

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014544.D
 Acq On : 03 Jul 2023 18:43
 Operator : KP/MD
 Sample : 03475-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ALDENE-COMP-2

Quant Time: Jul 04 03:04:58 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)

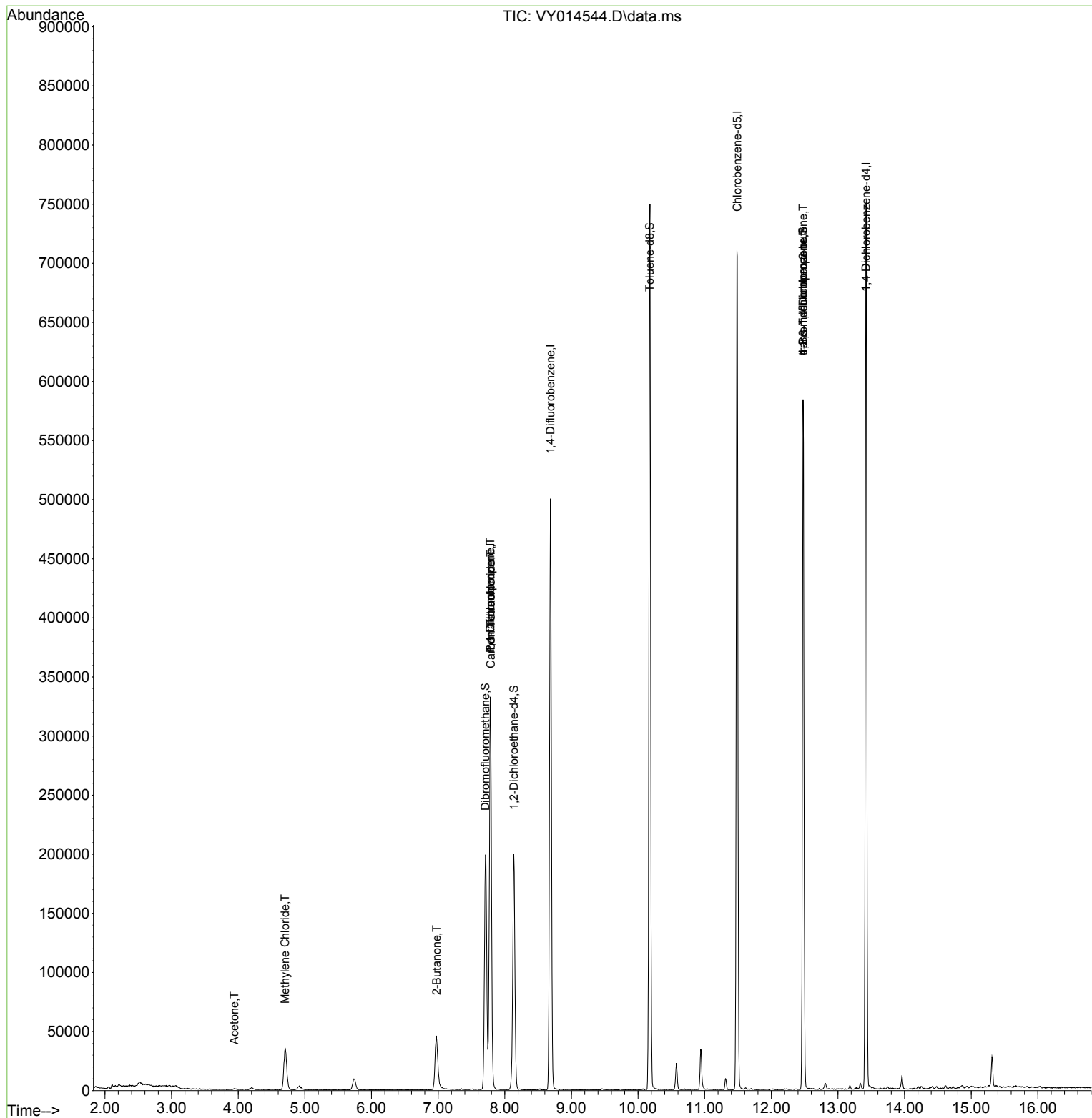
Internal Standards						
1) Pentafluorobenzene	7.783	168	283821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	449572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	435329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	211804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	156044	55.268	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.540%
35) Dibromofluoromethane	7.710	113	145608	52.595	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.180%
50) Toluene-d8	10.179	98	531774	48.590	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.180%
62) 4-Bromofluorobenzene	12.477	95	176530	46.452	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.894	85	236	Below Cal		90
11) Tert butyl alcohol	4.917	59	3555	Below Cal	#	89
16) Acetone	3.942	43	1566	1.776	ug/l #	86
20) Methylene Chloride	4.704	84	29323	4.499	ug/l #	82
25) 2-Butanone	6.978	43	2283	1.749	ug/l #	78
36) 1,1-Dichloropropene	7.783	75	18296	4.315	ug/l #	49
38) Carbon Tetrachloride	7.789	117	24257	5.481	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	80666	32.455	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	80666	63.172	ug/l #	11

