

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
 Data File : VY017140.D
 Acq On : 30 Jan 2024 13:52
 Operator : SY/MD
 Sample : P1277-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 00:27:52 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)

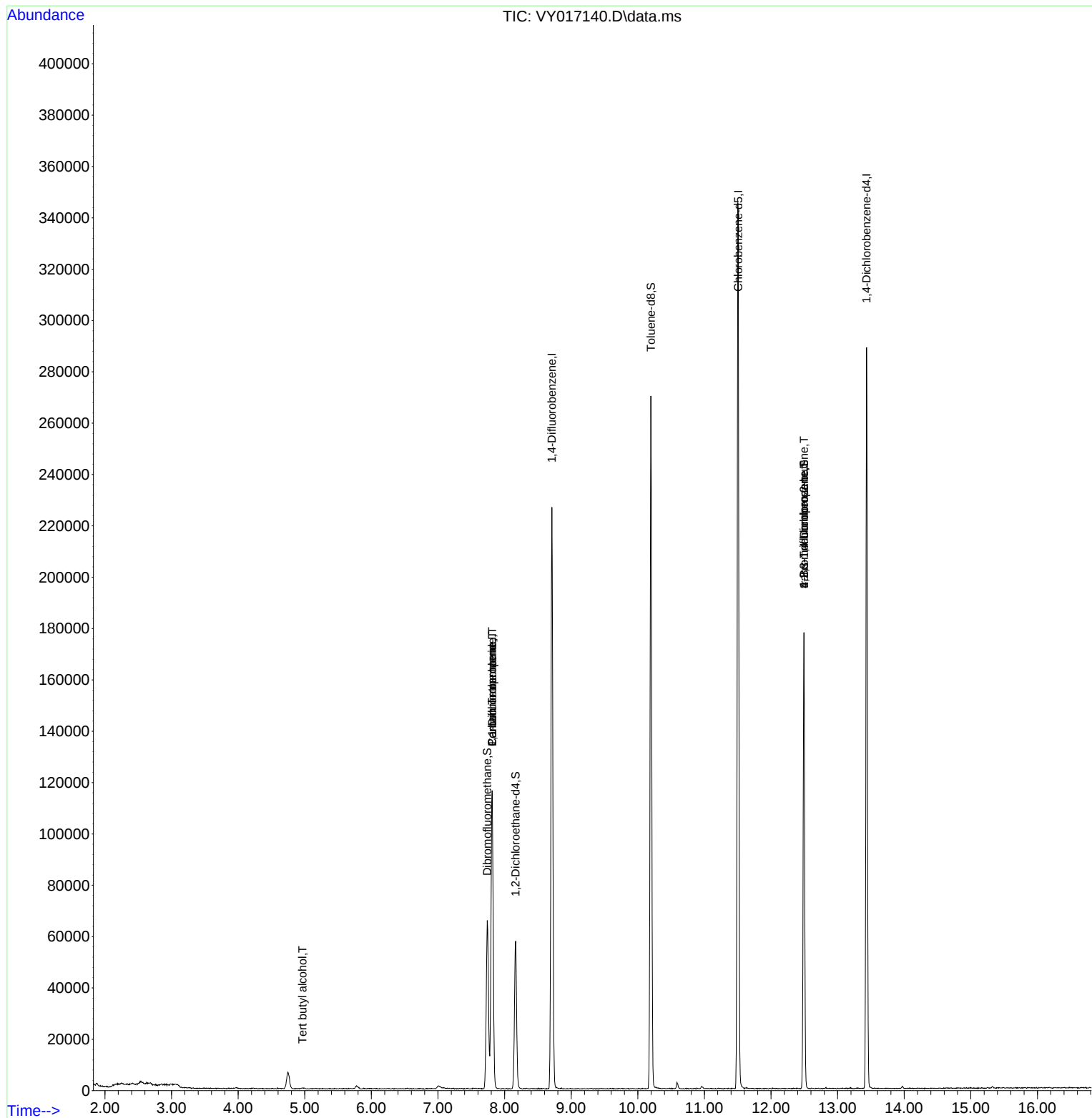
Internal Standards						
1) Pentafluorobenzene	7.813	168	88991	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	194783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	191096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	70706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	43784	50.498	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.000%	
35) Dibromofluoromethane	7.740	113	47051	40.023	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 80.040%	
50) Toluene-d8	10.197	98	171767	38.684	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 77.360%	
62) 4-Bromofluorobenzene	12.495	95	54523	39.860	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.720%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	19	Below Cal	#	40
3) Chloromethane	2.131	50	180	Below Cal	#	41
4) Vinyl Chloride	2.259	62	97	Below Cal	#	43
5) Bromomethane	2.680	94	215	Below Cal		82
7) Trichlorofluoromethane	3.143	101	116	Below Cal	#	18
11) Tert butyl alcohol	4.966	59	252	3.754 ug/l	#	75
16) Acetone	3.972	43	676	Below Cal		97
20) Methylene Chloride	4.747	84	5154	Below Cal		92
25) 2-Butanone	7.015	43	66	Below Cal	#	48
31) Cyclohexane	7.807	56	1873	Below Cal	#	1
36) 1,1-Dichloropropene	7.813	75	7453	3.853 ug/l	#	50
38) Carbon Tetrachloride	7.813	117	8997	4.747 ug/l	#	17
76) 1,2,3-Trichloropropane	12.495	75	29286	34.124 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.495	75	29286	88.342 ug/l	#	12

