

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014543.D
 Acq On : 03 Jul 2023 18:20
 Operator : KP/MD
 Sample : 03475-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ALDENE-COMP-1

Quant Time: Jul 04 03:04:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

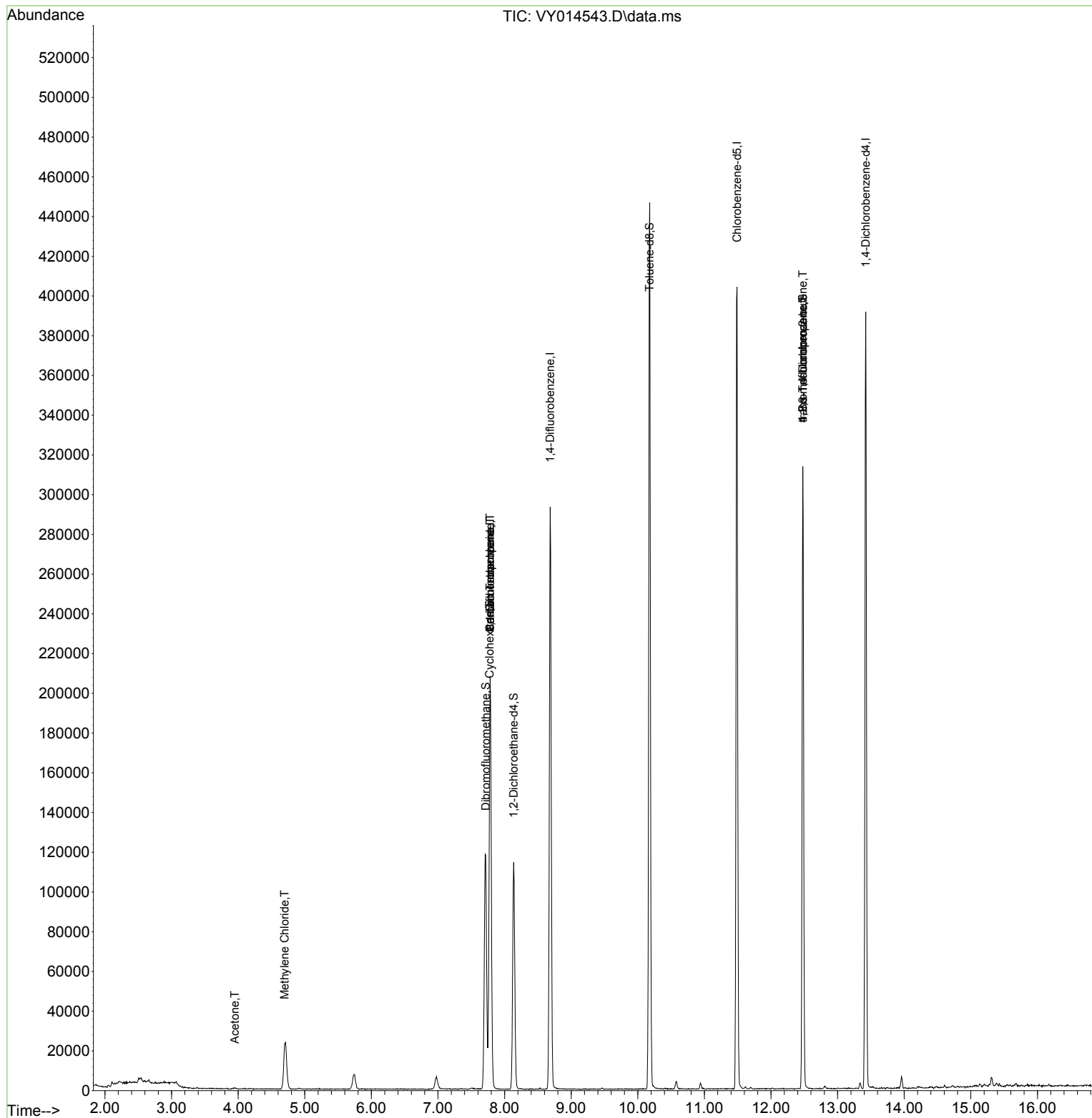
Internal Standards						
1) Pentafluorobenzene	7.783	168	177921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	267106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	250171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90124	50.920	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.840%
35) Dibromofluoromethane	7.716	113	86941	52.856	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.720%
50) Toluene-d8	10.178	98	314661	48.392	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.780%
62) 4-Bromofluorobenzene	12.477	95	98112	43.453	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	151	Below Cal	#	43
11) Tert butyl alcohol	4.954	59	109	Below Cal	#	89
16) Acetone	3.948	43	1045	1.891	ug/l	94
20) Methylene Chloride	4.698	84	19936	5.367	ug/l #	77
31) Cyclohexane	7.776	56	2813	1.013	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11454	4.547	ug/l #	49
38) Carbon Tetrachloride	7.783	117	14725	5.600	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	43990	32.322	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	43990	62.912	ug/l #	11