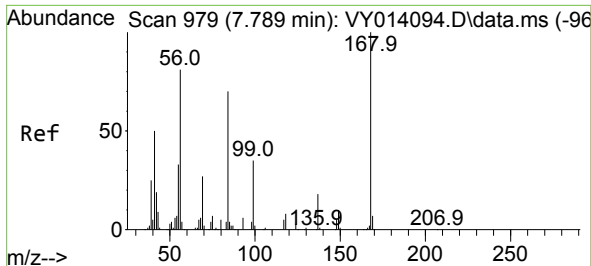
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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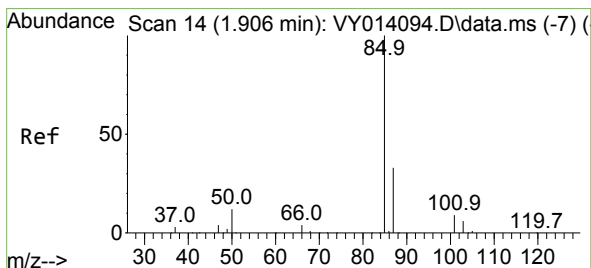
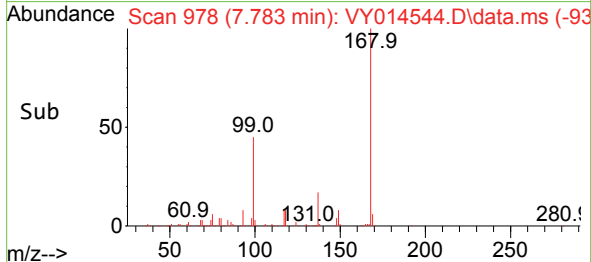
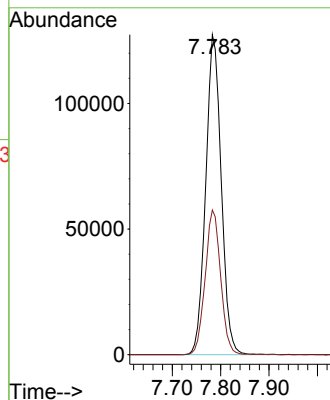
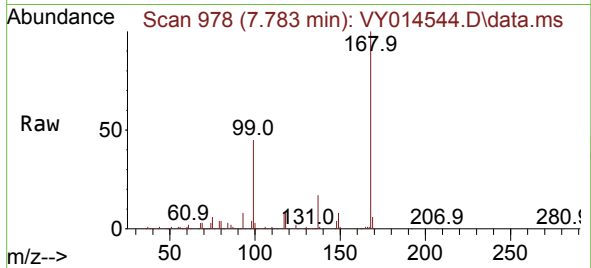




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014544.D
Acq: 03 Jul 2023 18:43

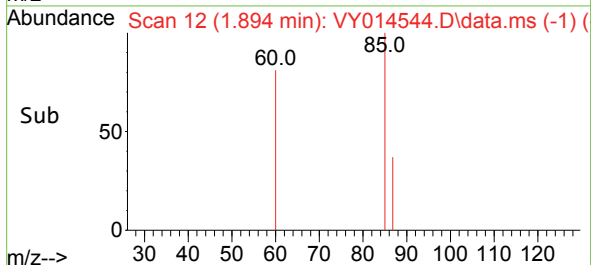
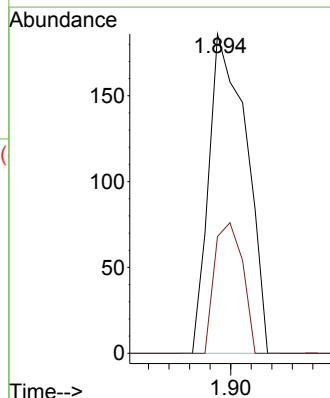
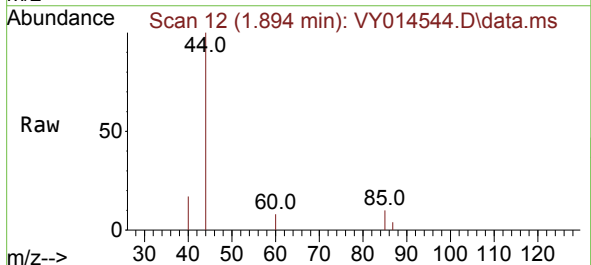
Instrument :
MSVOA_Y
ClientSampleId :
ALDENE-COMP-2

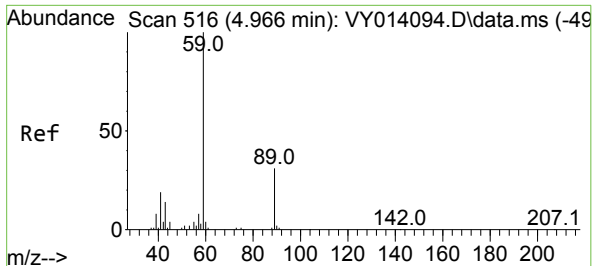
Tgt Ion:168 Resp: 283821
Ion Ratio Lower Upper
168 100
99 45.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.012 min
Lab File: VY014544.D
Acq: 03 Jul 2023 18:43

Tgt Ion: 85 Resp: 236
Ion Ratio Lower Upper
85 100
87 36.6 15.6 46.8





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.917 min Scan# 50

Delta R.T. -0.049 min

Lab File: VY014544.D

Acq: 03 Jul 2023 18:43

Instrument :

MSVOA_Y

ClientSampleId :

