

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019279.D
 Acq On : 27 Aug 2024 11:43
 Operator : SY/MD
 Sample : VY0827SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 27 15:43:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

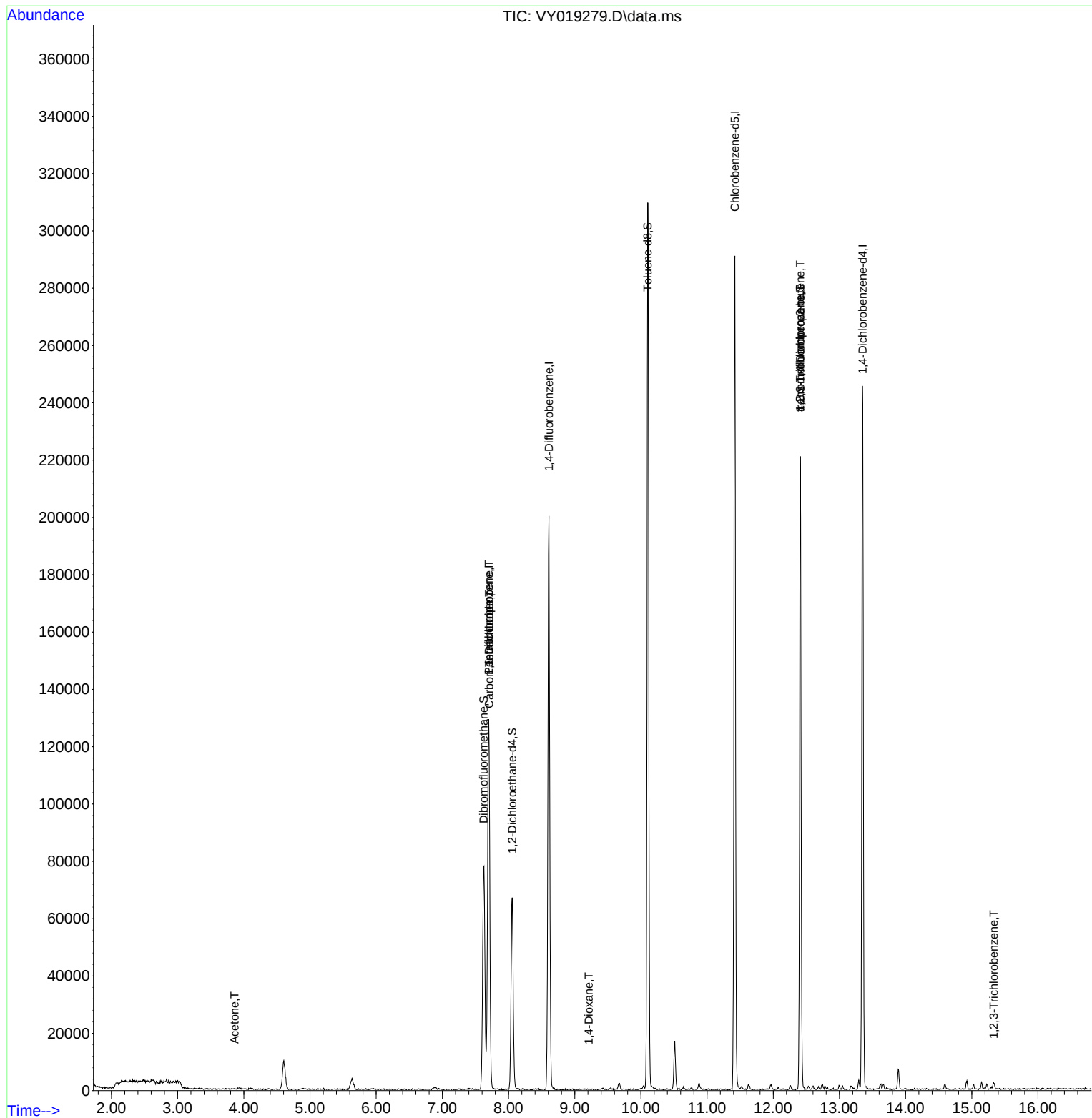
Internal Standards						
1) Pentafluorobenzene	7.701	168	102538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	171090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	157761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	61759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	54701	53.218	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.440%	
35) Dibromofluoromethane	7.622	113	55277	49.412	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.820%	
50) Toluene-d8	10.103	98	198930	49.414	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.820%	
62) 4-Bromofluorobenzene	12.407	95	62269	45.373	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 90.740%	
Target Compounds						Qvalue
5) Bromomethane	2.598	94	730	Below Cal	#	64
6) Chloroethane	2.726	64	46	Below Cal	#	42
11) Tert butyl alcohol	5.110	59	20	Below Cal	#	88
16) Acetone	3.860	43	326	1.710	ug/l	95
20) Methylene Chloride	4.604	84	7080	Below Cal	#	90
31) Cyclohexane	7.701	56	2165	Below Cal	#	30
36) 1,1-Dichloropropene	7.701	75	8157	5.310	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	10534	5.917	ug/l	# 18
49) 1,4-Dioxane	9.213	88	24	2.910	ug/l	# 20
76) 1,2,3-Trichloropropane	12.407	75	33809	55.510	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.407	75	33809	137.092	ug/l	# 16
96) 1,2,3-Trichlorobenzene	15.334	180	1053	1.123	ug/l	88

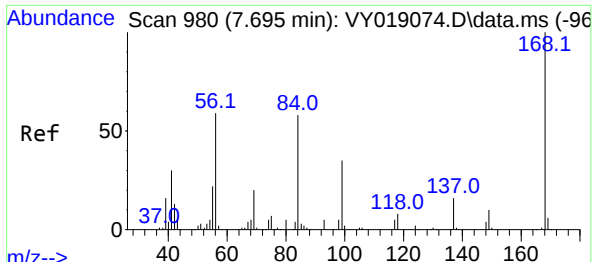
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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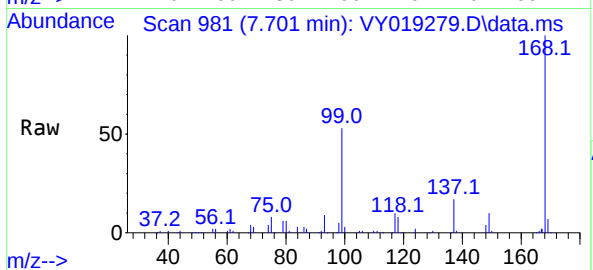
Quant Time: Aug 27 15:43:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration