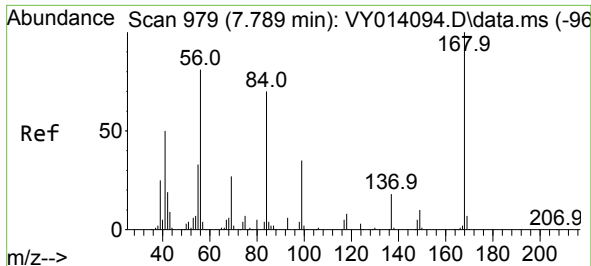
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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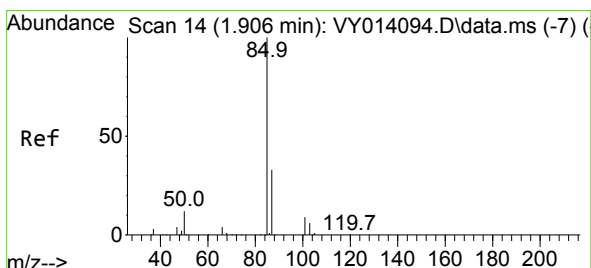
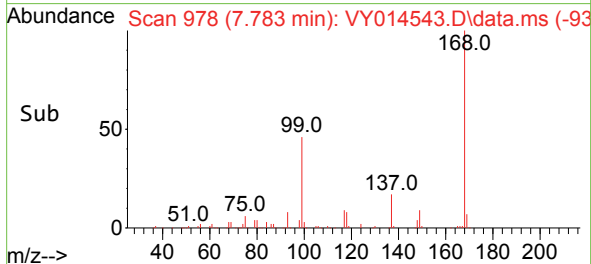
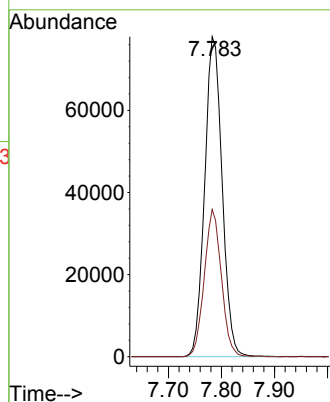
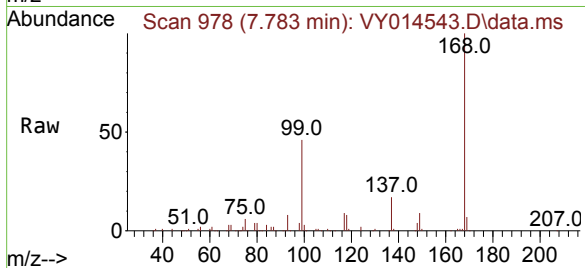




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014543.D
Acq: 03 Jul 2023 18:20

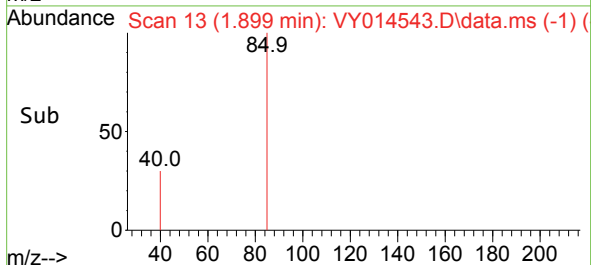
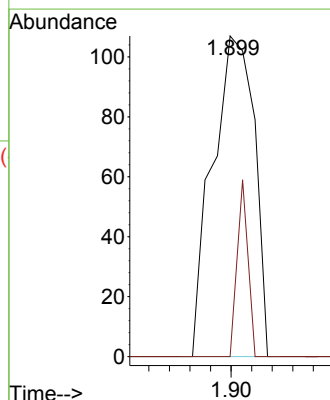
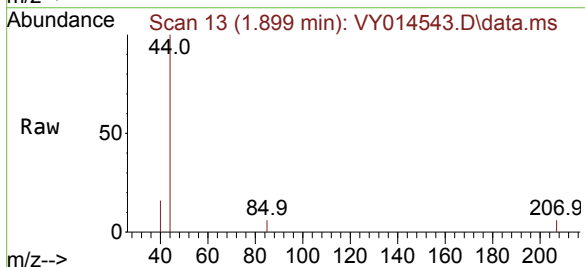
Instrument :
MSVOA_Y
ClientSampleId :
ALDENE-COMP-1

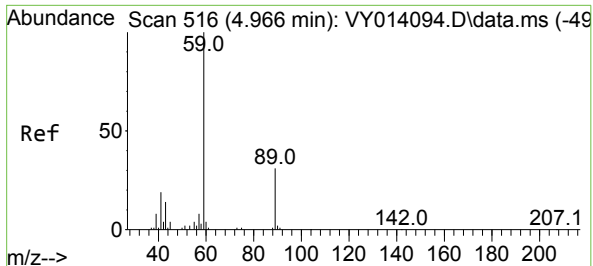
Tgt Ion:168 Resp: 177921
Ion Ratio Lower Upper
168 100
99 46.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.899 min Scan# 13
Delta R.T. -0.007 min
Lab File: VY014543.D
Acq: 03 Jul 2023 18:20

Tgt Ion: 85 Resp: 151
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.954 min Scan# 516

Delta R.T. -0.012 min

Lab File: VY014543.D

Acq: 03 Jul 2023 18:20

Instrument :

MSVOA_Y

ClientSampleId :

