

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
 Data File : VY019435.D
 Acq On : 03 Sep 2024 17:34
 Operator : SY/MD
 Sample : P3814-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 04 01:37:14 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)

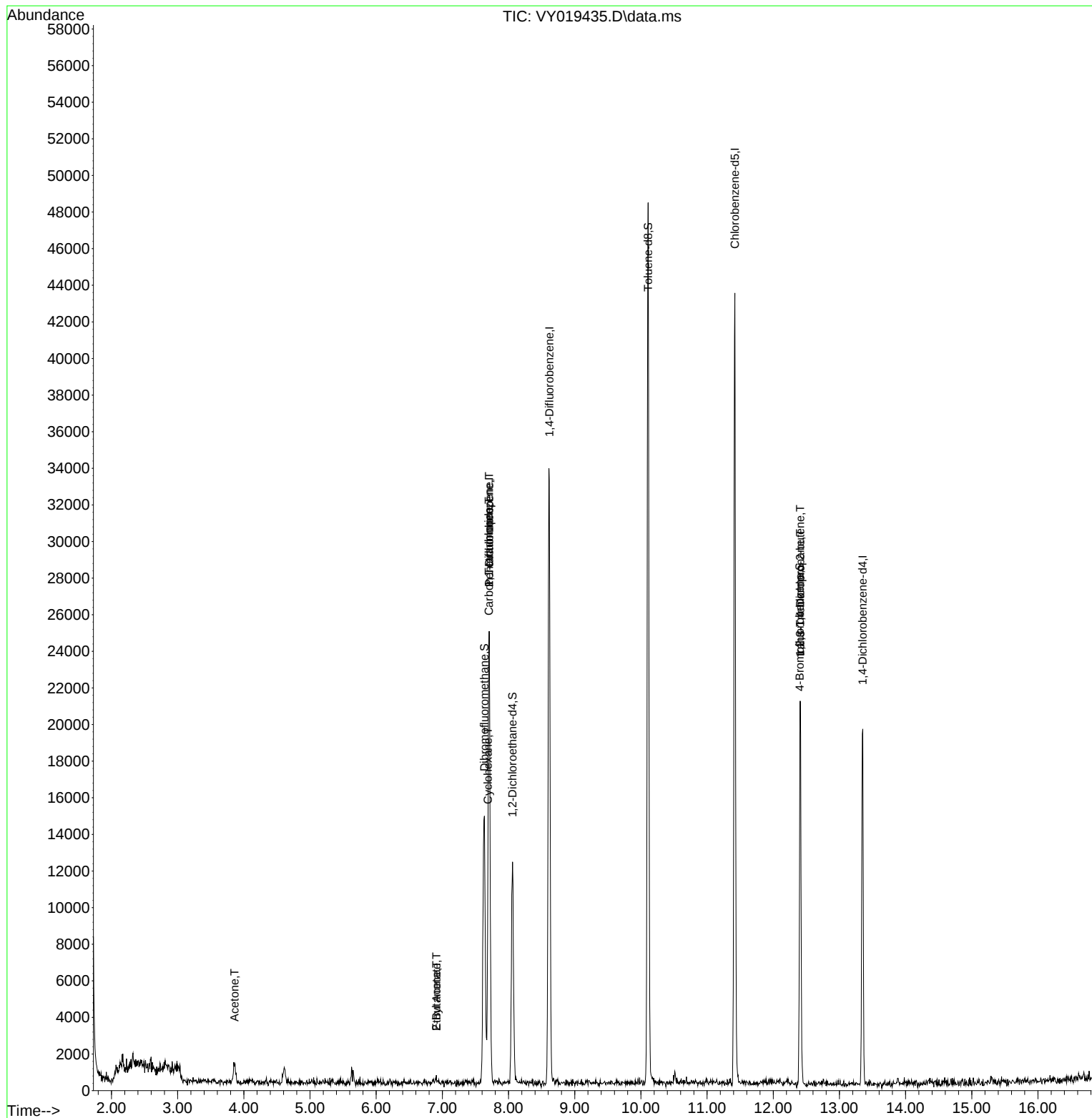
Internal Standards						
1) Pentafluorobenzene	7.707	168	19175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	29782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	24243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	5616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	9868	54.333	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.660%	
35) Dibromofluoromethane	7.634	113	10265	54.516	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.040%	
50) Toluene-d8	10.109	98	32233	46.503	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.000%	
62) 4-Bromofluorobenzene	12.401	95	7014	31.286	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 62.580%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.611	94	123	Below Cal	#	3
16) Acetone	3.860	43	1883	52.711	ug/l #	74
20) Methylene Chloride	4.604	84	590	Below Cal	#	89
25) 2-Butanone	6.909	43	436	9.125	ug/l #	86
31) Cyclohexane	7.689	56	487	1.577	ug/l #	42
36) 1,1-Dichloropropene	7.707	75	1618	6.081	ug/l #	40
37) Ethyl Acetate	6.909	43	436	4.139	ug/l #	67
38) Carbon Tetrachloride	7.701	117	1961	6.047	ug/l #	13
76) 1,2,3-Trichloropropane	12.408	75	3552	72.020	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	3552	178.182	ug/l #	16

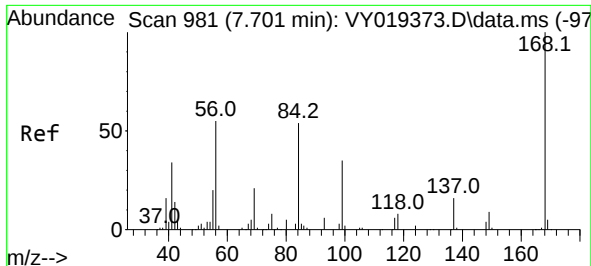
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 30 02:45:30 2024
Response via : Initial Calibration