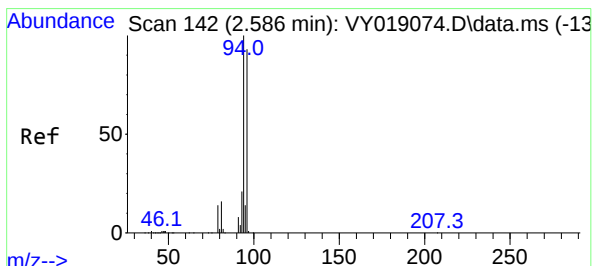
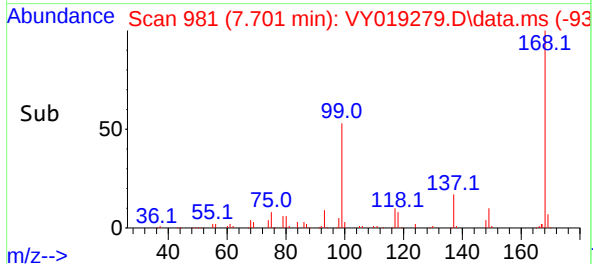
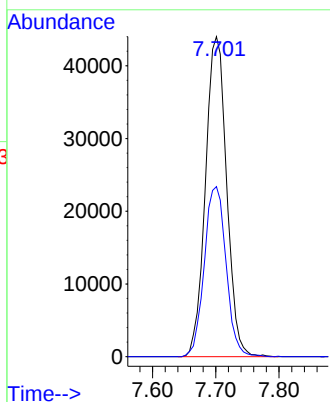


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019279.D
Acq: 27 Aug 2024 11:43

Instrument :
MSVOA_Y
ClientSampleId :

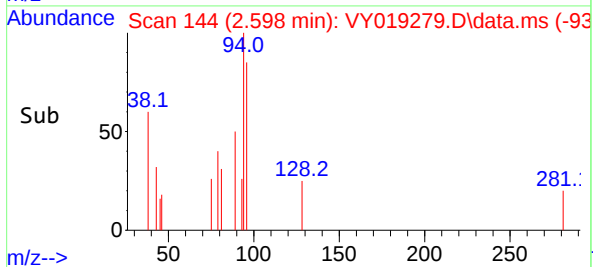
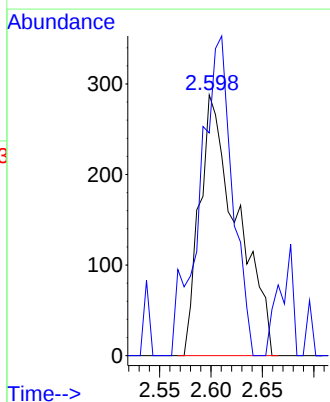
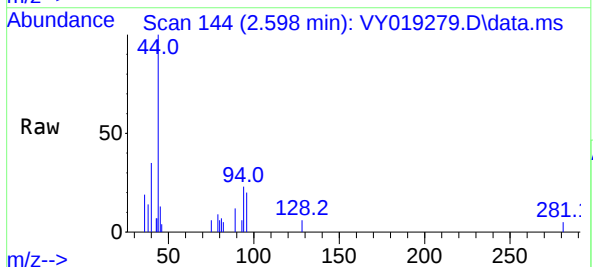


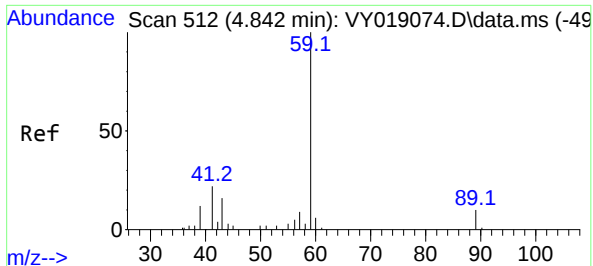
Tgt Ion:168 Resp: 102538
Ion Ratio Lower Upper
168 100
99 53.2 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019279.D
Acq: 27 Aug 2024 11:43

Tgt Ion: 94 Resp: 730
Ion Ratio Lower Upper
94 100
96 58.3 74.1 111.1#

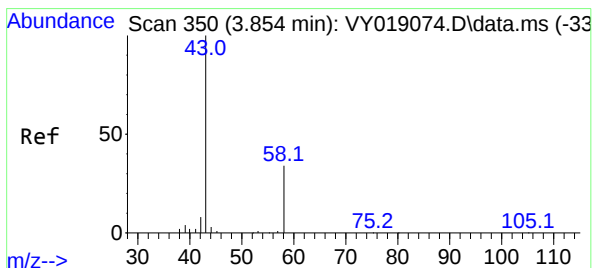
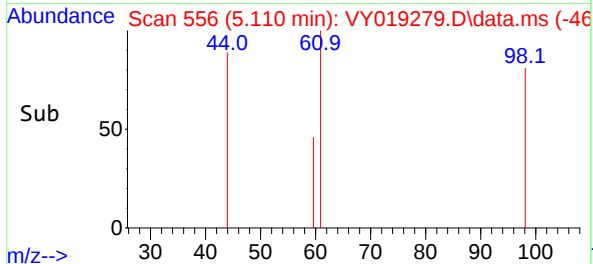
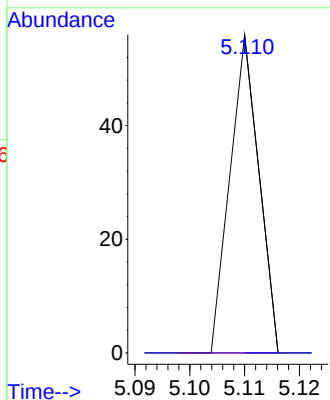
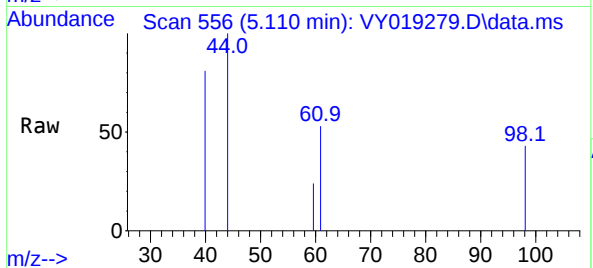




