

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015142.D
 Acq On : 16 Aug 2023 12:09
 Operator : SY/MD
 Sample : 03972-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 17 05:28:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

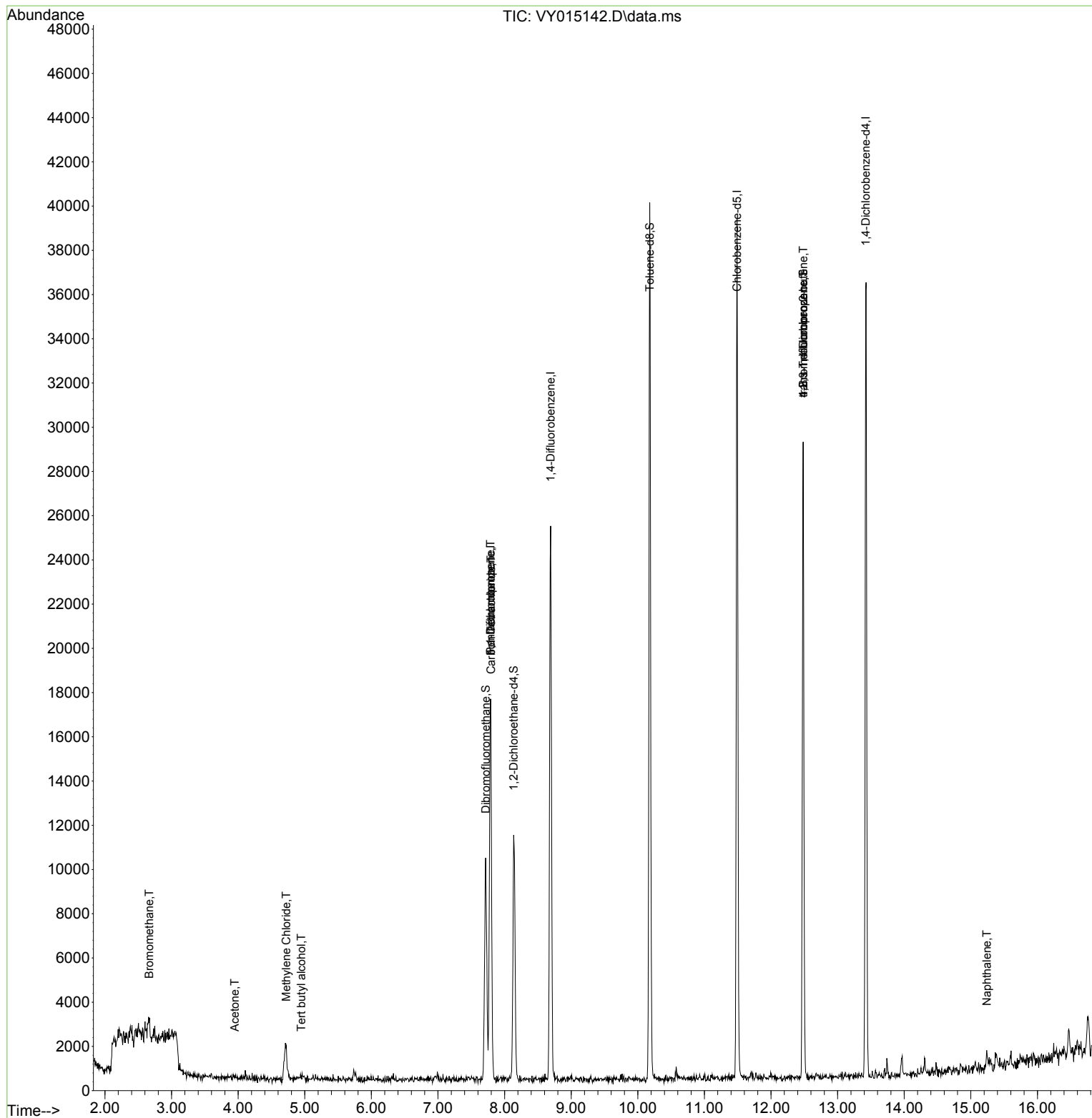
Internal Standards						
1) Pentafluorobenzene	7.789	168	13594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	22635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	21099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	9600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	8816	54.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.060%	
35) Dibromofluoromethane	7.716	113	6845	47.006	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.020%	
50) Toluene-d8	10.179	98	26407	48.715	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.420%	
62) 4-Bromofluorobenzene	12.483	95	9083	45.876	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.760%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	289	Below Cal		96
5) Bromomethane	2.662	94	353	3.214 ug/l	#	57
11) Tert butyl alcohol	4.948	59	498	2.497 ug/l	#	89
16) Acetone	3.948	43	167	3.133 ug/l	#	46
20) Methylene Chloride	4.722	84	1354	6.866 ug/l	#	76
31) Cyclohexane	7.789	56	307	Below Cal	#	67
36) 1,1-Dichloropropene	7.789	75	972	6.033 ug/l	#	41
38) Carbon Tetrachloride	7.795	117	1371	7.191 ug/l	#	12
76) 1,2,3-Trichloropropane	12.483	75	4627	39.672 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4627	87.138 ug/l	#	10
95) Naphthalene	15.239	128	800	1.794 ug/l	#	87