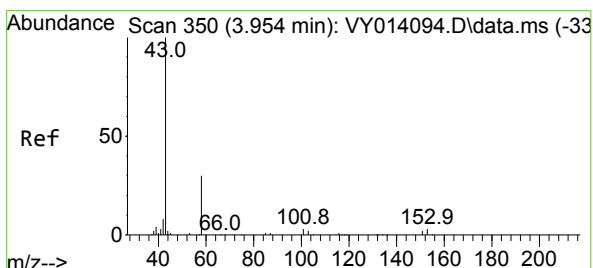
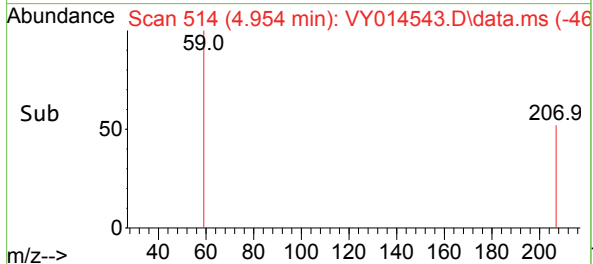
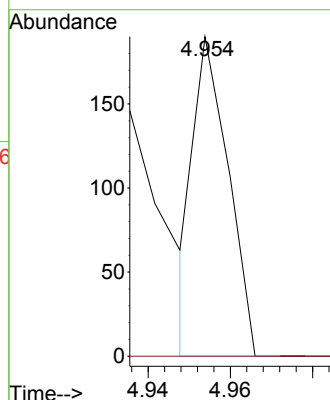
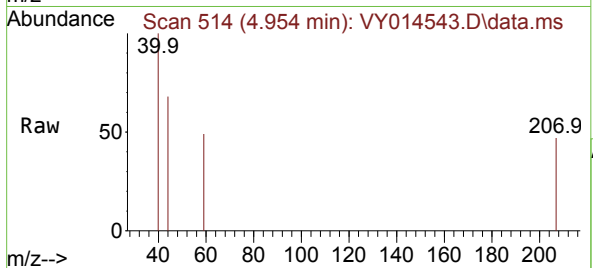
ALDENE-COMP-1

Tgt Ion: 59 Resp: 109

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#16

Acetone

Concen: 1.891 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.006 min

Lab File: VY014543.D

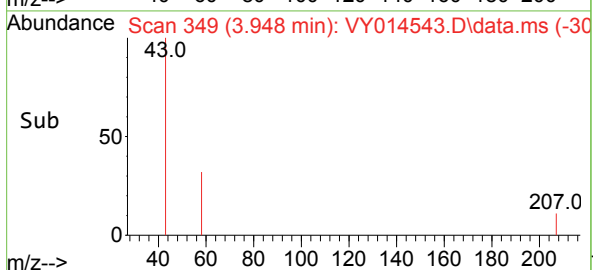
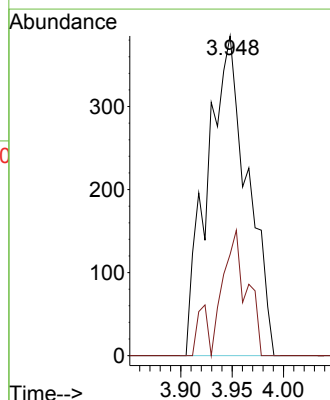
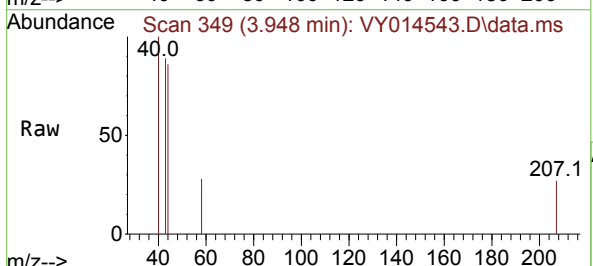
Acq: 03 Jul 2023 18:20

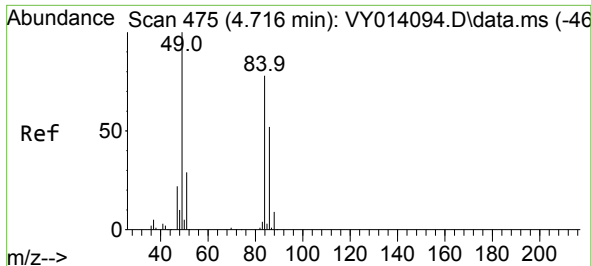
Tgt Ion: 43 Resp: 1045

Ion Ratio Lower Upper

43 100

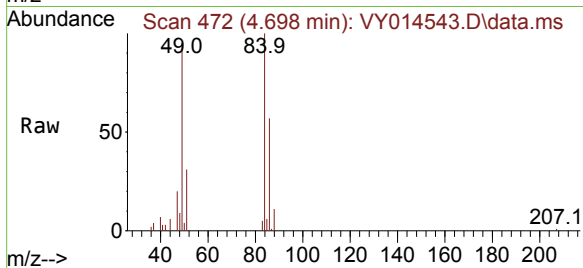
58 31.7 22.7 34.1



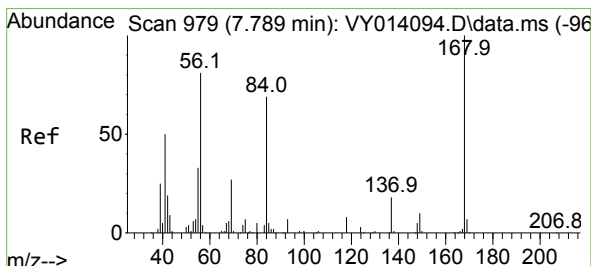
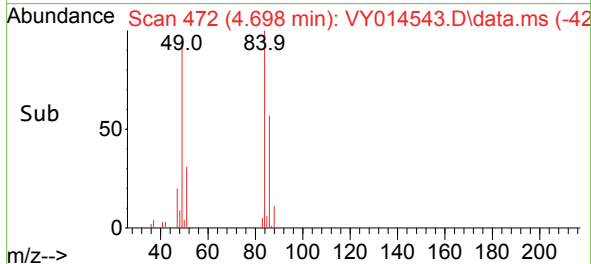
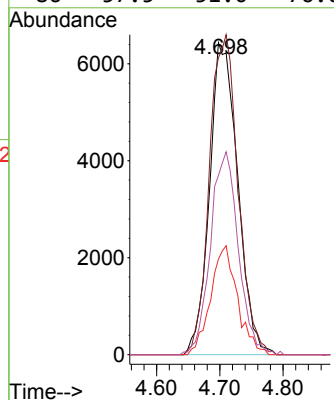


