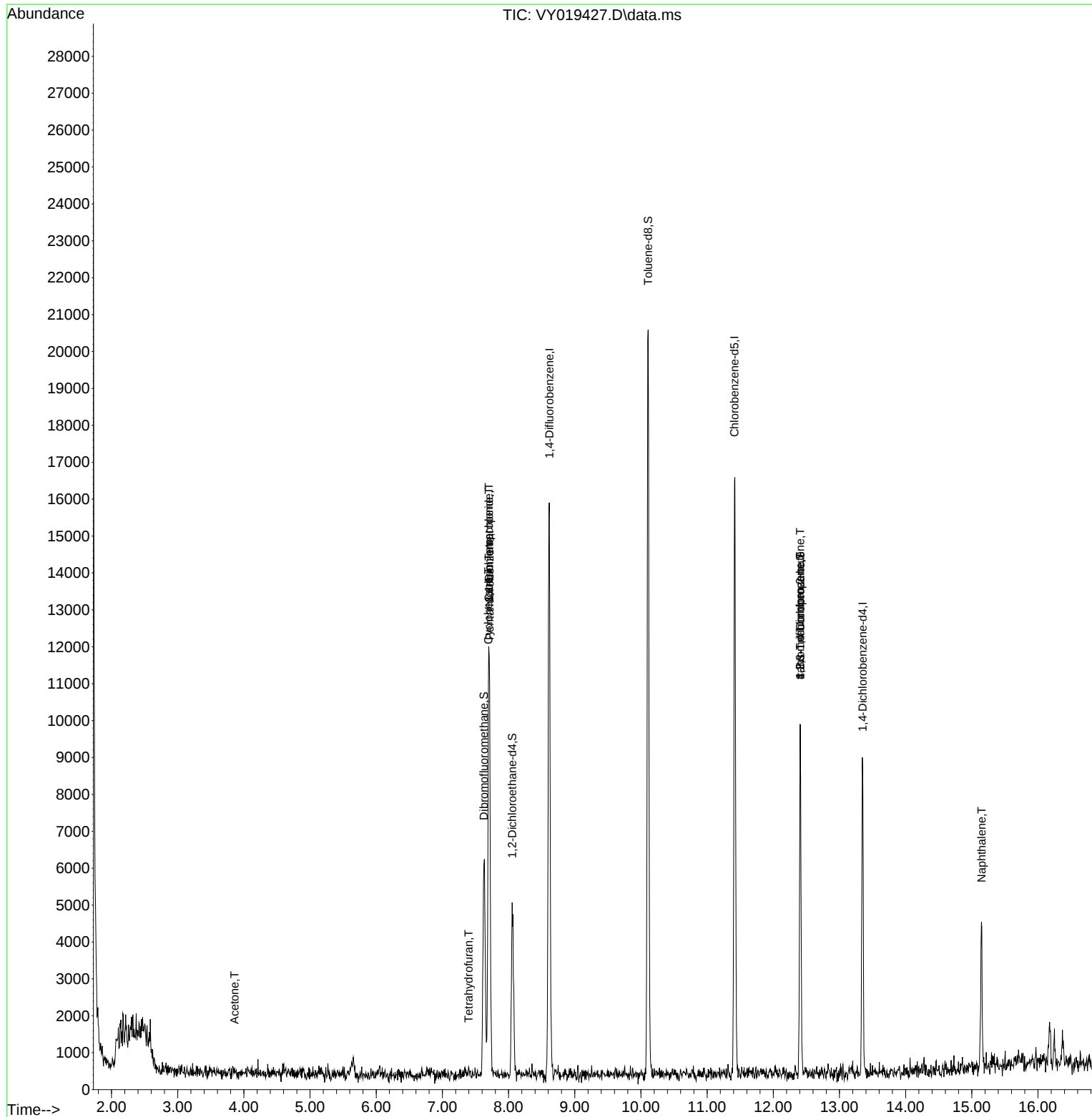
Internal Standards						
1) Pentafluorobenzene	7.713	168	9370	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.615	114	13717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	9601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	2298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	3866	43.560	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.120%		
35) Dibromofluoromethane	7.628	113	4383	50.540	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.080%		
50) Toluene-d8	10.109	98	13813	43.268	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	86.540%		
62) 4-Bromofluorobenzene	12.407	95	3102	30.042	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	60.080%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.616	94	139	Below Cal	#	3
16) Acetone	3.860	43	23	1.318	ug/l #	36
20) Methylene Chloride	4.610	84	70	Below Cal	#	12
29) Tetrahydrofuran	7.396	42	37	2.637	ug/l #	26
31) Cyclohexane	7.695	56	197	1.305	ug/l #	1
36) 1,1-Dichloropropene	7.701	75	759	6.193	ug/l #	40
38) Carbon Tetrachloride	7.701	117	1068	7.150	ug/l #	13
76) 1,2,3-Trichloropropane	12.407	75	1614	79.976	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	1614	197.867	ug/l #	16
95) Naphthalene	15.151	128	3286	55.720	ug/l #	93

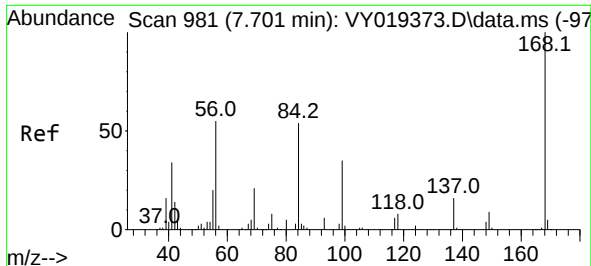
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 02:45:30 2024
Response via : Initial Calibration