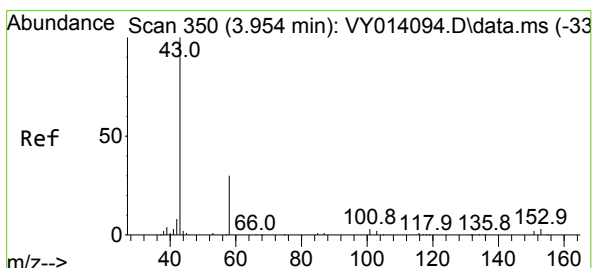
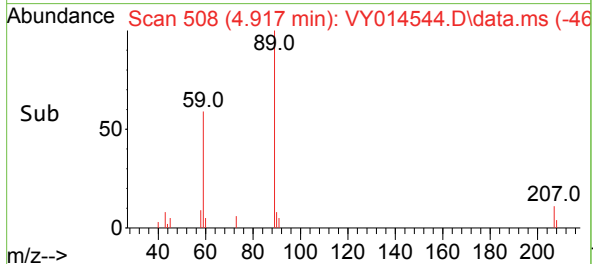
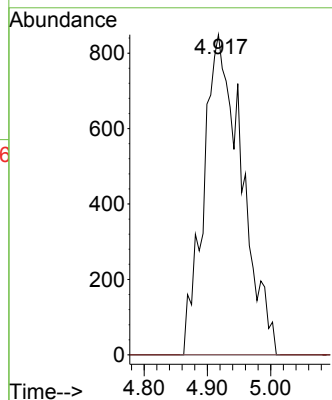
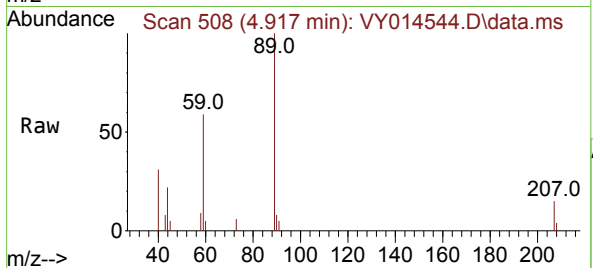
ALDENE-COMP-2

Tgt Ion: 59 Resp: 3555

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#16

Acetone

Concen: 1.776 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.012 min

Lab File: VY014544.D

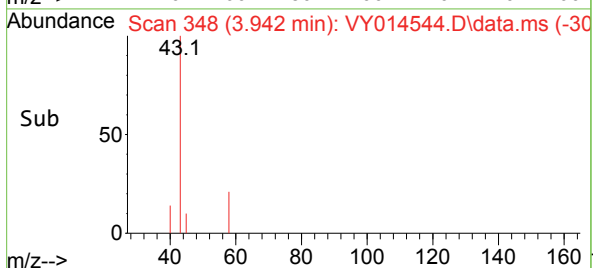
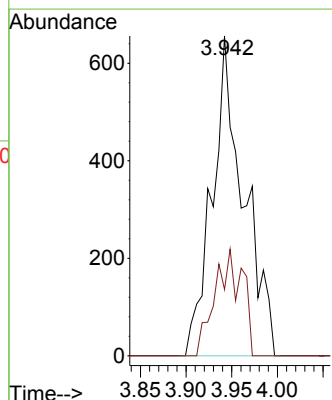
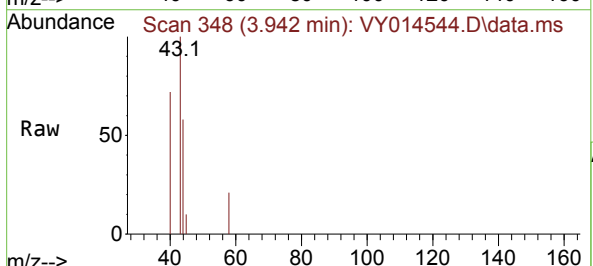
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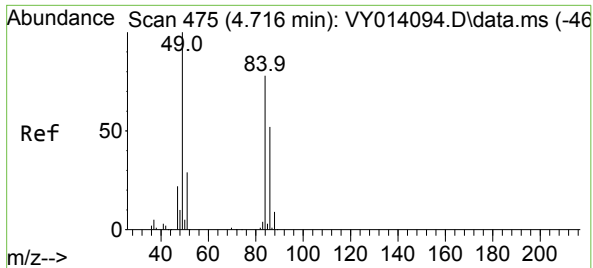
Tgt Ion: 43 Resp: 1566

Ion Ratio Lower Upper

43 100

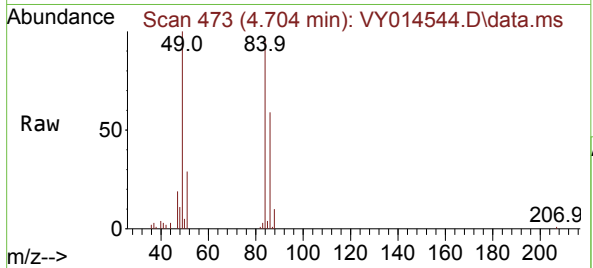
58 20.7 22.7 34.1#



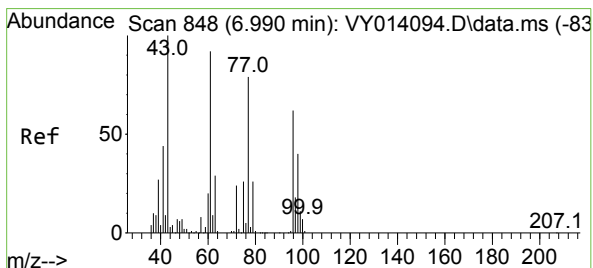
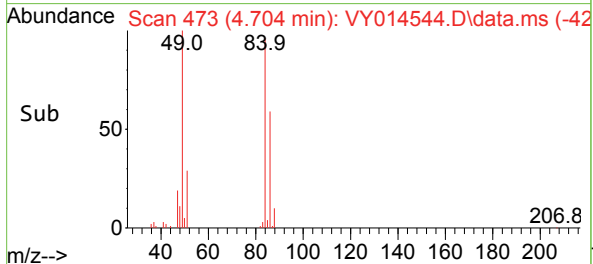
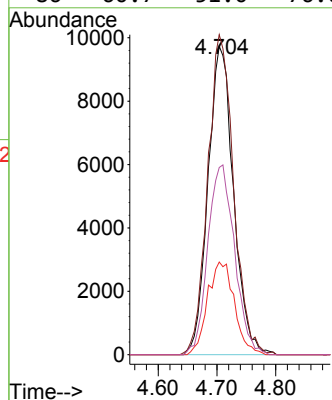