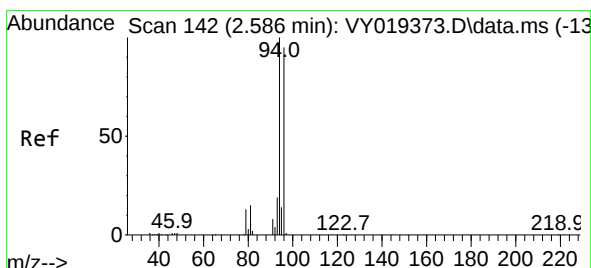
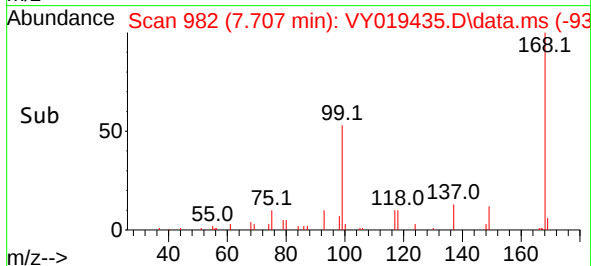
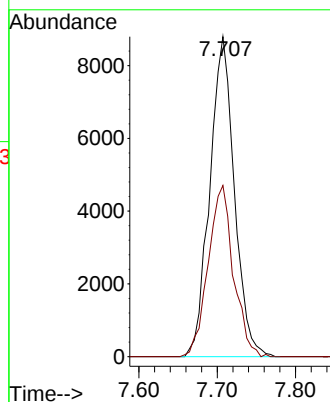
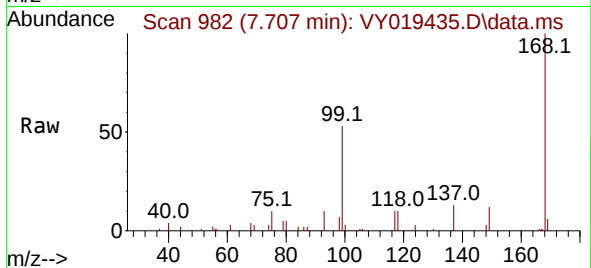




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019435.D
Acq: 03 Sep 2024 17:34

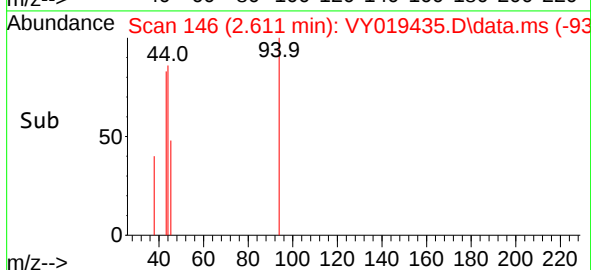
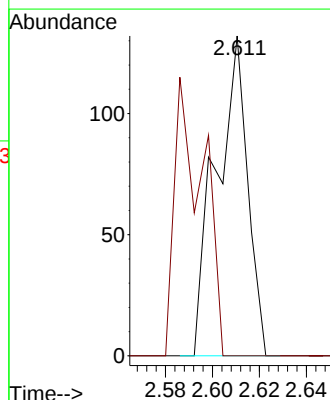
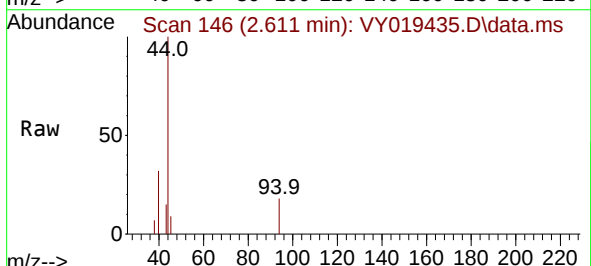
Instrument :
MSVOA_Y
ClientSampleId :

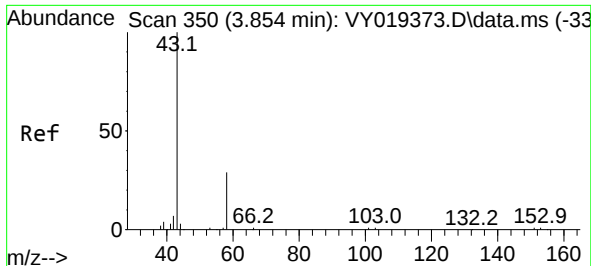
Tgt Ion:168 Resp: 19175
Ion Ratio Lower Upper
168 100
99 53.5 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.611 min Scan# 146
Delta R.T. 0.025 min
Lab File: VY019435.D
Acq: 03 Sep 2024 17:34

Tgt Ion: 94 Resp: 123
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#

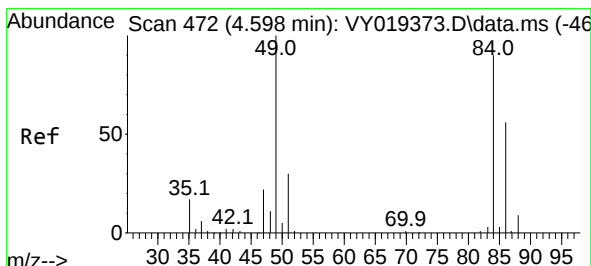
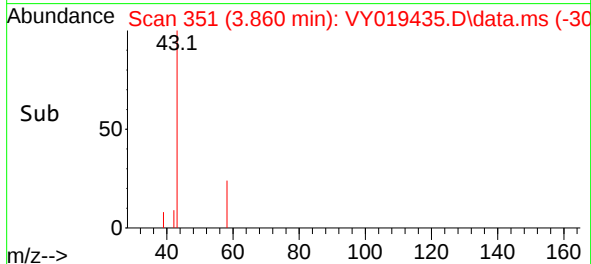
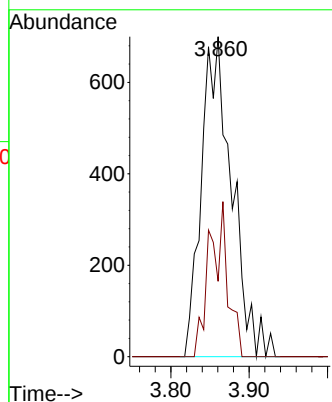
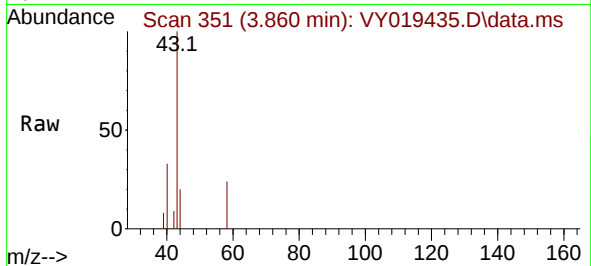