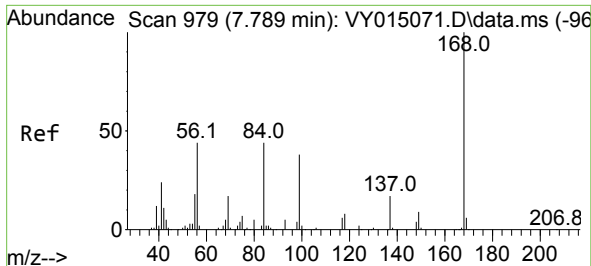
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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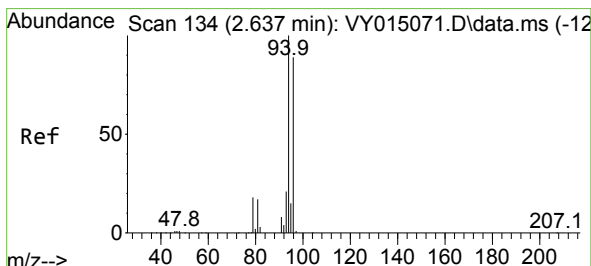
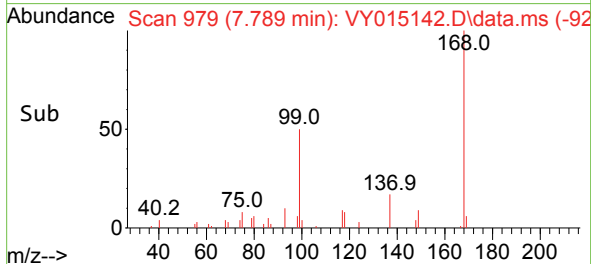
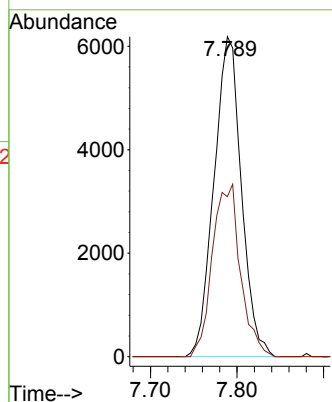
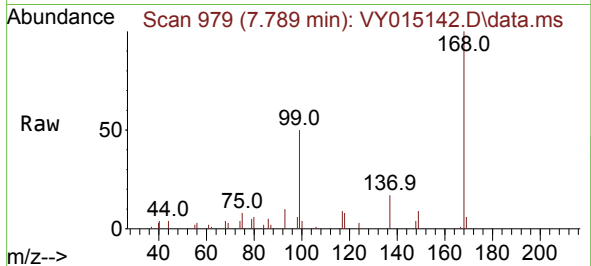




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015142.D
Acq: 16 Aug 2023 12:09

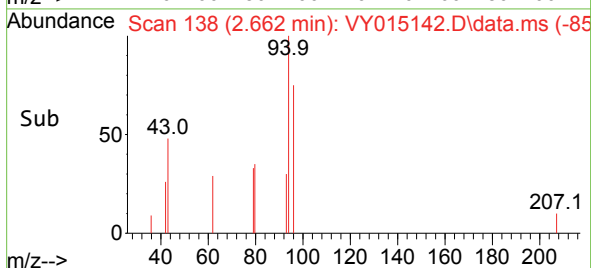
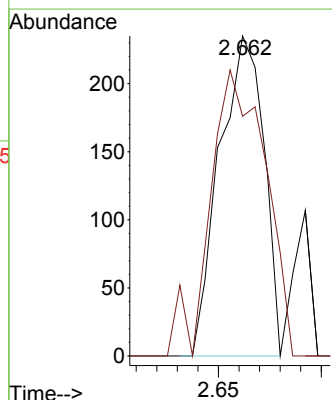
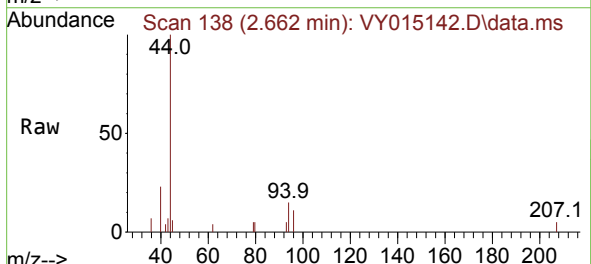
Instrument :
MSVOA_Y
ClientSampleId :

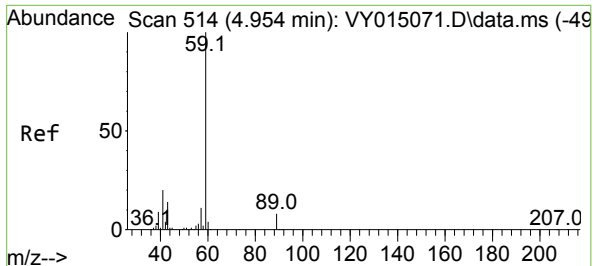
Tgt Ion:168 Resp: 13594
Ion Ratio Lower Upper
168 100
99 50.0 43.4 65.0



#5
Bromomethane
Concen: 3.214 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.025 min
Lab File: VY015142.D
Acq: 16 Aug 2023 12:09