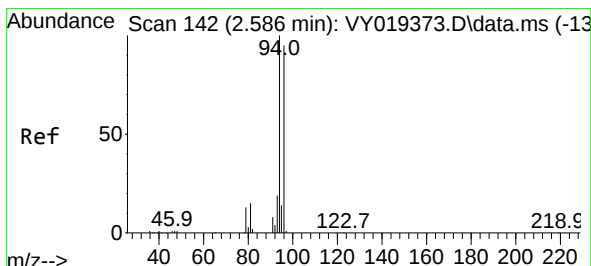
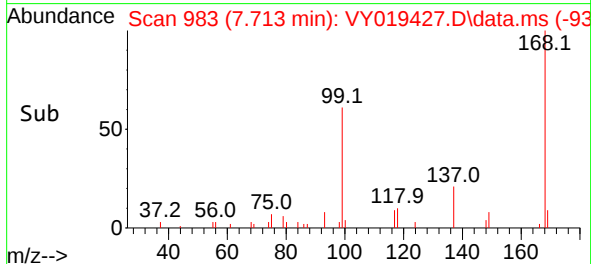
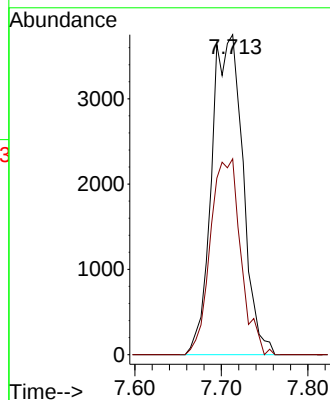
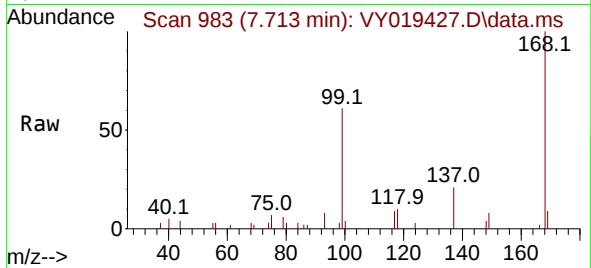




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019427.D
Acq: 03 Sep 2024 14:27

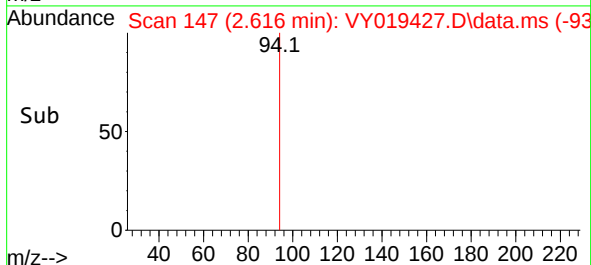
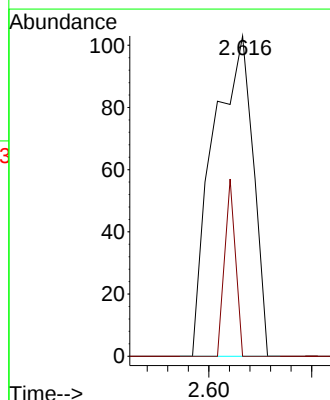
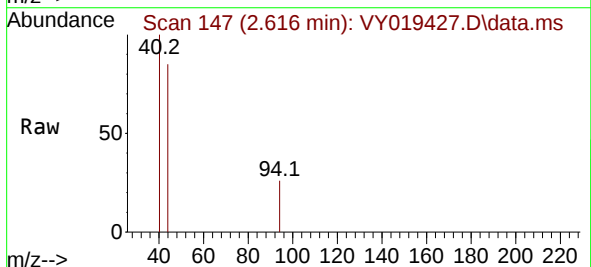
Instrument :
MSVOA_Y
ClientSampleId :

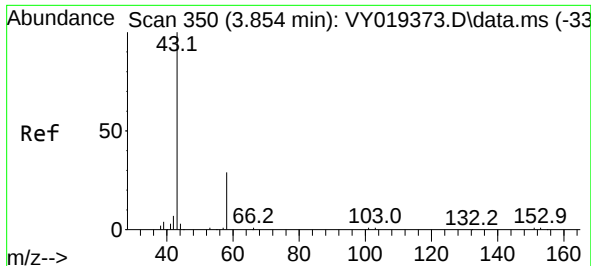
Tgt Ion:168 Resp: 9370
Ion Ratio Lower Upper
168 100
99 61.2 39.1 58.7#



#5
Bromomethane
Concen: Below Cal
RT: 2.616 min Scan# 147
Delta R.T. 0.030 min
Lab File: VY019427.D
Acq: 03 Sep 2024 14:27

Tgt Ion: 94 Resp: 139
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#

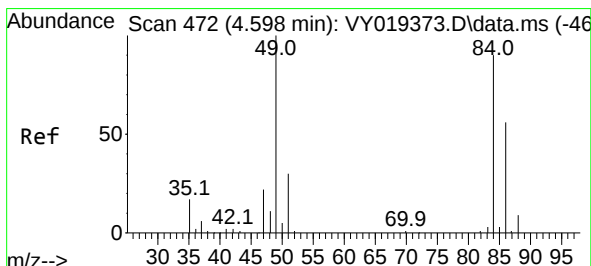
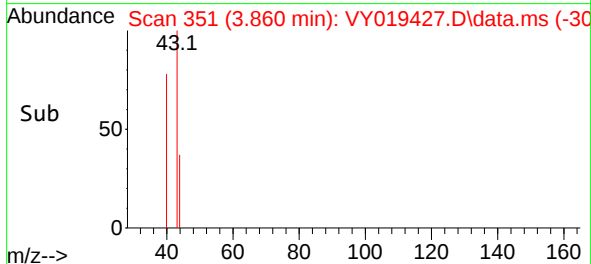
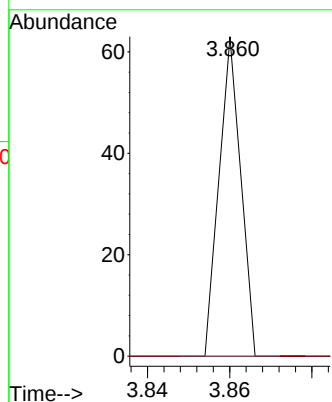
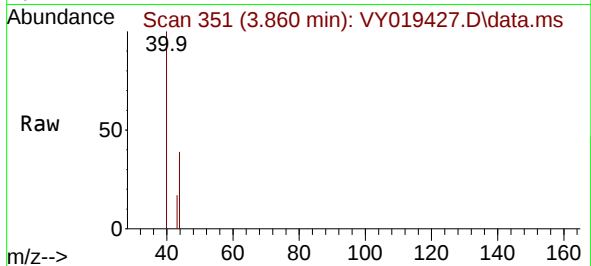




