

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
 Data File : VY012550.D
 Acq On : 08 Feb 2023 18:09
 Operator : KP/MD
 Sample : 01481-09
 Misc : 7.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-46-020723

Quant Time: Feb 09 07:15:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

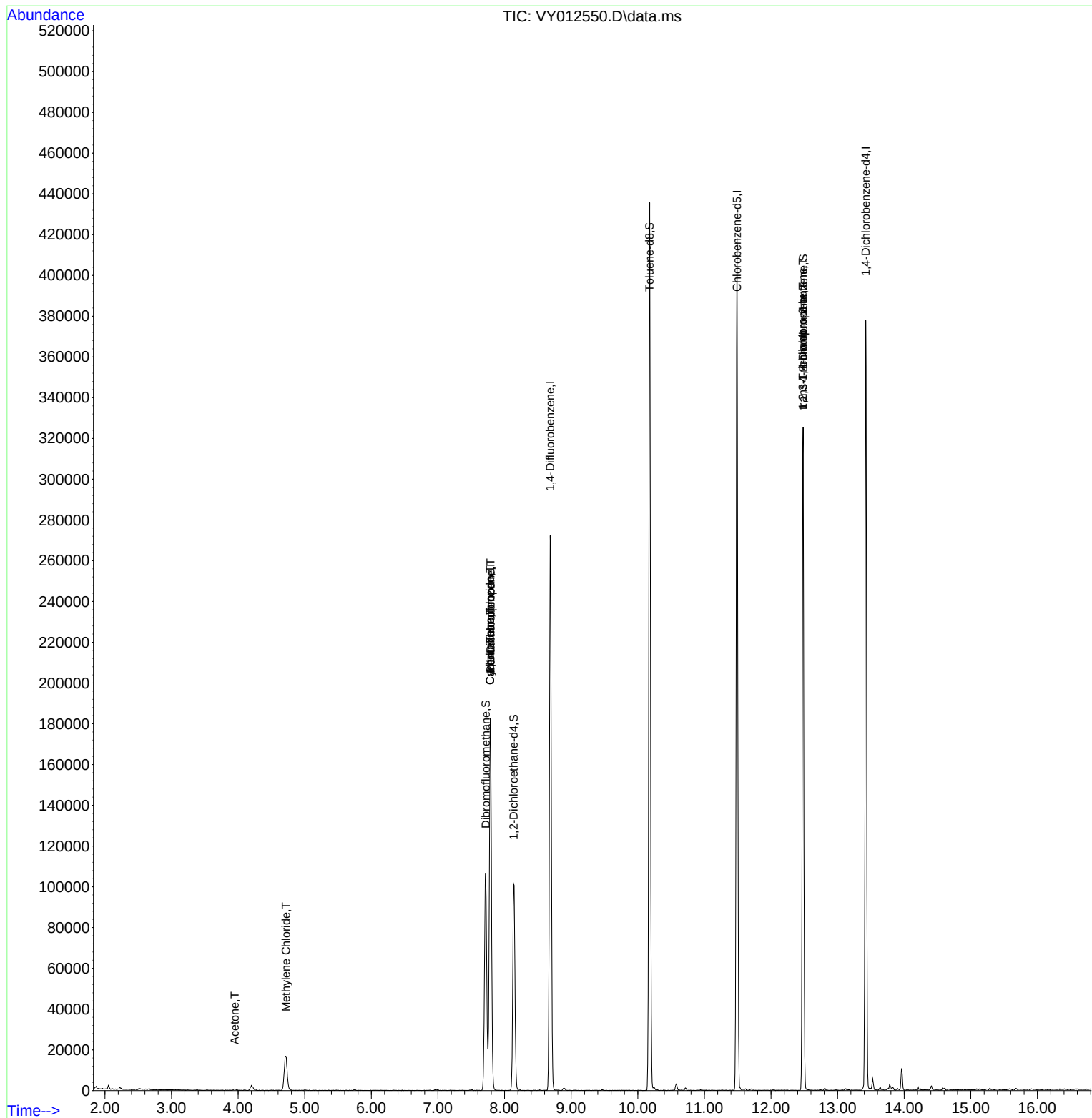
Internal Standards						
1) Pentafluorobenzene	7.789	168	146763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	244408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	233614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	88358	47.345	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.680%
35) Dibromofluoromethane	7.716	113	72195	40.561	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.120%
50) Toluene-d8	10.179	98	288678	38.965	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.940%
62) 4-Bromofluorobenzene	12.483	95	91887	35.558	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.120%
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	50	Below Cal		93
11) Tert butyl alcohol	4.966	59	91	Below Cal	#	75
16) Acetone	3.948	43	1235	2.749	ug/l	99
20) Methylene Chloride	4.716	84	14585	4.887	ug/l	98
31) Cyclohexane	7.783	56	2456	1.138	ug/l #	27
36) 1,1-Dichloropropene	7.789	75	9530	3.956	ug/l #	50
38) Carbon Tetrachloride	7.783	117	14161	4.379	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	48761	42.611	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	48761	96.090	ug/l #	12