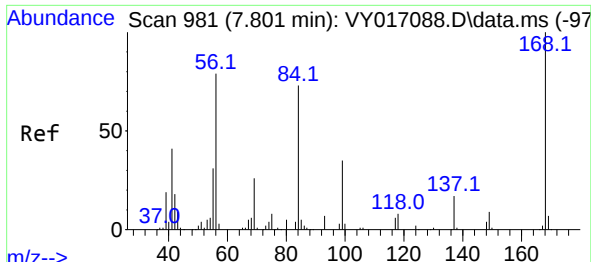
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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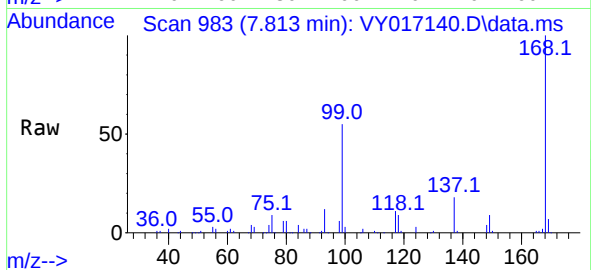
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:44:10 2024
Response via : Initial Calibration



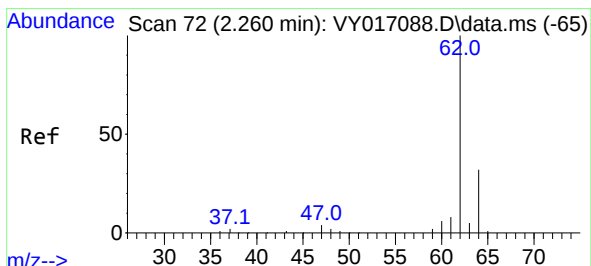
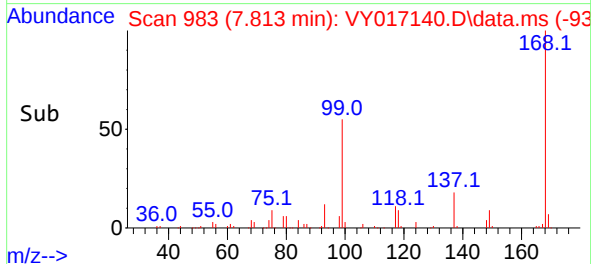
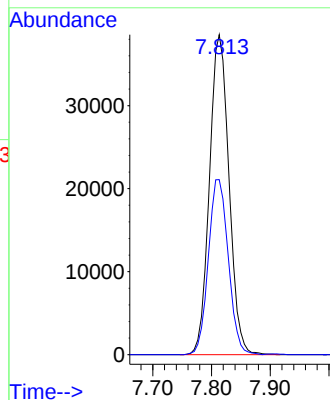


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017140.D
Acq: 30 Jan 2024 13:52

Instrument :
MSVOA_Y
ClientSampleId :

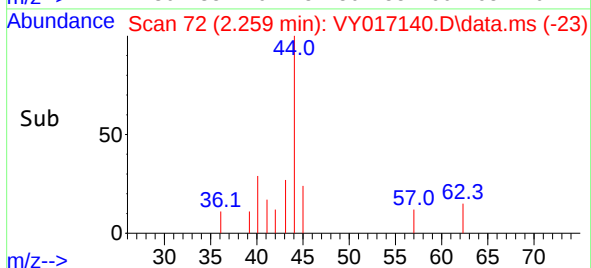
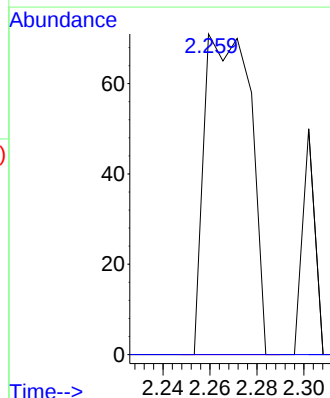
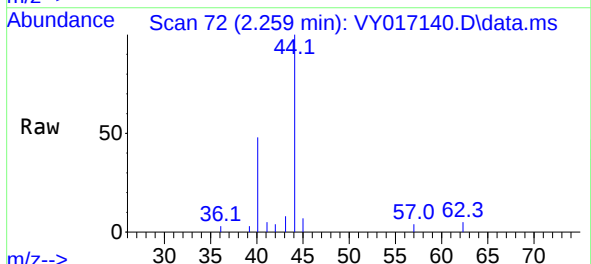


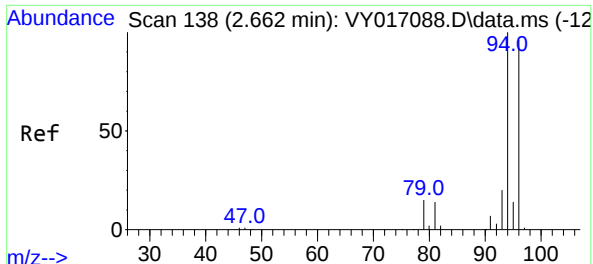
Tgt Ion:168 Resp: 88991
Ion Ratio Lower Upper
168 100
99 54.7 44.2 66.4



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY017140.D
Acq: 30 Jan 2024 13:52