#16
Acetone
Concen: 1.318 ug/l
RT: 3.860 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY019427.D
Acq: 03 Sep 2024 14:27

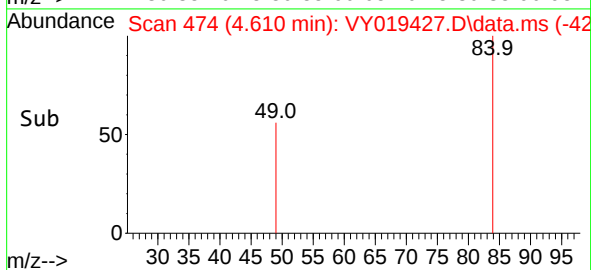
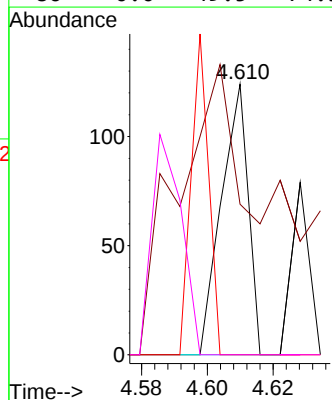
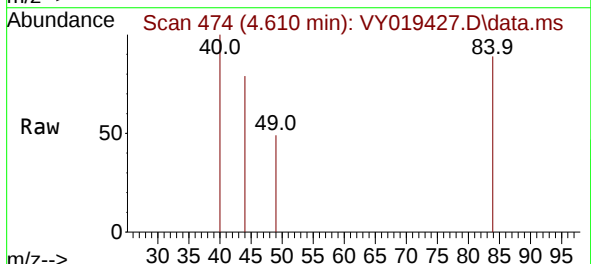
Instrument :
MSVOA_Y
ClientSampleId :

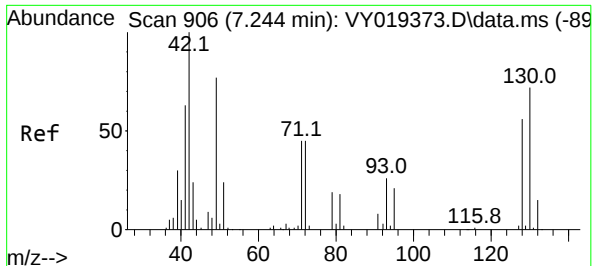
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 474
Delta R.T. 0.012 min
Lab File: VY019427.D
Acq: 03 Sep 2024 14:27

Tgt Ion: 84 Resp: 70
Ion Ratio Lower Upper
84 100
49 0.8 84.4 126.6#
51 0.0 26.0 39.0#
86 0.0 49.5 74.3#





#29

Tetrahydrofuran

Concen: 2.637 ug/l

RT: 7.396 min Scan# 91

Delta R.T. 0.152 min

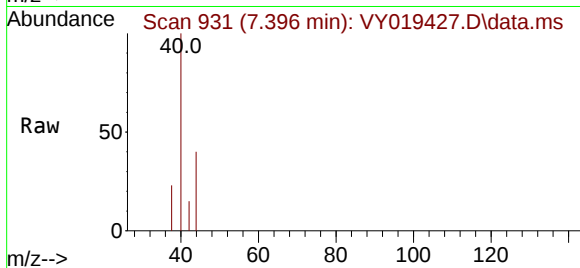
Lab File: VY019427.D

Acq: 03 Sep 2024 14:27

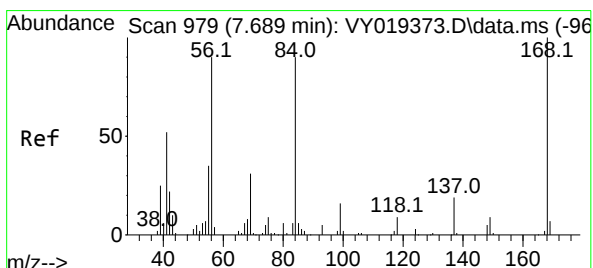
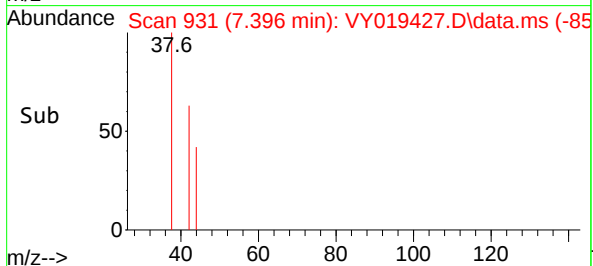
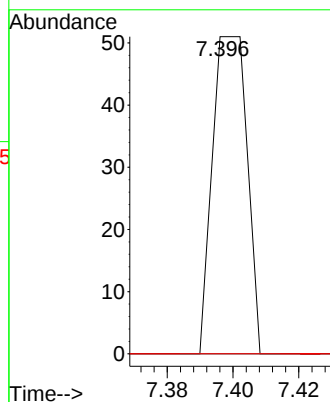
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	37
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.0	64.4#
71	0.0	40.8	61.2#



