

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015132.D
 Acq On : 16 Aug 2023 03:16
 Operator : SY/MD
 Sample : 03973-11
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 16 04:27:35 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)

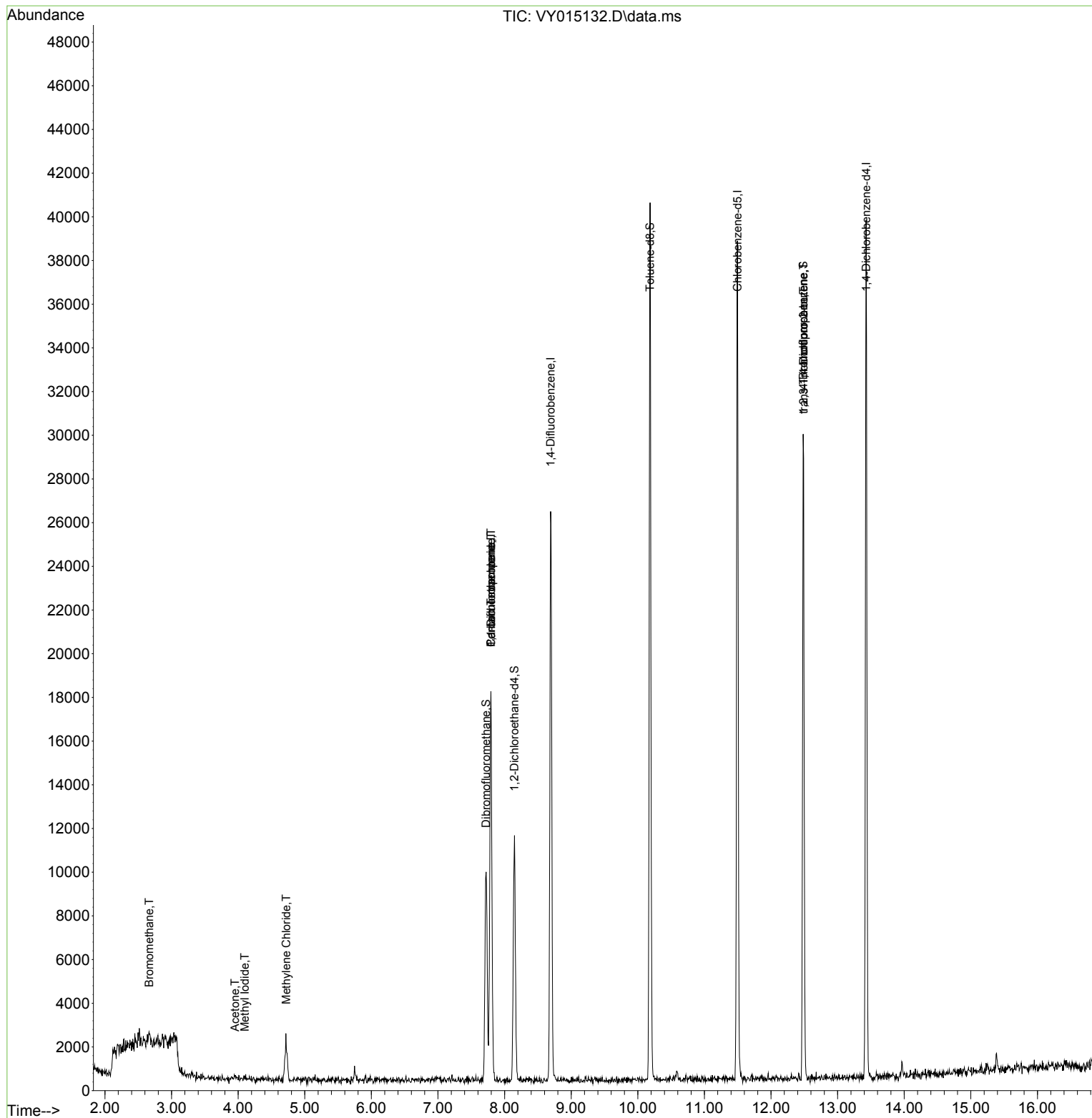
Internal Standards						
1) Pentafluorobenzene	7.795	168	14131	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	22953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	22053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	8901	52.473	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.940%	
35) Dibromofluoromethane	7.722	113	7030	47.608	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.220%	
50) Toluene-d8	10.185	98	26513	48.232	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.460%	
62) 4-Bromofluorobenzene	12.483	95	9356	46.600	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	138	Below Cal	#	43
5) Bromomethane	2.662	94	248	1.818	ug/l #	70
10) Methyl Iodide	4.101	142	228	1.972	ug/l #	38
16) Acetone	3.954	43	349	6.298	ug/l #	46
20) Methylene Chloride	4.722	84	1268	5.717	ug/l #	77
31) Cyclohexane	7.801	56	296	Below Cal	#	87
36) 1,1-Dichloropropene	7.795	75	1110	6.795	ug/l #	41
38) Carbon Tetrachloride	7.795	117	1478	7.645	ug/l #	12
76) 1,2,3-Trichloropropane	12.489	75	5145	40.144	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	5145	88.176	ug/l #	10

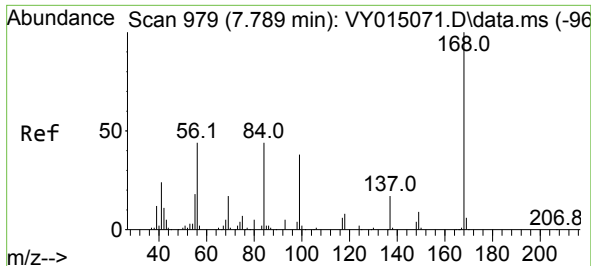
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