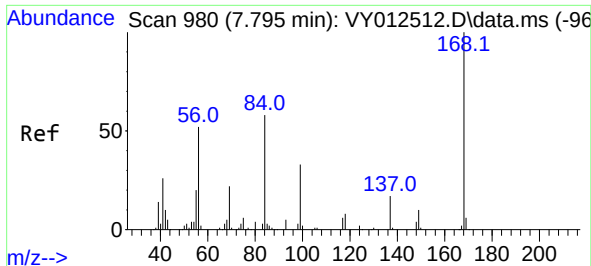
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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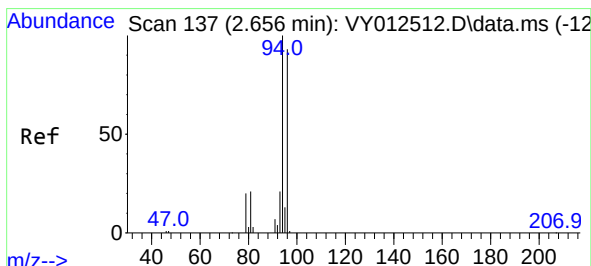
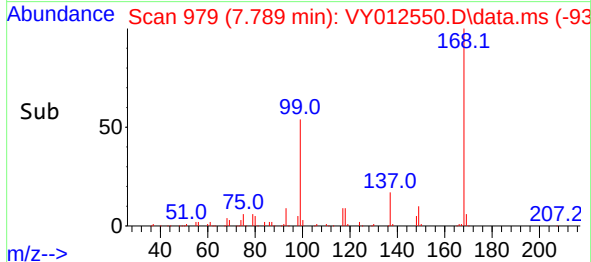
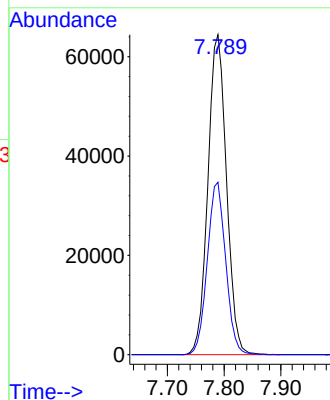
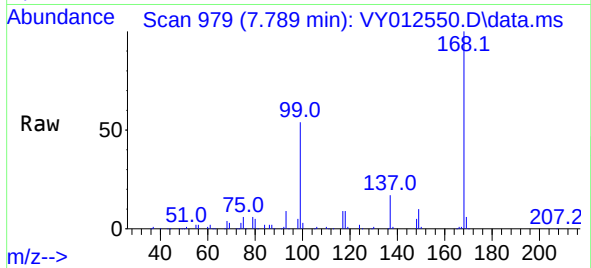




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012550.D
Acq: 08 Feb 2023 18:09

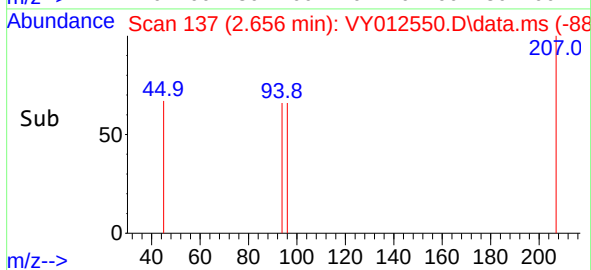
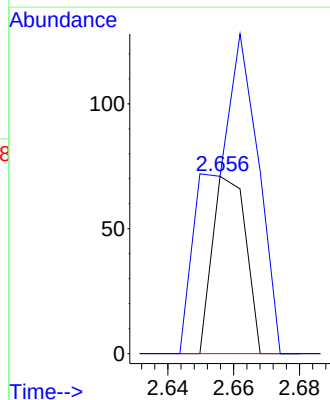
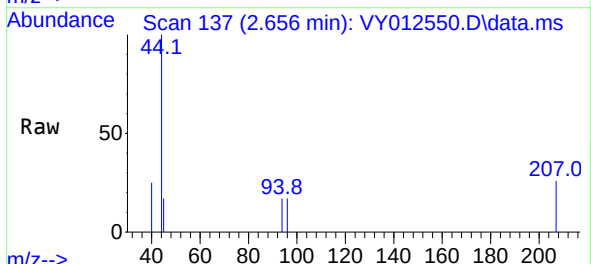
Instrument :
MSVOA_Y
ClientSampleId :
JPP-46-020723

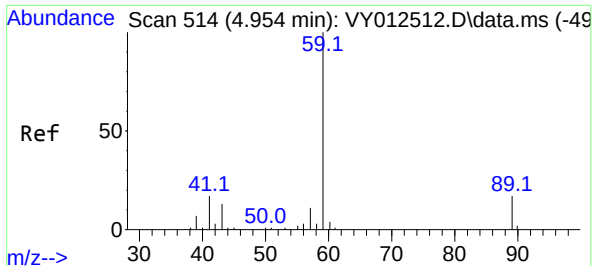
Tgt Ion:168 Resp: 146763
Ion Ratio Lower Upper
168 100
99 53.9 40.8 61.2



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY012550.D
Acq: 08 Feb 2023 18:09

Tgt Ion: 94 Resp: 50
Ion Ratio Lower Upper
94 100
96 100.0 74.7 112.1





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.966 min Scan# 514

Delta R.T. 0.012 min

Lab File: VY012550.D

Acq: 08 Feb 2023 18:09

Instrument :

MSVOA_Y

ClientSampleId :