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.110 min Scan# 51
Delta R.T. 0.268 min
Lab File: VY019279.D
Acq: 27 Aug 2024 11:43

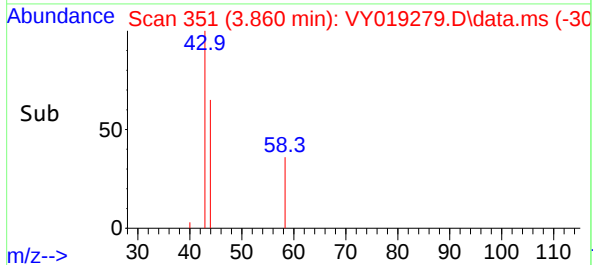
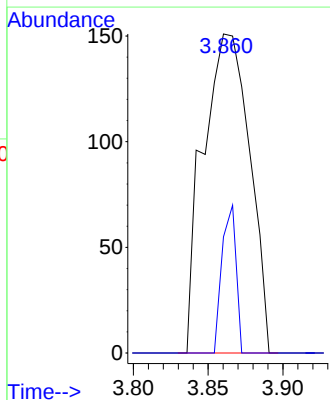
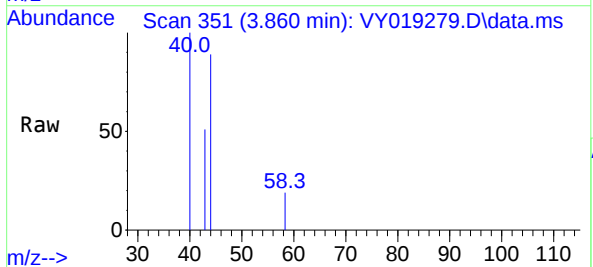
Instrument :
MSVOA_Y
ClientSampleId :

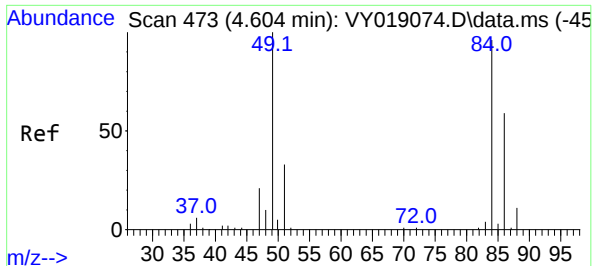
Tgt Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#16
Acetone
Concen: 1.710 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019279.D
Acq: 27 Aug 2024 11:43

Tgt Ion: 43 Resp: 326
Ion Ratio Lower Upper
43 100
58 36.4 31.7 47.5





#20

Methylene Chloride

Concen: Below Cal

RT: 4.604 min Scan# 41

Delta R.T. 0.000 min

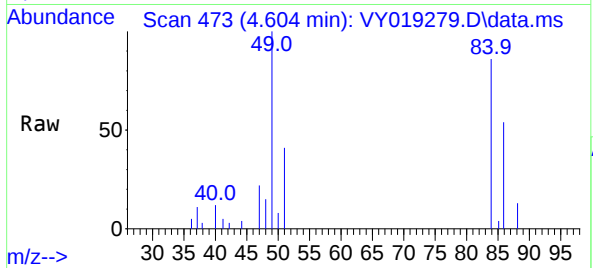
Lab File: VY019279.D

Acq: 27 Aug 2024 11:43

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 7080

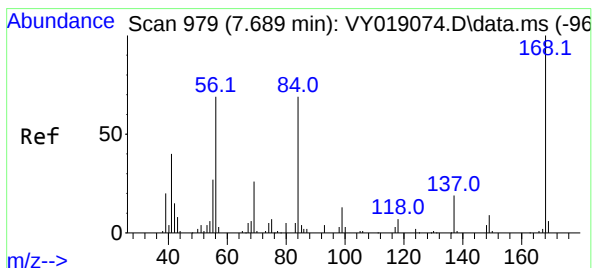
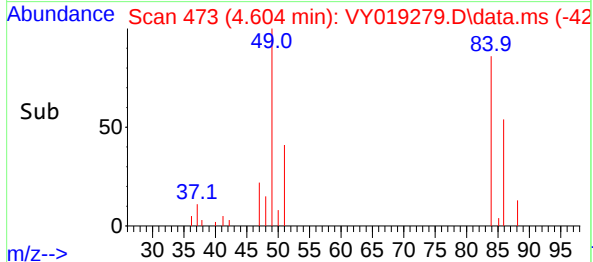
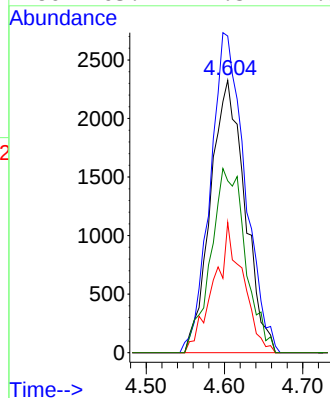
Ion Ratio Lower Upper