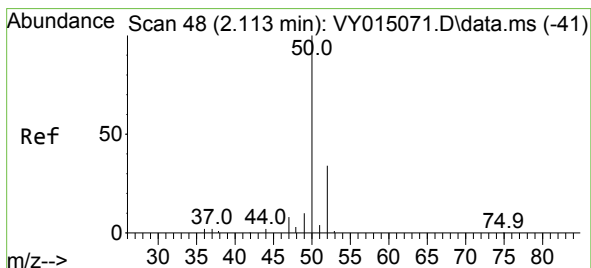
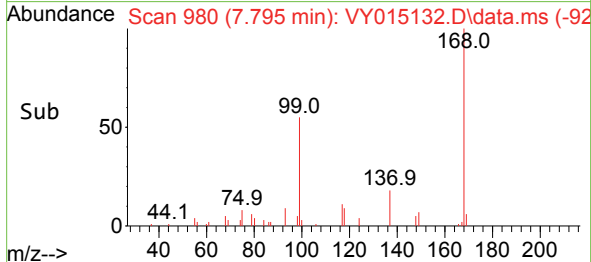
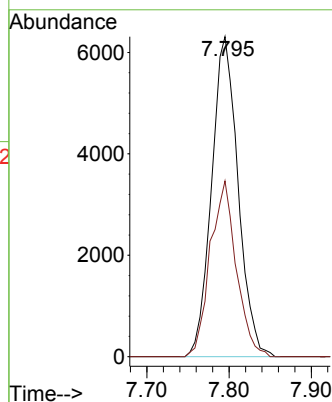
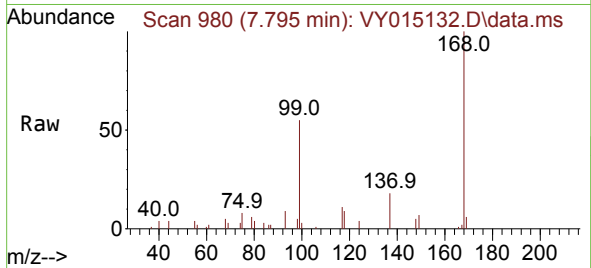




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015132.D
Acq: 16 Aug 2023 03:16

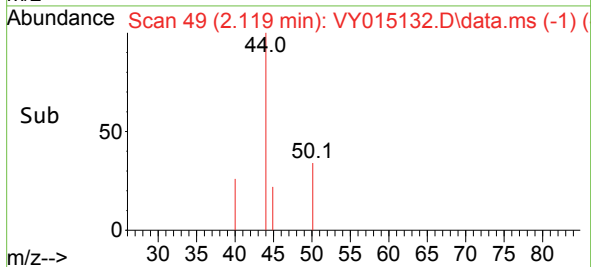
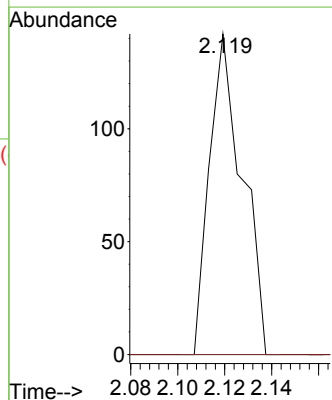
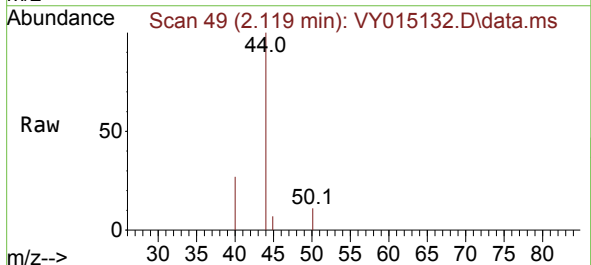
Instrument :
MSVOA_Y
ClientSampleId :

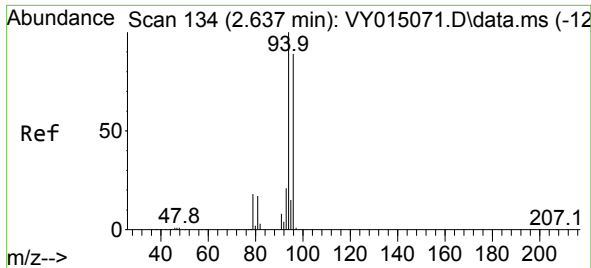
Tgt Ion:168 Resp: 14131
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.012 min
Lab File: VY015132.D
Acq: 16 Aug 2023 03:16

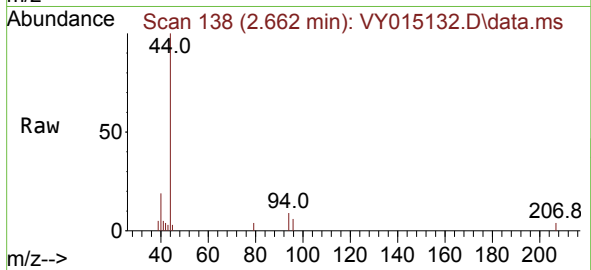
Tgt Ion: 50 Resp: 138
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