Tgt Ion: 94 Resp: 353
Ion Ratio Lower Upper
94 100
96 52.8 75.8 113.6#





#11

Tert butyl alcohol

Concen: 2.497 ug/l

RT: 4.948 min Scan# 51

Delta R.T. -0.000 min

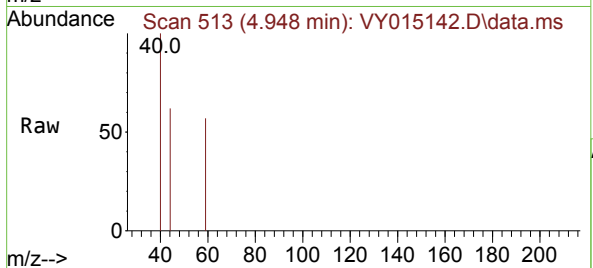
Lab File: VY015142.D

Acq: 16 Aug 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

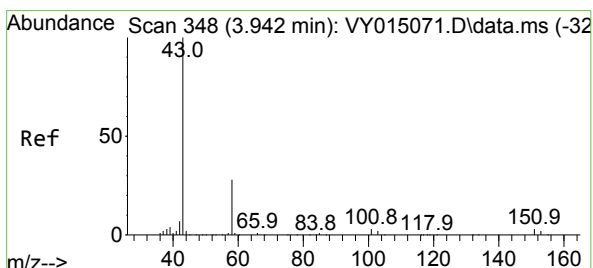
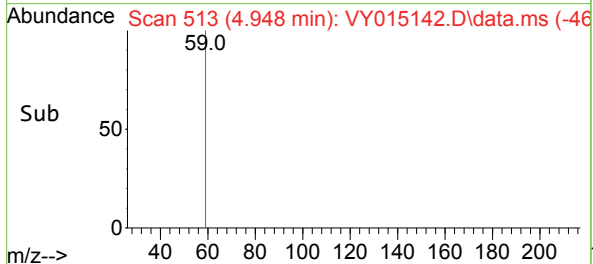
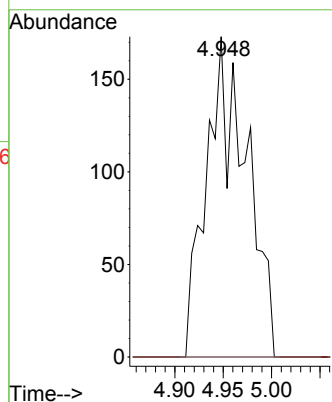


Tgt Ion: 59 Resp: 498

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#16

Acetone

Concen: 3.133 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY015142.D

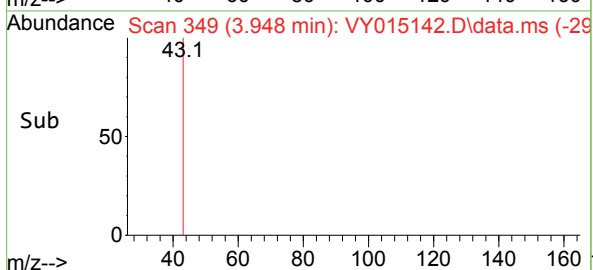
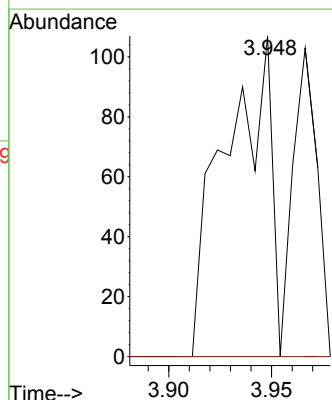
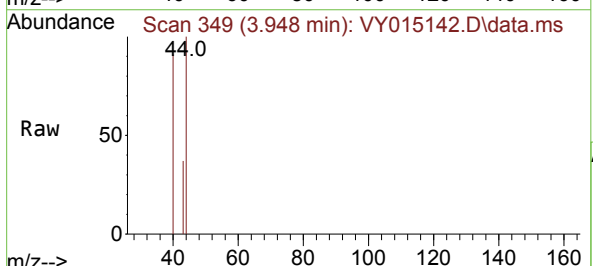
Acq: 16 Aug 2023 12:09