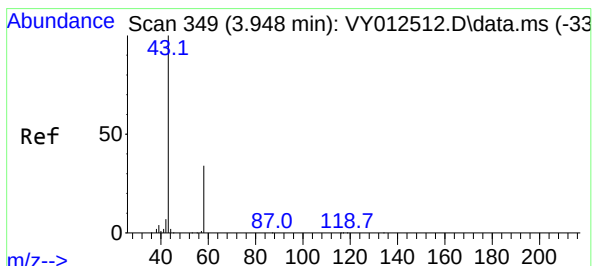
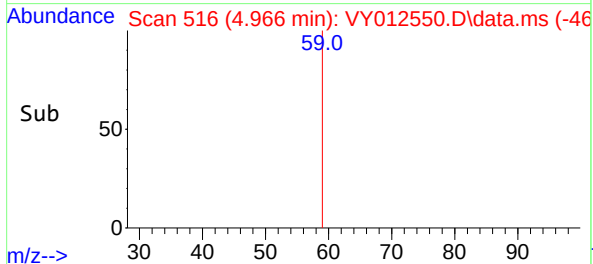
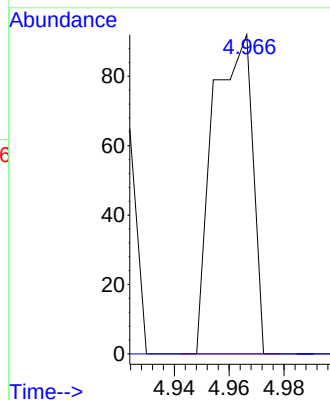
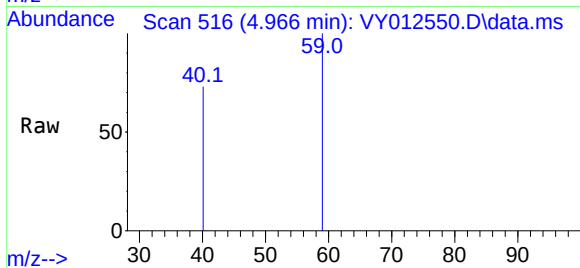
JPP-46-020723

Tgt Ion: 59 Resp: 91

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 2.749 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY012550.D

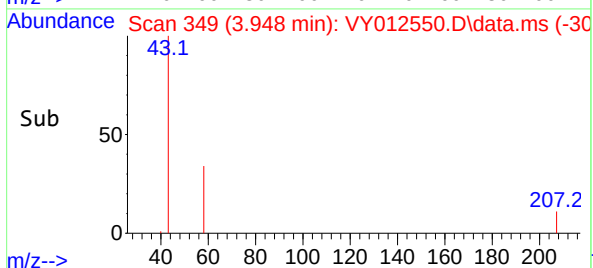
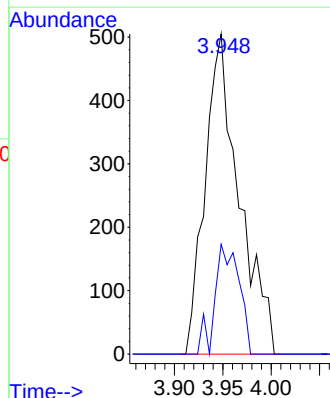
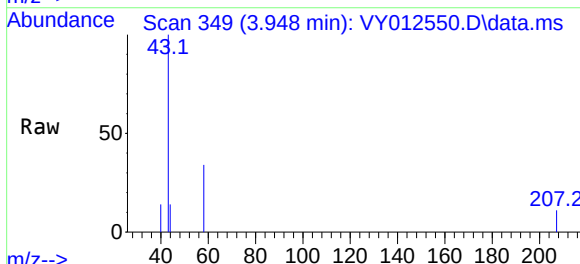
Acq: 08 Feb 2023 18:09

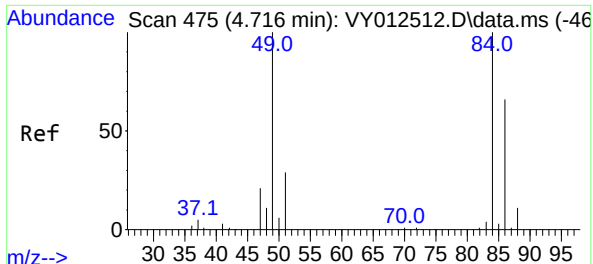
Tgt Ion: 43 Resp: 1235

Ion Ratio Lower Upper

43 100

58 34.3 27.1 40.7

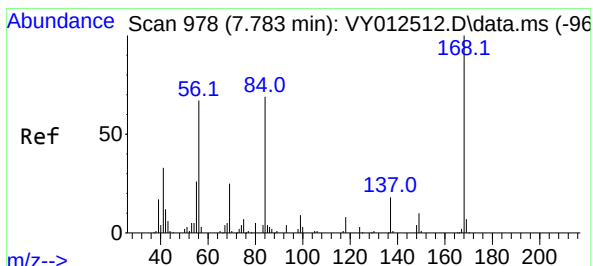
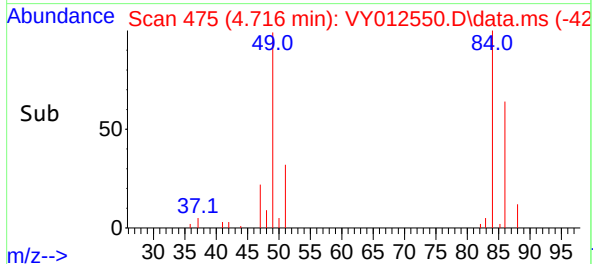
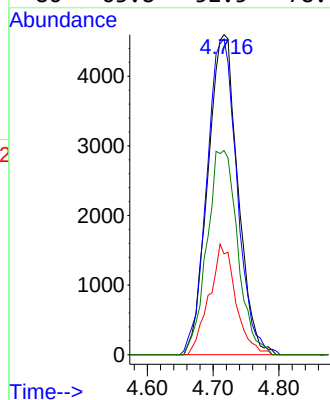
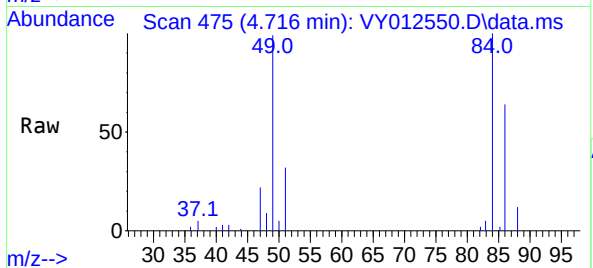