Tgt Ion: 62 Resp: 97
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#

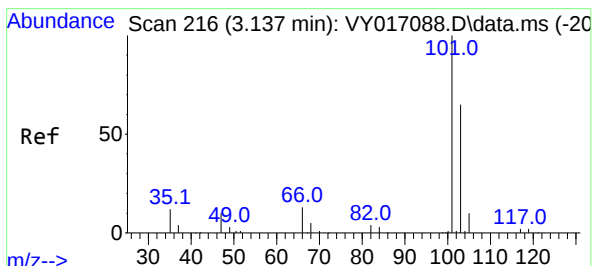
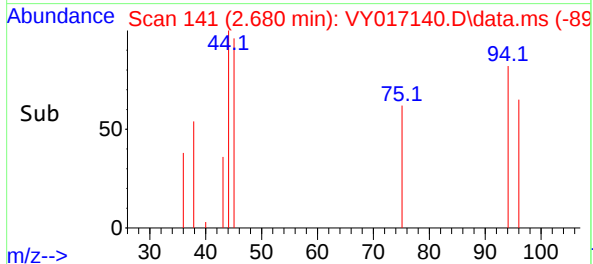
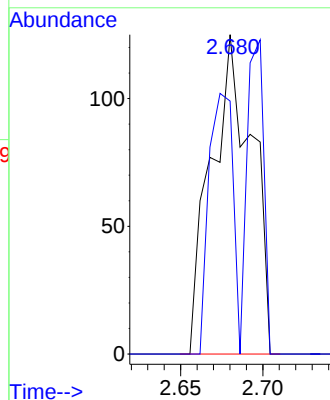
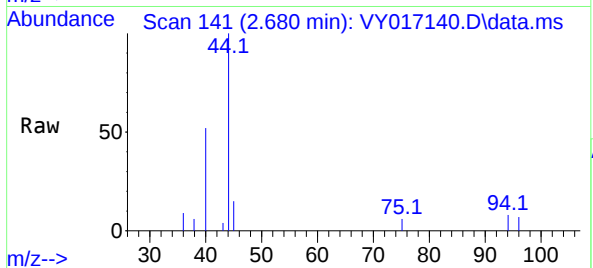




#5
Bromomethane
Concen: Below Cal
RT: 2.680 min Scan# 141
Delta R.T. 0.018 min
Lab File: VY017140.D
Acq: 30 Jan 2024 13:52

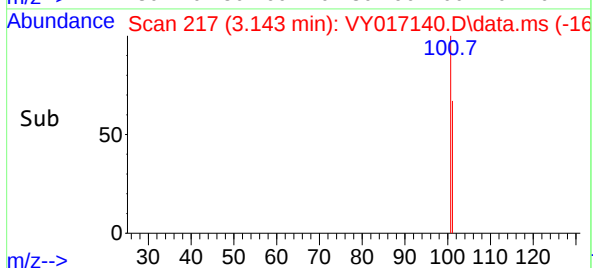
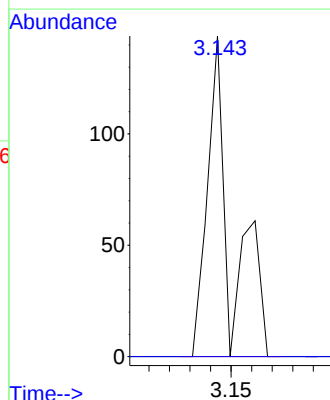
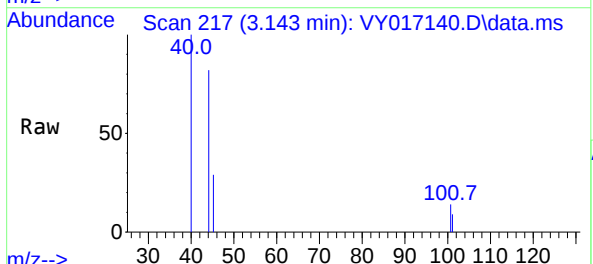
Instrument :
MSVOA_Y
ClientSampleId :

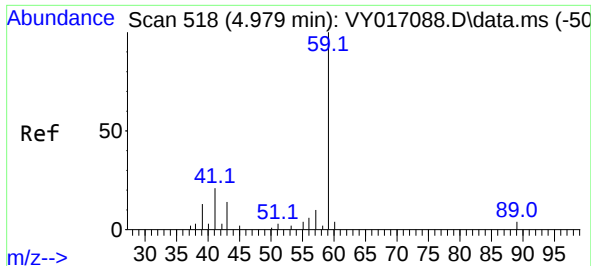
Tgt Ion: 94 Resp: 215
Ion Ratio Lower Upper
94 100
96 79.2 77.3 115.9



#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.143 min Scan# 217
Delta R.T. 0.006 min
Lab File: VY017140.D
Acq: 30 Jan 2024 13:52

Tgt Ion: 101 Resp: 116
Ion Ratio Lower Upper
101 100
103 0.0 51.9 77.9#

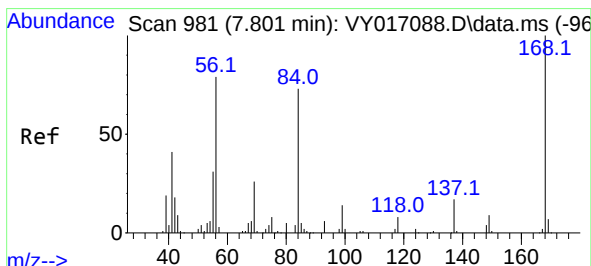
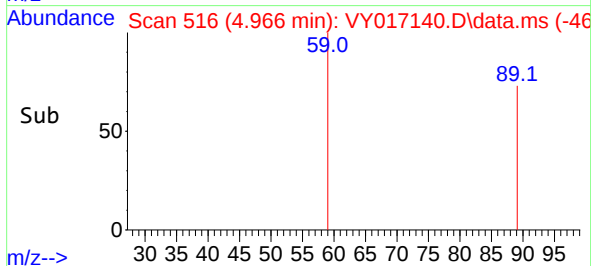
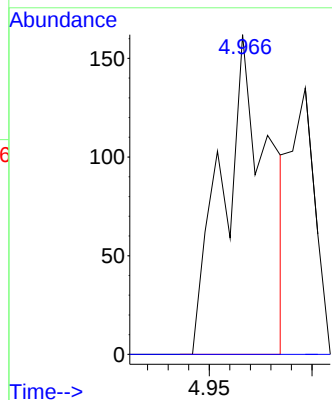
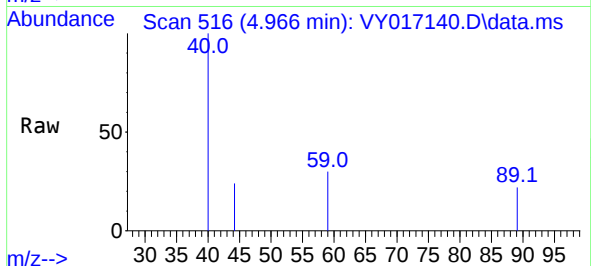