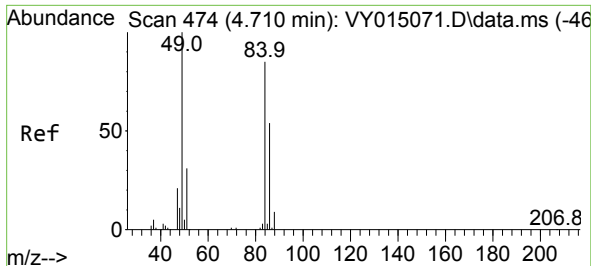
Tgt Ion: 43 Resp: 167

Ion Ratio Lower Upper

43 100

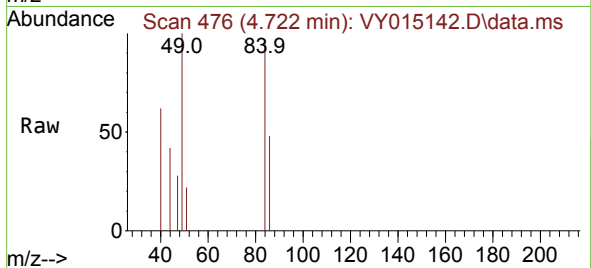
58 0.0 22.7 34.1#



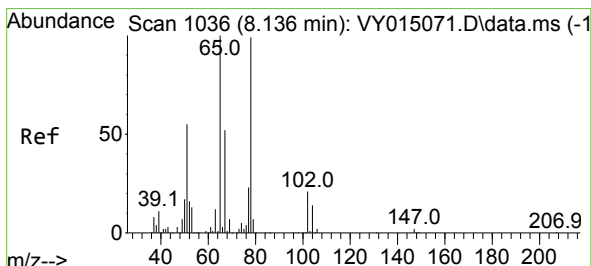
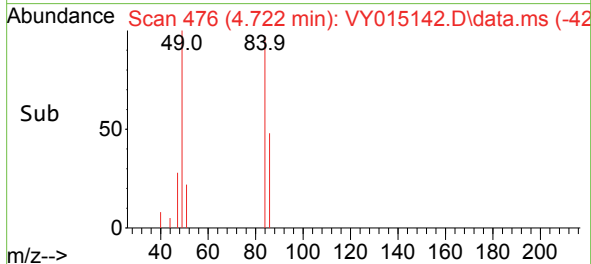
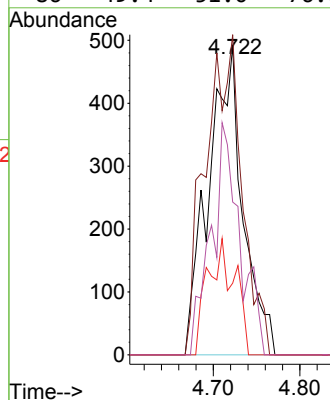


#20
Methylene Chloride
Concen: 6.866 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY015142.D
Acq: 16 Aug 2023 12:09

Instrument :
MSVOA_Y
ClientSampleId :

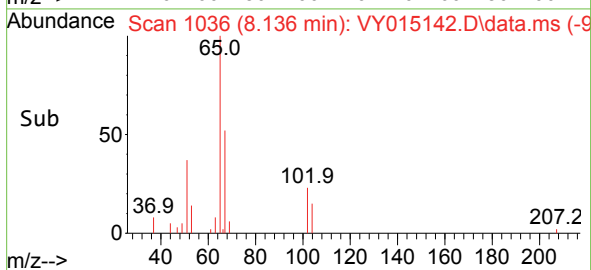
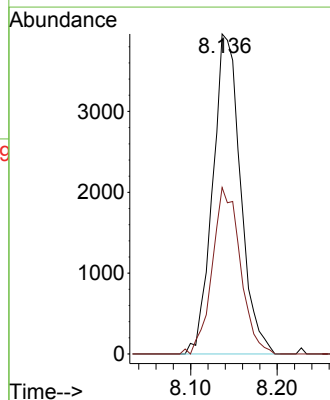
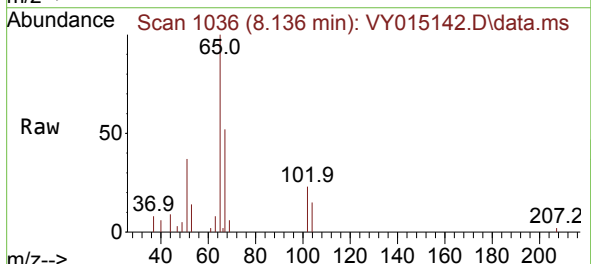


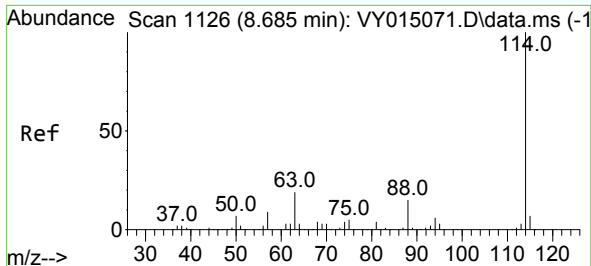
Tgt Ion: 84 Resp: 1354
Ion Ratio Lower Upper
84 100
49 103.5 106.9 160.3#
51 23.2 33.2 49.8#
86 49.4 51.0 76.6#



#33
1,2-Dichloroethane-d4
Concen: 54.025 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015142.D
Acq: 16 Aug 2023 12:09

Tgt Ion: 65 Resp: 8816
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015142.D

Acq: 16 Aug 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

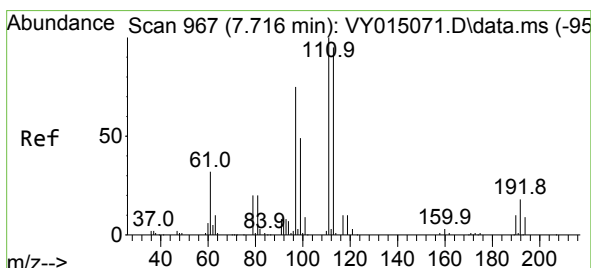
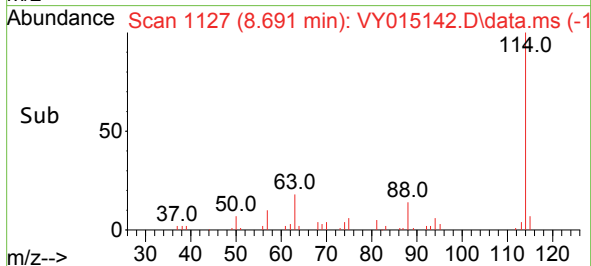
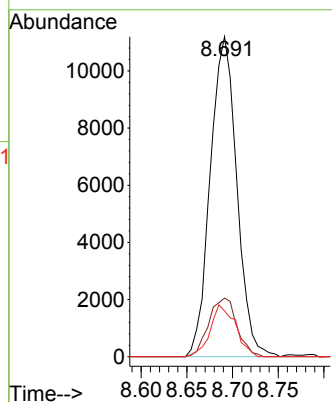
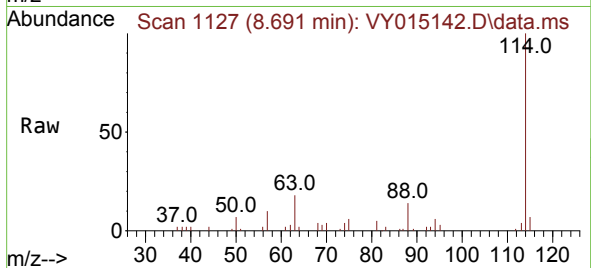
Tgt Ion:114 Resp: 22635

Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.006 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015142.D

Acq: 16 Aug 2023 12:09

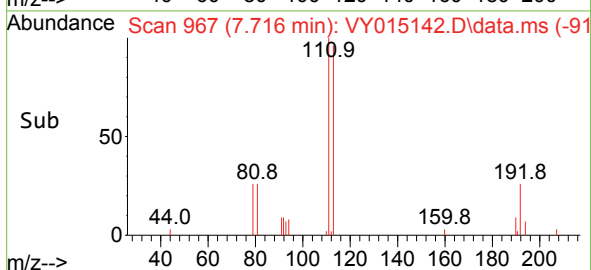
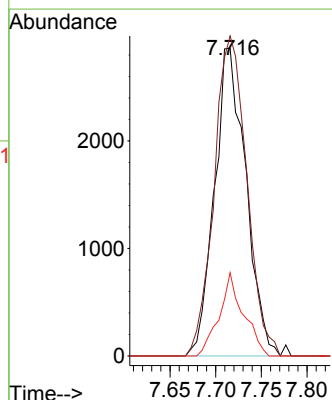
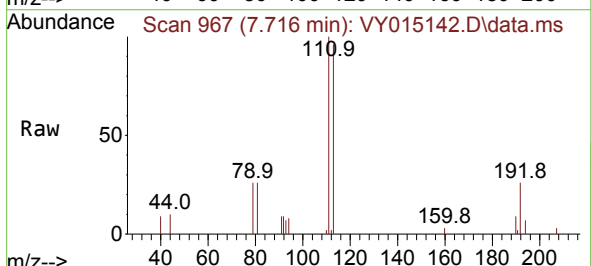
Tgt Ion:113 Resp: 6845

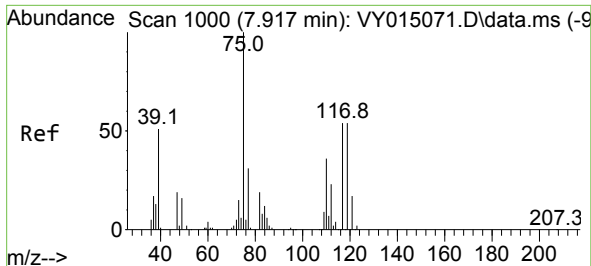
Ion Ratio Lower Upper

113 100

111 107.9 81.3 121.9

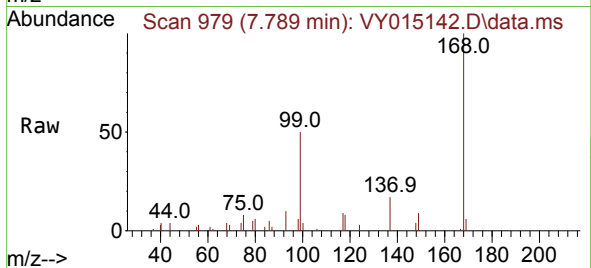
192 20.9 16.9 25.3



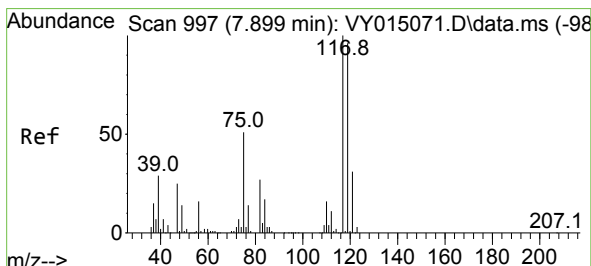
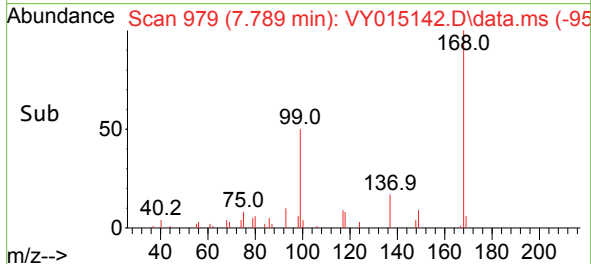
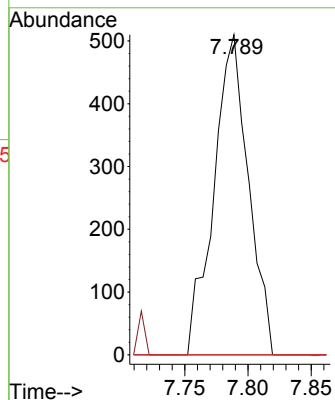


#36
1,1-Dichloropropene
Concen: 6.033 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015142.D
Acq: 16 Aug 2023 12:09

Instrument :
MSVOA_Y
ClientSampleId :