#31

Cyclohexane

Concen: 1.305 ug/l

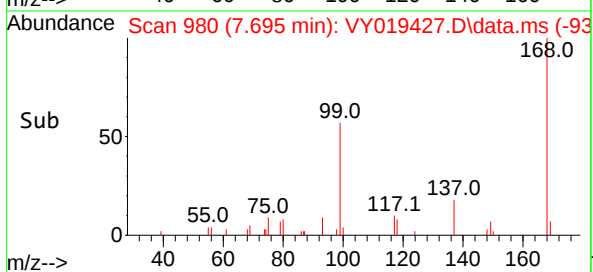
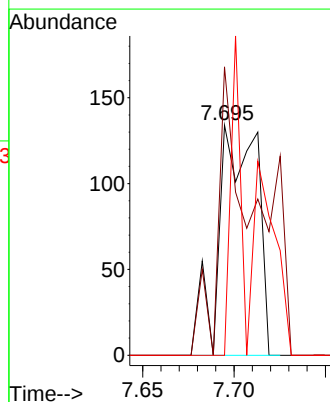
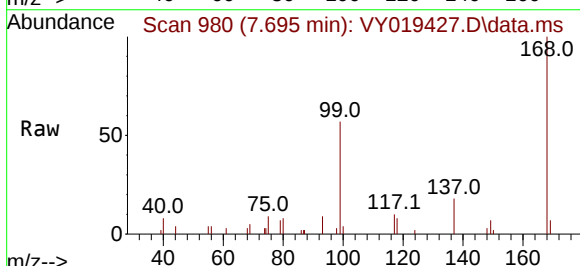
RT: 7.695 min Scan# 980

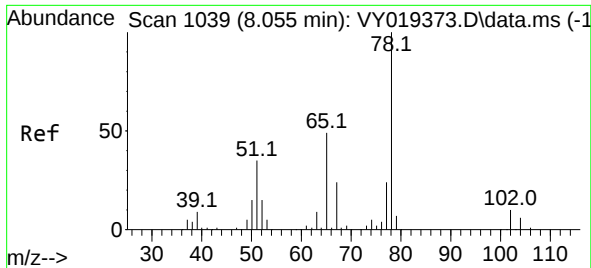
Delta R.T. 0.006 min

Lab File: VY019427.D

Acq: 03 Sep 2024 14:27

Tgt Ion:	56	Resp:	197
Ion	Ratio	Lower	Upper
56	100		
69	125.4	28.7	43.1#
84	0.0	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 43.560 ug/l

RT: 8.054 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY019427.D

Acq: 03 Sep 2024 14:27

Instrument :

MSVOA_Y

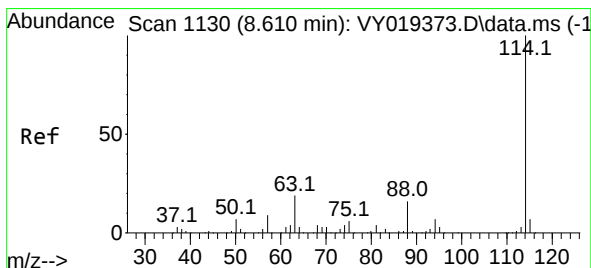
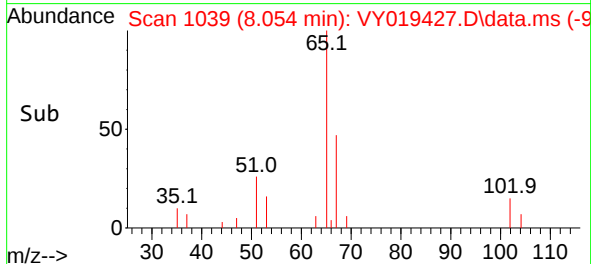
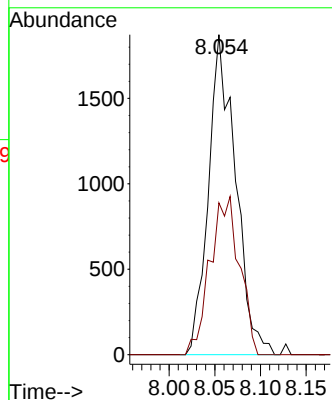
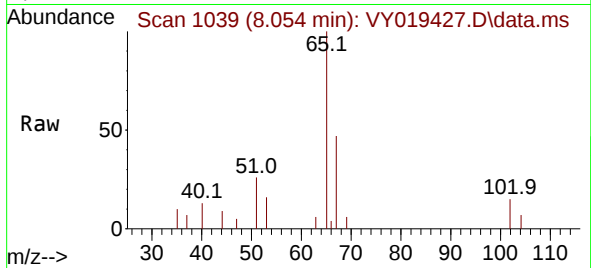
ClientSampleId :