#20
Methylene Chloride
Concen: 4.499 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY014544.D
Acq: 03 Jul 2023 18:43

Instrument :
MSVOA_Y
ClientSampleId :
ALDENE-COMP-2

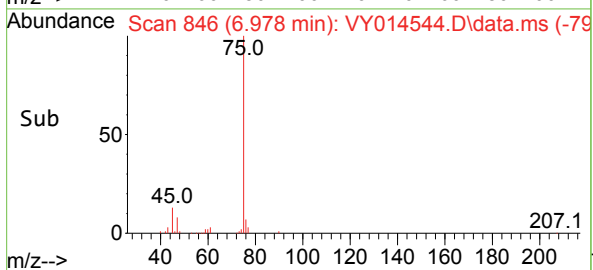
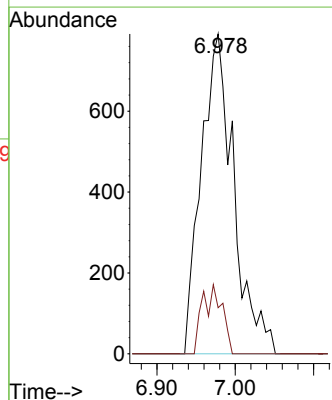
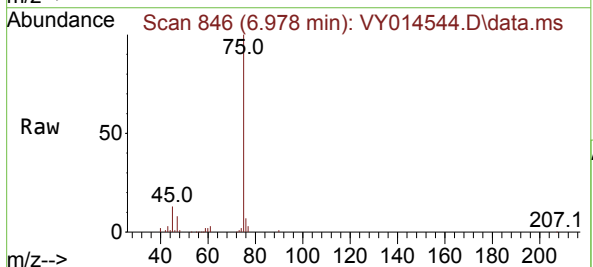


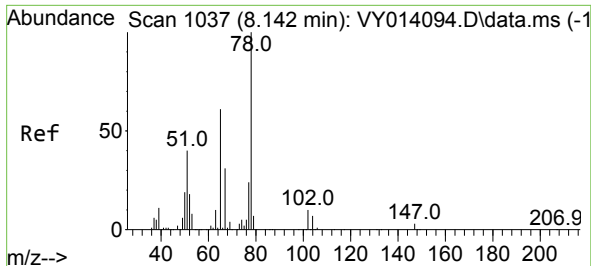
Tgt Ion:	84	Resp:	29323
Ion	Ratio	Lower	Upper
84	100		
49	103.7	106.9	160.3#
51	30.0	33.2	49.8#
86	60.7	51.0	76.6



#25
2-Butanone
Concen: 1.749 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014544.D
Acq: 03 Jul 2023 18:43

Tgt Ion:	43	Resp:	2283
Ion	Ratio	Lower	Upper
43	100		
72	14.4	20.5	30.7#

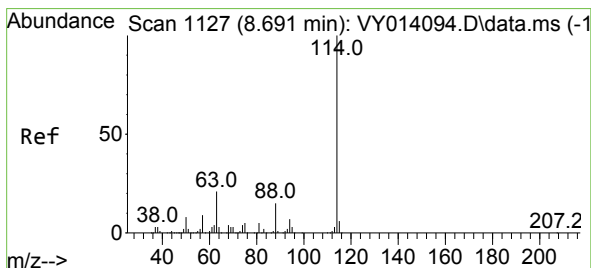
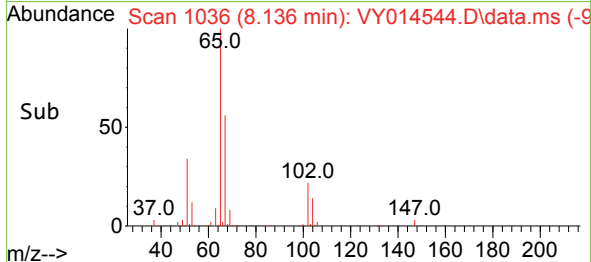
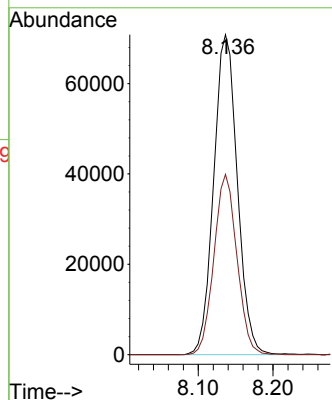
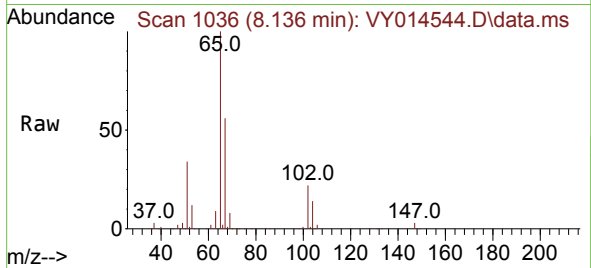