84 100

49 116.3 84.4 126.6

51 47.9 26.0 39.0#

86 63.1 49.5 74.3



#31

Cyclohexane

Concen: Below Cal

RT: 7.701 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY019279.D

Acq: 27 Aug 2024 11:43

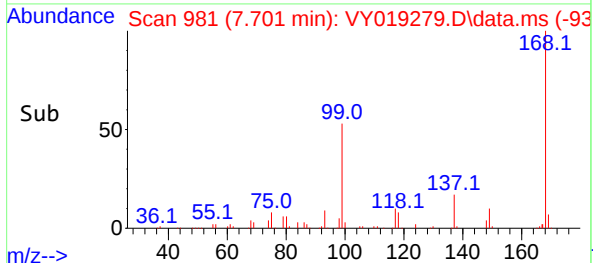
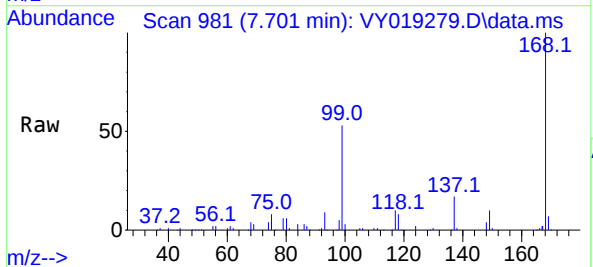
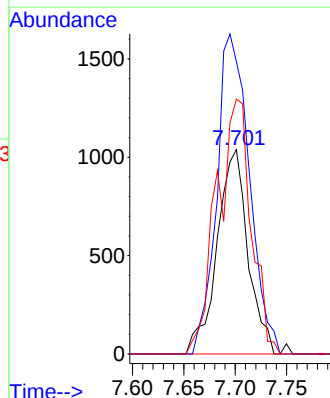
Tgt Ion: 56 Resp: 2165

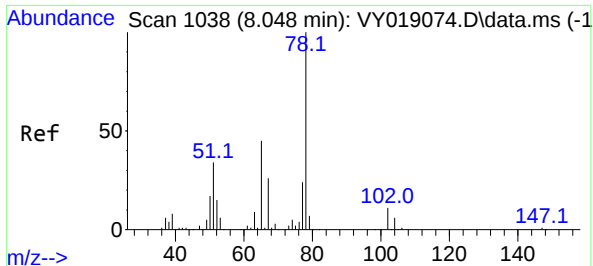
Ion Ratio Lower Upper

56 100

69 143.1 28.7 43.1#

84 124.7 77.7 116.5#

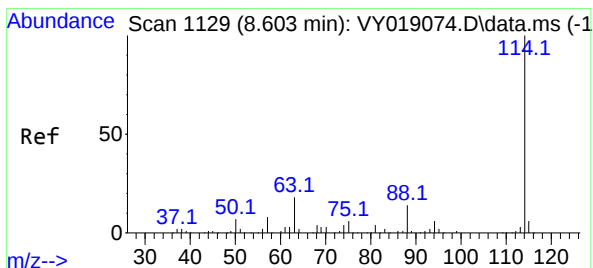
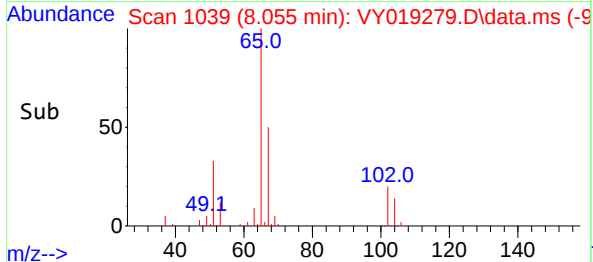
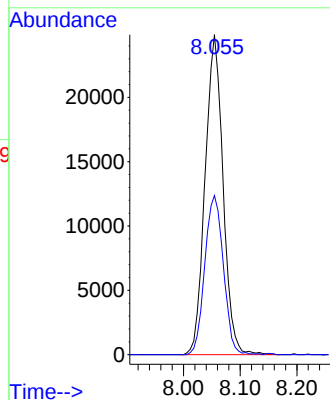
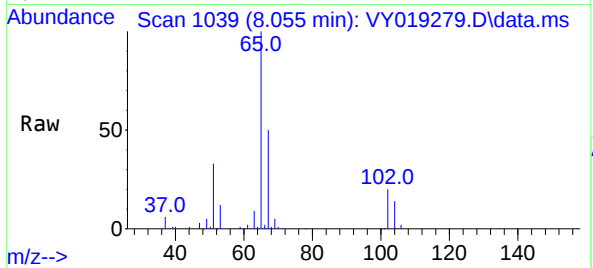




#33
1,2-Dichloroethane-d4
Concen: 53.218 ug/l
RT: 8.055 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY019279.D
Acq: 27 Aug 2024 11:43

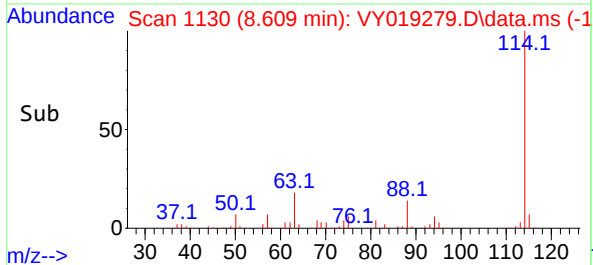
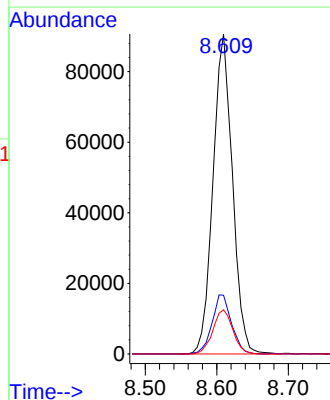
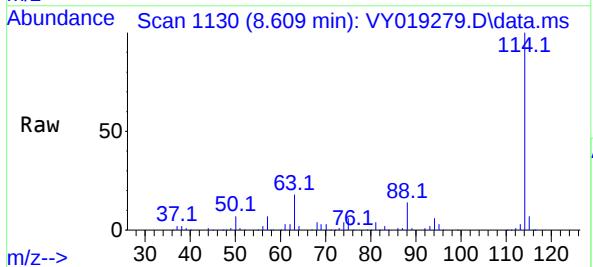
Instrument :
MSVOA_Y
ClientSampleId :