Tgt Ion: 65 Resp: 3866

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY019427.D

Acq: 03 Sep 2024 14:27

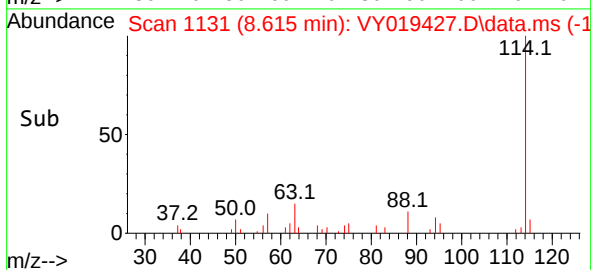
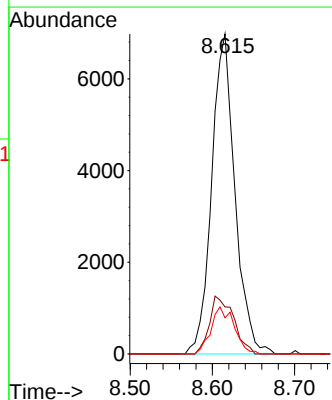
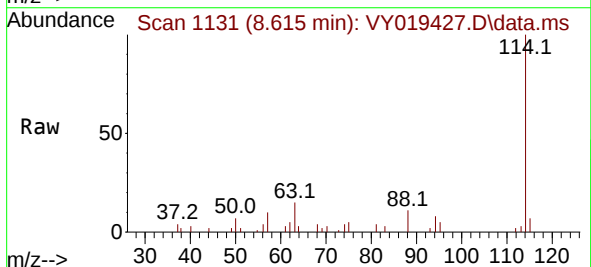
Tgt Ion: 114 Resp: 13717

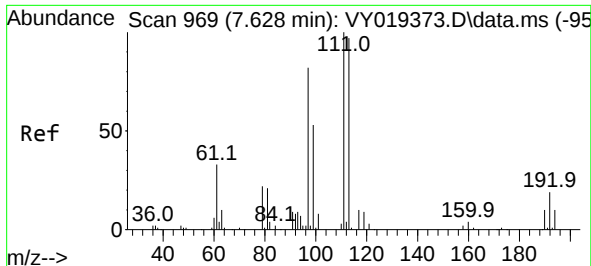
Ion Ratio Lower Upper

114 100

63 14.7 0.0 35.0

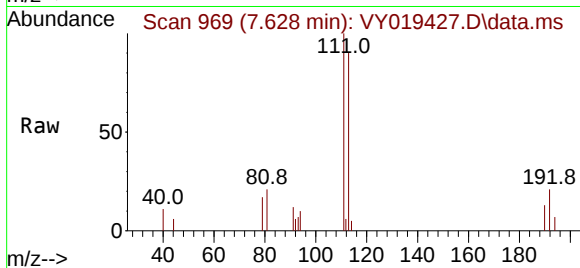
88 11.3 0.0 27.2



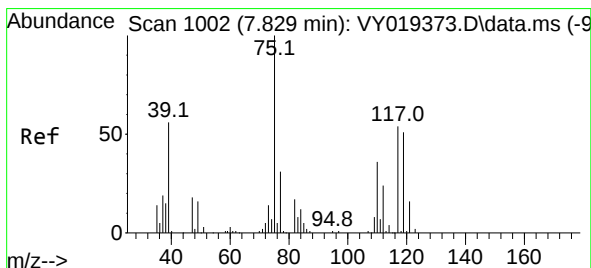
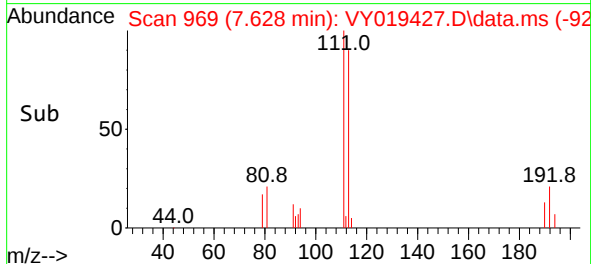
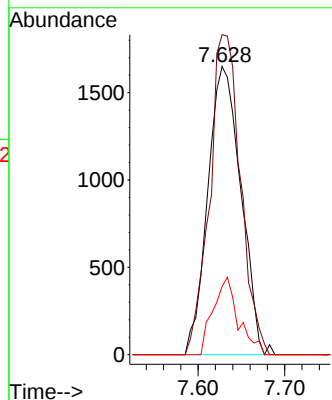


#35
Dibromofluoromethane
Concen: 50.540 ug/l
RT: 7.628 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY019427.D
Acq: 03 Sep 2024 14:27

Instrument :
MSVOA_Y
ClientSampleId :

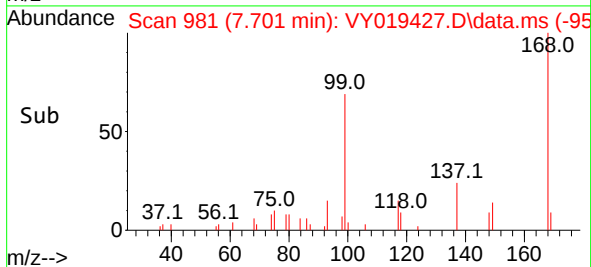
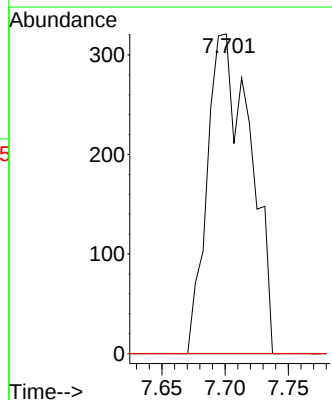
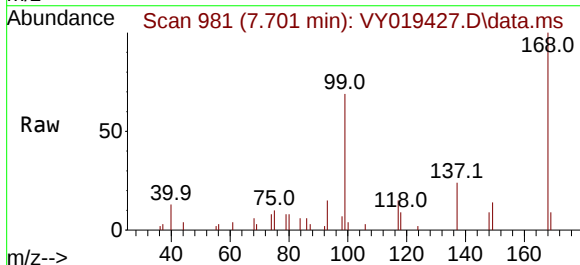