#20
Methylene Chloride
Concen: 4.887 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012550.D
Acq: 08 Feb 2023 18:09

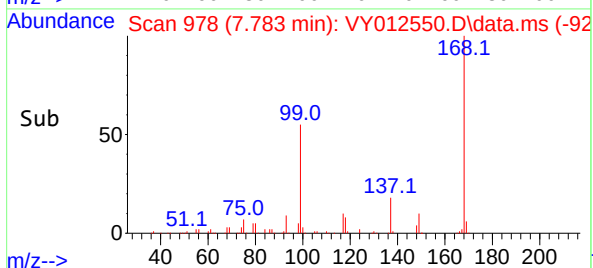
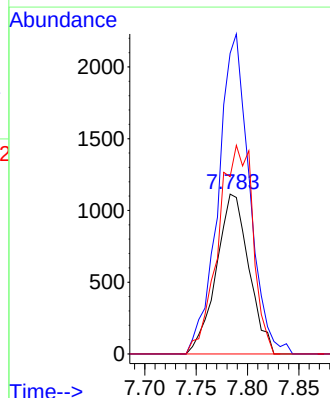
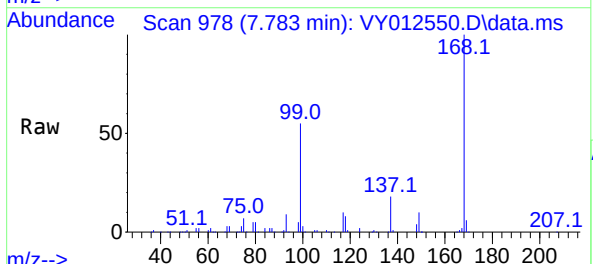
Instrument :
MSVOA_Y
ClientSampleId :
JPP-46-020723

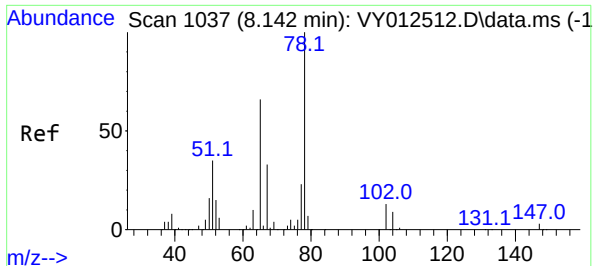
Tgt Ion:	84	Resp:	14585
Ion	Ratio	Lower	Upper
84	100		
49	98.6	79.8	119.6
51	31.5	23.4	35.2
86	63.8	52.5	78.7



#31
Cyclohexane
Concen: 1.138 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY012550.D
Acq: 08 Feb 2023 18:09

Tgt Ion:	56	Resp:	2456
Ion	Ratio	Lower	Upper
56	100		
69	188.1	29.5	44.3#
84	110.9	81.9	122.9





#33

1,2-Dichloroethane-d4

Concen: 47.345 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY012550.D

Acq: 08 Feb 2023 18:09

Instrument :

MSVOA_Y

ClientSampleId :

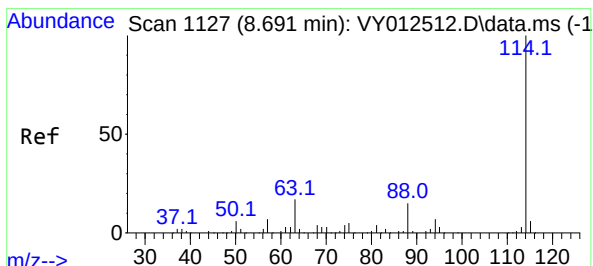
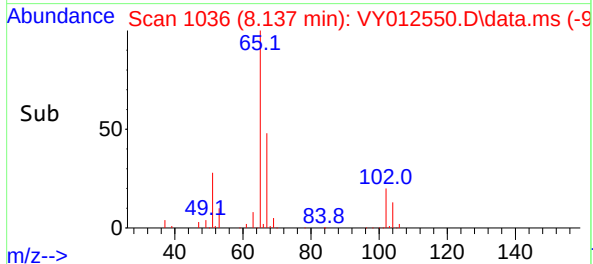
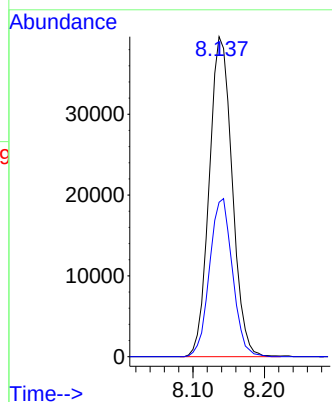
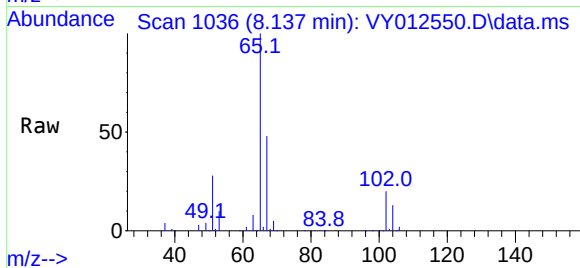
JPP-46-020723