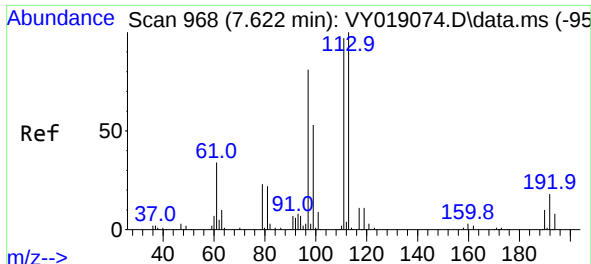
Tgt Ion: 65 Resp: 54701
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VY019279.D
Acq: 27 Aug 2024 11:43

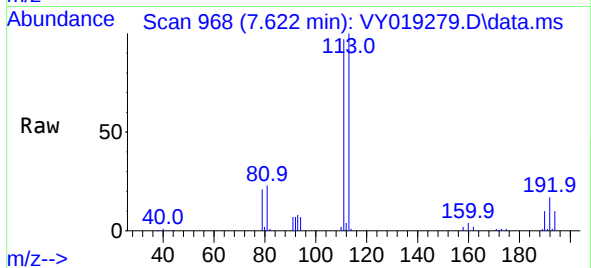
Tgt Ion: 114 Resp: 171090
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.0
88 13.8 0.0 27.2



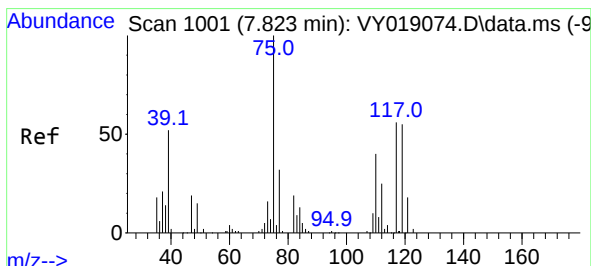
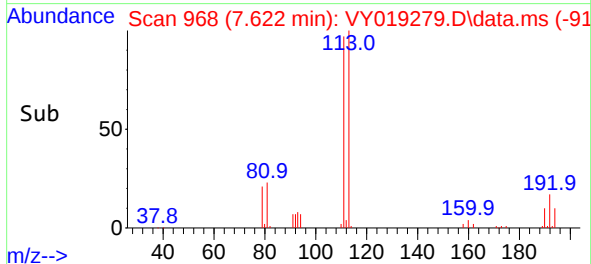
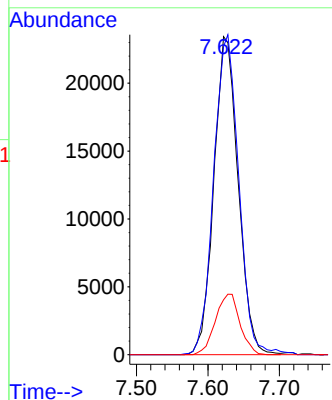


#35
Dibromofluoromethane
Concen: 49.412 ug/l
RT: 7.622 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY019279.D
Acq: 27 Aug 2024 11:43

Instrument :
MSVOA_Y
ClientSampleId :

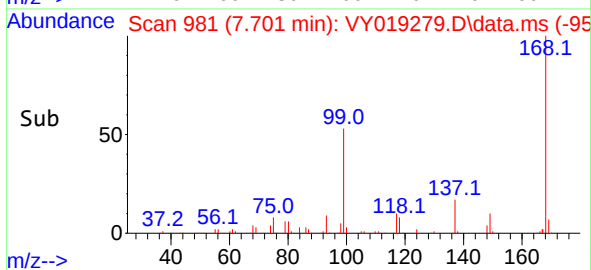
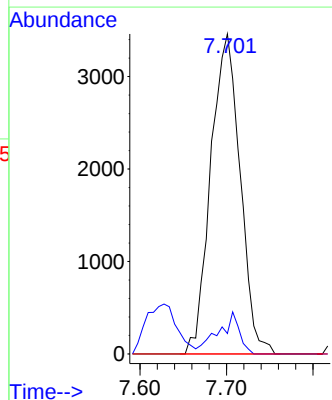
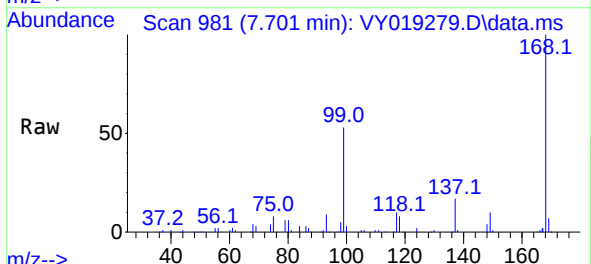


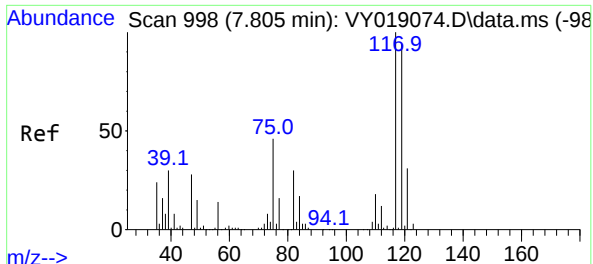
Tgt Ion:113 Resp: 55277
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 19.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.310 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY019279.D
Acq: 27 Aug 2024 11:43

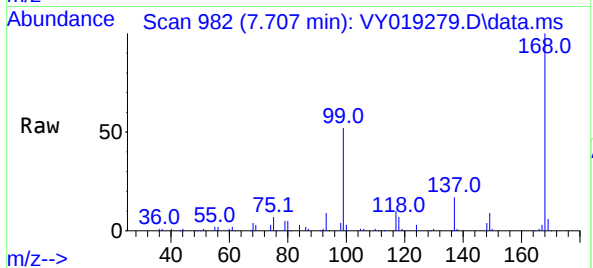
Tgt Ion: 75 Resp: 8157
Ion Ratio Lower Upper
75 100
110 9.4 19.0 57.0#
77 0.0 25.3 37.9#