#11
Tert butyl alcohol
Concen: 3.754 ug/l
RT: 4.966 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017140.D
Acq: 30 Jan 2024 13:52

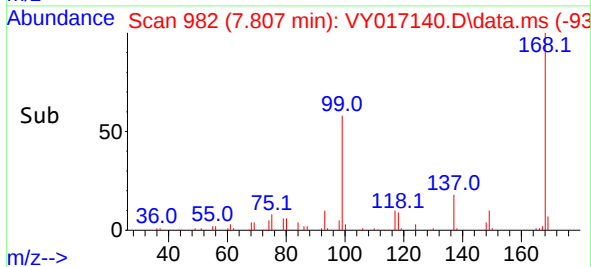
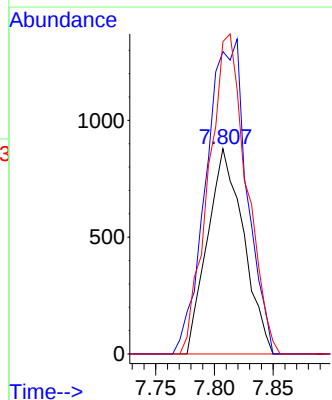
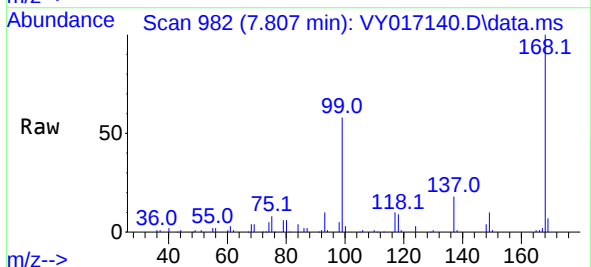
Instrument :
MSVOA_Y
ClientSampleId :

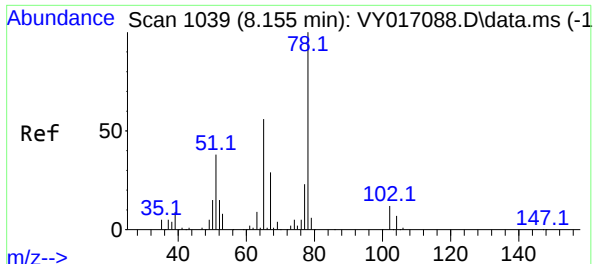
Tgt Ion: 59 Resp: 252
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#31
Cyclohexane
Concen: Below Cal
RT: 7.807 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY017140.D
Acq: 30 Jan 2024 13:52

Tgt Ion: 56 Resp: 1873
Ion Ratio Lower Upper
56 100
69 147.3 27.0 40.6#
84 152.1 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 50.498 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY017140.D

Acq: 30 Jan 2024 13:52

Instrument :

MSVOA_Y

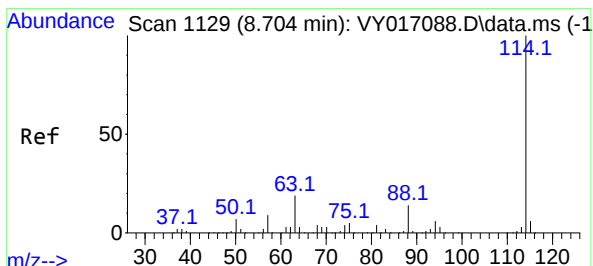
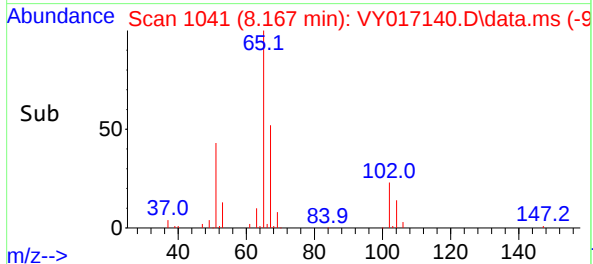
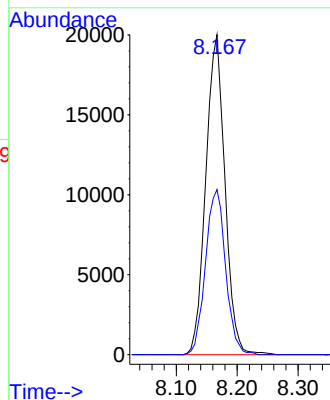
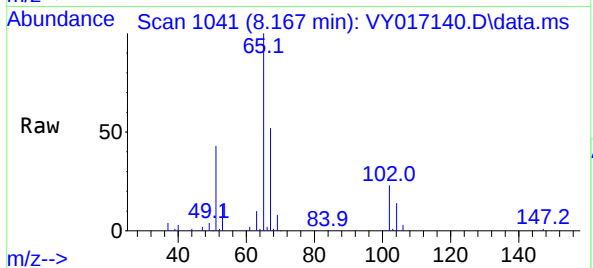
ClientSampleId :