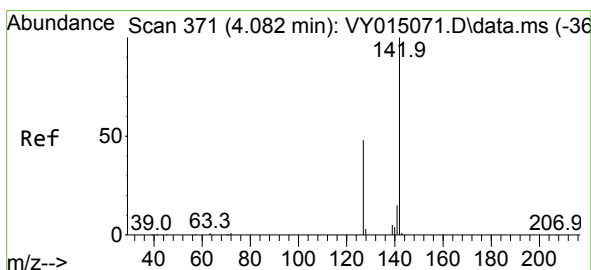
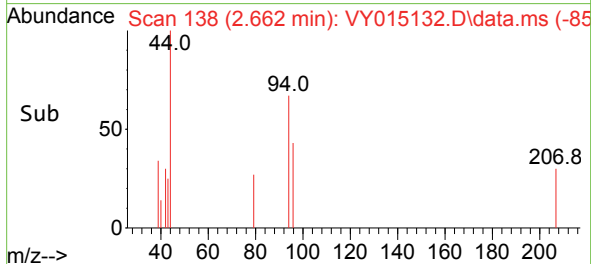
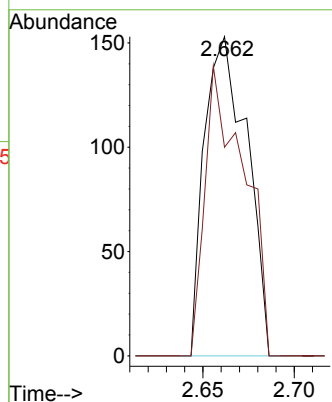


#5
Bromomethane
Concen: 1.818 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.025 min
Lab File: VY015132.D
Acq: 16 Aug 2023 03:16

Instrument :
MSVOA_Y
ClientSampleId :

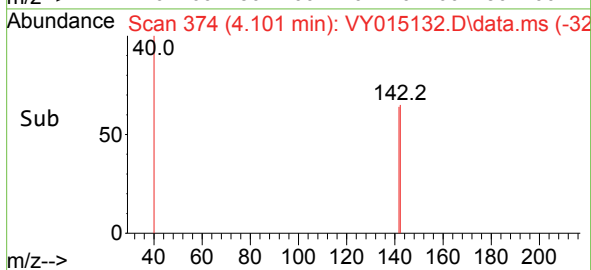
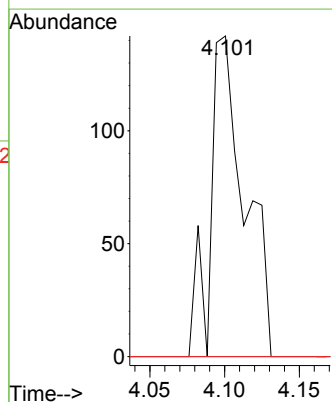
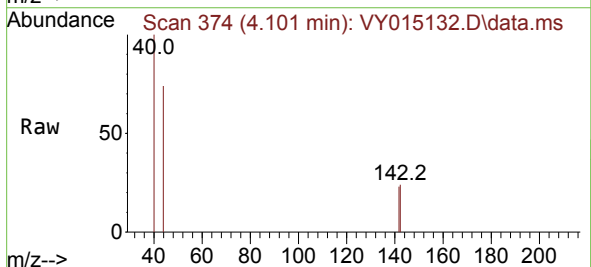


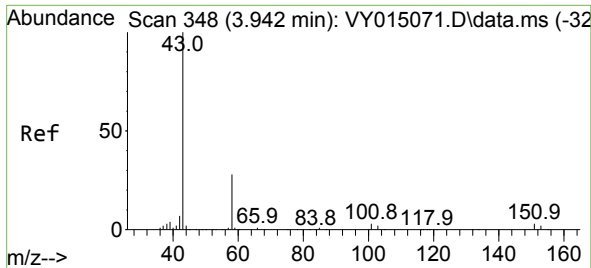
Tgt Ion: 94 Resp: 248
Ion Ratio Lower Upper
94 100
96 65.4 75.8 113.6#



#10
Methyl Iodide
Concen: 1.972 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.018 min
Lab File: VY015132.D
Acq: 16 Aug 2023 03:16

Tgt Ion: 142 Resp: 228
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

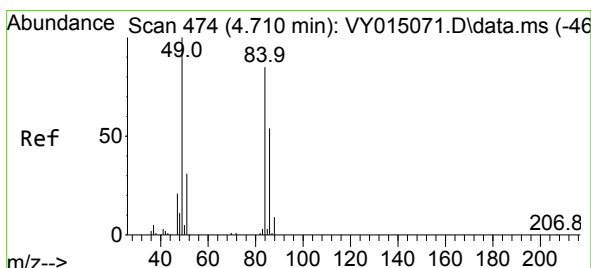
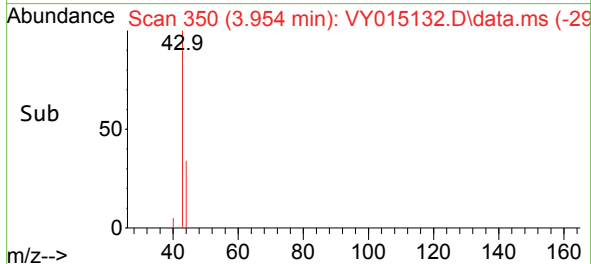
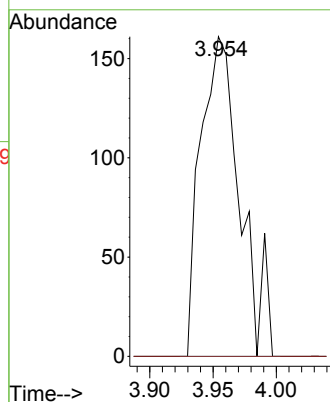
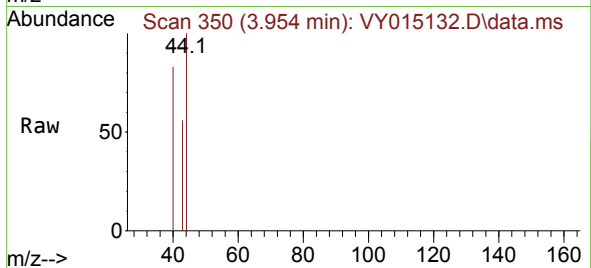