#33
1,2-Dichloroethane-d4
Concen: 55.268 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014544.D
Acq: 03 Jul 2023 18:43

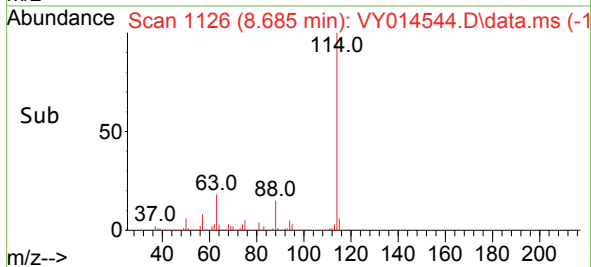
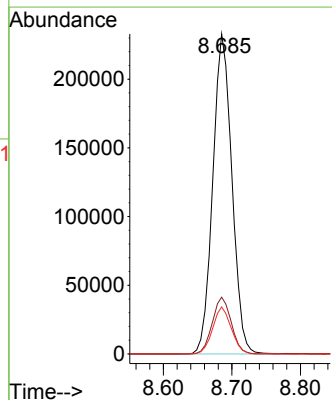
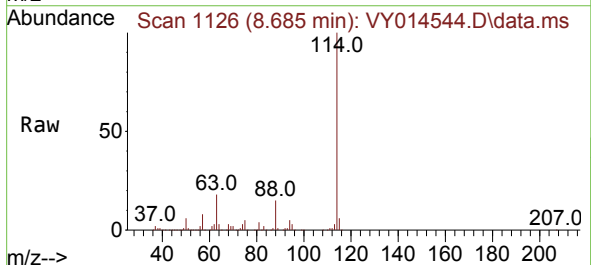
Instrument :
MSVOA_Y
ClientSampleId :
ALDENE-COMP-2

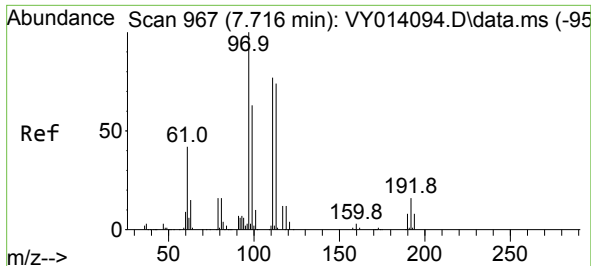
Tgt Ion: 65 Resp: 156044
Ion Ratio Lower Upper
65 100
67 54.8 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014544.D
Acq: 03 Jul 2023 18:43

Tgt Ion: 114 Resp: 449572
Ion Ratio Lower Upper
114 100
63 17.8 0.0 42.4
88 14.7 0.0 30.6

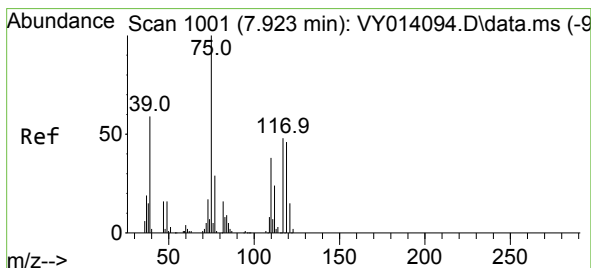
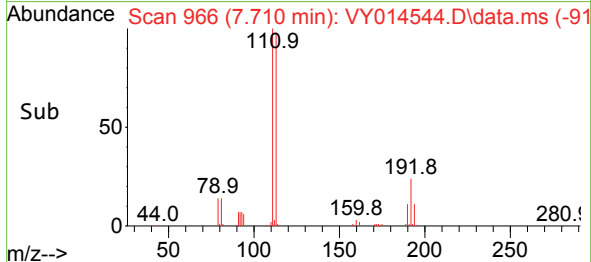
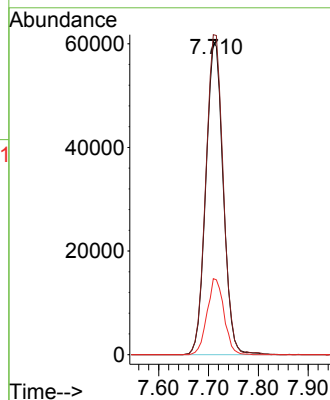
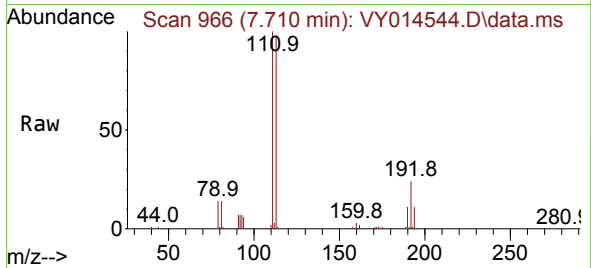




#35
Dibromofluoromethane
Concen: 52.595 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY014544.D
Acq: 03 Jul 2023 18:43