#16
Acetone
Concen: 52.711 ug/l
RT: 3.860 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY019435.D
Acq: 03 Sep 2024 17:34

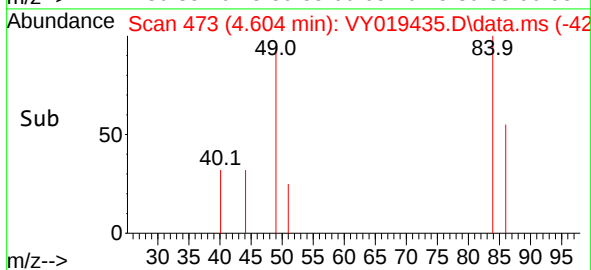
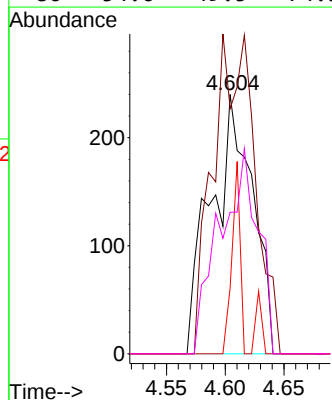
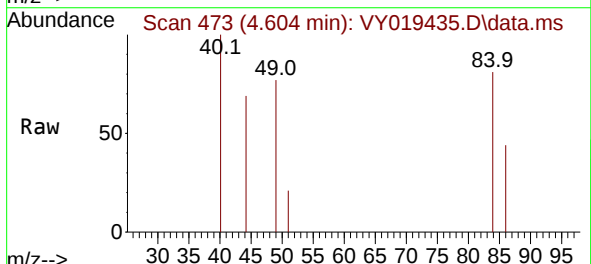
Instrument :
MSVOA_Y
ClientSampleId :

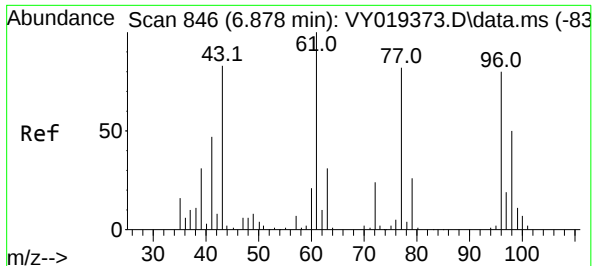
Tgt Ion: 43 Resp: 1883
Ion Ratio Lower Upper
43 100
58 23.6 31.7 47.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.604 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY019435.D
Acq: 03 Sep 2024 17:34

Tgt Ion: 84 Resp: 590
Ion Ratio Lower Upper
84 100
49 94.6 84.4 126.6
51 25.4 26.0 39.0#
86 54.6 49.5 74.3





#25

2-Butanone

Concen: 9.125 ug/l

RT: 6.909 min Scan# 846

Delta R.T. 0.030 min

Lab File: VY019435.D

Acq: 03 Sep 2024 17:34

Instrument :

MSVOA_Y

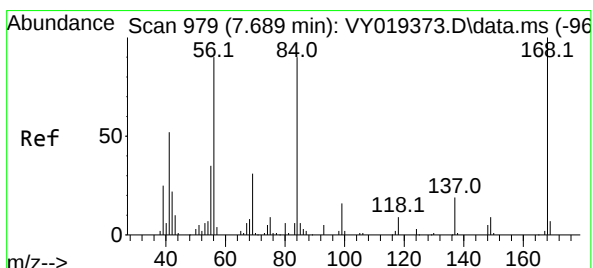
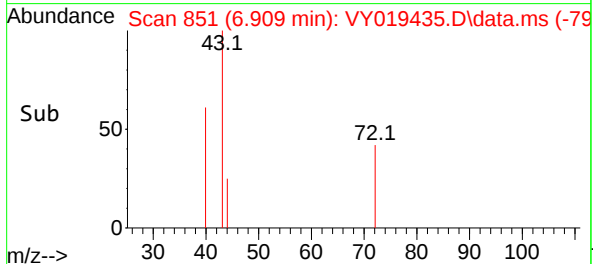
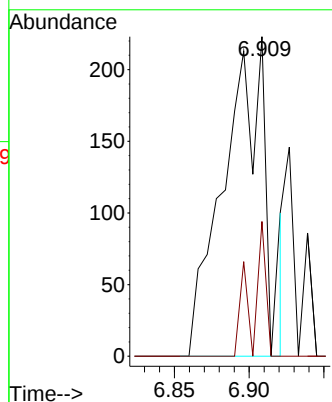
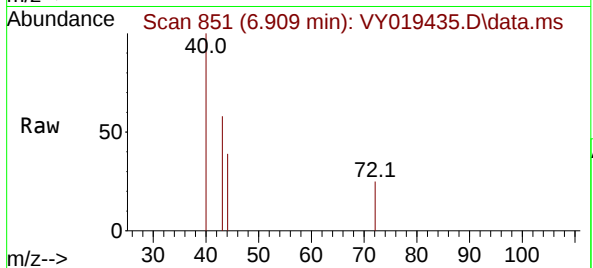
ClientSampleId :