Tgt Ion: 65 Resp: 43784

Ion Ratio Lower Upper

65 100

67 54.1 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: VY017140.D

Acq: 30 Jan 2024 13:52

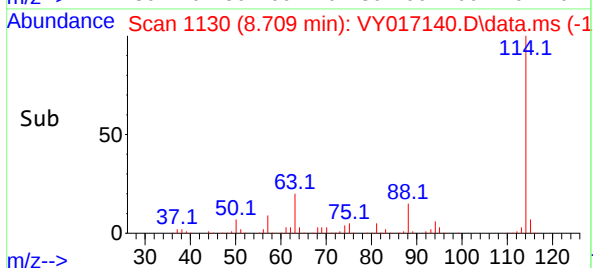
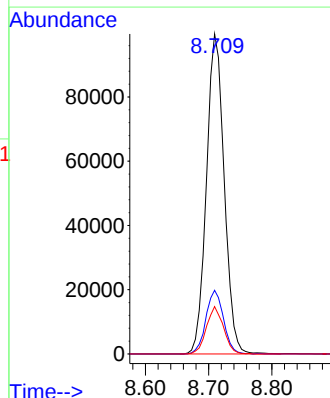
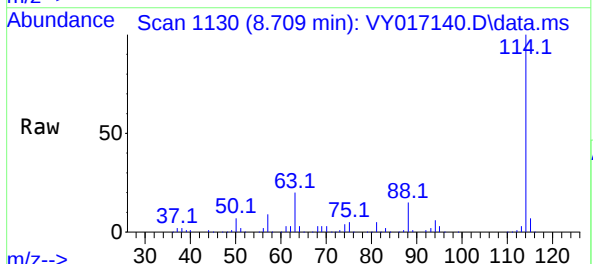
Tgt Ion: 114 Resp: 194783

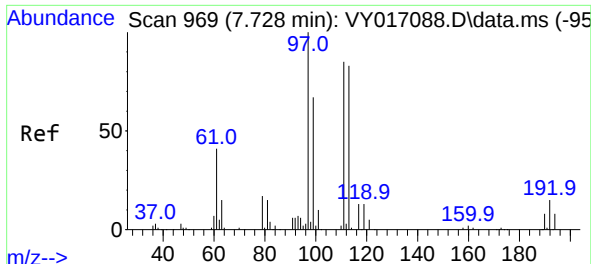
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

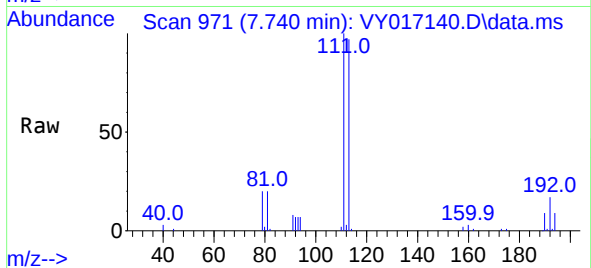
88 14.8 0.0 29.0



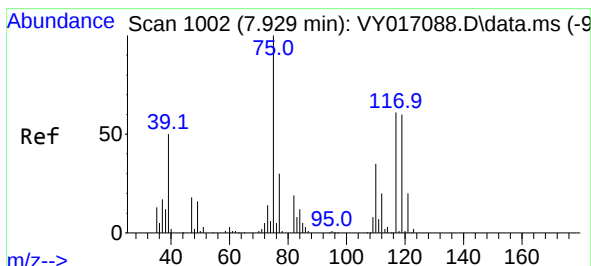
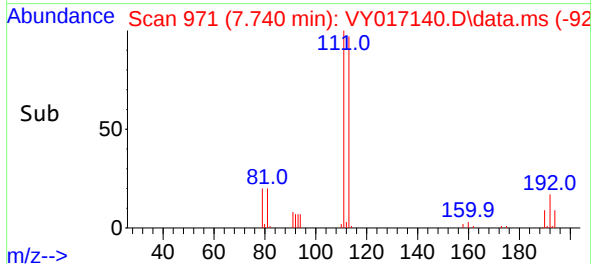
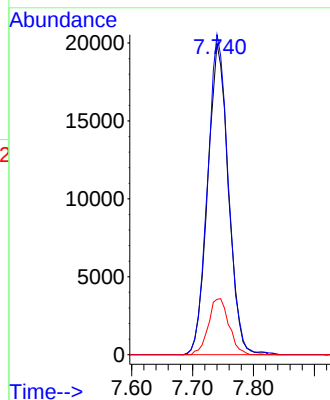


#35
Dibromofluoromethane
Concen: 40.023 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017140.D
Acq: 30 Jan 2024 13:52

Instrument :
MSVOA_Y
ClientSampleId :