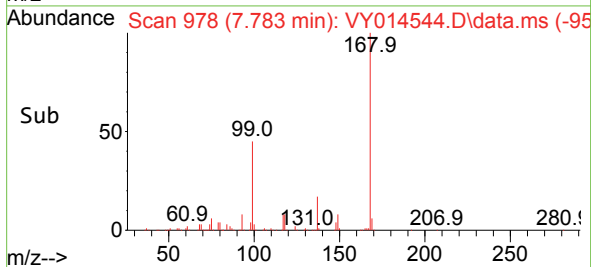
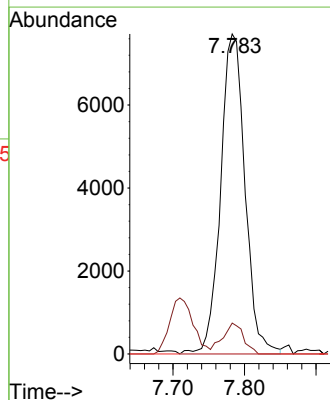
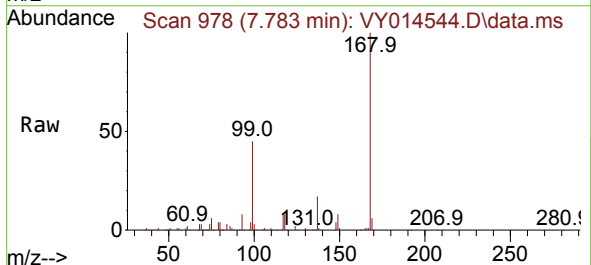
Instrument :
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ClientSampleId :
ALDENE-COMP-2

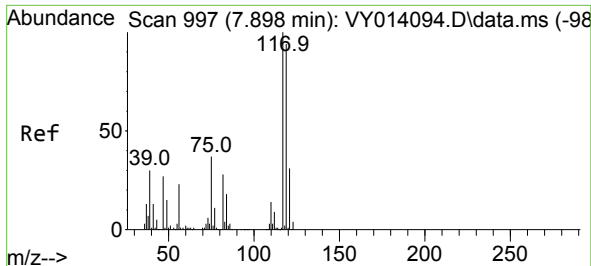
Tgt Ion:113 Resp: 145608
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 23.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.315 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY014544.D
Acq: 03 Jul 2023 18:43

Tgt Ion: 75 Resp: 18296
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.5#
77 0.0 24.4 36.6#

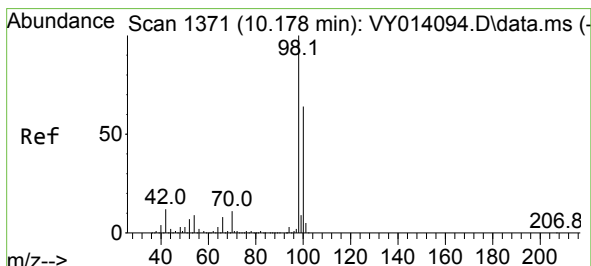
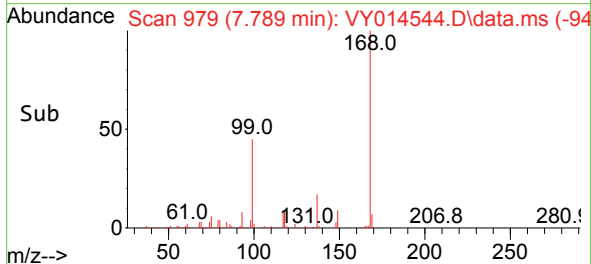
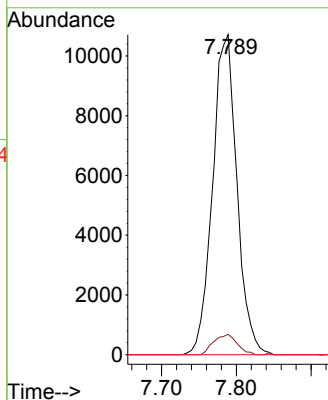
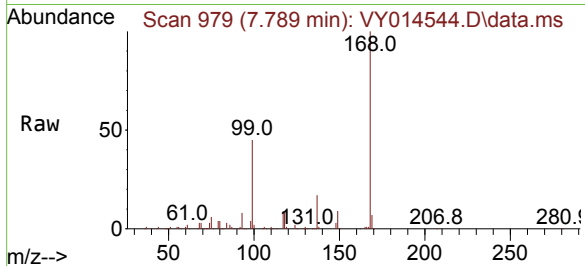




#38
Carbon Tetrachloride
Concen: 5.481 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014544.D
Acq: 03 Jul 2023 18:43

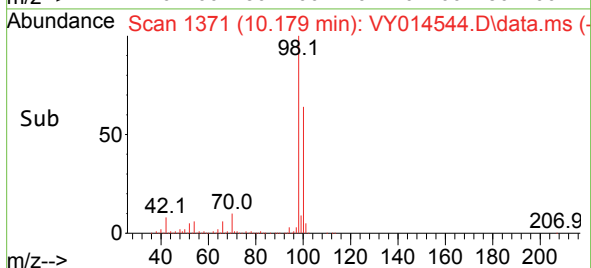
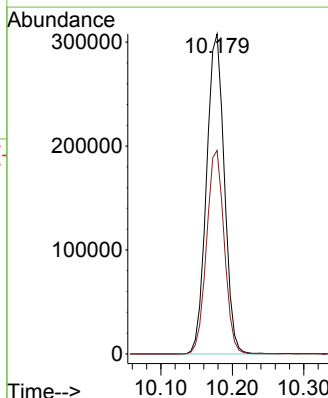
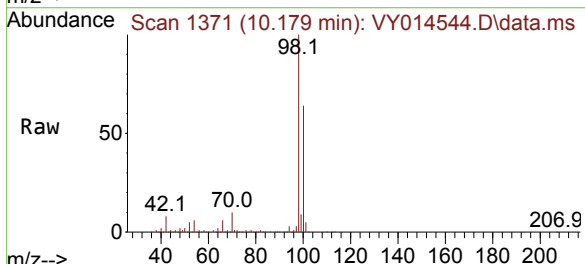
Instrument :
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ALDENE-COMP-2