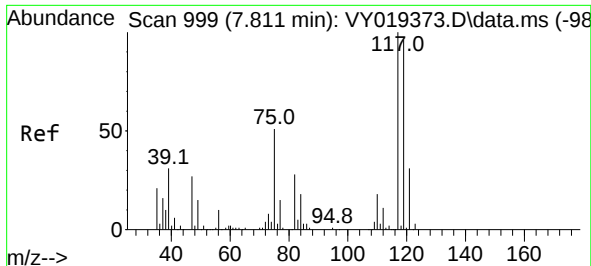
Tgt Ion:113 Resp: 4383
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 20.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 6.193 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY019427.D
Acq: 03 Sep 2024 14:27

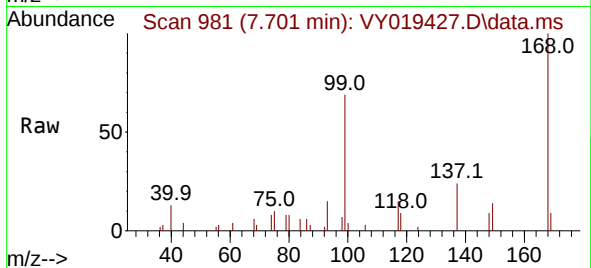
Tgt Ion: 75 Resp: 759
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



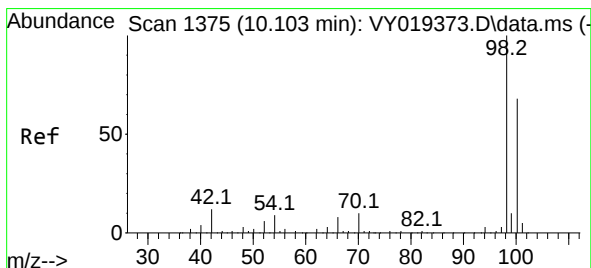
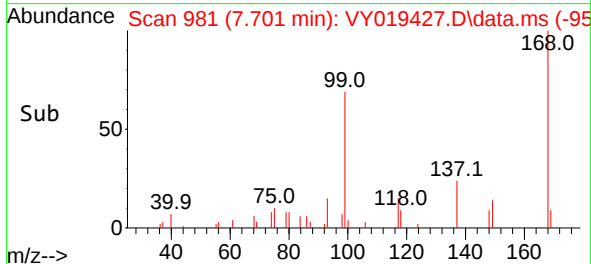
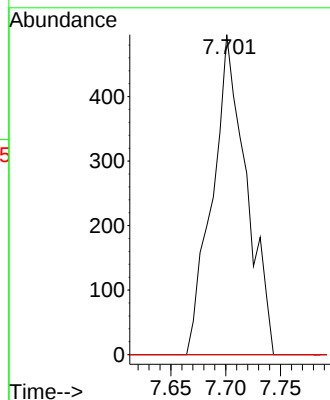


#38
Carbon Tetrachloride
Concen: 7.150 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019427.D
Acq: 03 Sep 2024 14:27

Instrument :
MSVOA_Y
ClientSampleId :

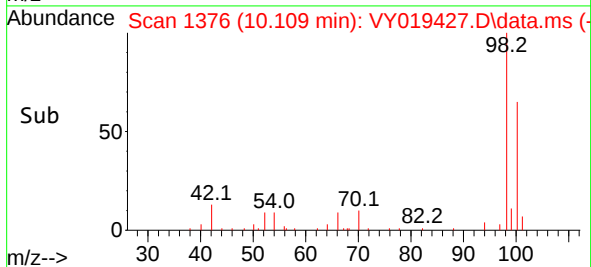
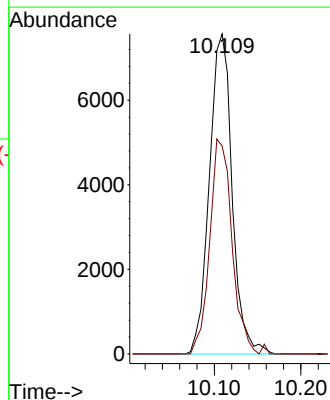
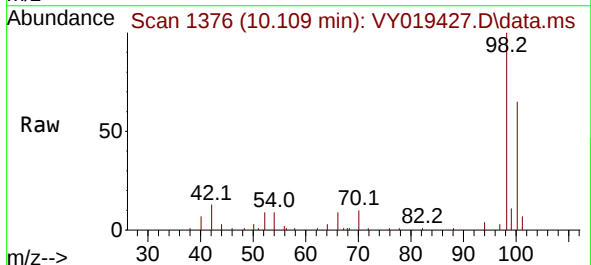


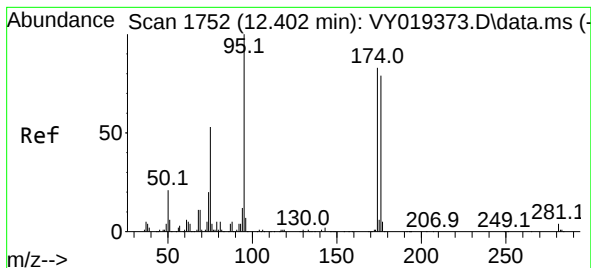
Tgt Ion:117 Resp: 1068
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 43.268 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY019427.D
Acq: 03 Sep 2024 14:27