#20
Methylene Chloride
Concen: 5.367 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY014543.D
Acq: 03 Jul 2023 18:20

Instrument :
MSVOA_Y
ClientSampleId :
ALDENE-COMP-1

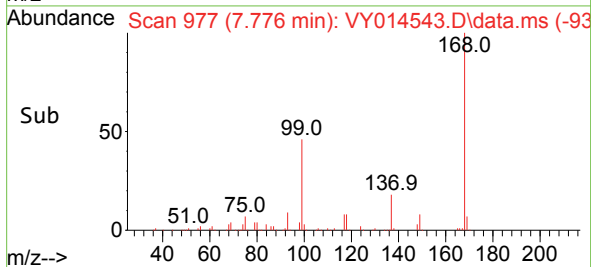
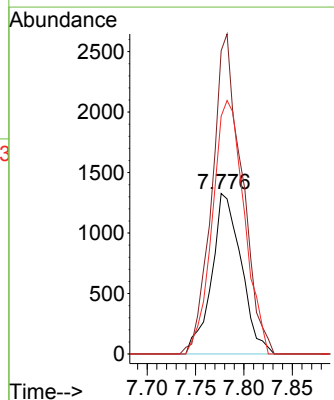
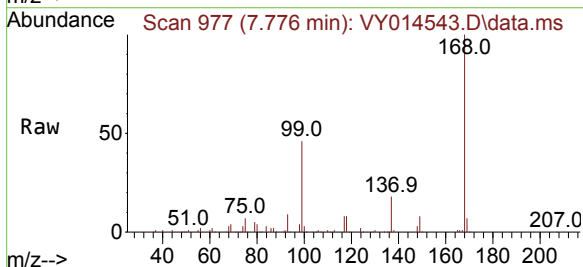


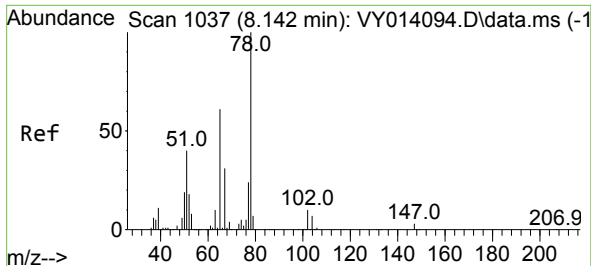
Tgt Ion: 84 Resp: 19936
Ion Ratio Lower Upper
84 100
49 95.2 106.9 160.3#
51 30.6 33.2 49.8#
86 57.5 51.0 76.6



#31
Cyclohexane
Concen: 1.013 ug/l
RT: 7.776 min Scan# 977
Delta R.T. -0.013 min
Lab File: VY014543.D
Acq: 03 Jul 2023 18:20

Tgt Ion: 56 Resp: 2813
Ion Ratio Lower Upper
56 100
69 188.9 27.8 41.6#
84 148.2 66.4 99.6#

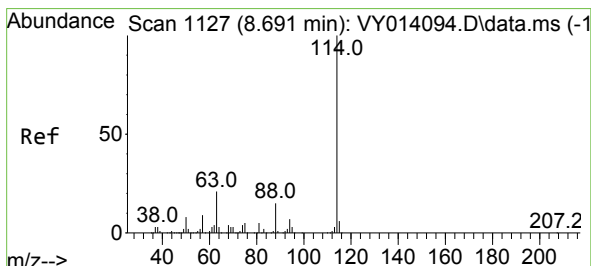
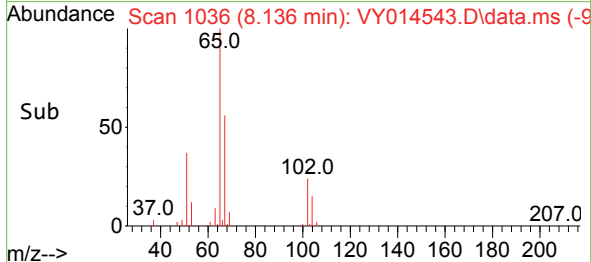
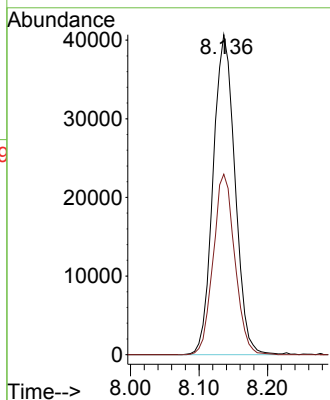
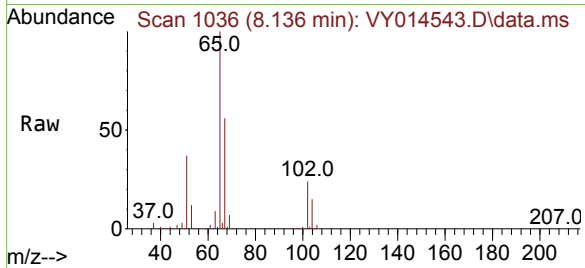