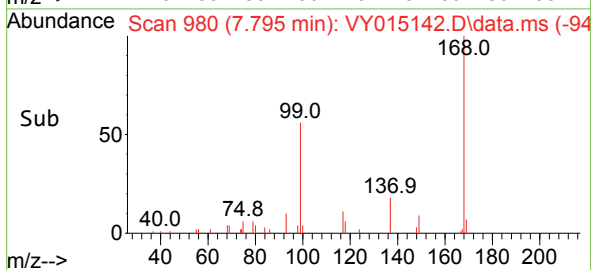
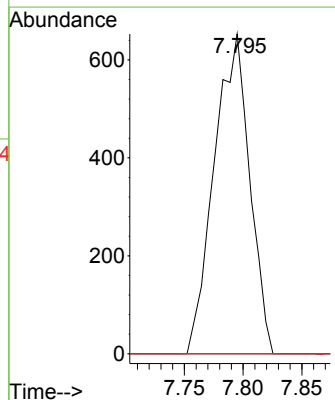
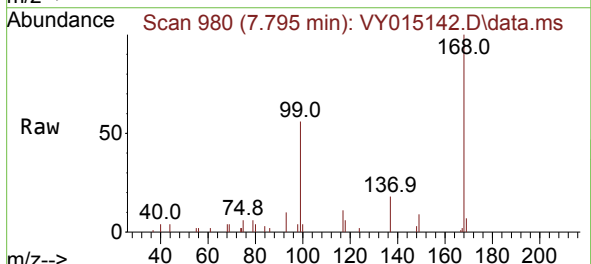


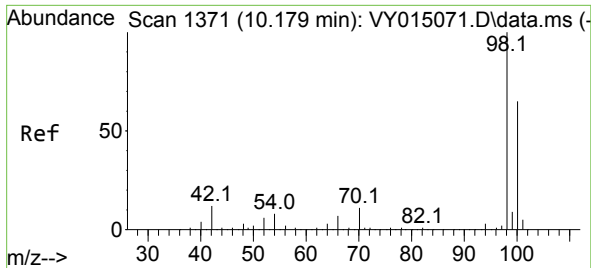
Tgt Ion: 75 Resp: 972
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.191 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY015142.D
Acq: 16 Aug 2023 12:09

Tgt Ion: 117 Resp: 1371
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#

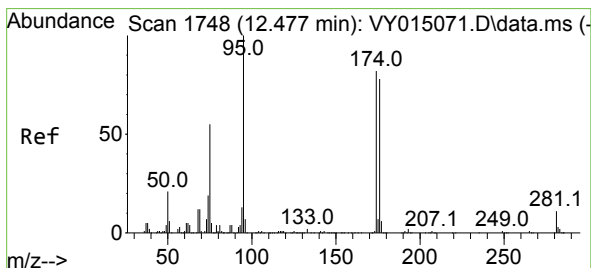
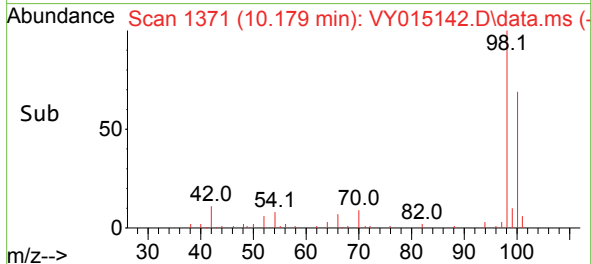
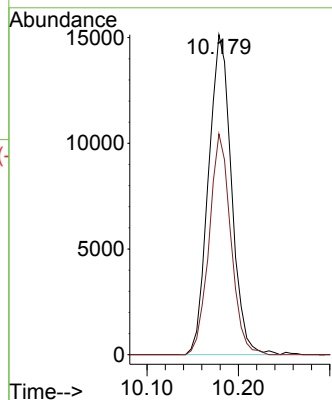
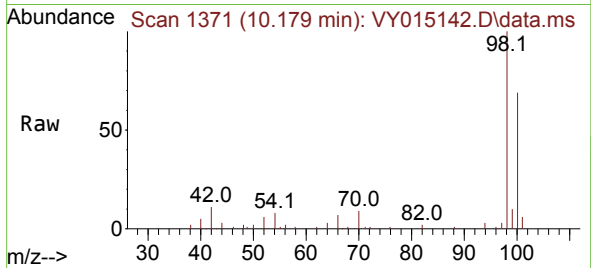




#50
Toluene-d8
Concen: 48.715 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015142.D
Acq: 16 Aug 2023 12:09

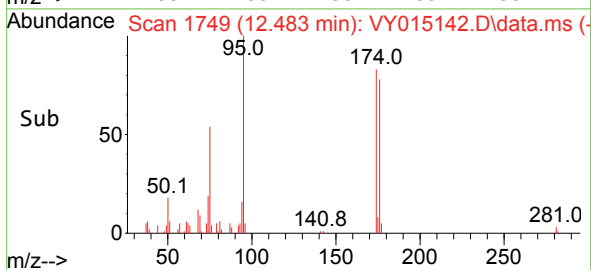
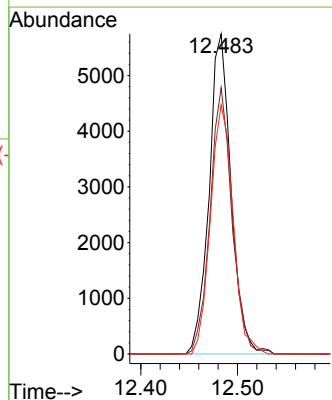
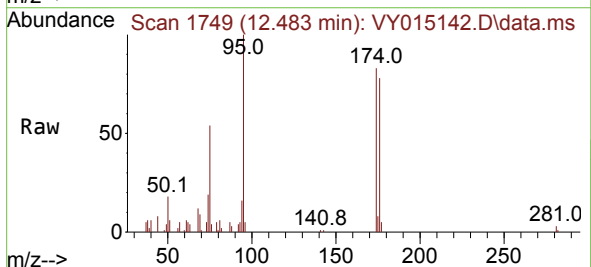
Instrument :
MSVOA_Y
ClientSampleId :