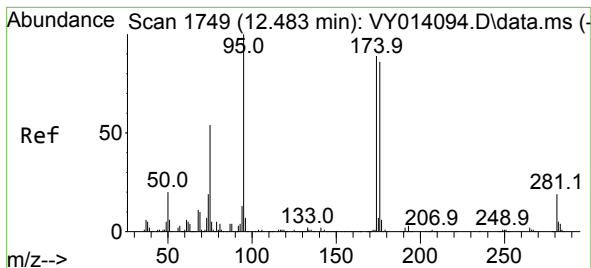
Tgt Ion:117 Resp: 24257
Ion Ratio Lower Upper
117 100
119 6.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.590 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014544.D
Acq: 03 Jul 2023 18:43

Tgt Ion: 98 Resp: 531774
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1

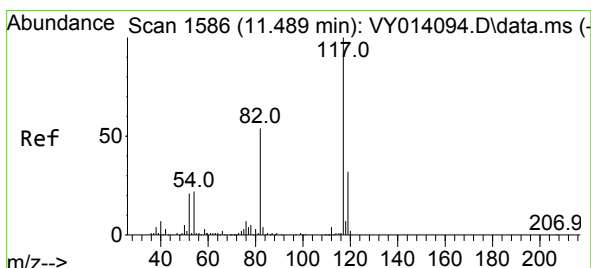
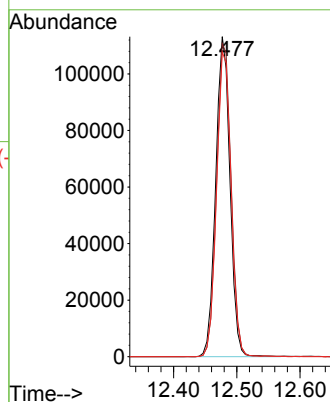
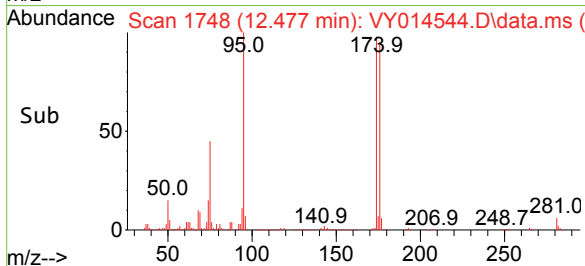
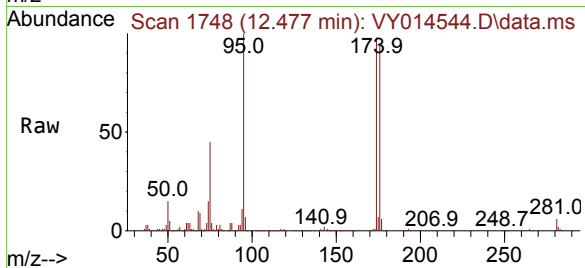




#62
4-Bromofluorobenzene
Concen: 46.452 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014544.D
Acq: 03 Jul 2023 18:43

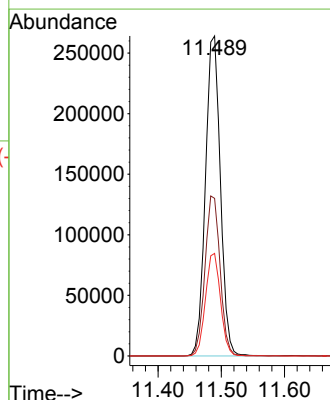
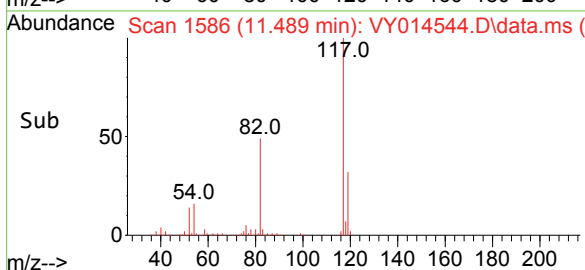
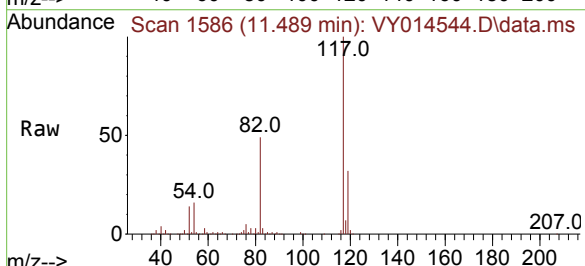
Instrument :
MSVOA_Y
ClientSampleId :
ALDENE-COMP-2

