

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017151.D
 Acq On : 31 Jan 2024 11:13
 Operator : SY/MD
 Sample : VY0131SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBL01

Quant Time: Jan 31 22:56:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

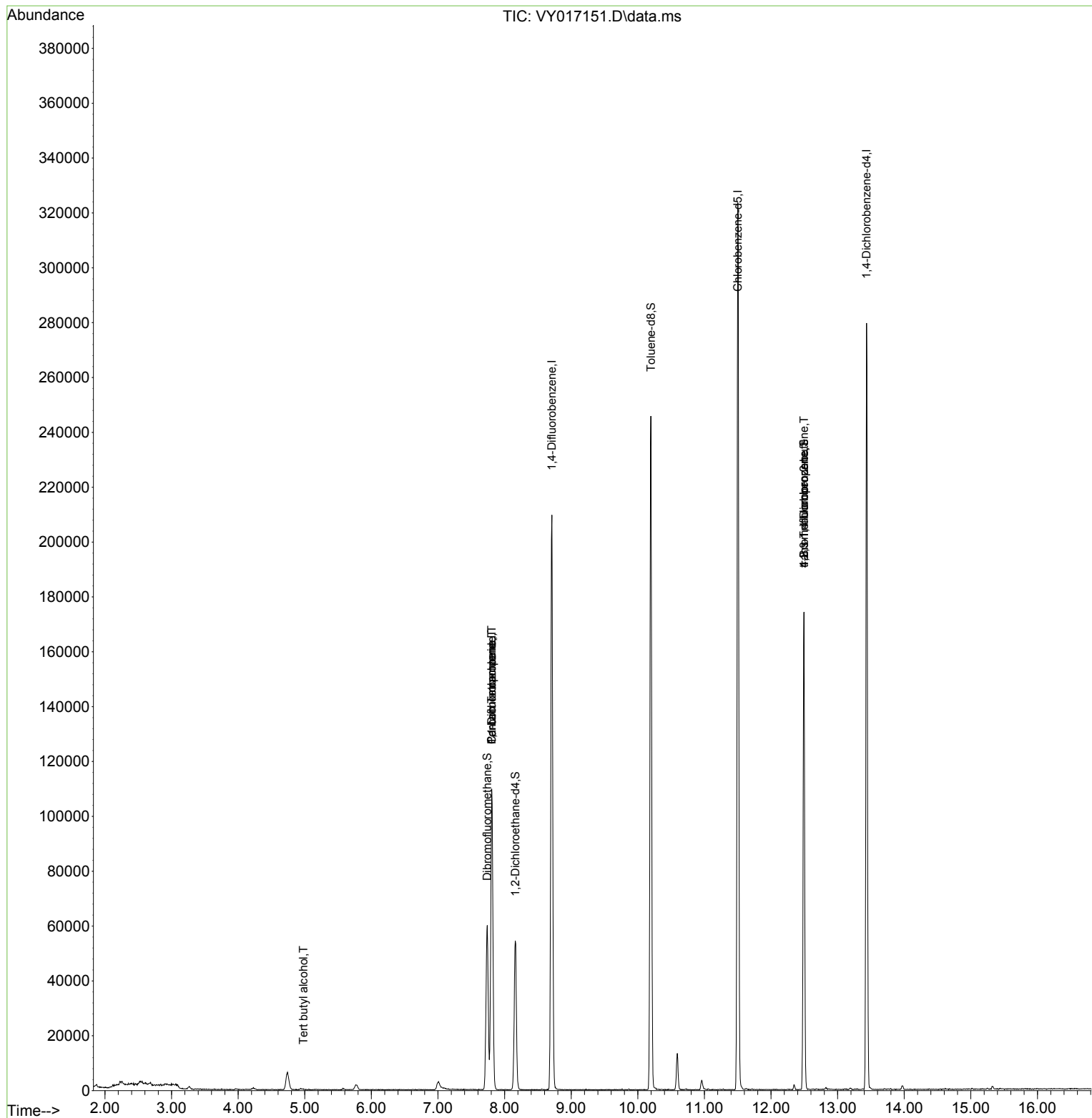
Internal Standards						
1) Pentafluorobenzene	7.807	168	81624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	178814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	174957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	41938	52.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.460%	
35) Dibromofluoromethane	7.740	113	43322	40.142	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 80.280%	
50) Toluene-d8	10.197	98	158285	38.831	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 77.660%	
62) 4-Bromofluorobenzene	12.495	95	52572	41.866	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.740%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	19	Below Cal	#	40
3) Chloromethane	2.131	50	155	Below Cal	#	41
4) Vinyl Chloride	2.253	62	56	Below Cal	#	43
5) Bromomethane	2.674	94	263	Below Cal		97
6) Chloroethane	2.570	64	41	Below Cal	#	43
11) Tert butyl alcohol	4.978	59	277	4.478 ug/l	#	75
16) Acetone	3.966	43	499	Below Cal	#	87
20) Methylene Chloride	4.741	84	4623	Below Cal		89
25) 2-Butanone	6.996	43	202	Below Cal	#	48
31) Cyclohexane	7.813	56	1849	Below Cal	#	1
36) 1,1-Dichloropropene	7.807	75	7456	4.199 ug/l	#	50
38) Carbon Tetrachloride	7.807	117	8311	4.776 ug/l	#	18
76) 1,2,3-Trichloropropane	12.495	75	28221	33.996 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.495	75	28221	88.011 ug/l	#	12