#33
 1,2-Dichloroethane-d4
 Concen: 50.920 ug/l
 RT: 8.136 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY014543.D
 Acq: 03 Jul 2023 18:20

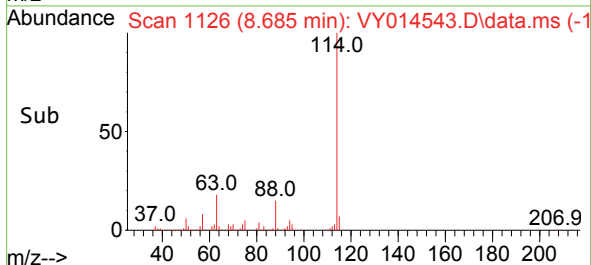
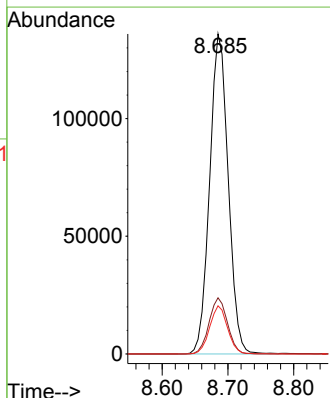
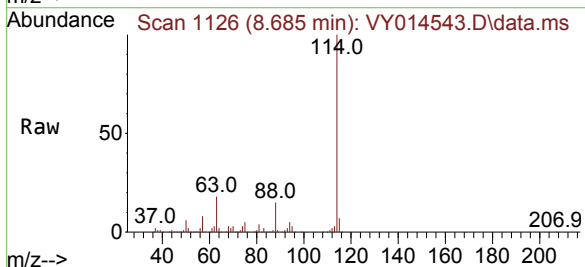
Instrument :
 MSVOA_Y
 ClientSampleId :
 ALDENE-COMP-1

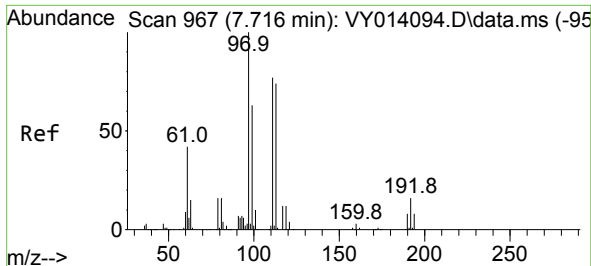
Tgt Ion: 65 Resp: 90124
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014543.D
 Acq: 03 Jul 2023 18:20

Tgt Ion: 114 Resp: 267106
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 42.4
 88 15.1 0.0 30.6

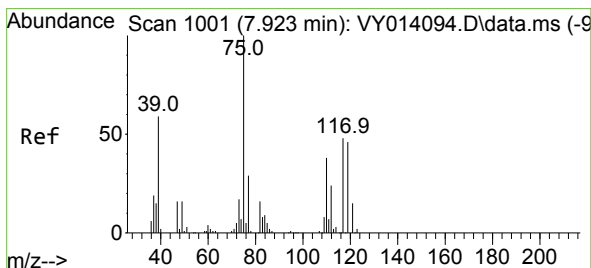
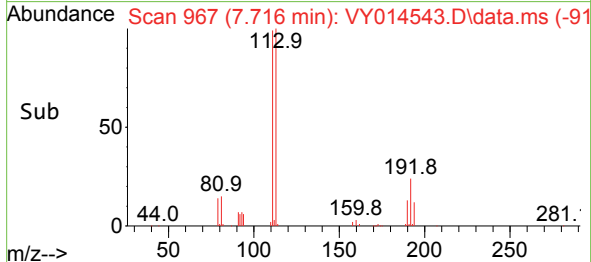
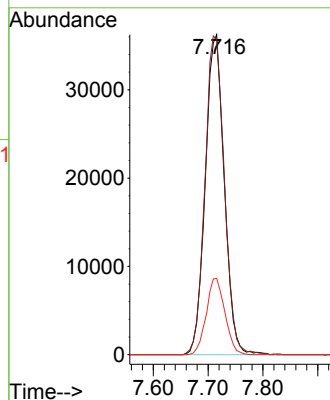
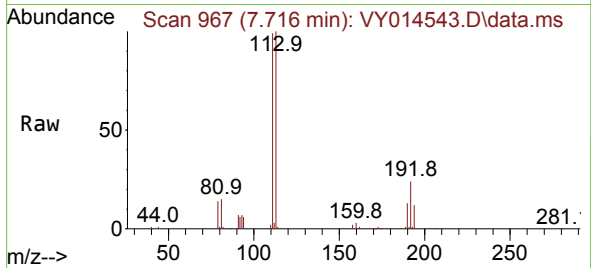




#35
Dibromofluoromethane
Concen: 52.856 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014543.D
Acq: 03 Jul 2023 18:20