#16
Acetone
Concen: 6.298 ug/l
RT: 3.954 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY015132.D
Acq: 16 Aug 2023 03:16

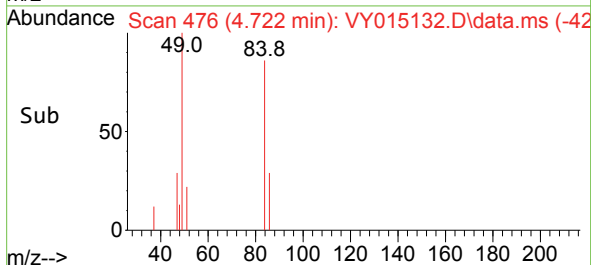
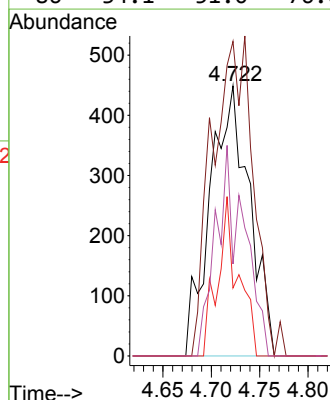
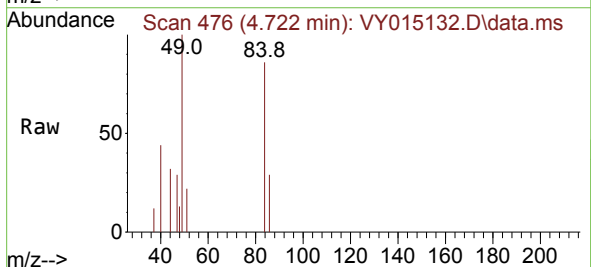
Instrument :
MSVOA_Y
ClientSampleId :

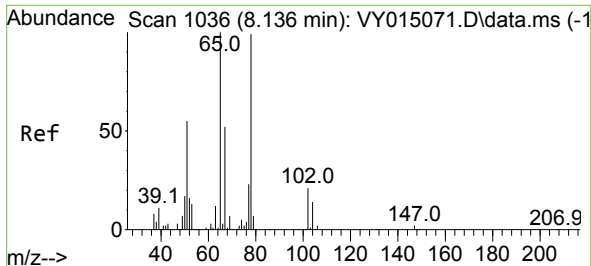
Tgt Ion: 43 Resp: 349
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#20
Methylene Chloride
Concen: 5.717 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY015132.D
Acq: 16 Aug 2023 03:16

Tgt Ion: 84 Resp: 1268
Ion Ratio Lower Upper
84 100
49 116.5 106.9 160.3
51 25.2 33.2 49.8#
86 34.1 51.0 76.6#





#33

1,2-Dichloroethane-d4

Concen: 52.473 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.012 min

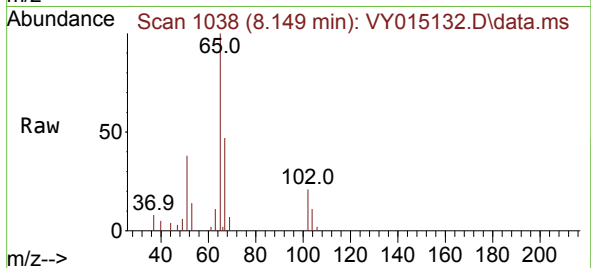
Lab File: VY015132.D

Acq: 16 Aug 2023 03:16

Instrument :

MSVOA_Y

ClientSampleId :

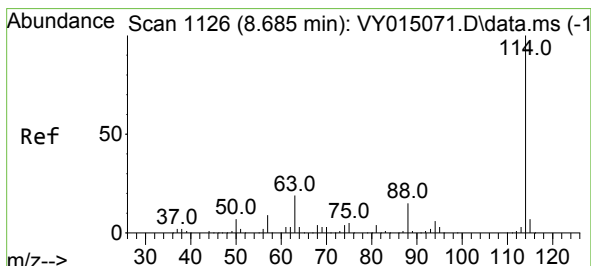
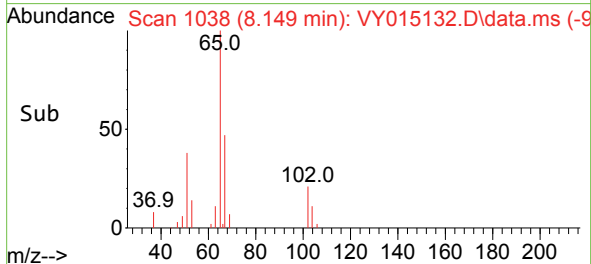
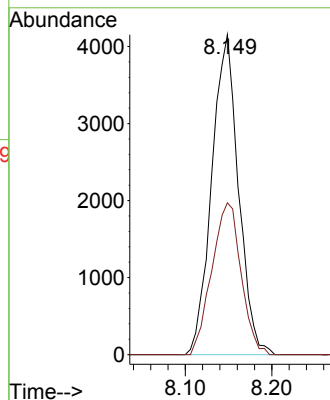