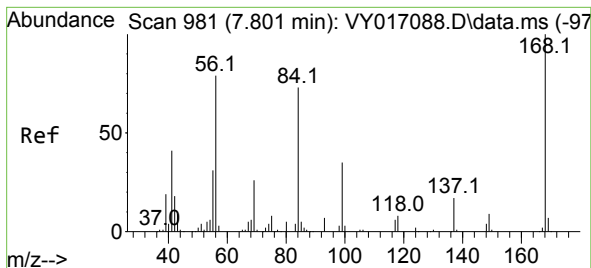
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.807 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY017151.D

Acq: 31 Jan 2024 11:13

Instrument :

MSVOA_Y

ClientSampleId :

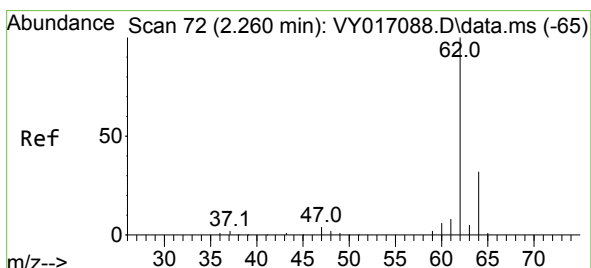
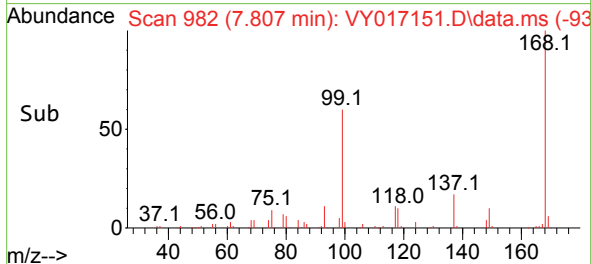
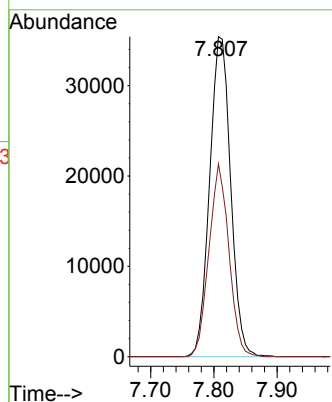
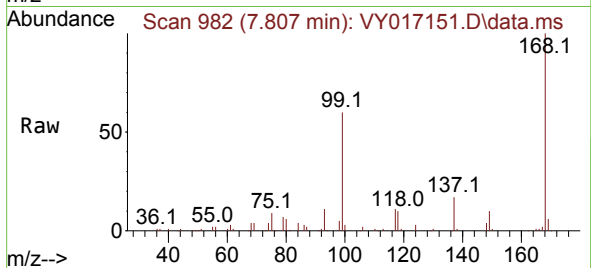
VY0131SBL01

Tgt Ion:168 Resp: 81624

Ion Ratio Lower Upper

168 100

99 60.3 44.2 66.4



#4

Vinyl Chloride

Concen: Below Cal

RT: 2.253 min Scan# 71

Delta R.T. -0.006 min

Lab File: VY017151.D

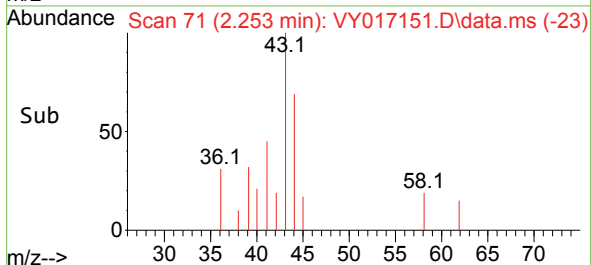
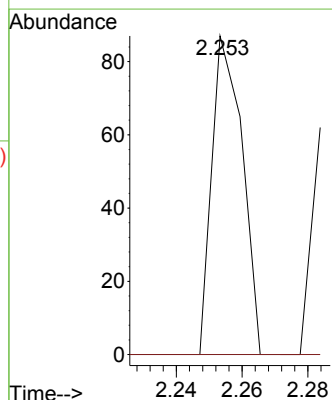
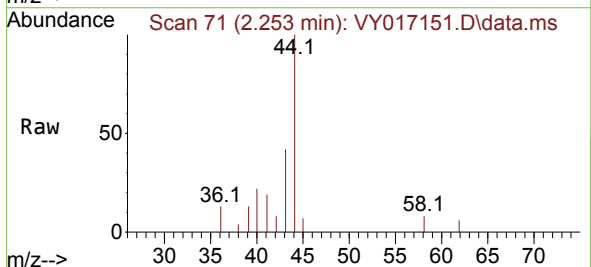
Acq: 31 Jan 2024 11:13

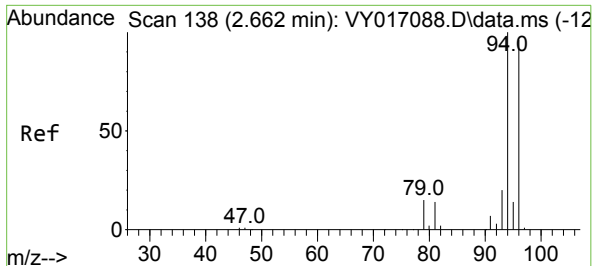
Tgt Ion: 62 Resp: 56

Ion Ratio Lower Upper

62 100

64 0.0 25.7 38.5#





#5

Bromomethane

Concen: Below Cal

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY017151.D

Acq: 31 Jan 2024 11:13

Instrument :

MSVOA_Y

ClientSampleId :