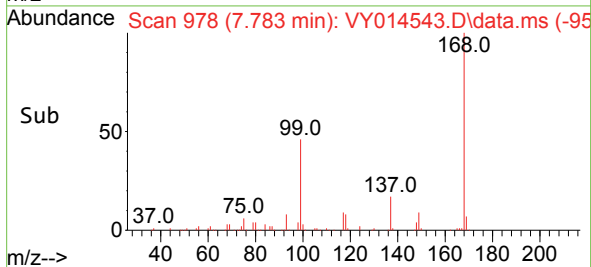
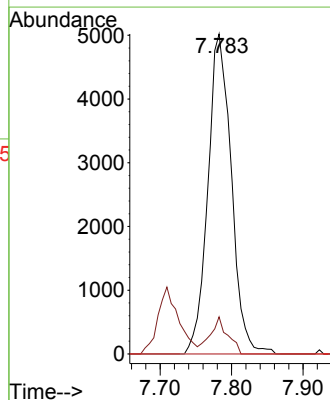
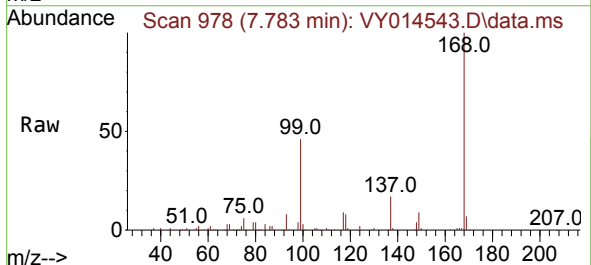
Instrument :
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ALDENE-COMP-1

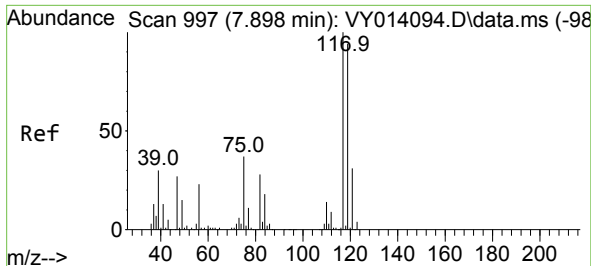
Tgt Ion:113 Resp: 86941
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 23.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.547 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY014543.D
Acq: 03 Jul 2023 18:20

Tgt Ion: 75 Resp: 11454
Ion Ratio Lower Upper
75 100
110 8.6 17.8 53.5#
77 0.0 24.4 36.6#

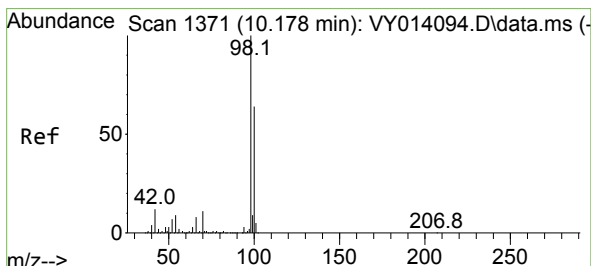
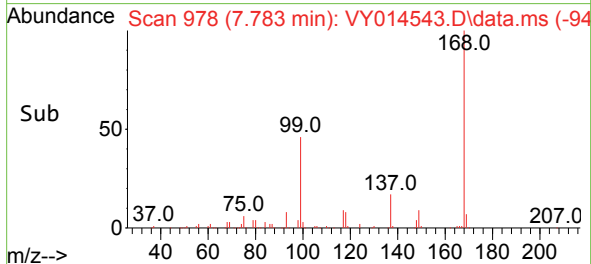
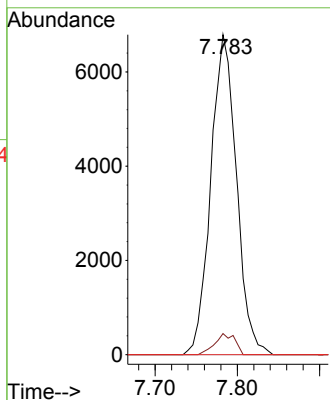
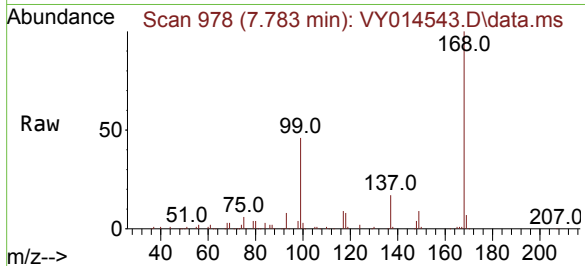




#38
Carbon Tetrachloride
Concen: 5.600 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY014543.D
Acq: 03 Jul 2023 18:20

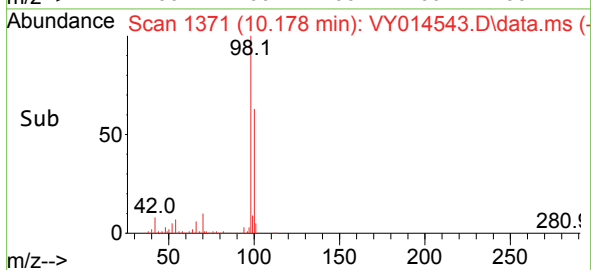
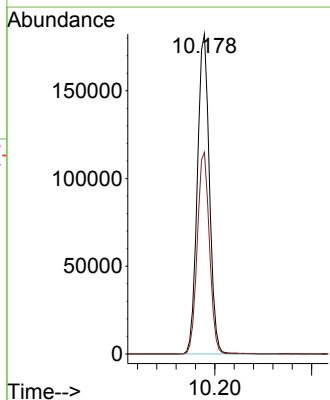
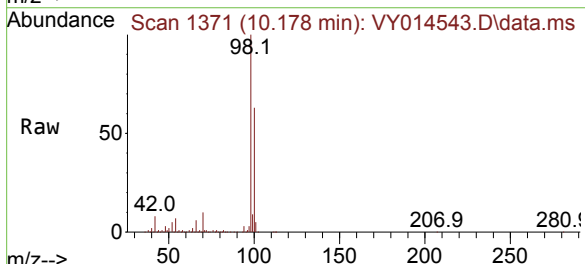
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ALDENE-COMP-1