Tgt Ion: 43 Resp: 436

Ion Ratio Lower Upper

43 100

72 42.2 27.3 40.9#



#31

Cyclohexane

Concen: 1.577 ug/l

RT: 7.689 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY019435.D

Acq: 03 Sep 2024 17:34

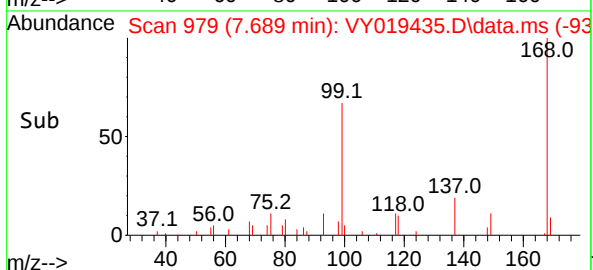
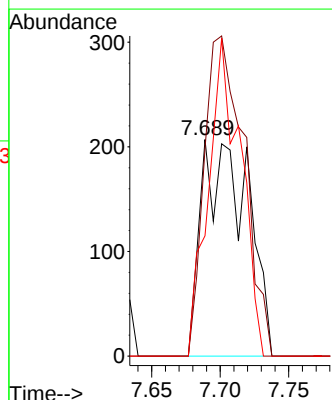
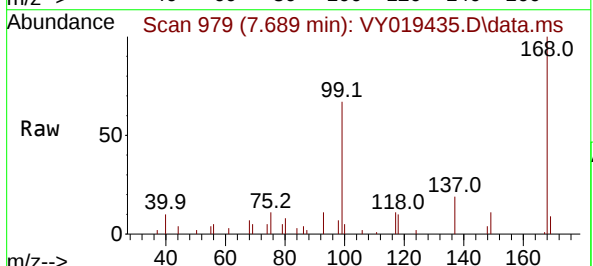
Tgt Ion: 56 Resp: 487

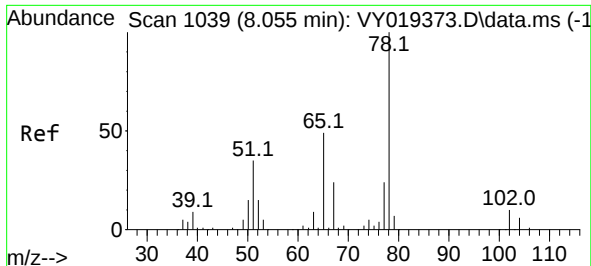
Ion Ratio Lower Upper

56 100

69 95.7 28.7 43.1#

84 55.6 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 54.333 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019435.D

Acq: 03 Sep 2024 17:34

Instrument :

MSVOA_Y

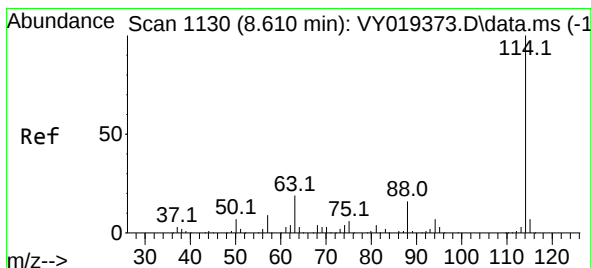
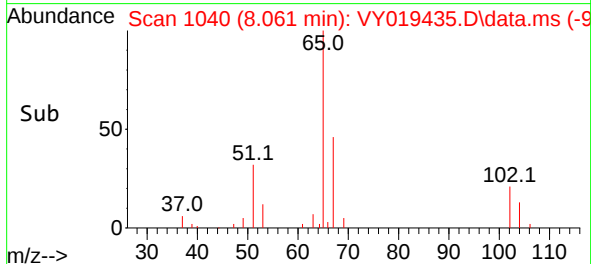
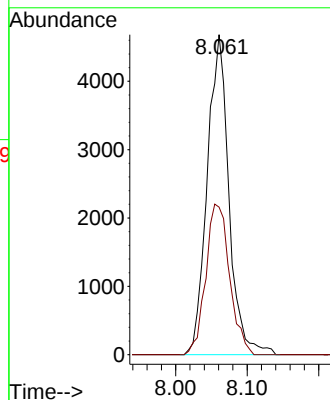
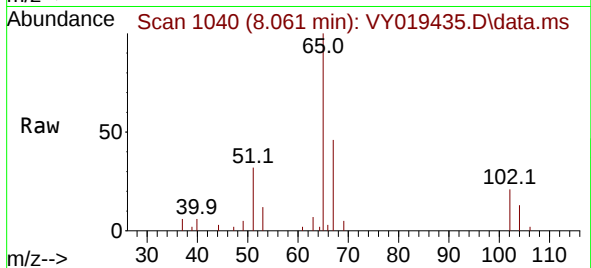
ClientSampleId :