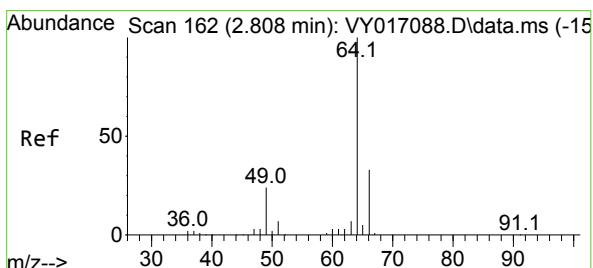
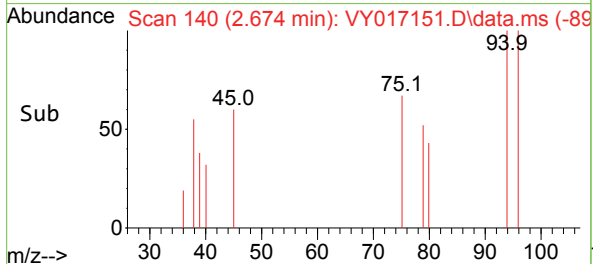
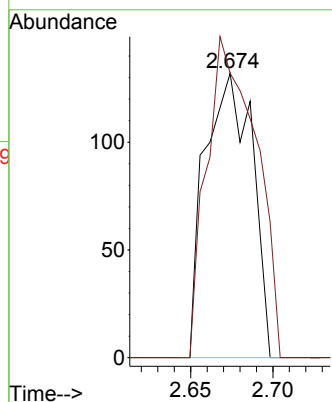
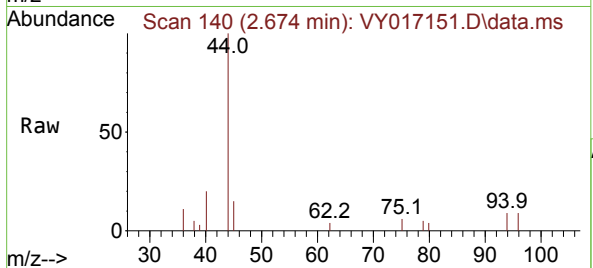
VY0131SBL01

Tgt Ion: 94 Resp: 263

Ion Ratio Lower Upper

94 100

96 100.0 77.3 115.9



#6

Chloroethane

Concen: Below Cal

RT: 2.570 min Scan# 123

Delta R.T. -0.238 min

Lab File: VY017151.D

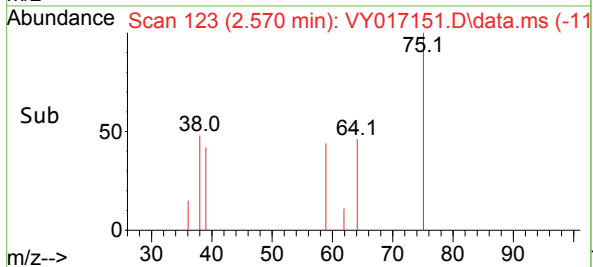
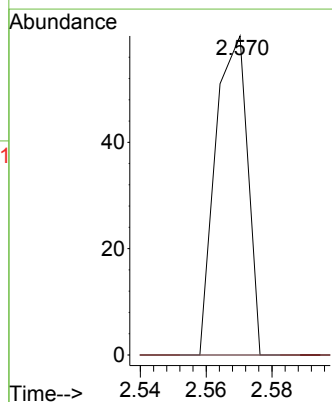
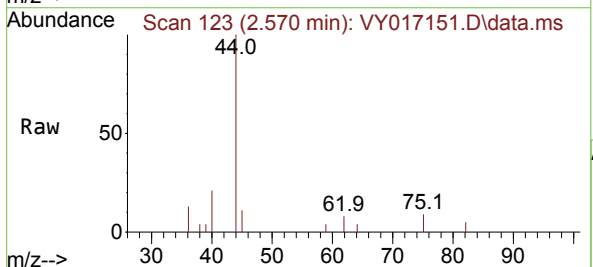
Acq: 31 Jan 2024 11:13

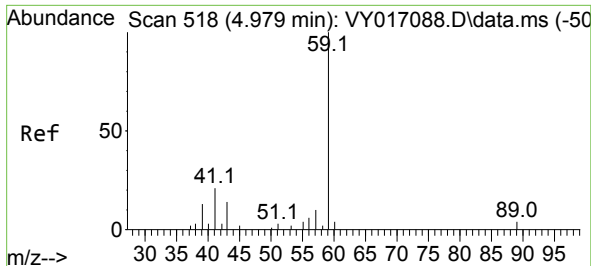
Tgt Ion: 64 Resp: 41

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 4.478 ug/l

RT: 4.978 min Scan# 518

Delta R.T. 0.012 min

Lab File: VY017151.D

Acq: 31 Jan 2024 11:13

Instrument :

MSVOA_Y

ClientSampleId :