Tgt Ion: 65 Resp: 88358

Ion Ratio Lower Upper

65 100

67 49.2 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012550.D

Acq: 08 Feb 2023 18:09

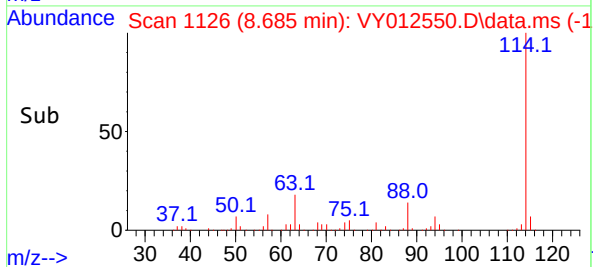
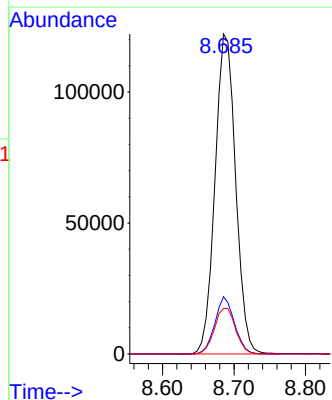
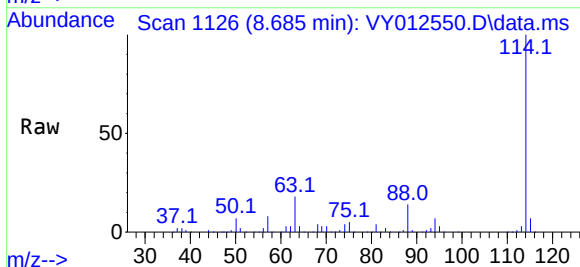
Tgt Ion: 114 Resp: 244408

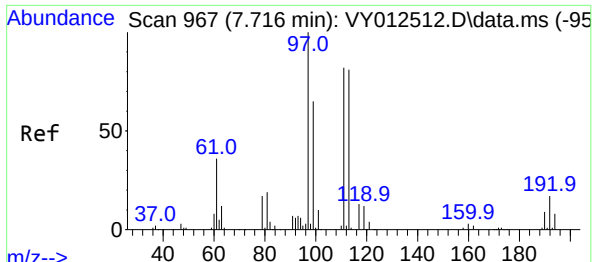
Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.6

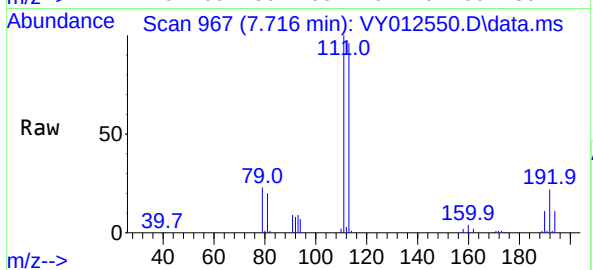
88 14.2 0.0 29.8



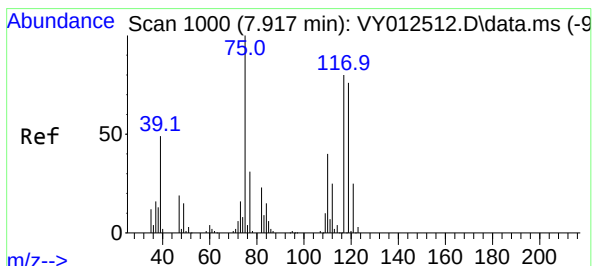
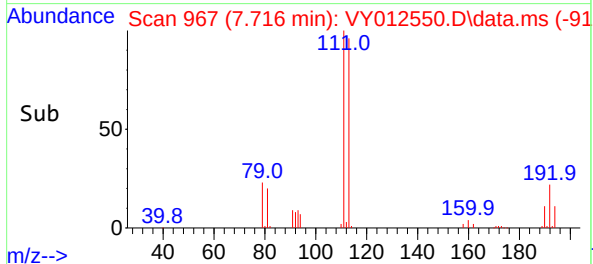
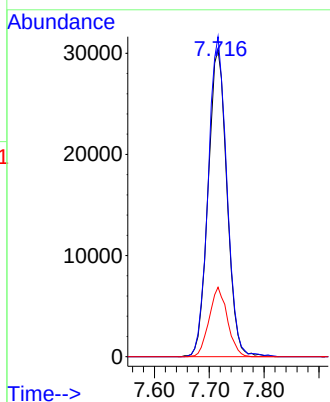


#35
Dibromofluoromethane
Concen: 40.561 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012550.D
Acq: 08 Feb 2023 18:09