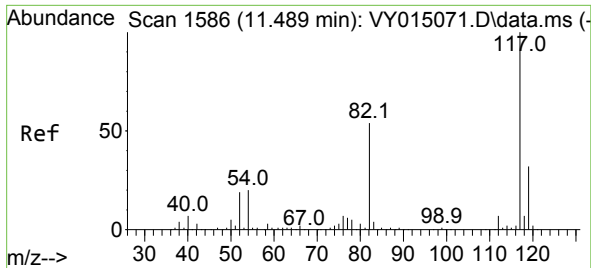
Tgt Ion: 98 Resp: 26407
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.876 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015142.D
Acq: 16 Aug 2023 12:09

Tgt Ion: 95 Resp: 9083
Ion Ratio Lower Upper
95 100
174 83.3 0.0 178.2
176 80.0 0.0 173.8

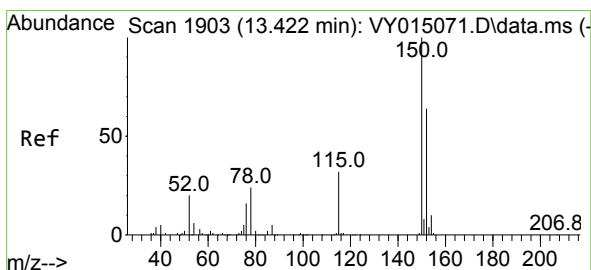
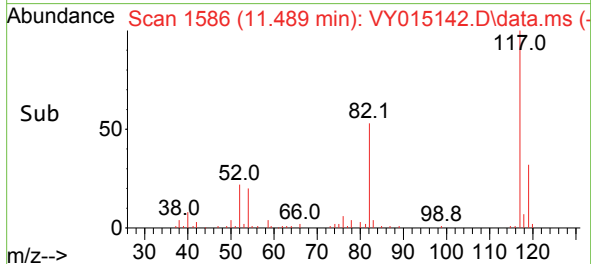
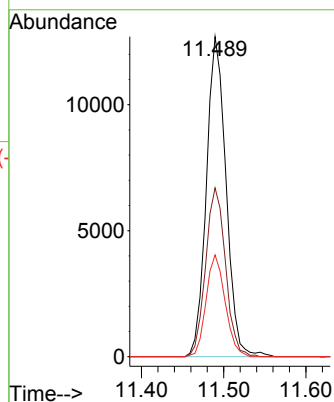
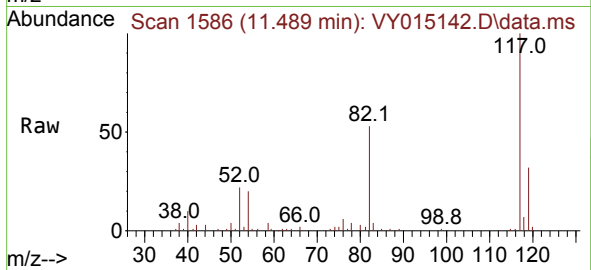




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015142.D
Acq: 16 Aug 2023 12:09

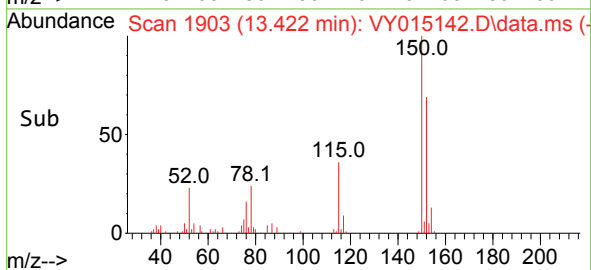
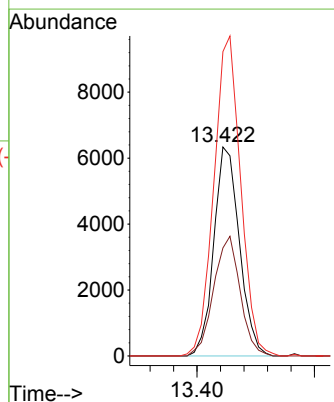
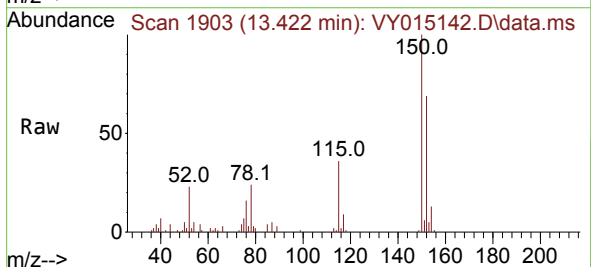
Instrument :
MSVOA_Y
ClientSampleId :

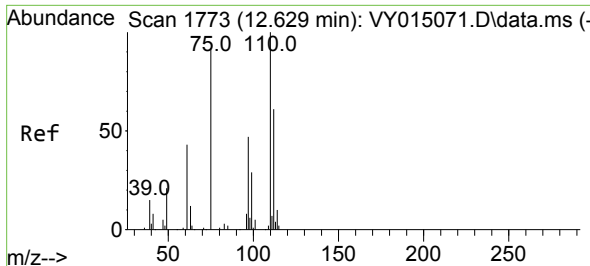
Tgt Ion:117 Resp: 21099
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 31.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015142.D
Acq: 16 Aug 2023 12:09

Tgt Ion:152 Resp: 9600
Ion Ratio Lower Upper
152 100
115 59.3 28.8 86.5
150 159.8 0.0 348.8