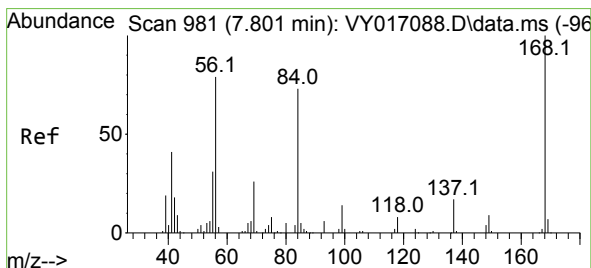
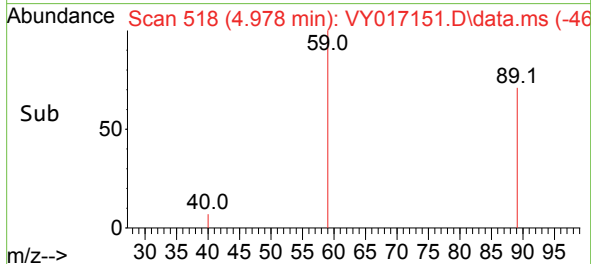
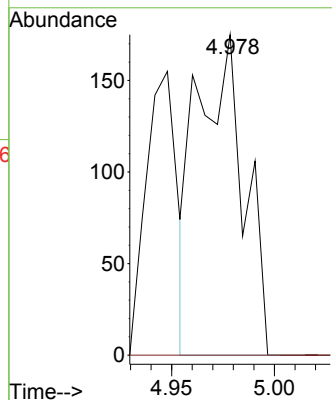
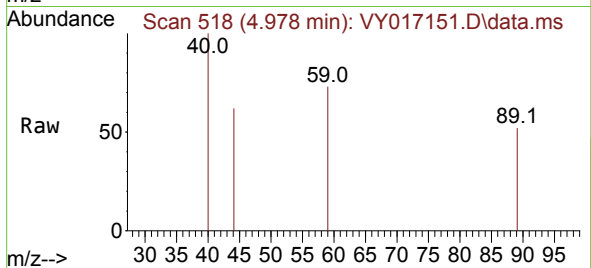
VY0131SBL01

Tgt Ion: 59 Resp: 277

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.0#



#31

Cyclohexane

Concen: Below Cal

RT: 7.813 min Scan# 983

Delta R.T. 0.012 min

Lab File: VY017151.D

Acq: 31 Jan 2024 11:13

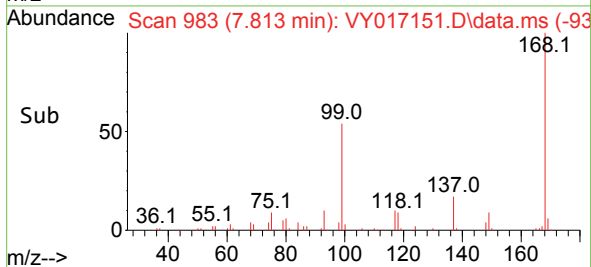
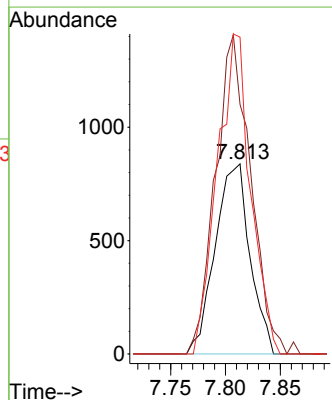
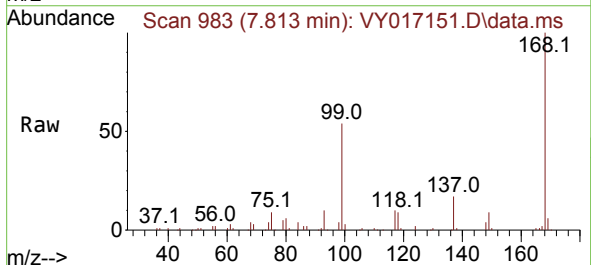
Tgt Ion: 56 Resp: 1849

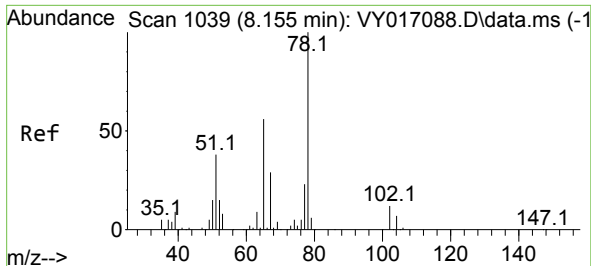
Ion Ratio Lower Upper

56 100

69 131.3 27.0 40.6#

84 166.7 71.8 107.6#

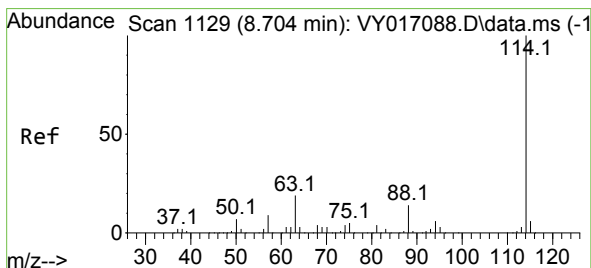
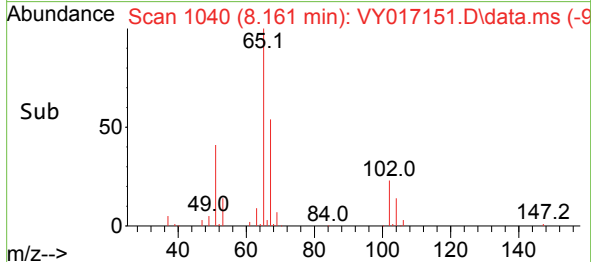
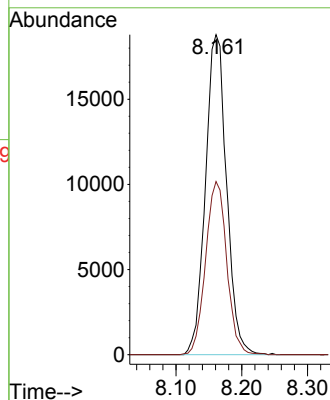
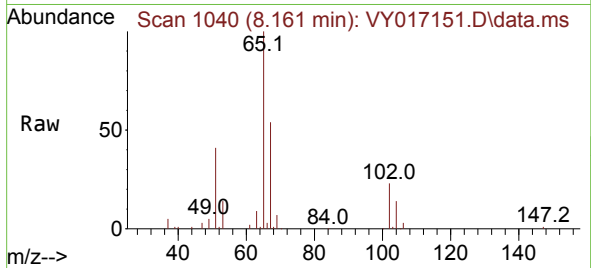