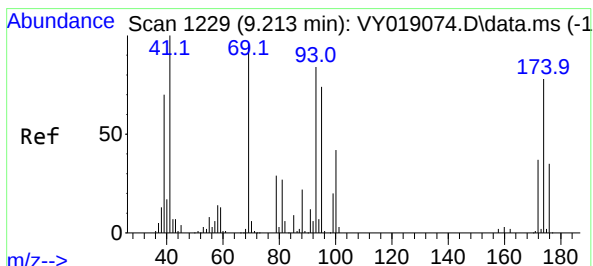
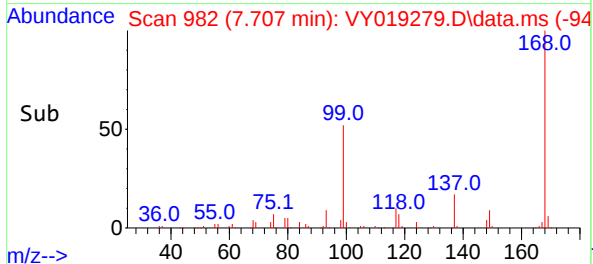
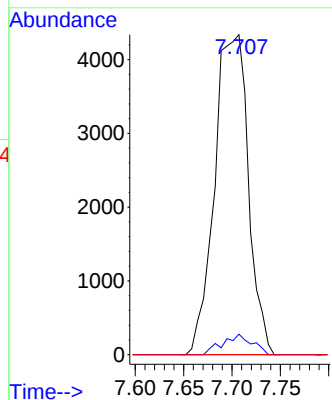


#38
Carbon Tetrachloride
Concen: 5.917 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY019279.D
Acq: 27 Aug 2024 11:43

Instrument :
MSVOA_Y
ClientSampleId :

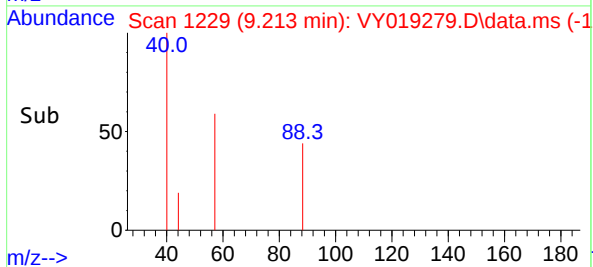
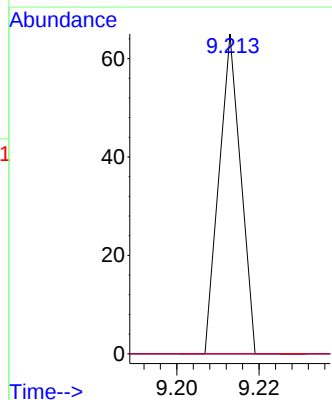
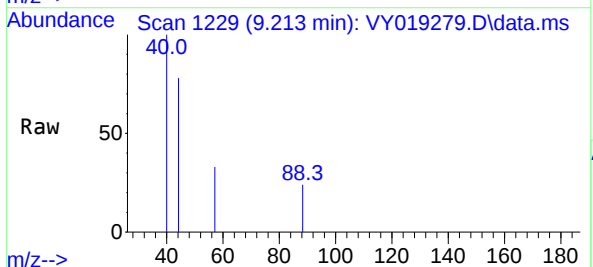


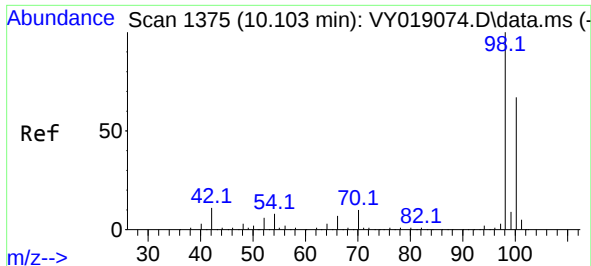
Tgt Ion:117 Resp: 10534
Ion Ratio Lower Upper
117 100
119 6.4 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 2.910 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY019279.D
Acq: 27 Aug 2024 11:43

Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

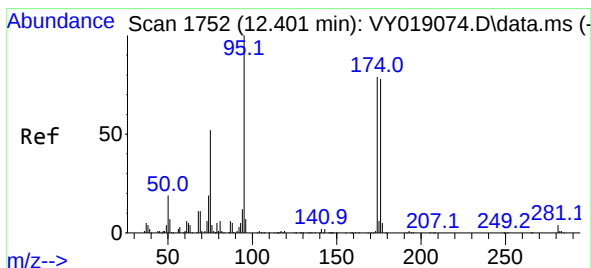
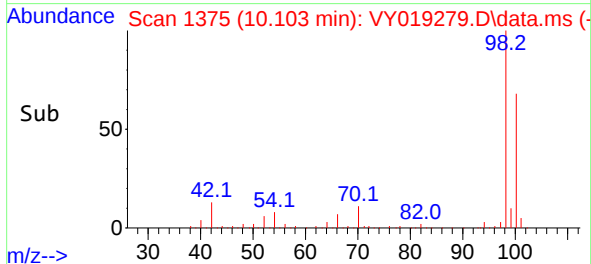
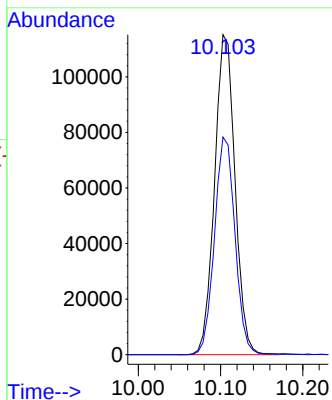
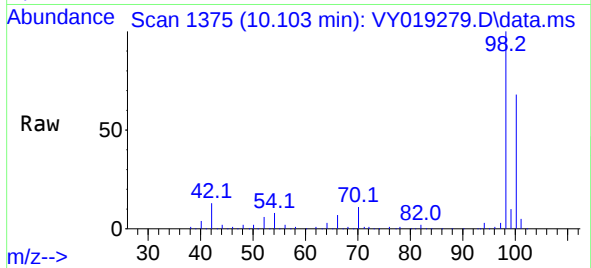




#50
Toluene-d8
Concen: 49.414 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019279.D
Acq: 27 Aug 2024 11:43