Tgt Ion: 65 Resp: 9868

Ion Ratio Lower Upper

65 100

67 51.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY019435.D

Acq: 03 Sep 2024 17:34

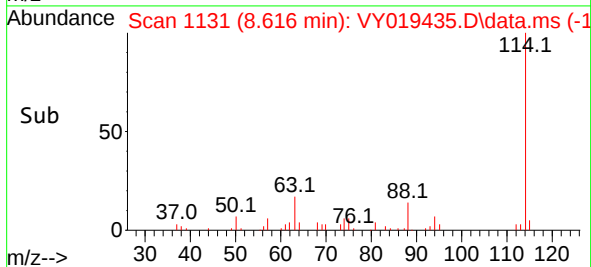
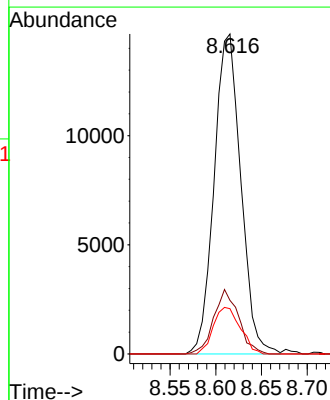
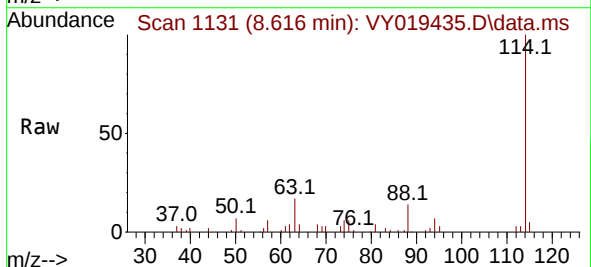
Tgt Ion: 114 Resp: 29782

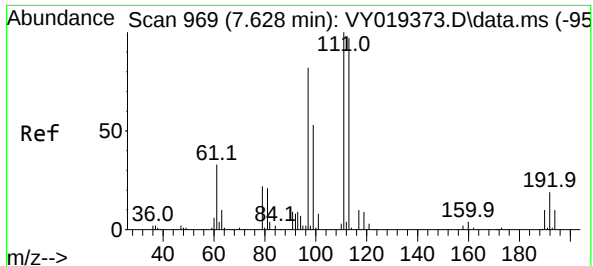
Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

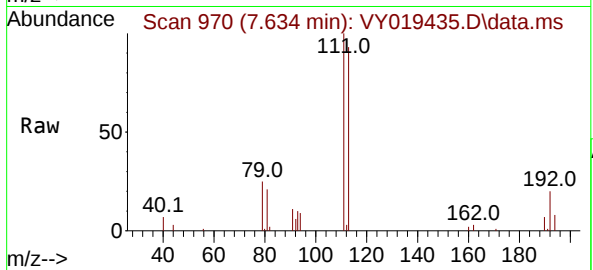
88 14.1 0.0 27.2



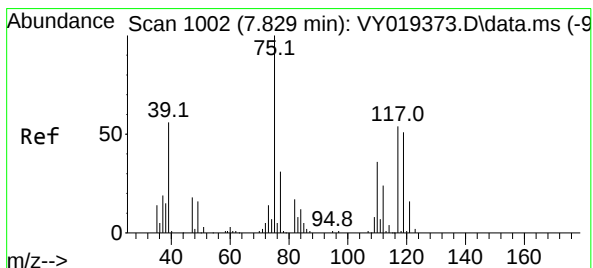
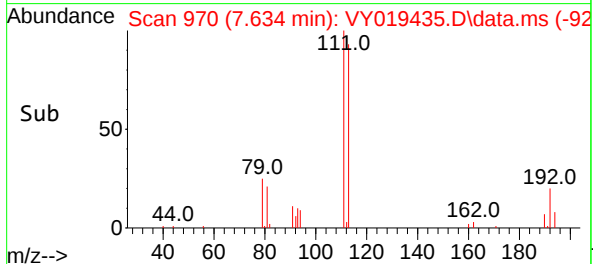
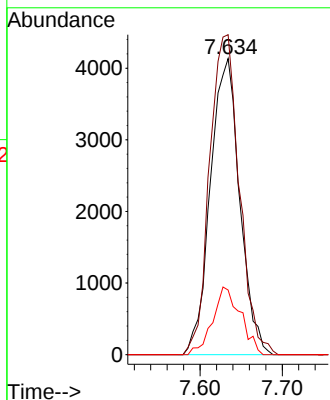


#35
Dibromofluoromethane
Concen: 54.516 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019435.D
Acq: 03 Sep 2024 17:34

Instrument :
MSVOA_Y
ClientSampleId :

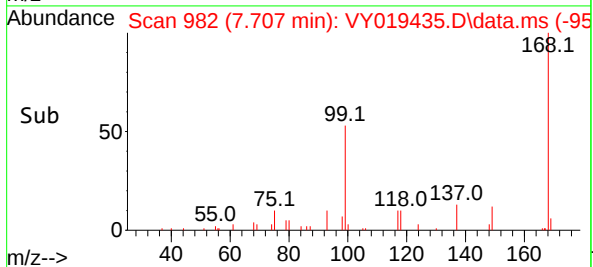
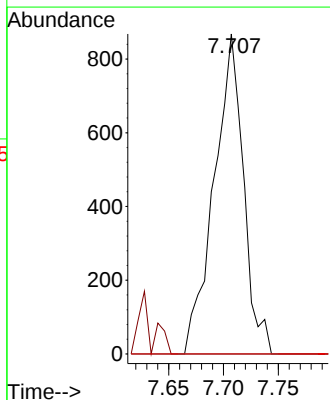
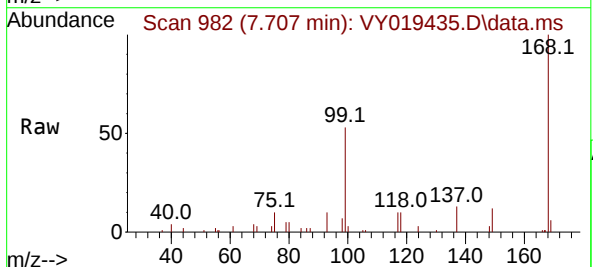