#33
1,2-Dichloroethane-d4
Concen: 52.734 ug/l
RT: 8.161 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VY017151.D
Acq: 31 Jan 2024 11:13

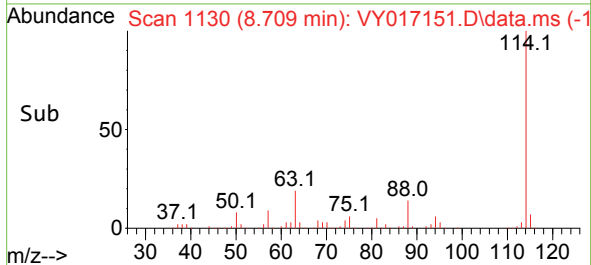
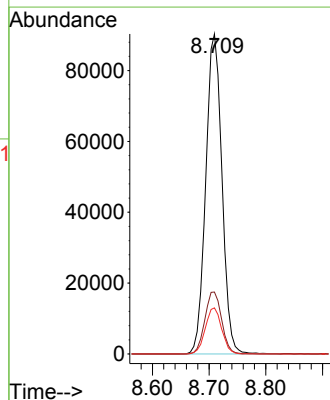
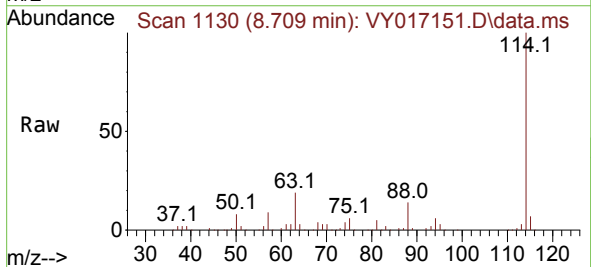
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBL01

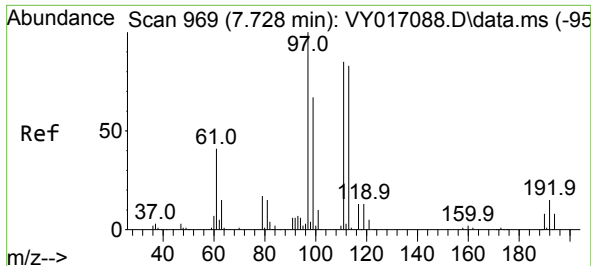
Tgt Ion: 65 Resp: 41938
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VY017151.D
Acq: 31 Jan 2024 11:13

Tgt Ion:114 Resp: 178814
Ion Ratio Lower Upper
114 100
63 19.4 0.0 37.4
88 14.4 0.0 29.0

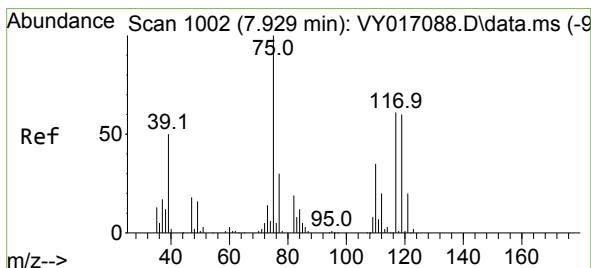
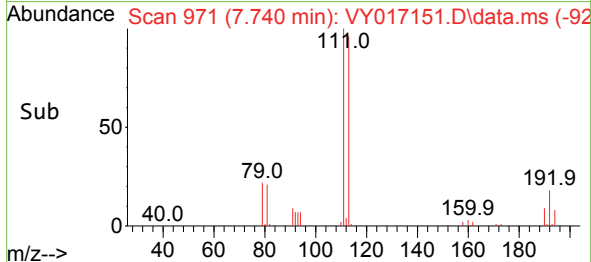
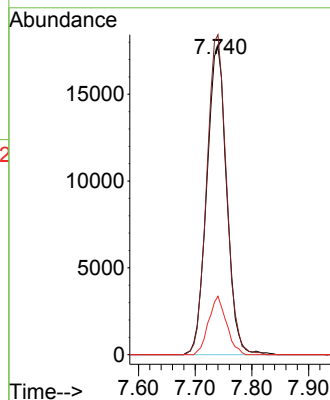
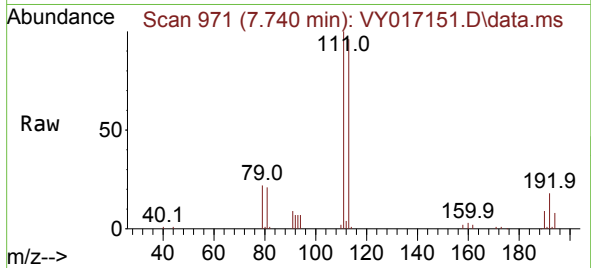




#35
Dibromofluoromethane
Concen: 40.142 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017151.D
Acq: 31 Jan 2024 11:13