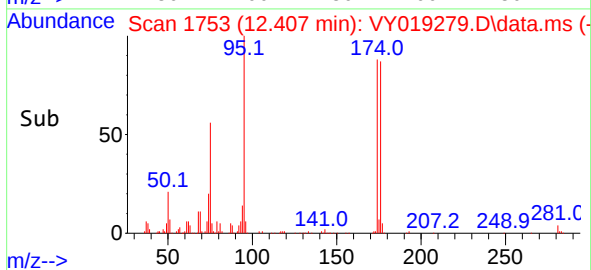
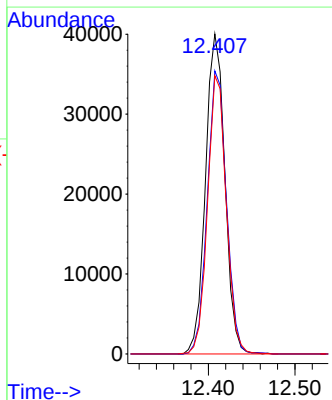
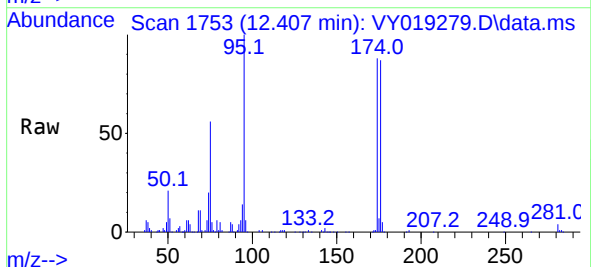
Instrument :
MSVOA_Y
ClientSampleId :

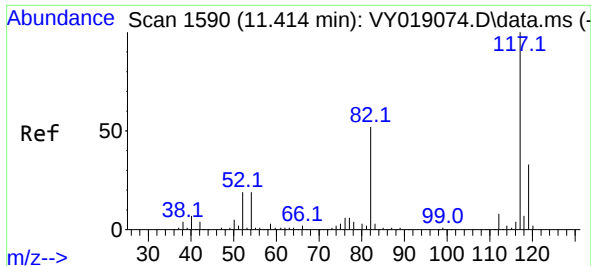
Tgt Ion: 98 Resp: 198930
Ion Ratio Lower Upper
98 100
100 68.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.373 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019279.D
Acq: 27 Aug 2024 11:43

Tgt Ion: 95 Resp: 62269
Ion Ratio Lower Upper
95 100
174 87.3 0.0 175.6
176 83.9 0.0 171.4

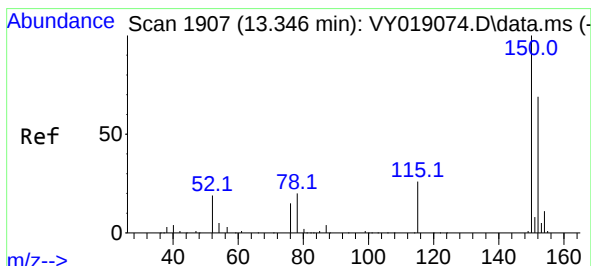
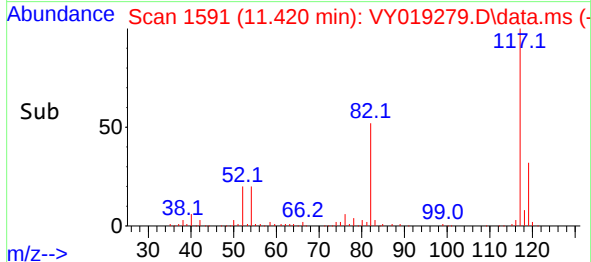
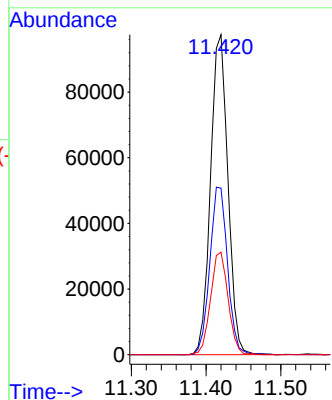
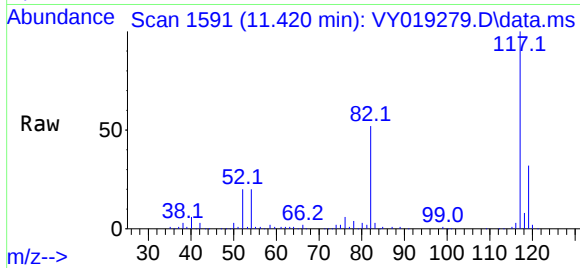




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019279.D
Acq: 27 Aug 2024 11:43

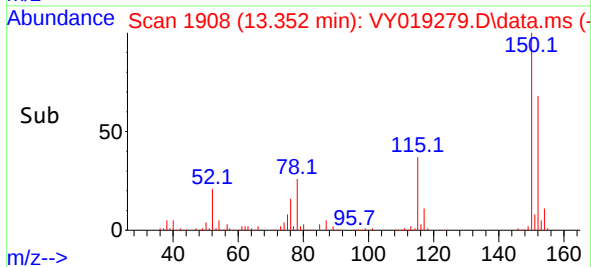
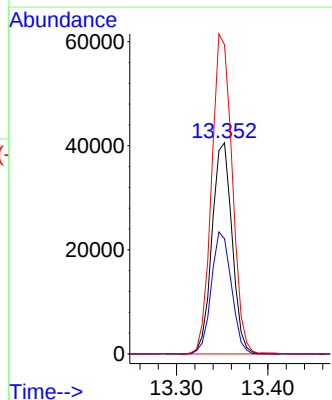
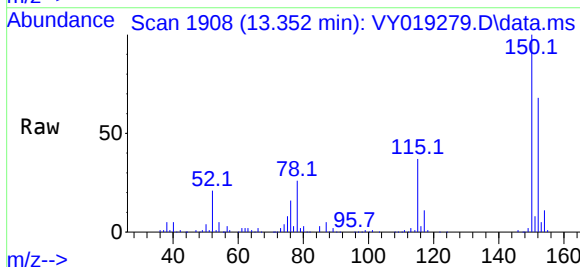
Instrument :
MSVOA_Y
ClientSampleId :