Instrument :
MSVOA_Y
ClientSampleId :
JPP-46-020723

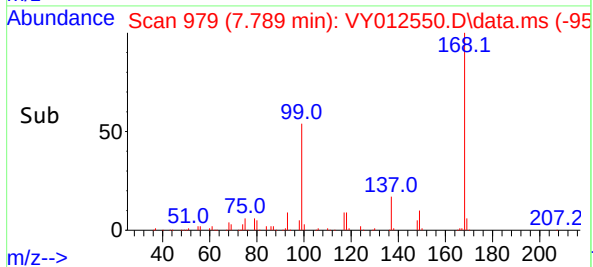
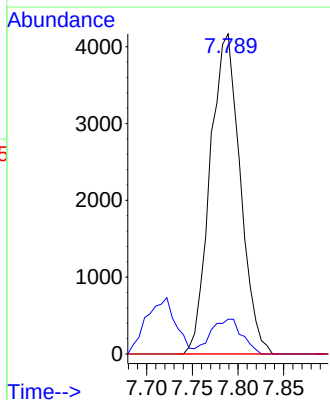
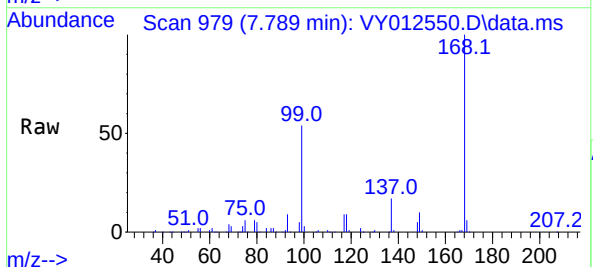


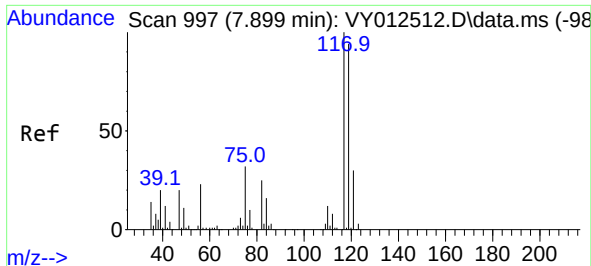
Tgt Ion:113 Resp: 72195
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 21.9 17.5 26.3



#36
1,1-Dichloropropene
Concen: 3.956 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012550.D
Acq: 08 Feb 2023 18:09

Tgt Ion: 75 Resp: 9530
Ion Ratio Lower Upper
75 100
110 11.3 19.5 58.5#
77 0.0 24.9 37.3#

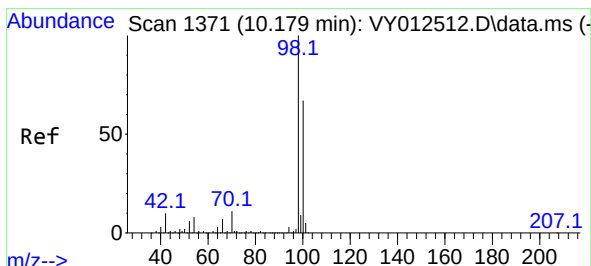
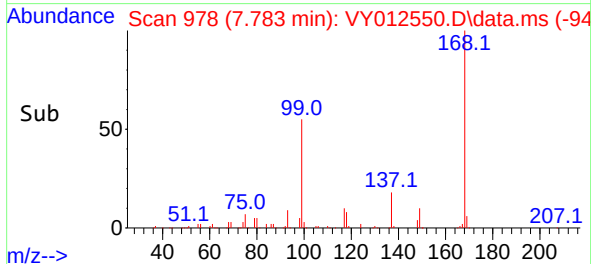
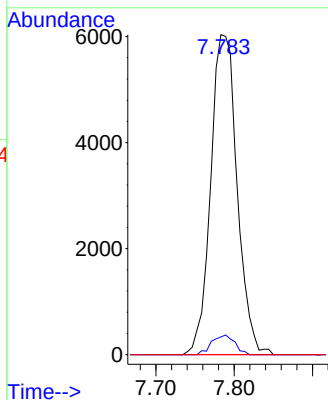
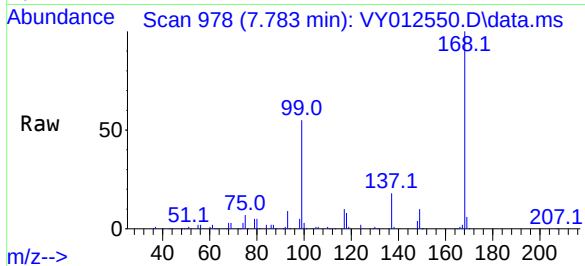




#38
Carbon Tetrachloride
Concen: 4.379 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY012550.D
Acq: 08 Feb 2023 18:09

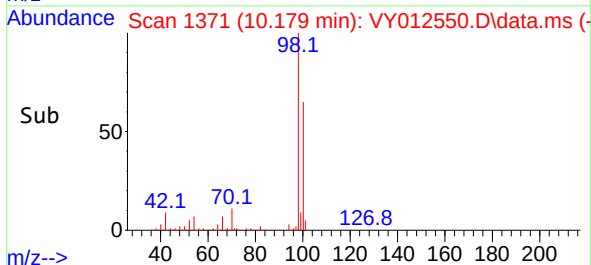
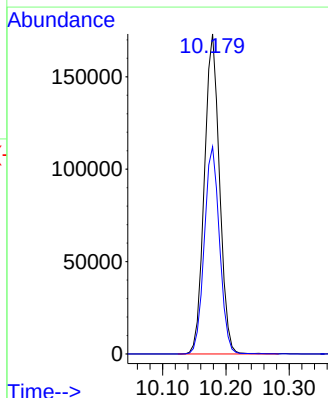
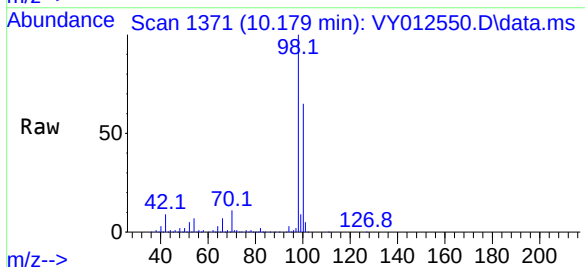
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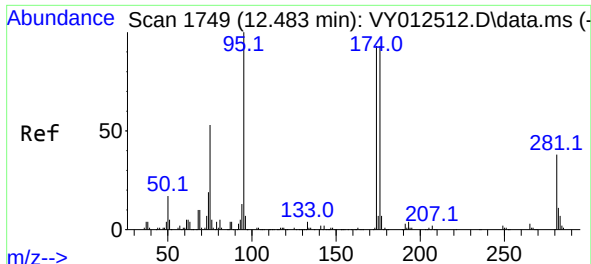
Tgt Ion:117 Resp: 14161
Ion Ratio Lower Upper
117 100
119 5.6 75.1 112.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 38.965 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012550.D
Acq: 08 Feb 2023 18:09