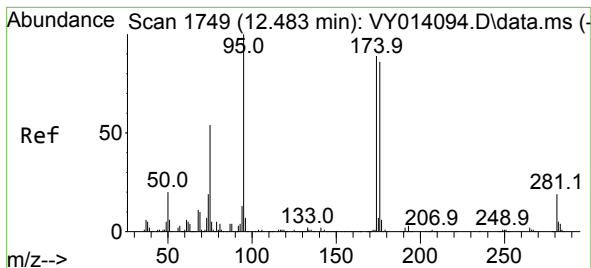
Tgt Ion:117 Resp: 14725
Ion Ratio Lower Upper
117 100
119 6.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.392 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014543.D
Acq: 03 Jul 2023 18:20

Tgt Ion: 98 Resp: 314661
Ion Ratio Lower Upper
98 100
100 63.5 50.1 75.1

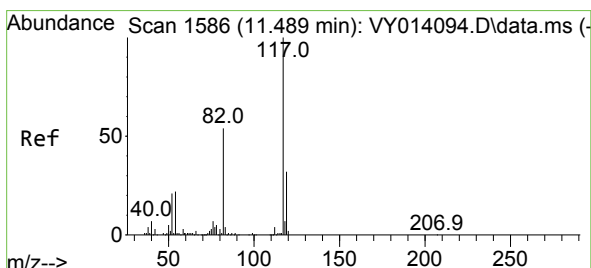
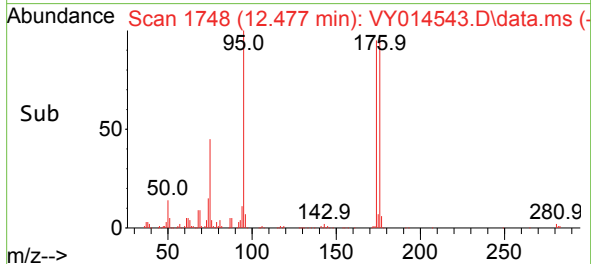
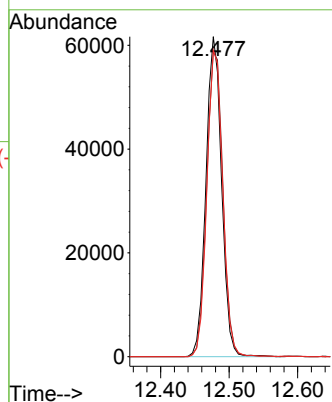
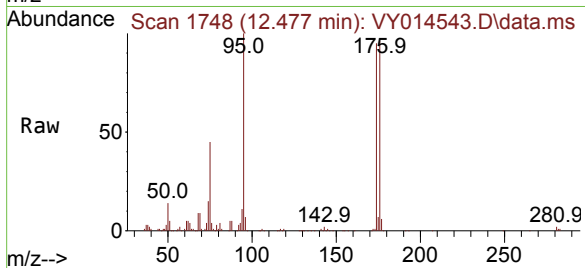




#62
4-Bromofluorobenzene
Concen: 43.453 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014543.D
Acq: 03 Jul 2023 18:20

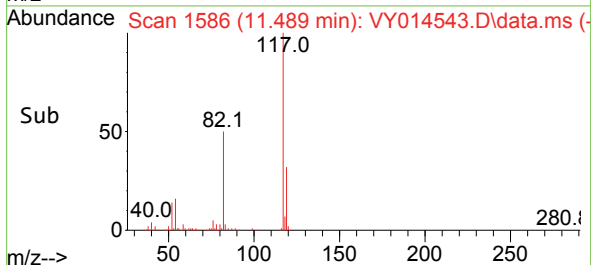
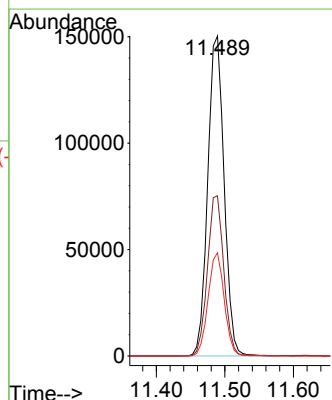
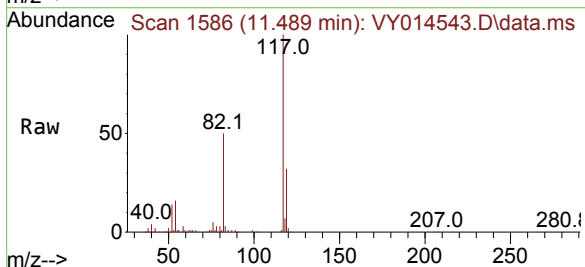
Instrument :
MSVOA_Y
ClientSampleId :
ALDENE-COMP-1

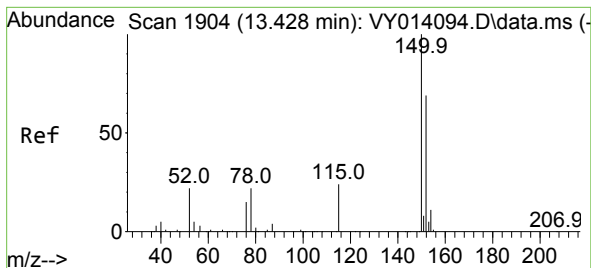
Tgt Ion: 95 Resp: 98112
Ion Ratio Lower Upper
95 100
174 98.7 0.0 178.2
176 96.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014543.D
Acq: 03 Jul 2023 18:20