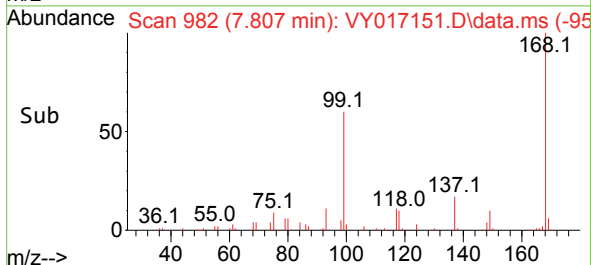
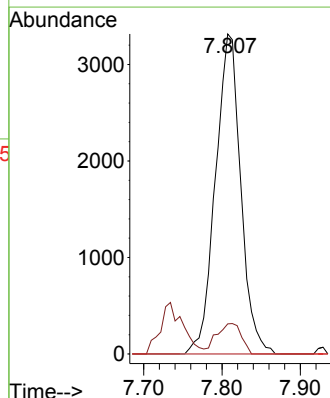
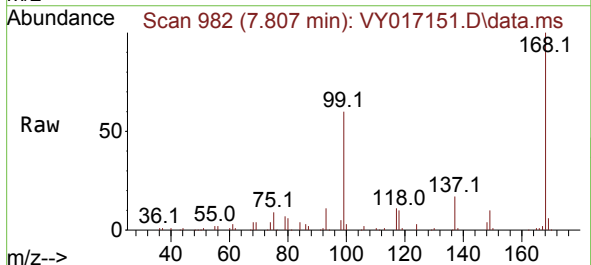
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBL01

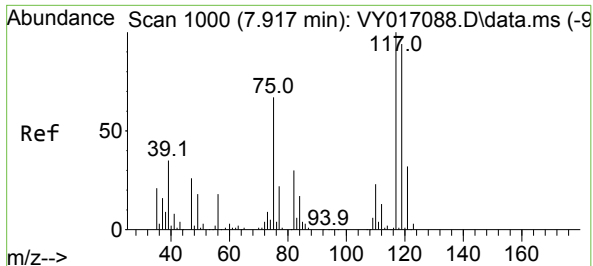
Tgt Ion:113 Resp: 43322
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 17.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.199 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY017151.D
Acq: 31 Jan 2024 11:13

Tgt Ion: 75 Resp: 7456
Ion Ratio Lower Upper
75 100
110 9.3 17.4 52.3#
77 0.0 24.7 37.1#

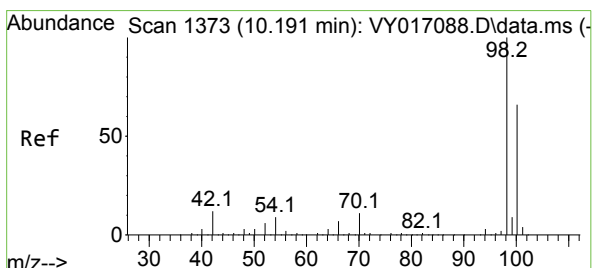
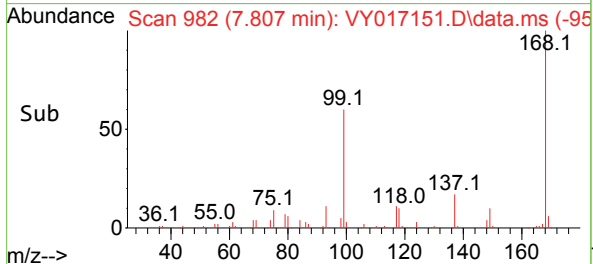
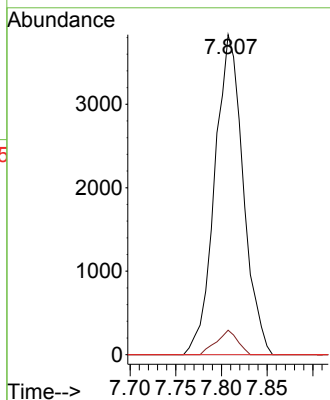
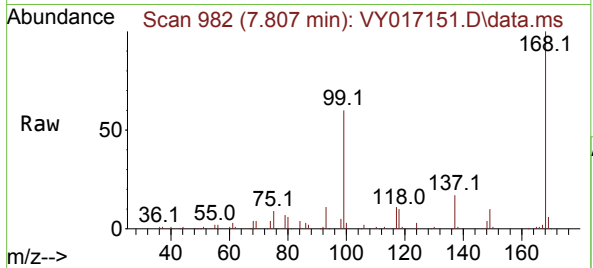




#38
Carbon Tetrachloride
Concen: 4.776 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017151.D
Acq: 31 Jan 2024 11:13