Tgt Ion: 65 Resp: 8901

Ion Ratio Lower Upper

65 100

67 51.9 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: VY015132.D

Acq: 16 Aug 2023 03:16

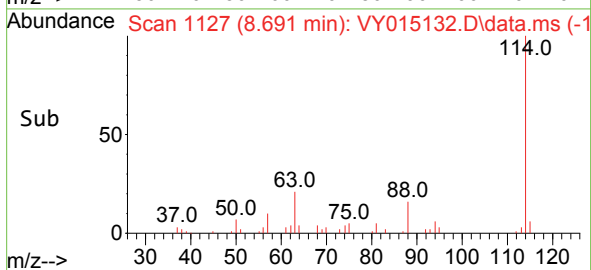
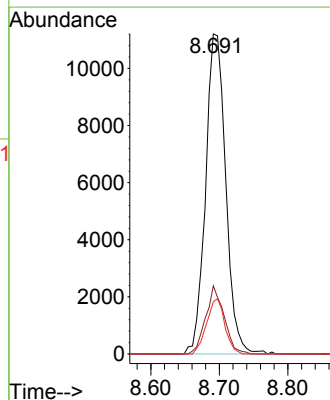
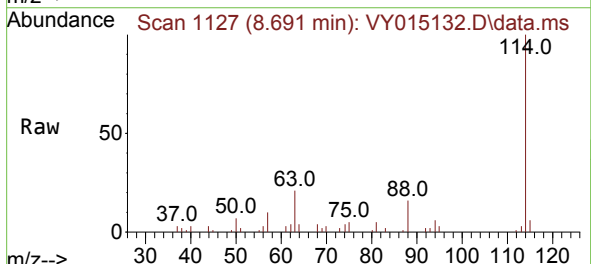
Tgt Ion: 114 Resp: 22953

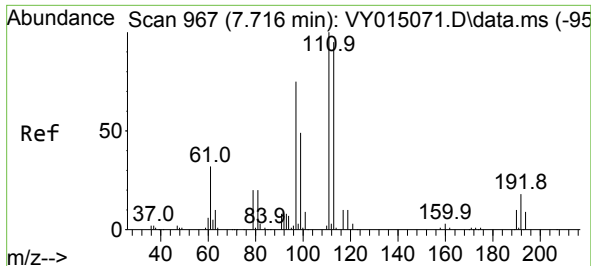
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.4

88 16.3 0.0 30.6

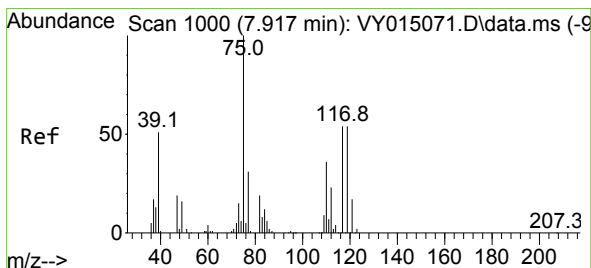
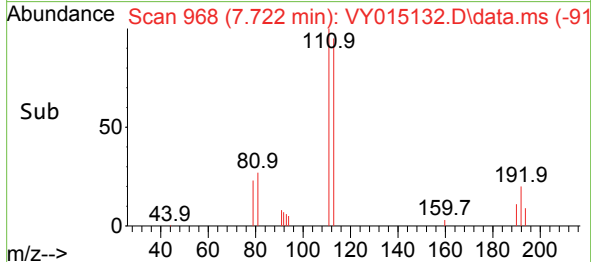
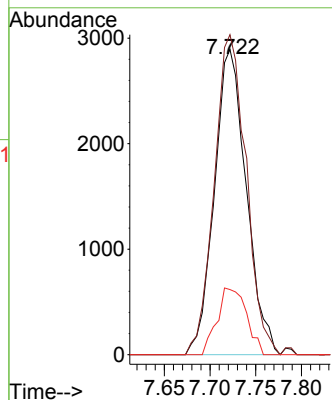
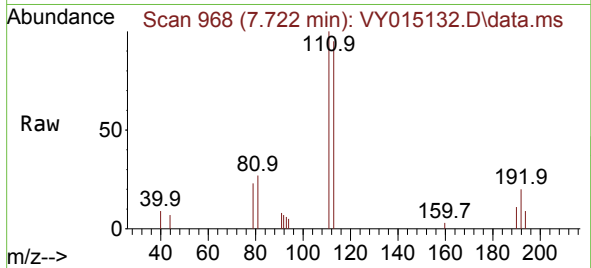




#35
Dibromofluoromethane
Concen: 47.608 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015132.D
Acq: 16 Aug 2023 03:16