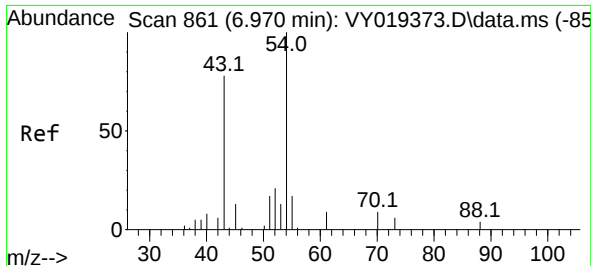
Tgt Ion:113 Resp: 10265
Ion Ratio Lower Upper
113 100
111 109.0 82.2 123.4
192 21.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 6.081 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY019435.D
Acq: 03 Sep 2024 17:34

Tgt Ion: 75 Resp: 1618
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 4.139 ug/l

RT: 6.909 min Scan# 81

Delta R.T. -0.061 min

Lab File: VY019435.D

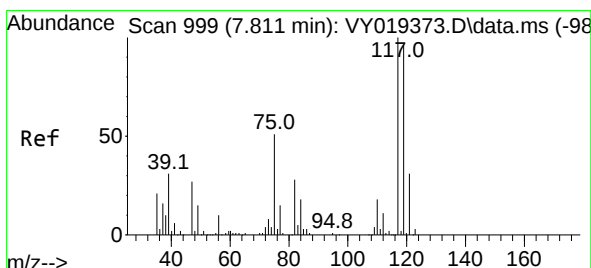
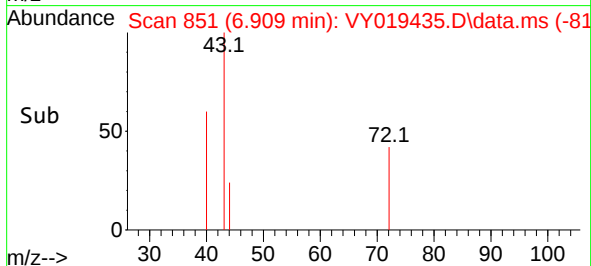
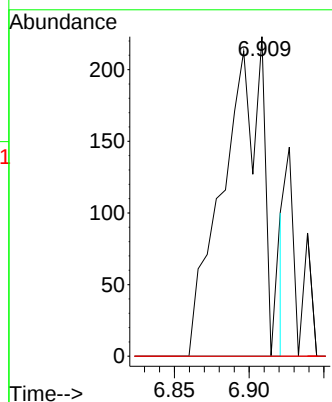
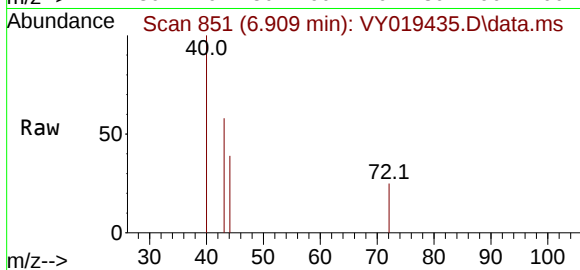
Acq: 03 Sep 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	436
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.6	19.0#
70	0.0	7.8	11.8#



#38

Carbon Tetrachloride

Concen: 6.047 ug/l

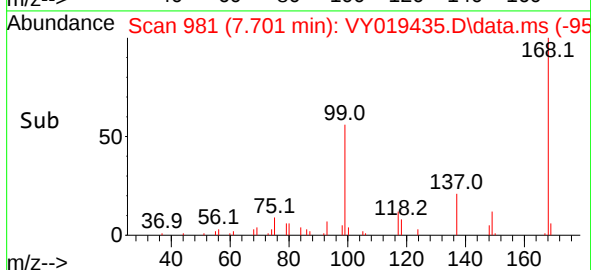
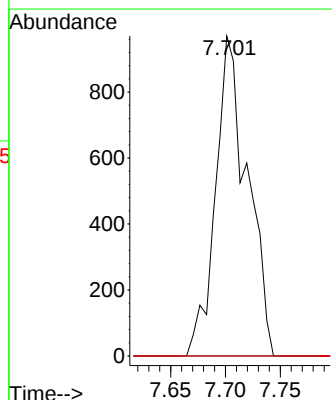
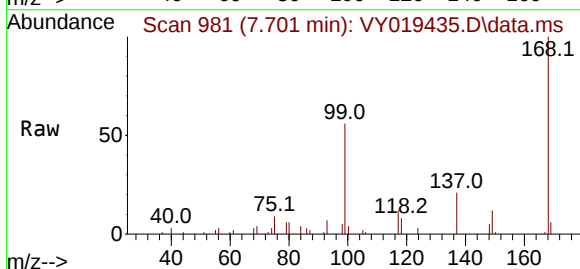
RT: 7.701 min Scan# 981

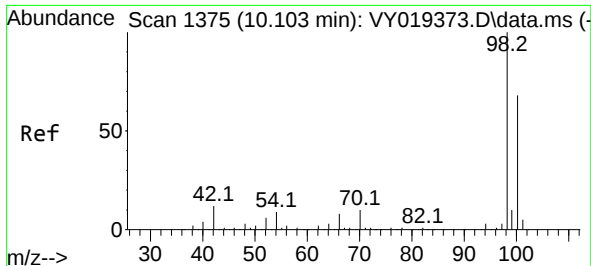
Delta R.T. -0.110 min

Lab File: VY019435.D

Acq: 03 Sep 2024 17:34

Tgt Ion:	117	Resp:	1961
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.6#
121	0.0	24.0	36.0#