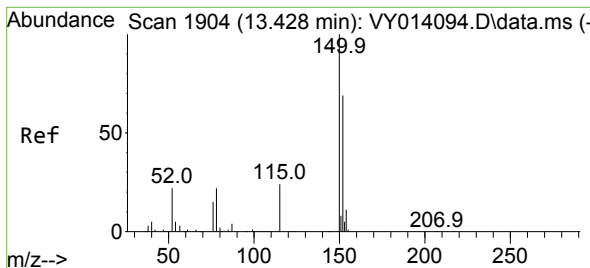
Tgt Ion: 95 Resp: 176530
Ion Ratio Lower Upper
95 100
174 100.2 0.0 178.2
176 96.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014544.D
Acq: 03 Jul 2023 18:43

Tgt Ion: 117 Resp: 435329
Ion Ratio Lower Upper
117 100
82 49.3 43.4 65.0
119 32.1 26.3 39.5

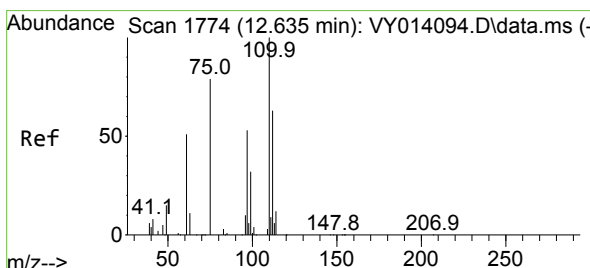
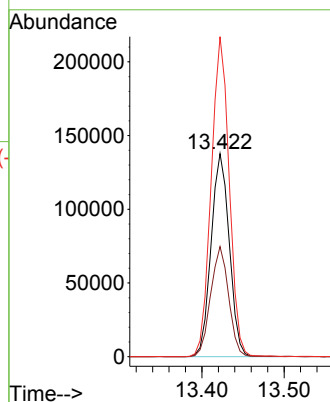
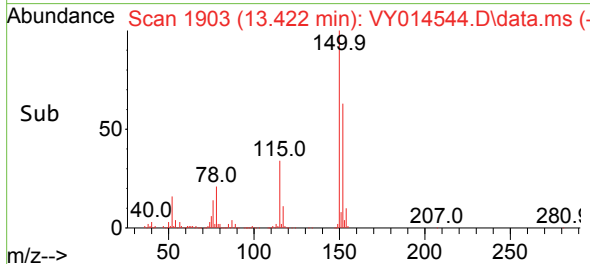
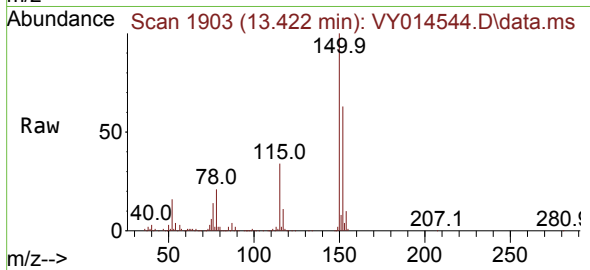




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY014544.D
 Acq: 03 Jul 2023 18:43

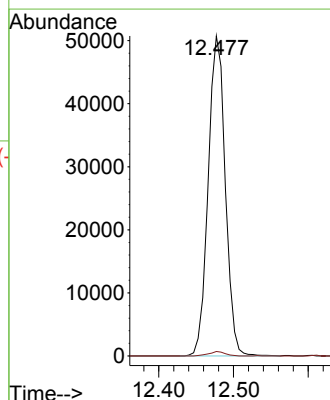
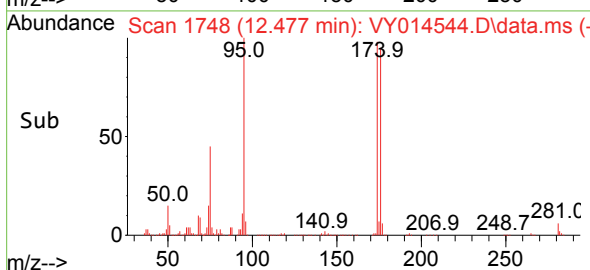
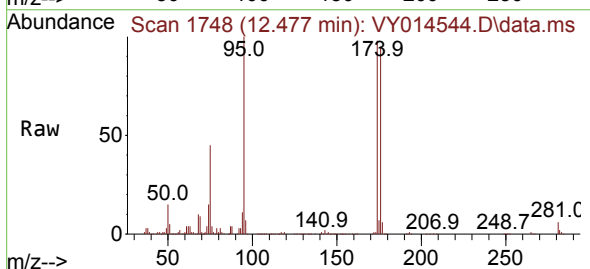
Instrument :
 MSVOA_Y
 ClientSampleId :
 ALDENE-COMP-2

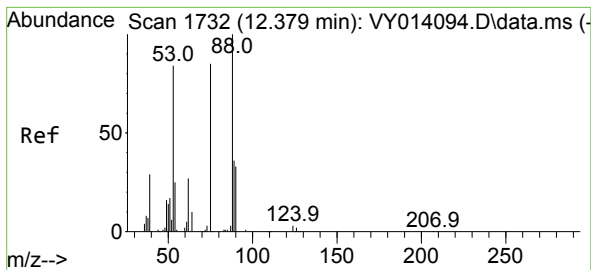
Tgt Ion:152 Resp: 211804
 Ion Ratio Lower Upper
 152 100
 115 53.6 28.8 86.5
 150 155.9 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 32.455 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY014544.D
 Acq: 03 Jul 2023 18:43

Tgt Ion: 75 Resp: 80666
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.172 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014544.D
 Acq: 03 Jul 2023 18:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 ALDENE-COMP-2

Tgt Ion: 75 Resp: 80666
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.8 116.8#
 89 0.0 37.4 56.0#