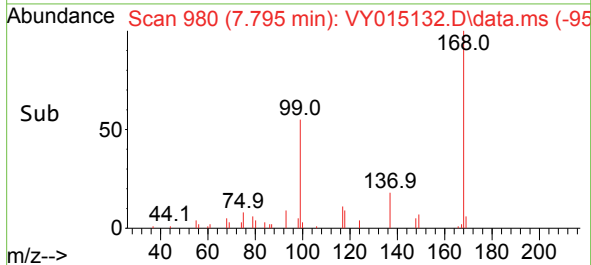
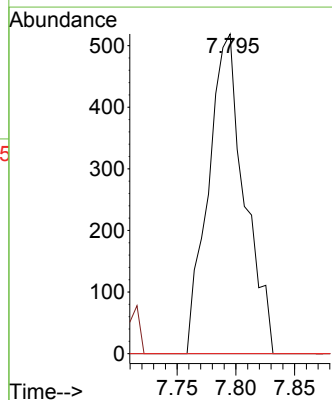
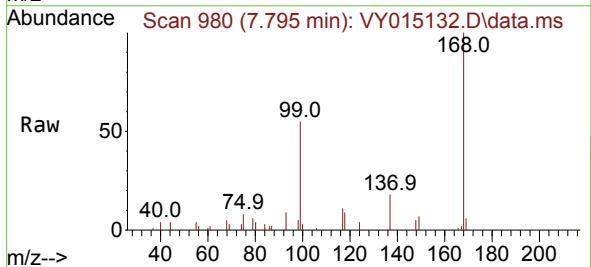
Instrument :
MSVOA_Y
ClientSampleId :

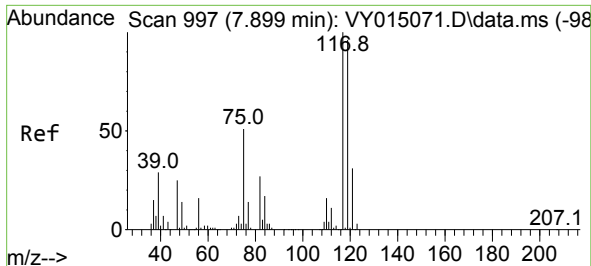
Tgt Ion:113 Resp: 7030
Ion Ratio Lower Upper
113 100
111 104.6 81.3 121.9
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.795 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY015132.D
Acq: 16 Aug 2023 03:16

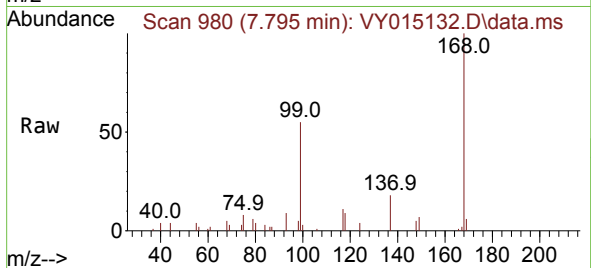
Tgt Ion: 75 Resp: 1110
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 0.0 24.4 36.6#



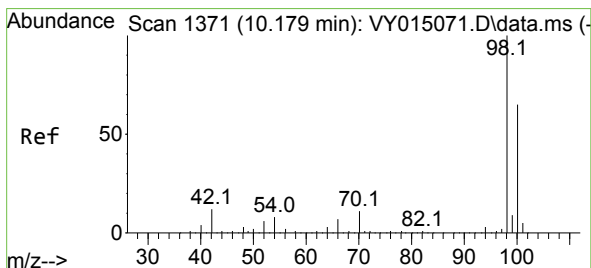
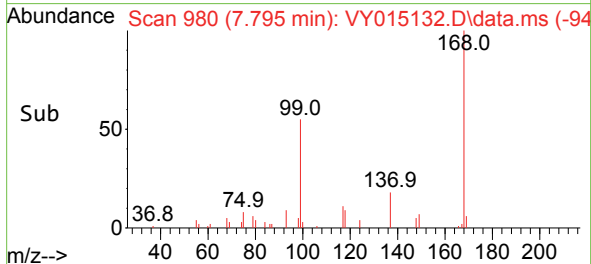
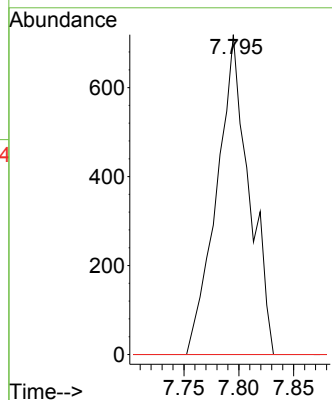


#38
Carbon Tetrachloride
Concen: 7.645 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015132.D
Acq: 16 Aug 2023 03:16

Instrument :
MSVOA_Y
ClientSampleId :

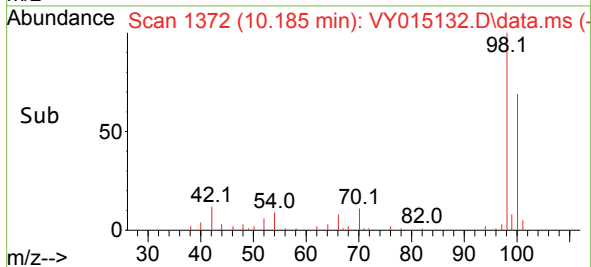
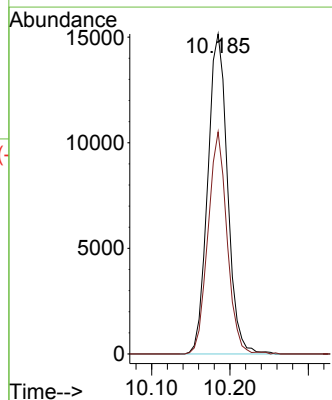
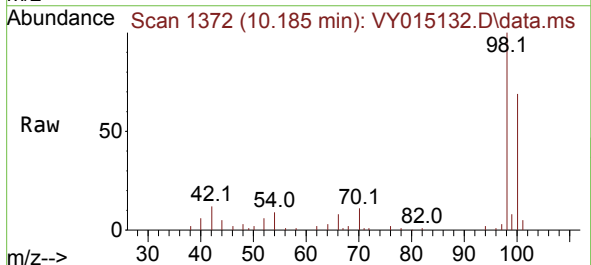