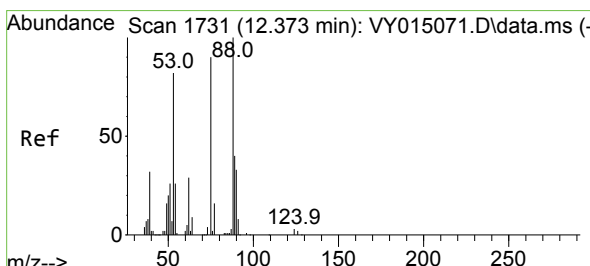
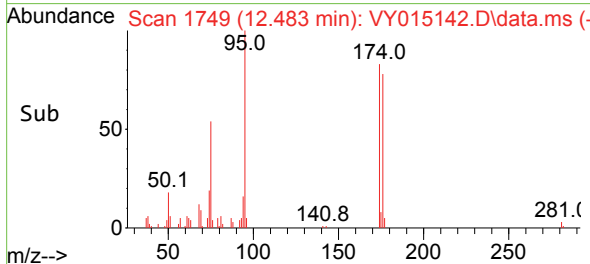
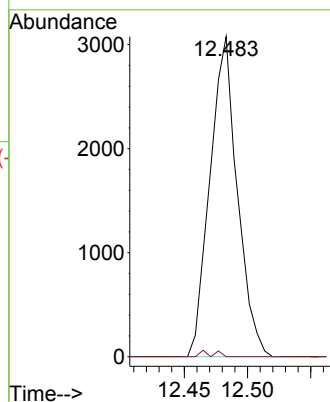
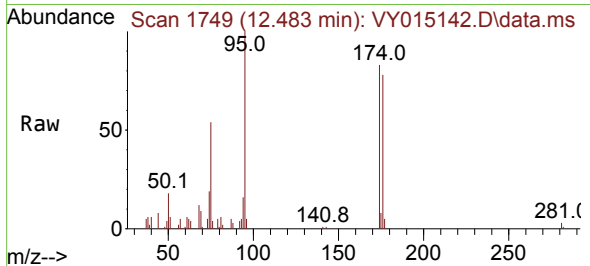




#76
1,2,3-Trichloropropane
Concen: 39.672 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015142.D
Acq: 16 Aug 2023 12:09

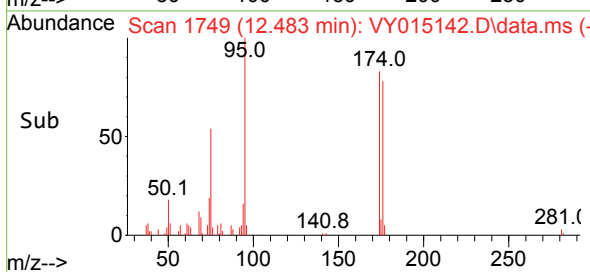
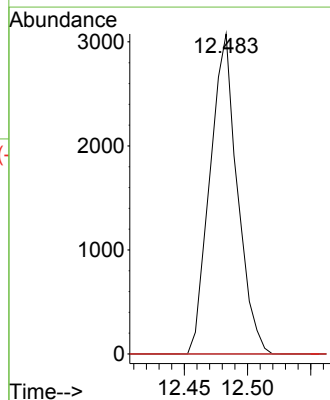
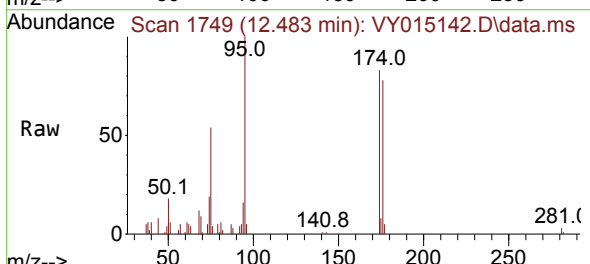
Instrument :
MSVOA_Y
ClientSampleId :

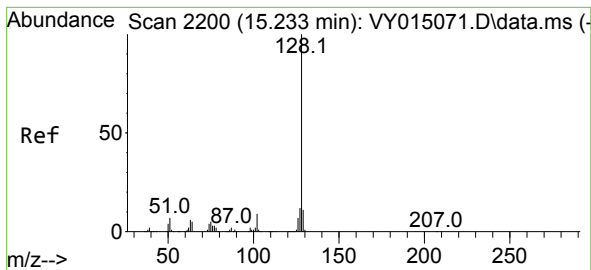
Tgt Ion: 75 Resp: 4627
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.138 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY015142.D
Acq: 16 Aug 2023 12:09

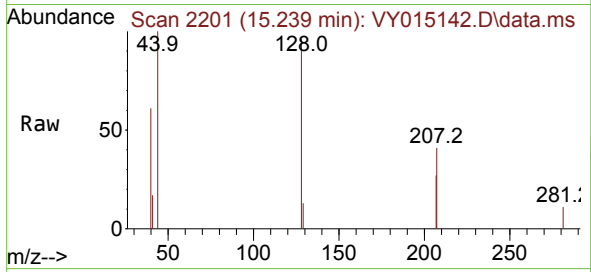
Tgt Ion: 75 Resp: 4627
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#





#95
 Naphthalene
 Concen: 1.794 ug/l
 RT: 15.239 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY015142.D
 Acq: 16 Aug 2023 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	800
Ion	Ratio	Lower	Upper
128	100		
127	4.1	10.8	16.2#
129	10.5	8.6	13.0