Tgt Ion: 98 Resp: 288678
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2

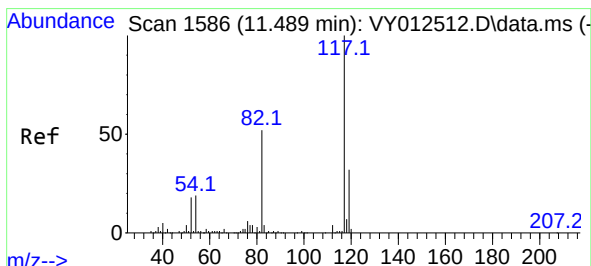
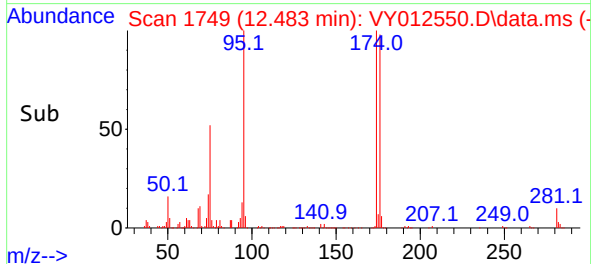
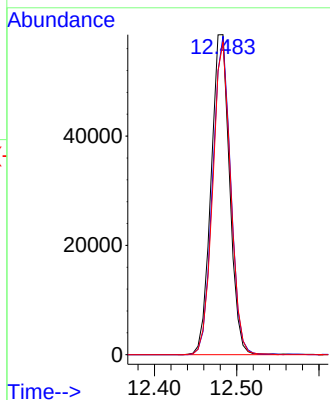
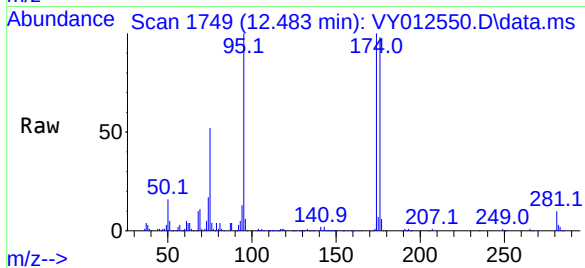




#62
4-Bromofluorobenzene
Concen: 35.558 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012550.D
Acq: 08 Feb 2023 18:09

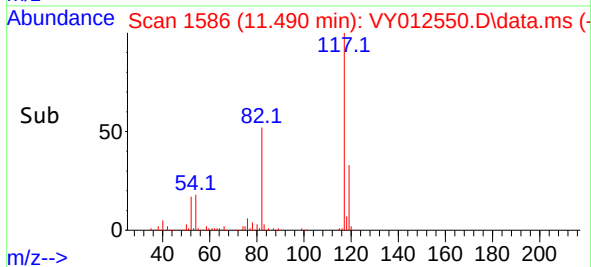
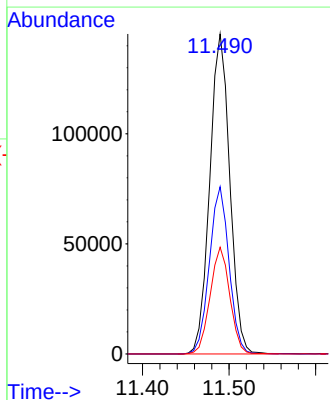
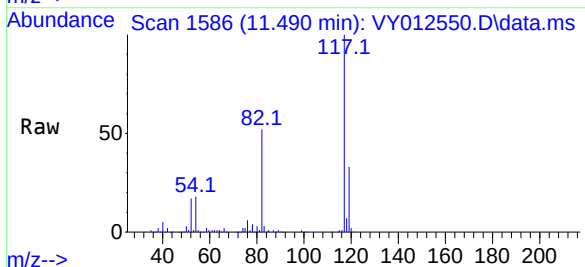
Instrument :
MSVOA_Y
ClientSampleId :
JPP-46-020723

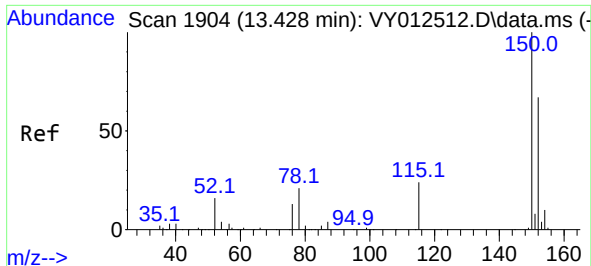
Tgt Ion:	95	Resp:	91887
Ion	Ratio	Lower	Upper
95	100		
174	96.2	0.0	188.0
176	94.2	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012550.D
Acq: 08 Feb 2023 18:09