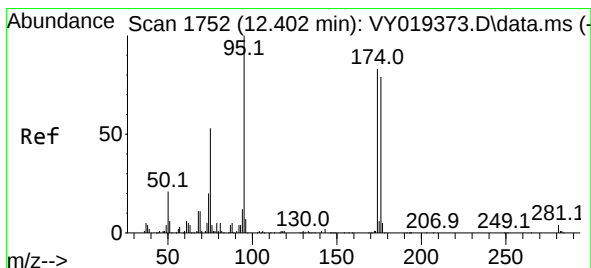
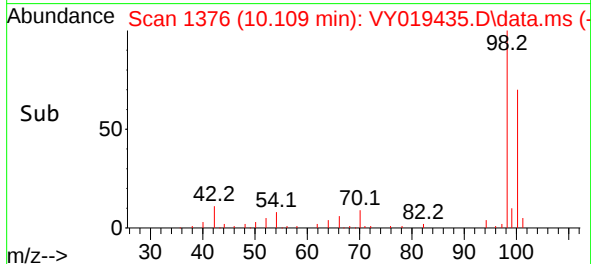
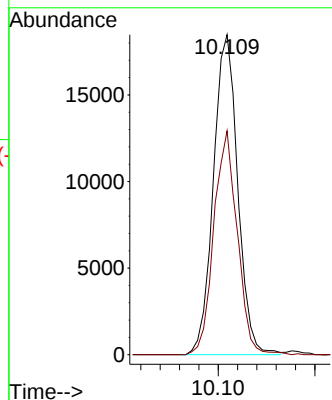
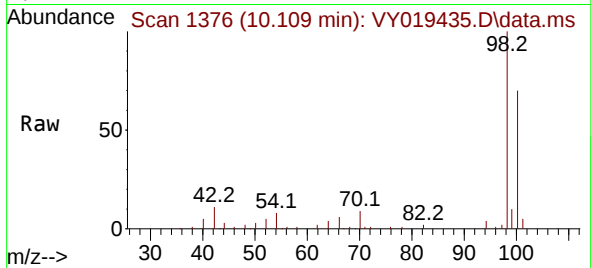




#50
Toluene-d8
Concen: 46.503 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019435.D
Acq: 03 Sep 2024 17:34

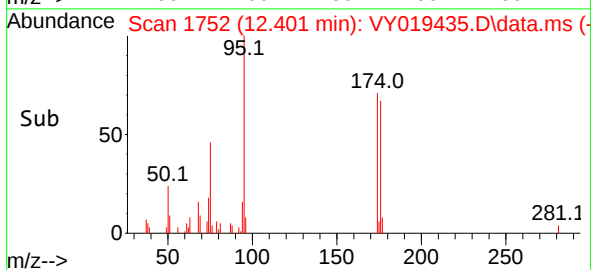
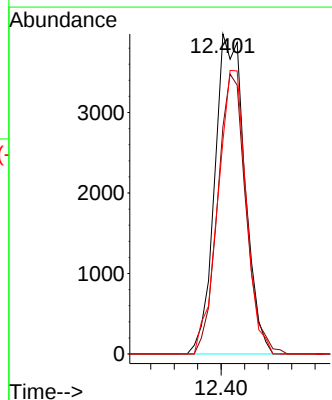
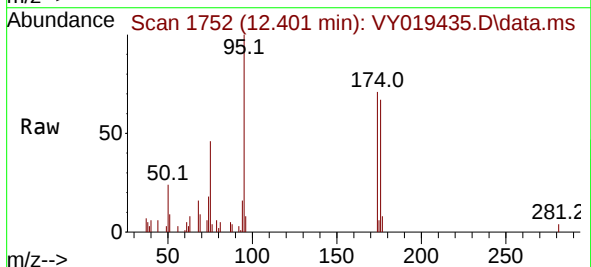
Instrument :
MSVOA_Y
ClientSampleId :

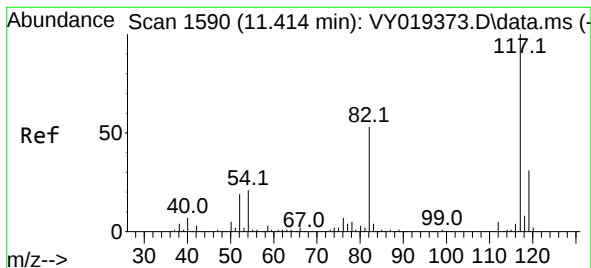
Tgt Ion: 98 Resp: 32233
Ion Ratio Lower Upper
98 100
100 67.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 31.286 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY019435.D
Acq: 03 Sep 2024 17:34

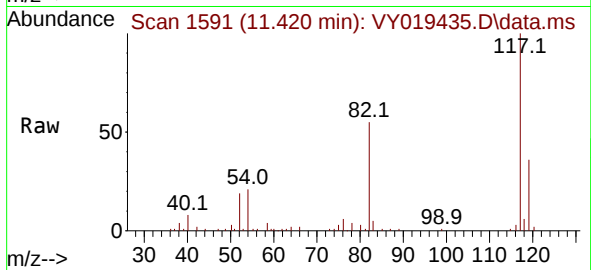
Tgt Ion: 95 Resp: 7014
Ion Ratio Lower Upper
95 100
174 82.3 0.0 175.6
176 83.7 0.0 171.4