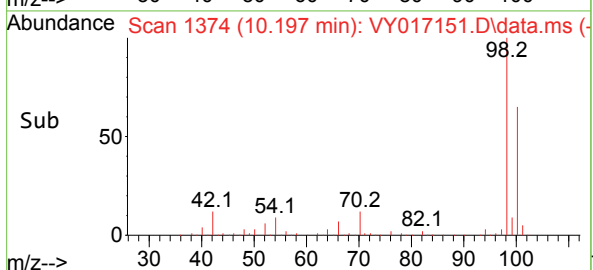
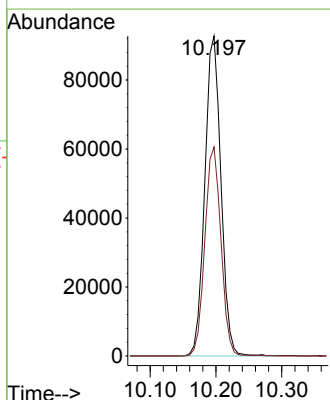
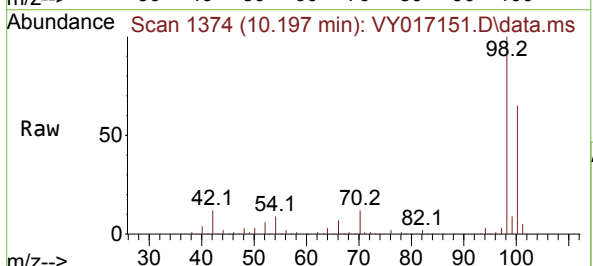
Instrument :
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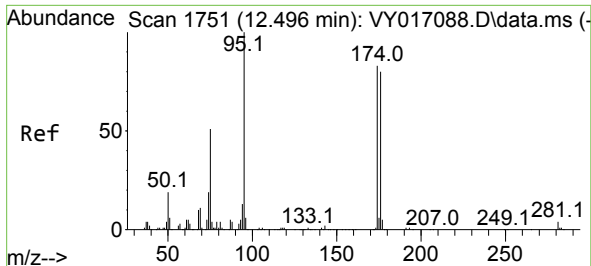
Tgt Ion:117 Resp: 8311
Ion Ratio Lower Upper
117 100
119 7.6 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 38.831 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY017151.D
Acq: 31 Jan 2024 11:13

Tgt Ion: 98 Resp: 158285
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5

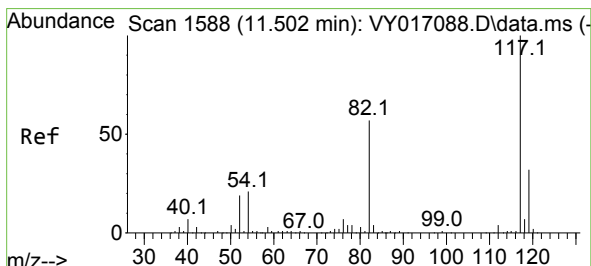
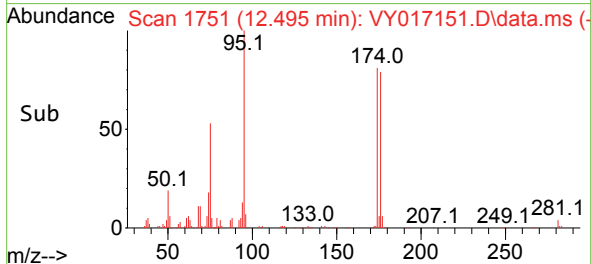
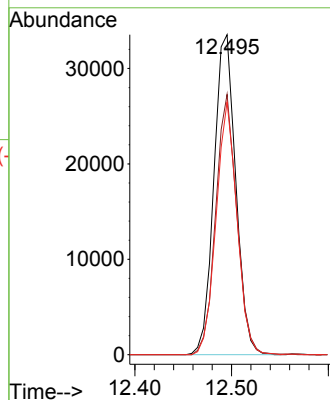
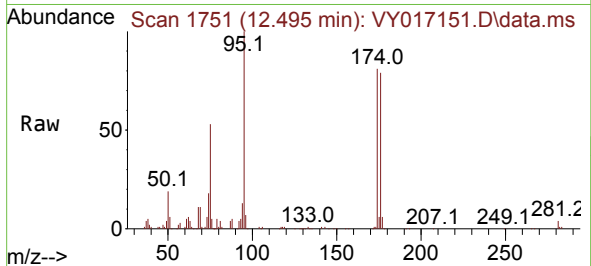




#62
4-Bromofluorobenzene
Concen: 41.866 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017151.D
Acq: 31 Jan 2024 11:13

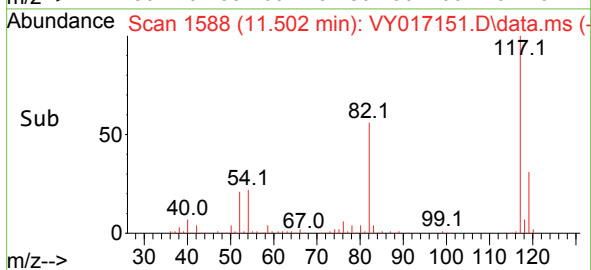
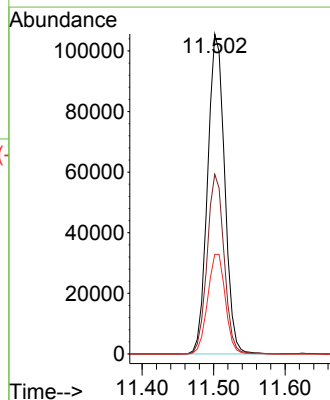
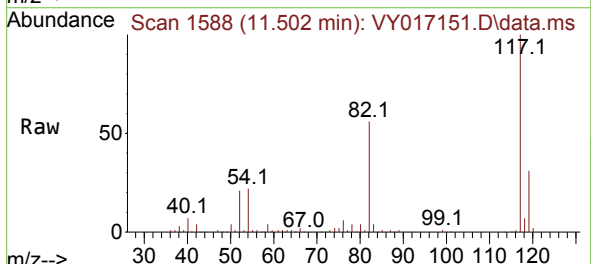
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBL01