Tgt Ion: 98 Resp: 13813
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

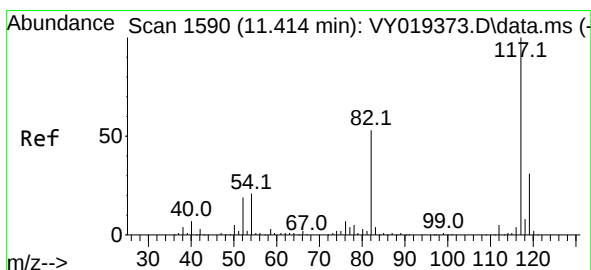
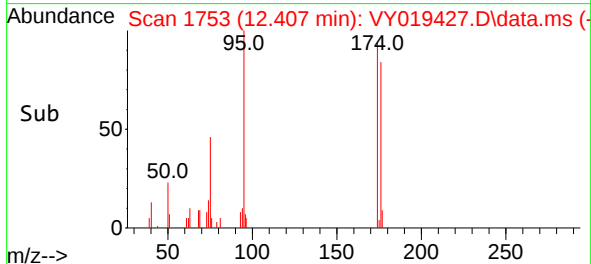
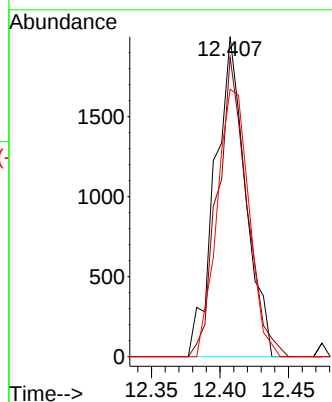
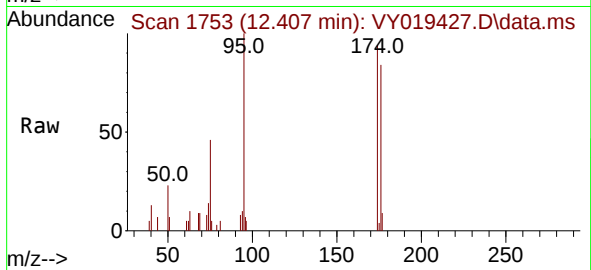




#62
4-Bromofluorobenzene
Concen: 30.042 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019427.D
Acq: 03 Sep 2024 14:27

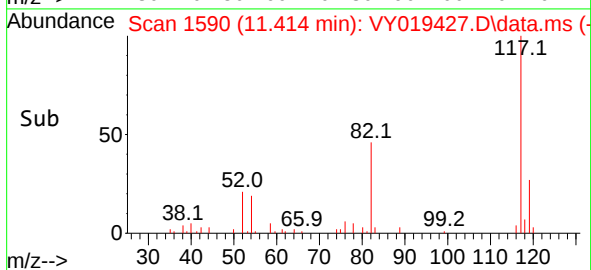
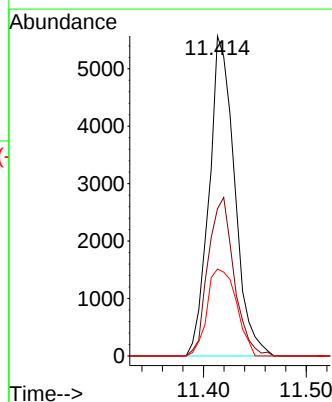
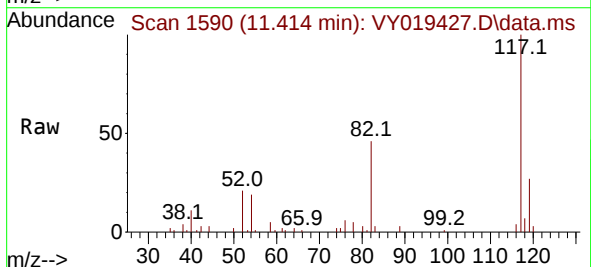
Instrument :
MSVOA_Y
ClientSampleId :

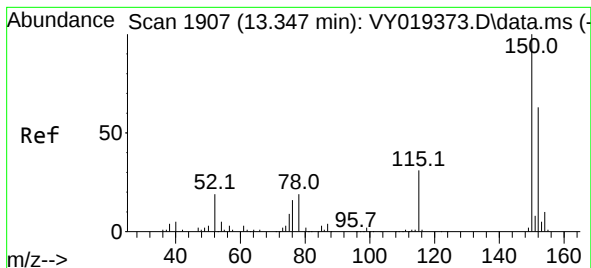
Tgt Ion: 95 Resp: 3102
Ion Ratio Lower Upper
95 100
174 89.2 0.0 175.6
176 87.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY019427.D
Acq: 03 Sep 2024 14:27

Tgt Ion: 117 Resp: 9601
Ion Ratio Lower Upper
117 100
82 46.0 42.4 63.6
119 27.2 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019427.D

Acq: 03 Sep 2024 14:27

Instrument :

MSVOA_Y

ClientSampleId :

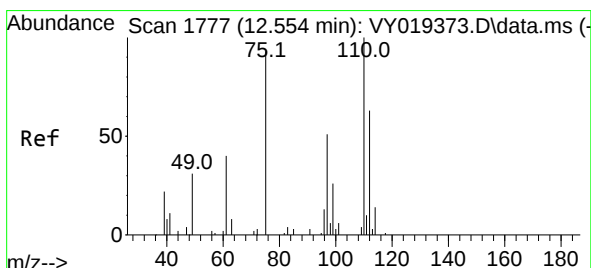
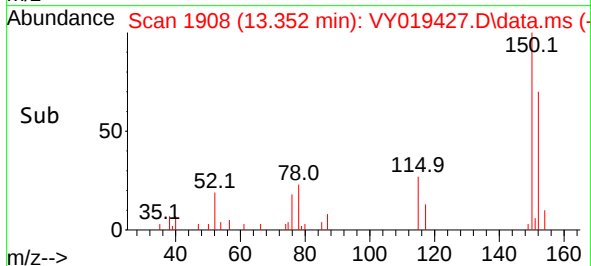
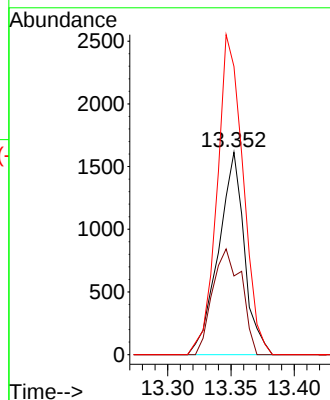
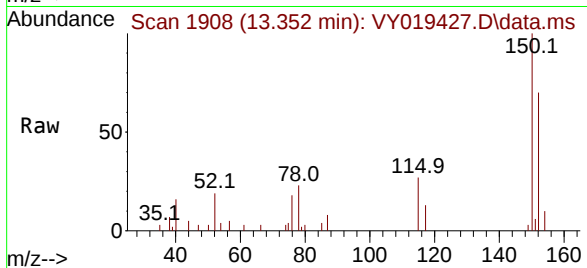
Tgt Ion:152 Resp: 2298

Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 158.6 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 79.976 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.147 min

Lab File: VY019427.D

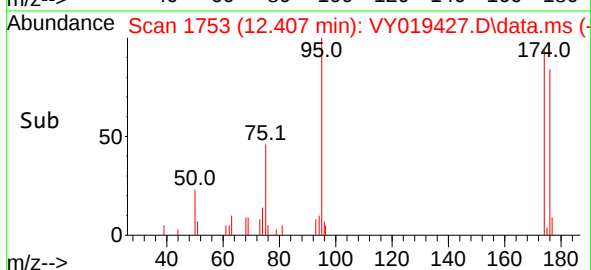
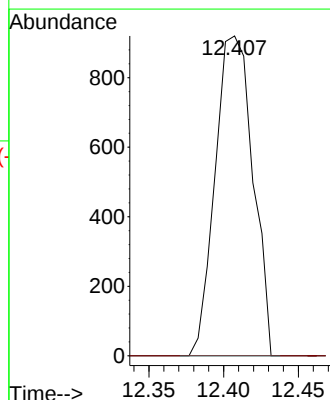
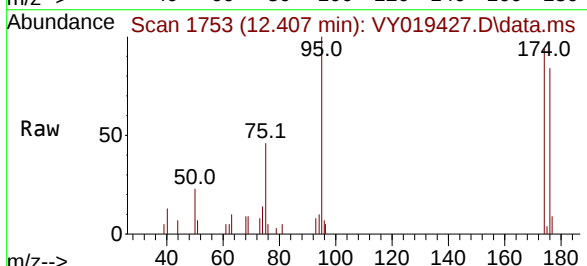
Acq: 03 Sep 2024 14:27

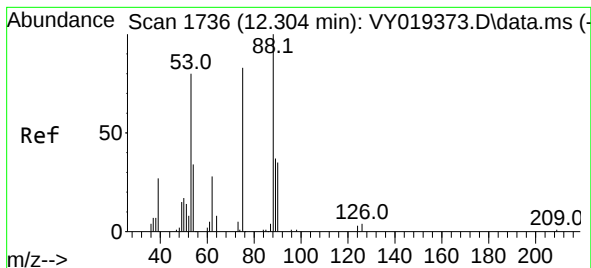
Tgt Ion: 75 Resp: 1614

Ion Ratio Lower Upper

75 100

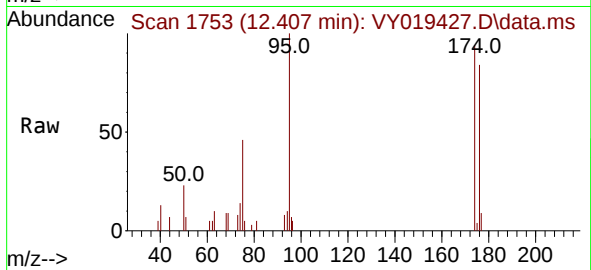
77 0.0 0.0 0.0



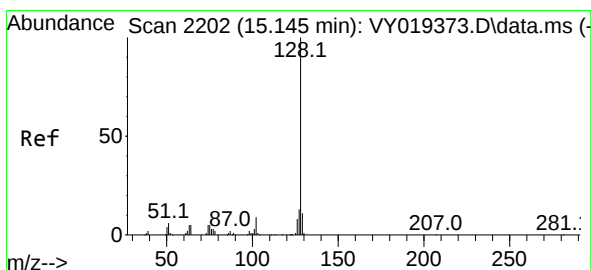
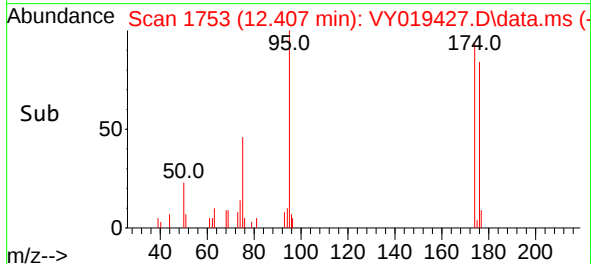
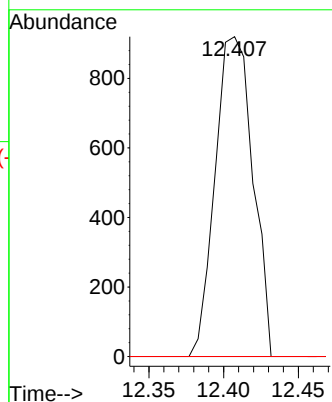


#81
 trans-1,4-Dichloro-2-butene
 Concen: 197.867 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. 0.103 min
 Lab File: VY019427.D
 Acq: 03 Sep 2024 14:27

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 1614
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#



#95
 Naphthalene
 Concen: 55.720 ug/l
 RT: 15.151 min Scan# 2203
 Delta R.T. 0.006 min
 Lab File: VY019427.D
 Acq: 03 Sep 2024 14:27

Tgt Ion: 128 Resp: 3286
 Ion Ratio Lower Upper
 128 100
 127 17.7 10.6 16.0#
 129 11.6 8.6 13.0