Tgt Ion:	117	Resp:	233614
Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.7	62.5
119	33.3	25.8	38.8

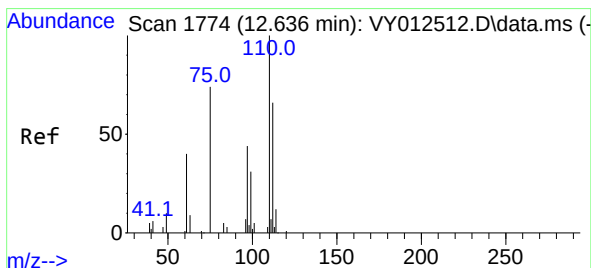
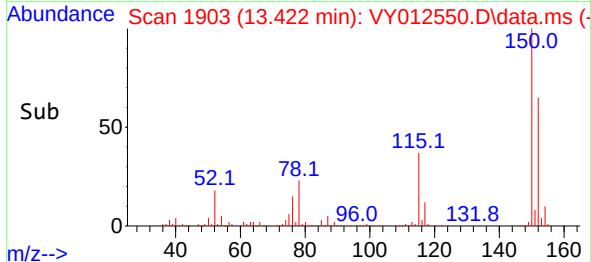
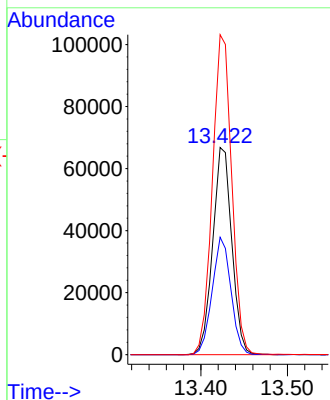
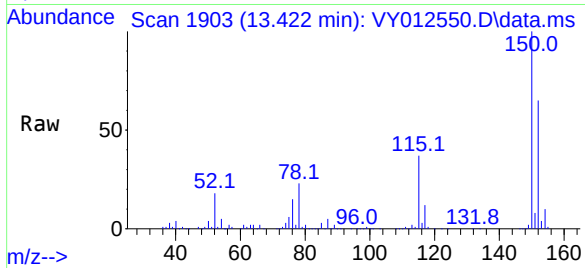




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY012550.D
Acq: 08 Feb 2023 18:09

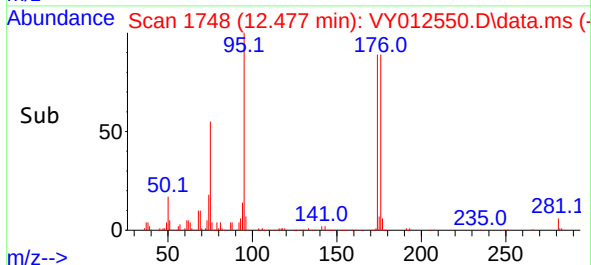
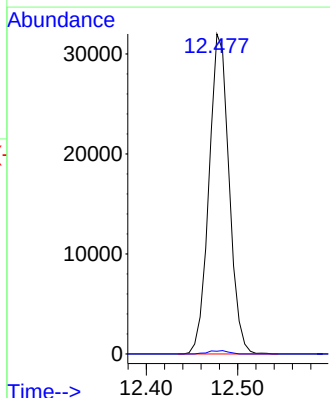
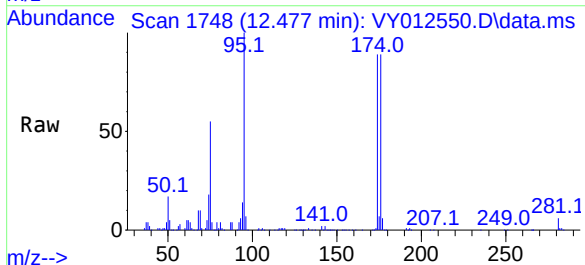
Instrument :
MSVOA_Y
ClientSampleId :
JPP-46-020723

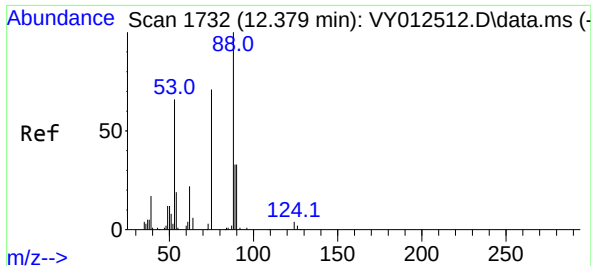
Tgt Ion:152 Resp: 102425
Ion Ratio Lower Upper
152 100
115 55.7 28.1 84.3
150 156.1 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 42.611 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY012550.D
Acq: 08 Feb 2023 18:09

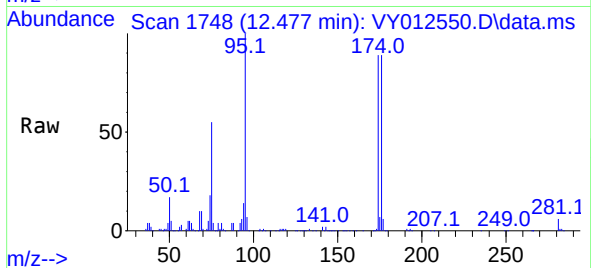
Tgt Ion: 75 Resp: 48761
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.090 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY012550.D
 Acq: 08 Feb 2023 18:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-46-020723



Tgt Ion: 75 Resp: 48761
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.1 109.7#
 89 0.1 39.9 59.9#