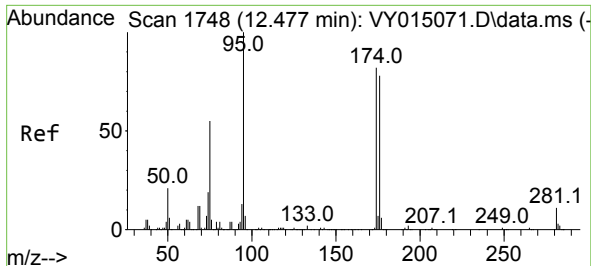
Tgt Ion:117 Resp: 1478
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.232 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015132.D
Acq: 16 Aug 2023 03:16

Tgt Ion: 98 Resp: 26513
Ion Ratio Lower Upper
98 100
100 67.0 50.1 75.1

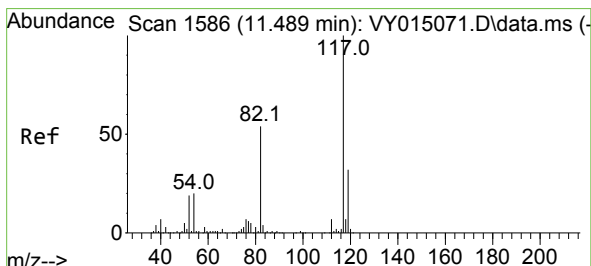
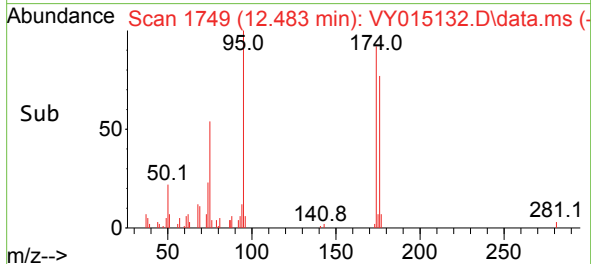
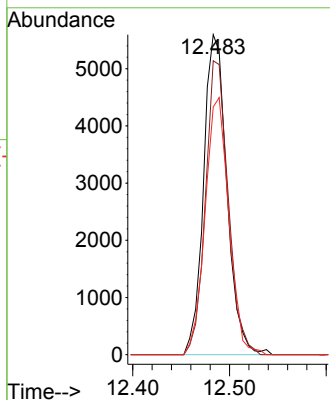
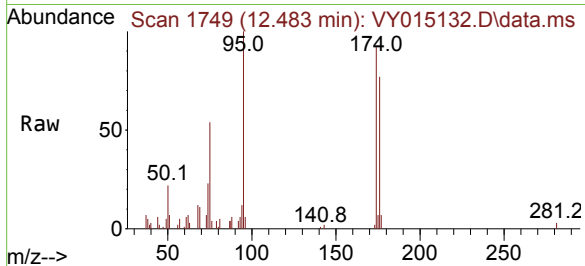




#62
4-Bromofluorobenzene
Concen: 46.600 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015132.D
Acq: 16 Aug 2023 03:16

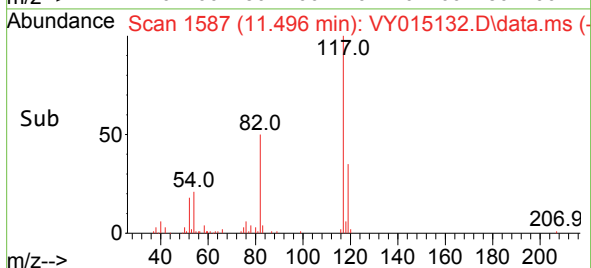
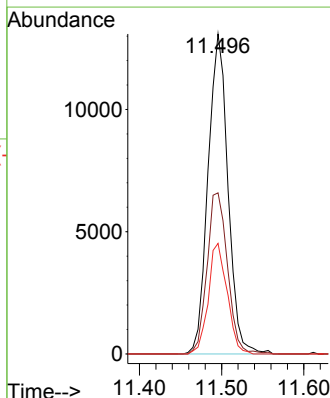
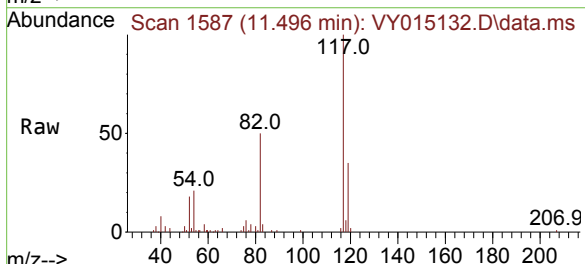
Instrument :
MSVOA_Y
ClientSampleId :

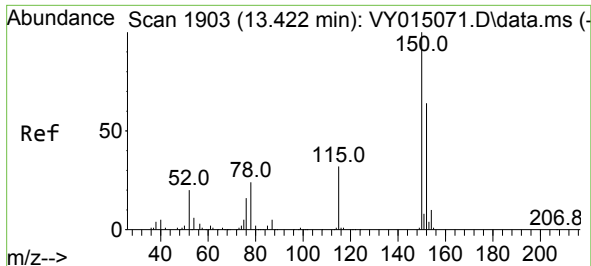
Tgt Ion:	95	Resp:	9356
Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	178.2
176	82.0	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015132.D
Acq: 16 Aug 2023 03:16