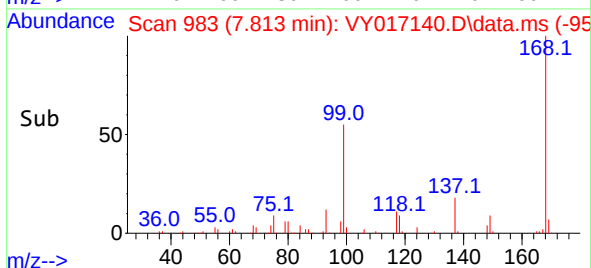
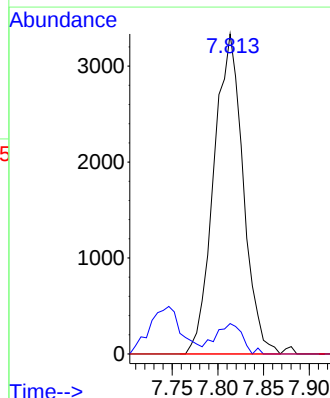
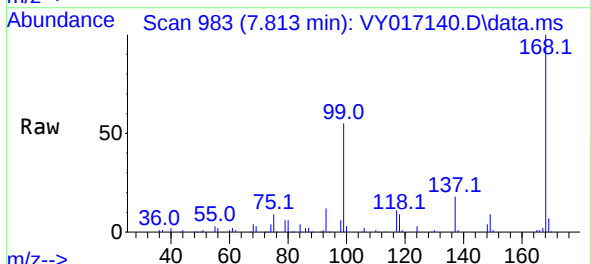


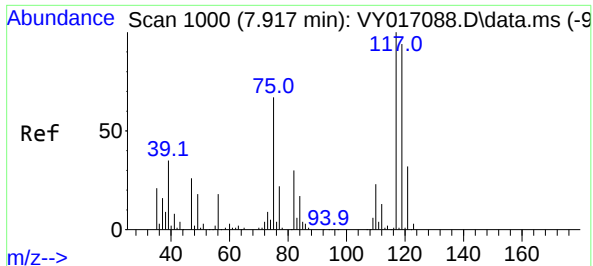
Tgt Ion:113 Resp: 47051
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 17.9 14.5 21.7



#36
1,1-Dichloropropene
Concen: 3.853 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY017140.D
Acq: 30 Jan 2024 13:52

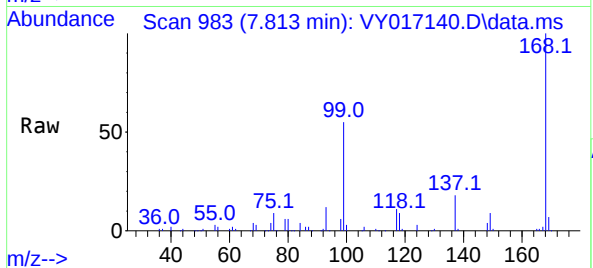
Tgt Ion: 75 Resp: 7453
Ion Ratio Lower Upper
75 100
110 8.7 17.4 52.3#
77 0.0 24.7 37.1#



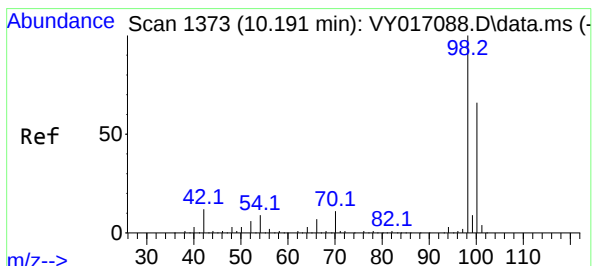
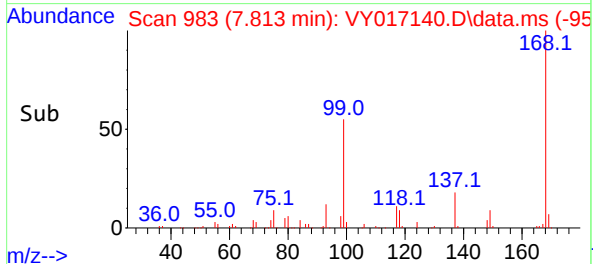
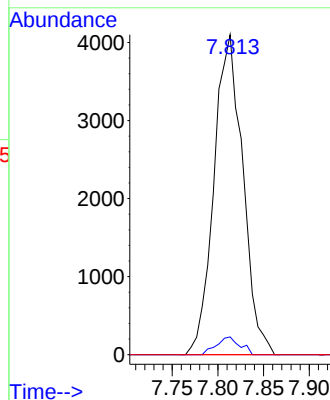


#38
Carbon Tetrachloride
Concen: 4.747 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY017140.D
Acq: 30 Jan 2024 13:52

Instrument :
MSVOA_Y
ClientSampleId :

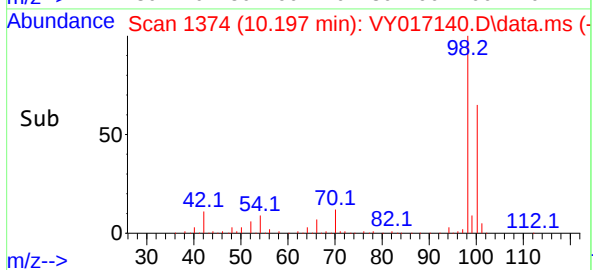
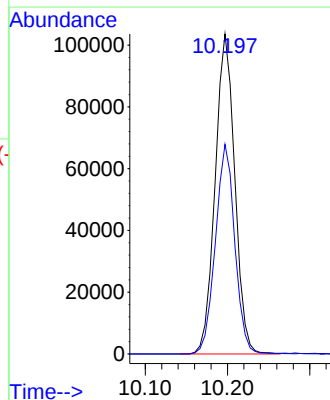
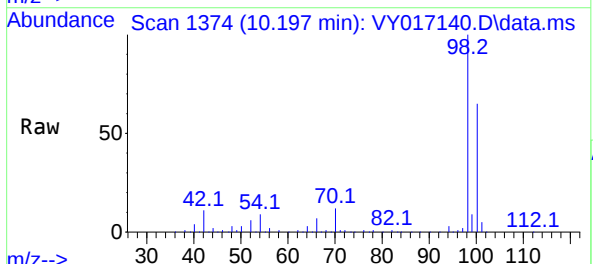