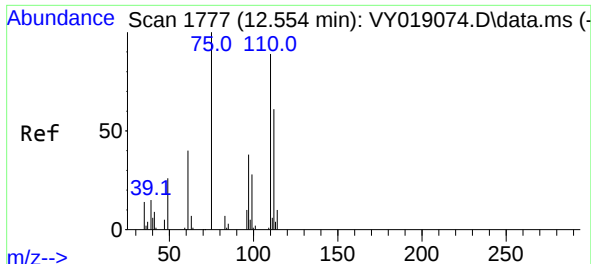
Tgt Ion:117 Resp: 157761
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019279.D
Acq: 27 Aug 2024 11:43

Tgt Ion:152 Resp: 61759
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 155.7 0.0 345.6

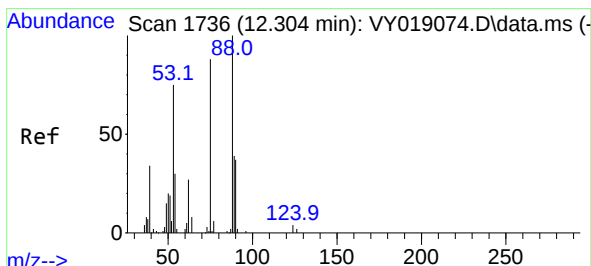
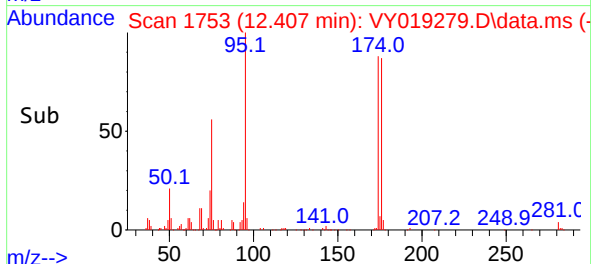
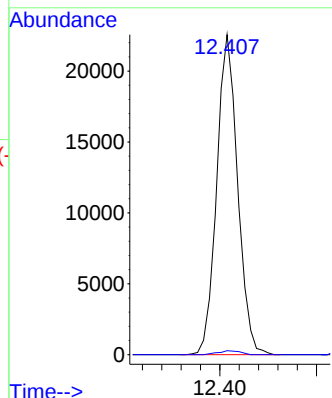
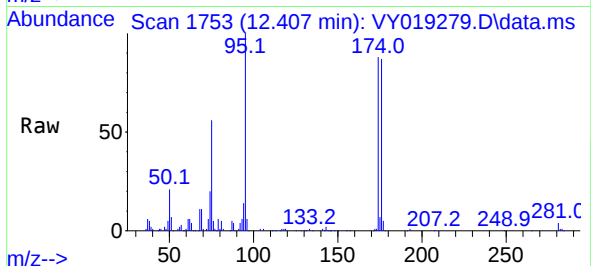




#76
1,2,3-Trichloropropane
Concen: 55.510 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019279.D
Acq: 27 Aug 2024 11:43

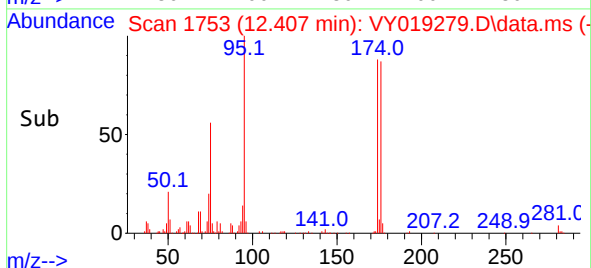
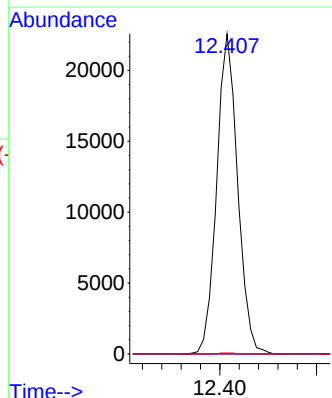
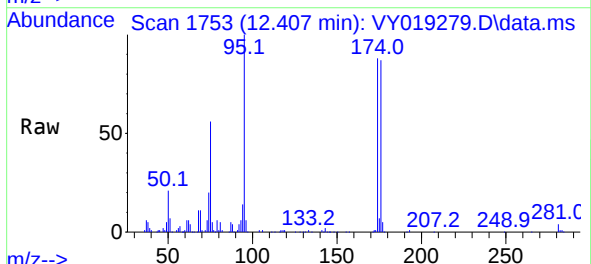
Instrument :
MSVOA_Y
ClientSampleId :

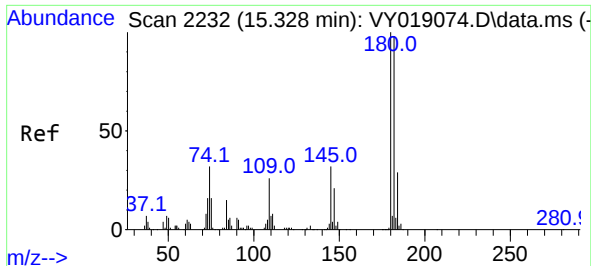
Tgt Ion: 75 Resp: 33809
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.092 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019279.D
Acq: 27 Aug 2024 11:43

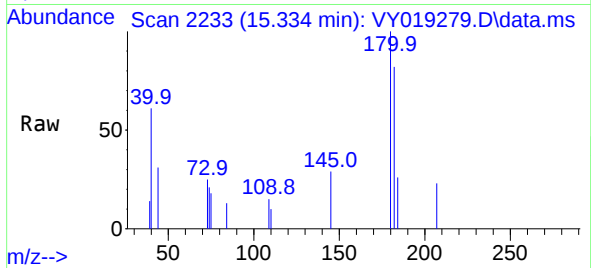
Tgt Ion: 75 Resp: 33809
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.123 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY019279.D
 Acq: 27 Aug 2024 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	1053
Ion	Ratio	Lower	Upper
180	100		
182	81.3	47.6	142.9
145	28.0	15.4	46.1