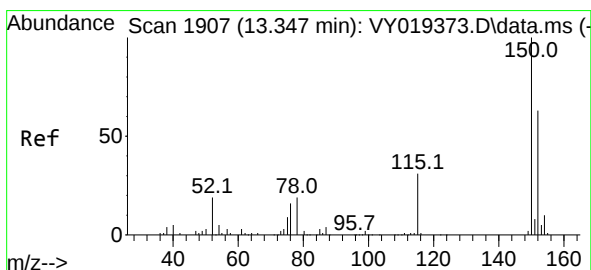
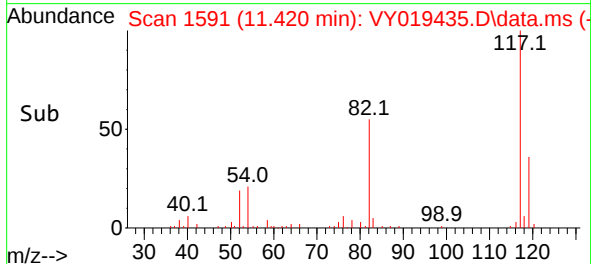
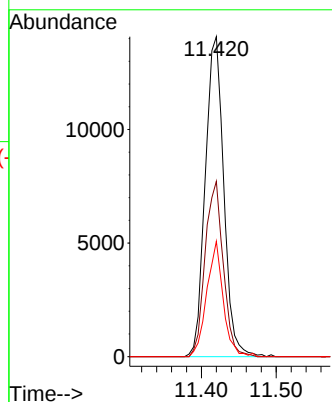


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY019435.D
Acq: 03 Sep 2024 17:34

Instrument :
MSVOA_Y
ClientSampleId :

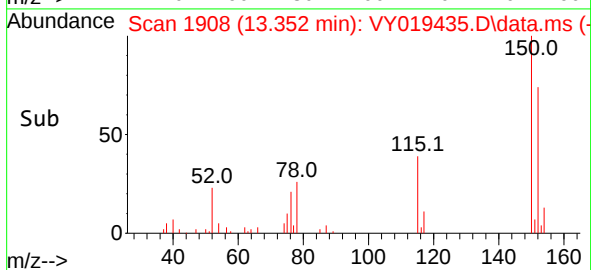
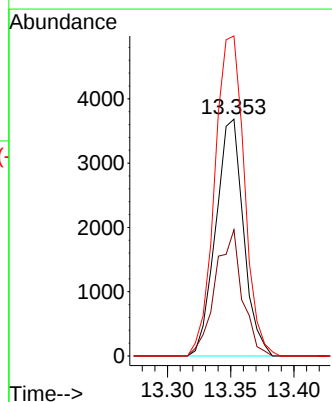
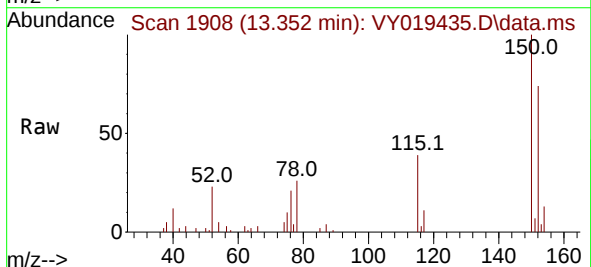


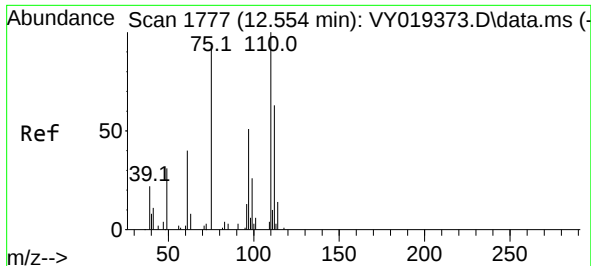
Tgt Ion:117 Resp: 24243
Ion Ratio Lower Upper
117 100
82 54.8 42.4 63.6
119 36.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019435.D
Acq: 03 Sep 2024 17:34

Tgt Ion:152 Resp: 5616
Ion Ratio Lower Upper
152 100
115 51.8 28.2 84.7
150 143.7 0.0 345.6

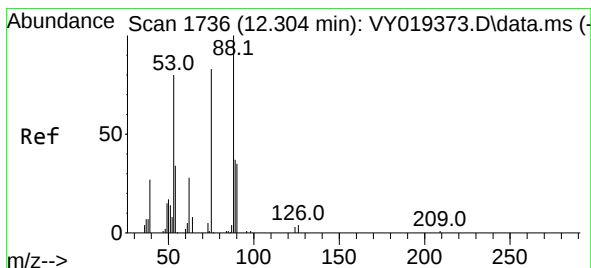
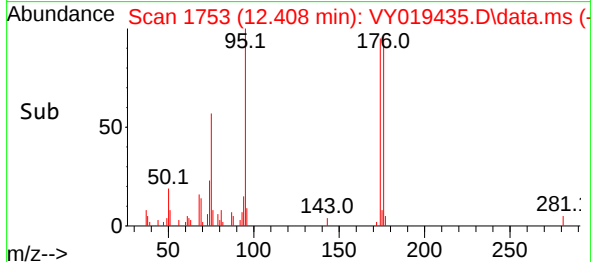
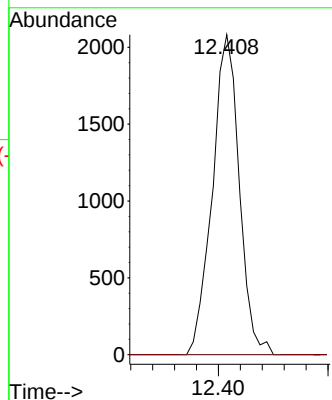
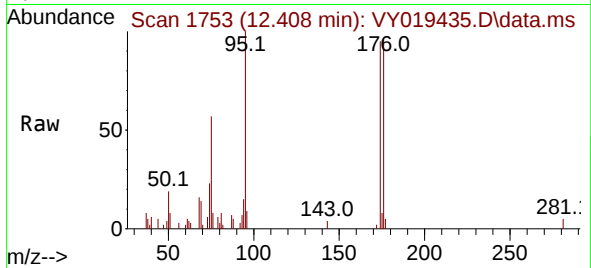




#76
1,2,3-Trichloropropane
Concen: 72.020 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019435.D
Acq: 03 Sep 2024 17:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 3552
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 178.182 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019435.D
Acq: 03 Sep 2024 17:34

Tgt Ion: 75 Resp: 3552
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