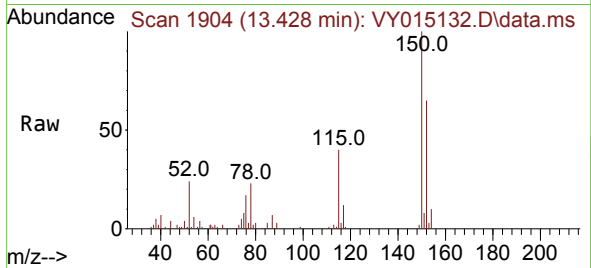
Tgt Ion:	117	Resp:	22053
Ion	Ratio	Lower	Upper
117	100		
82	50.3	43.4	65.0
119	34.5	26.3	39.5



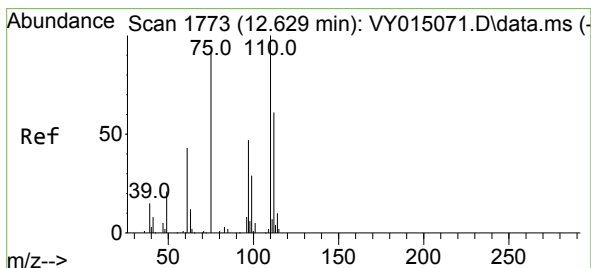
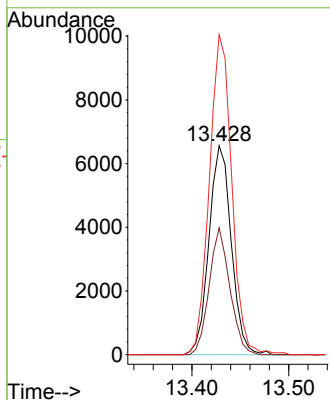
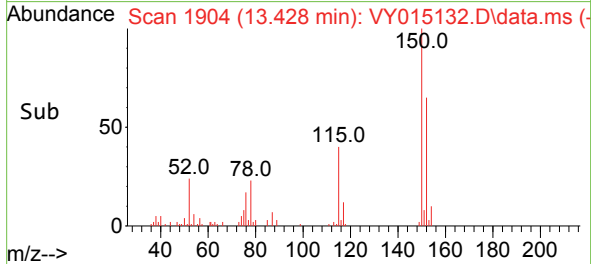


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY015132.D
 Acq: 16 Aug 2023 03:16

Instrument :
 MSVOA_Y
 ClientSampleId :

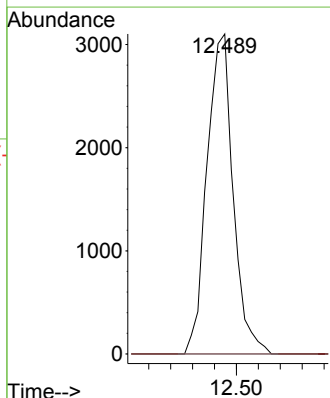
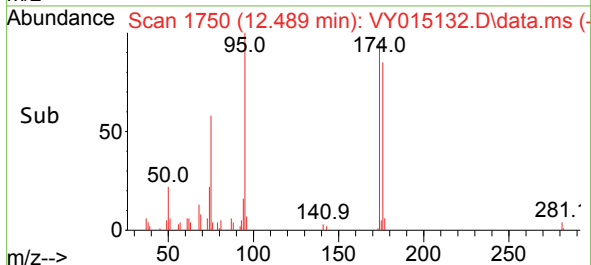
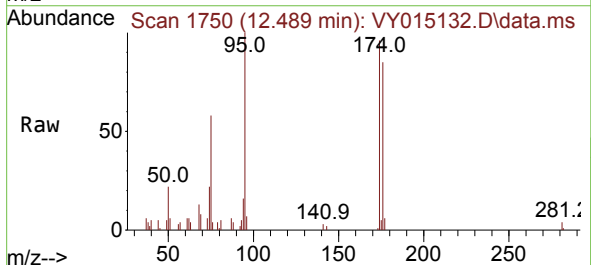


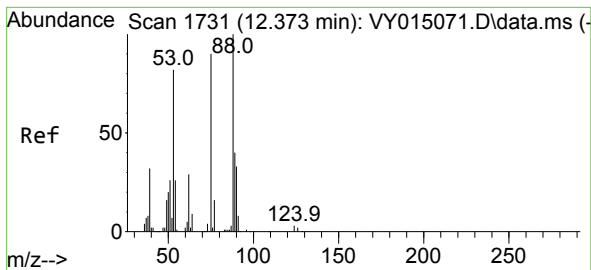
Tgt Ion:152 Resp: 10549
 Ion Ratio Lower Upper
 152 100
 115 56.1 28.8 86.5
 150 153.3 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 40.144 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.140 min
 Lab File: VY015132.D
 Acq: 16 Aug 2023 03:16

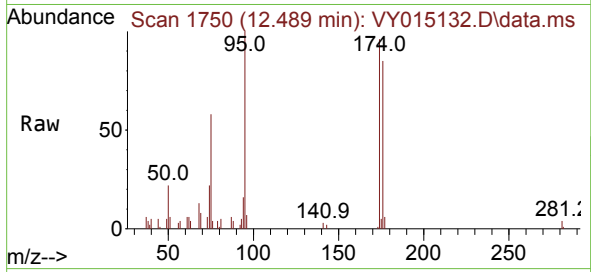
Tgt Ion: 75 Resp: 5145
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.176 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.116 min
 Lab File: VY015132.D
 Acq: 16 Aug 2023 03:16

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 5145
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