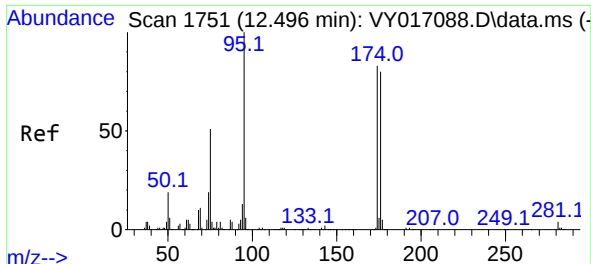
Tgt Ion:117 Resp: 8997
Ion Ratio Lower Upper
117 100
119 5.5 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 38.684 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY017140.D
Acq: 30 Jan 2024 13:52

Tgt Ion: 98 Resp: 171767
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5

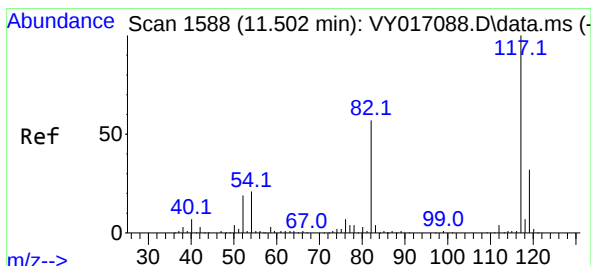
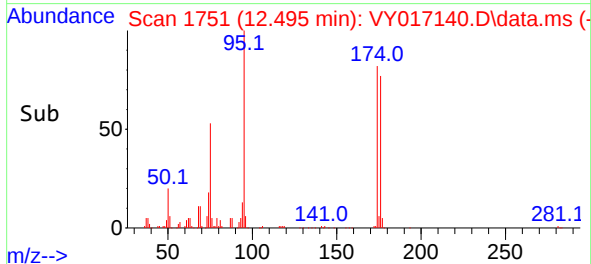
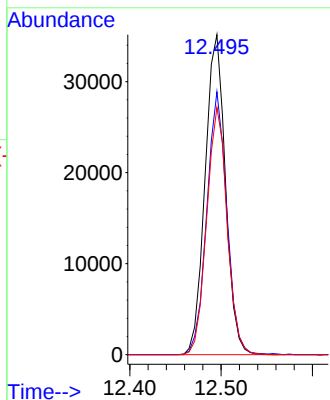
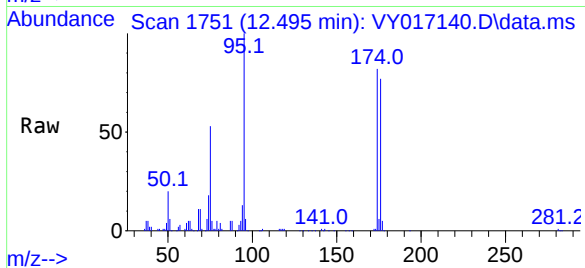




#62
4-Bromofluorobenzene
Concen: 39.860 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017140.D
Acq: 30 Jan 2024 13:52

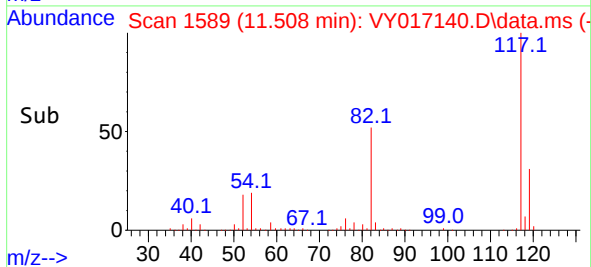
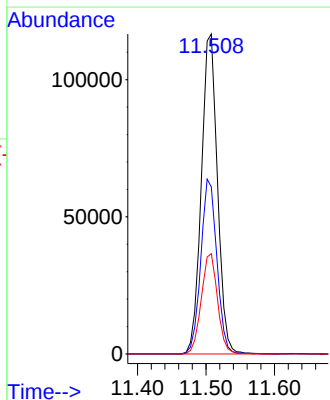
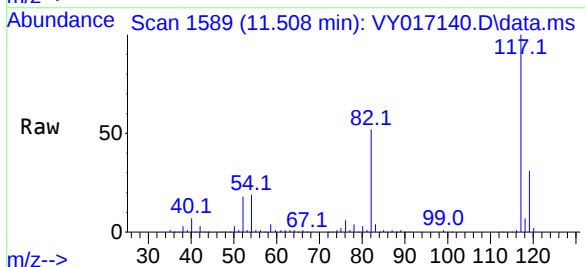
Instrument :
MSVOA_Y
ClientSampleId :

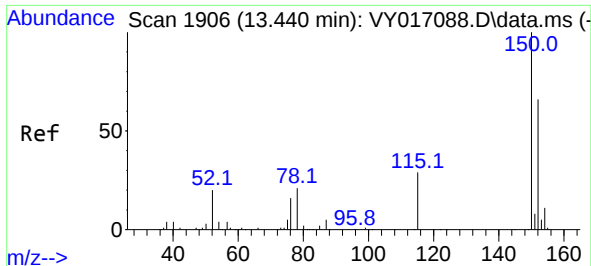
Tgt Ion:	95	Resp:	54523
Ion	Ratio	Lower	Upper
95	100		
174	81.1	0.0	160.0
176	77.3	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY017140.D
Acq: 30 Jan 2024 13:52