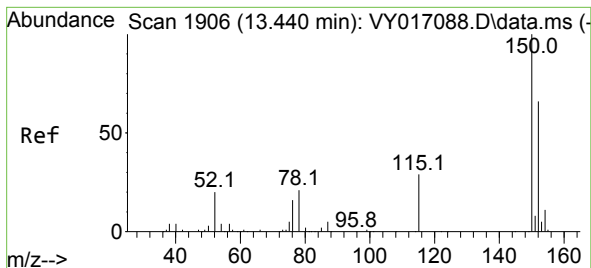
Tgt Ion:	95	Resp:	52572
Ion	Ratio	Lower	Upper
95	100		
174	78.7	0.0	160.0
176	75.3	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY017151.D
Acq: 31 Jan 2024 11:13

Tgt Ion:	117	Resp:	174957
Ion	Ratio	Lower	Upper
117	100		
82	56.2	43.8	65.8
119	31.2	26.5	39.7

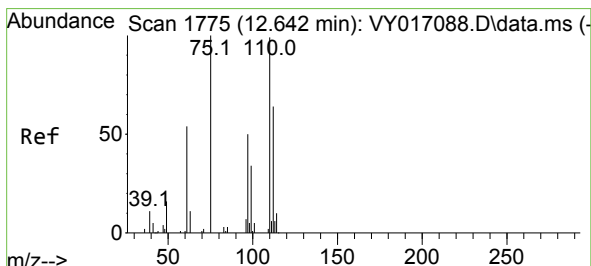
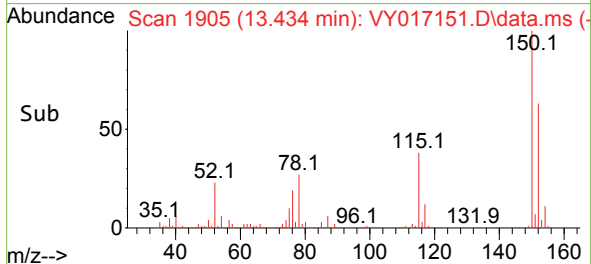
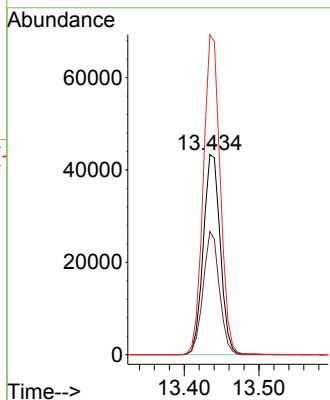
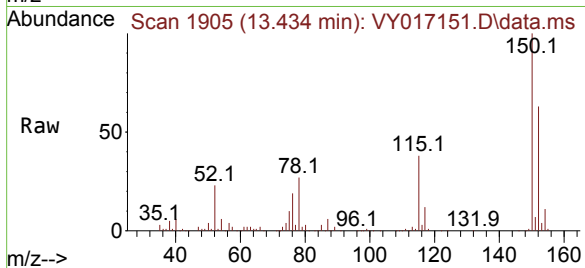




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY017151.D
Acq: 31 Jan 2024 11:13

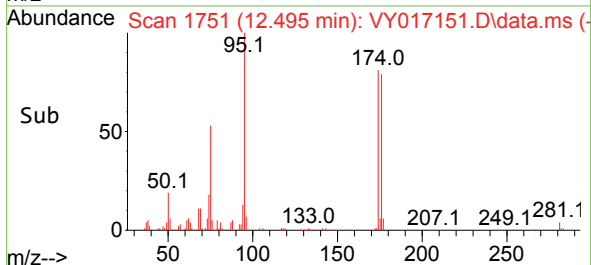
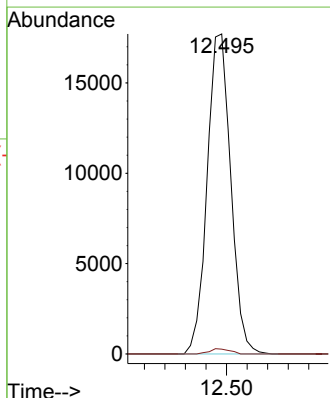
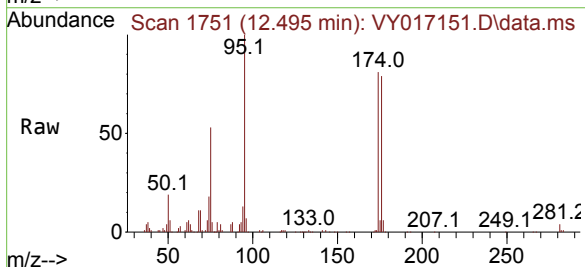
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBL01

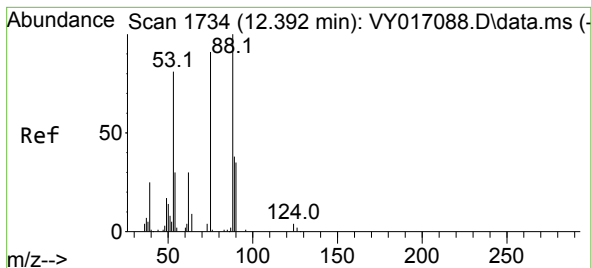
Tgt Ion:152 Resp: 68391
Ion Ratio Lower Upper
152 100
115 59.1 30.0 90.0
150 159.5 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 33.996 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY017151.D
Acq: 31 Jan 2024 11:13

Tgt Ion: 75 Resp: 28221
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.011 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY017151.D
 Acq: 31 Jan 2024 11:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBL01

Tgt Ion: 75 Resp: 28221
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