Tgt Ion: 117 Resp: 250171
Ion Ratio Lower Upper
117 100
82 50.1 43.4 65.0
119 32.3 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY014543.D

Acq: 03 Jul 2023 18:20

Instrument :

MSVOA_Y

ClientSampleId :

ALDENE-COMP-1

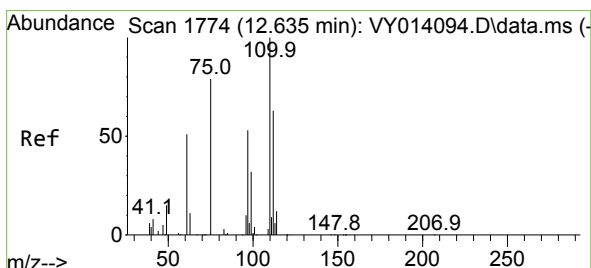
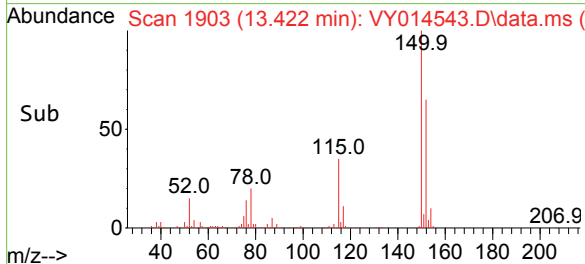
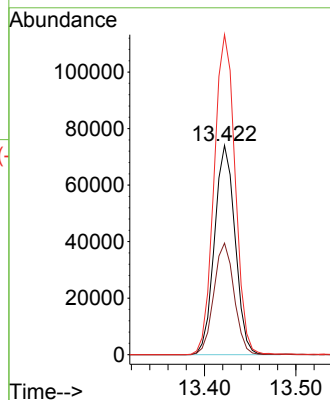
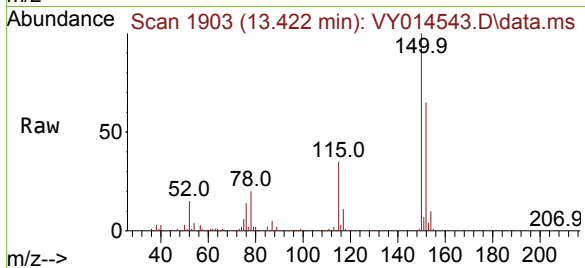
Tgt Ion:152 Resp: 115980

Ion Ratio Lower Upper

152 100

115 52.6 28.8 86.5

150 156.7 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 32.322 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY014543.D

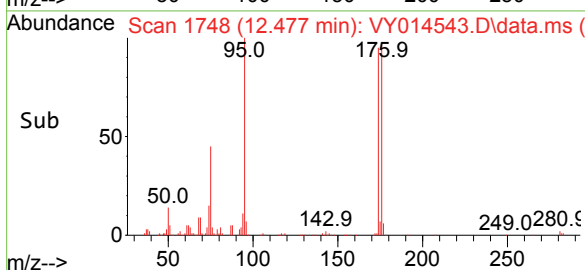
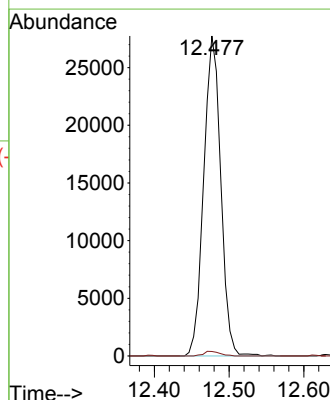
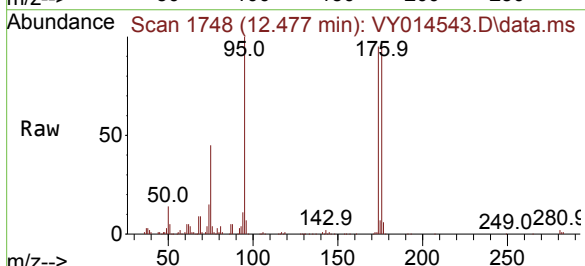
Acq: 03 Jul 2023 18:20

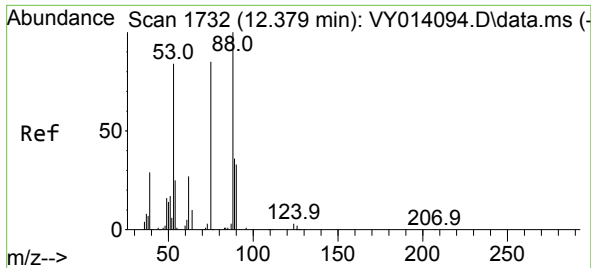
Tgt Ion: 75 Resp: 43990

Ion Ratio Lower Upper

75 100

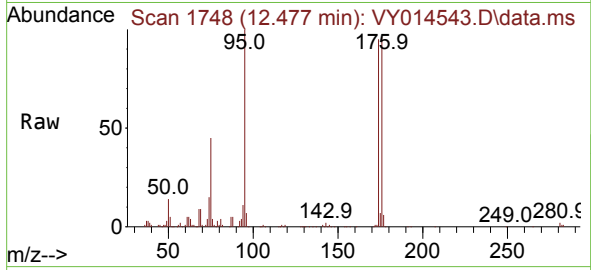
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.912 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014543.D
 Acq: 03 Jul 2023 18:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 ALDENE-COMP-1



Tgt Ion: 75 Resp: 43990
 Ion Ratio Lower Upper
 75 100
 53 0.3 77.8 116.8#
 89 0.0 37.4 56.0#