Tgt Ion:	117	Resp:	191096
Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.8	65.8
119	31.3	26.5	39.7

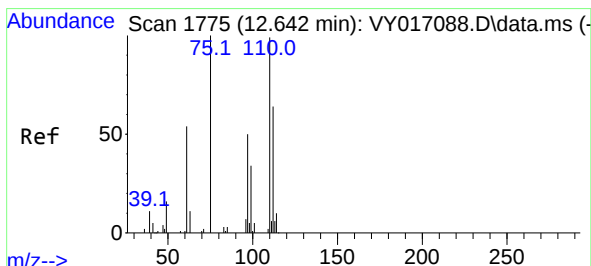
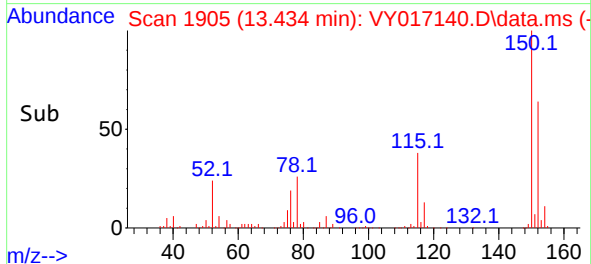
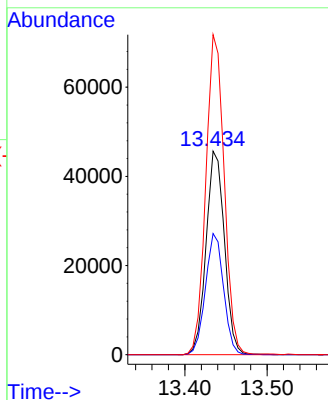
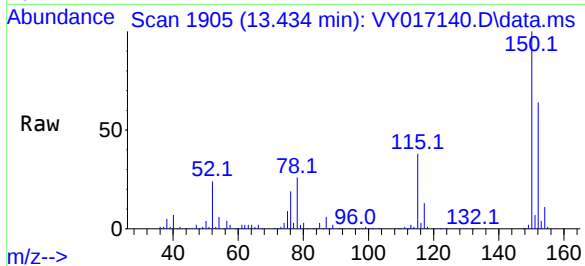




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY017140.D
Acq: 30 Jan 2024 13:52

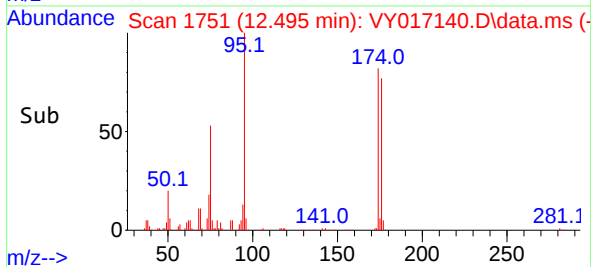
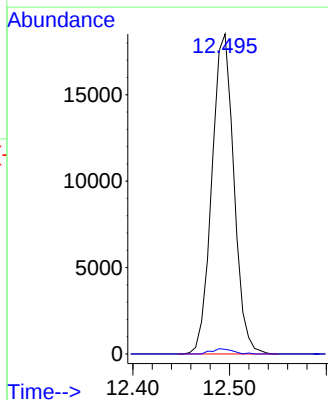
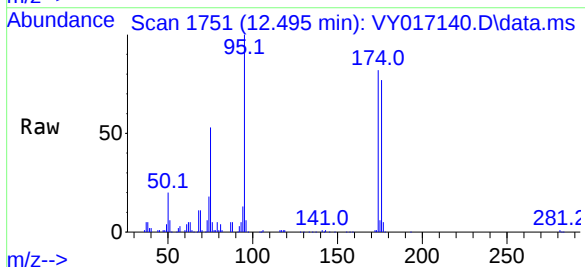
Instrument :
MSVOA_Y
ClientSampleId :

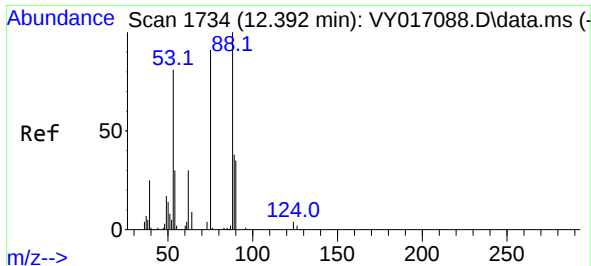
Tgt Ion:152 Resp: 70706
Ion Ratio Lower Upper
152 100
115 59.0 30.0 90.0
150 157.1 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 34.124 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY017140.D
Acq: 30 Jan 2024 13:52

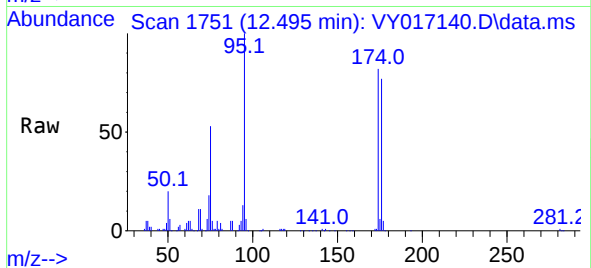
Tgt Ion: 75 Resp: 29286
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.342 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY017140.D
 Acq: 30 Jan 2024 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 29286
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

