

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
 Data File : VY010518.D
 Acq On : 15 Sep 2022 18:00
 Operator : KP/MD
 Sample : N4509-08RE
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S1-SO_UNK-20220902

Quant Time: Sep 16 02:57:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

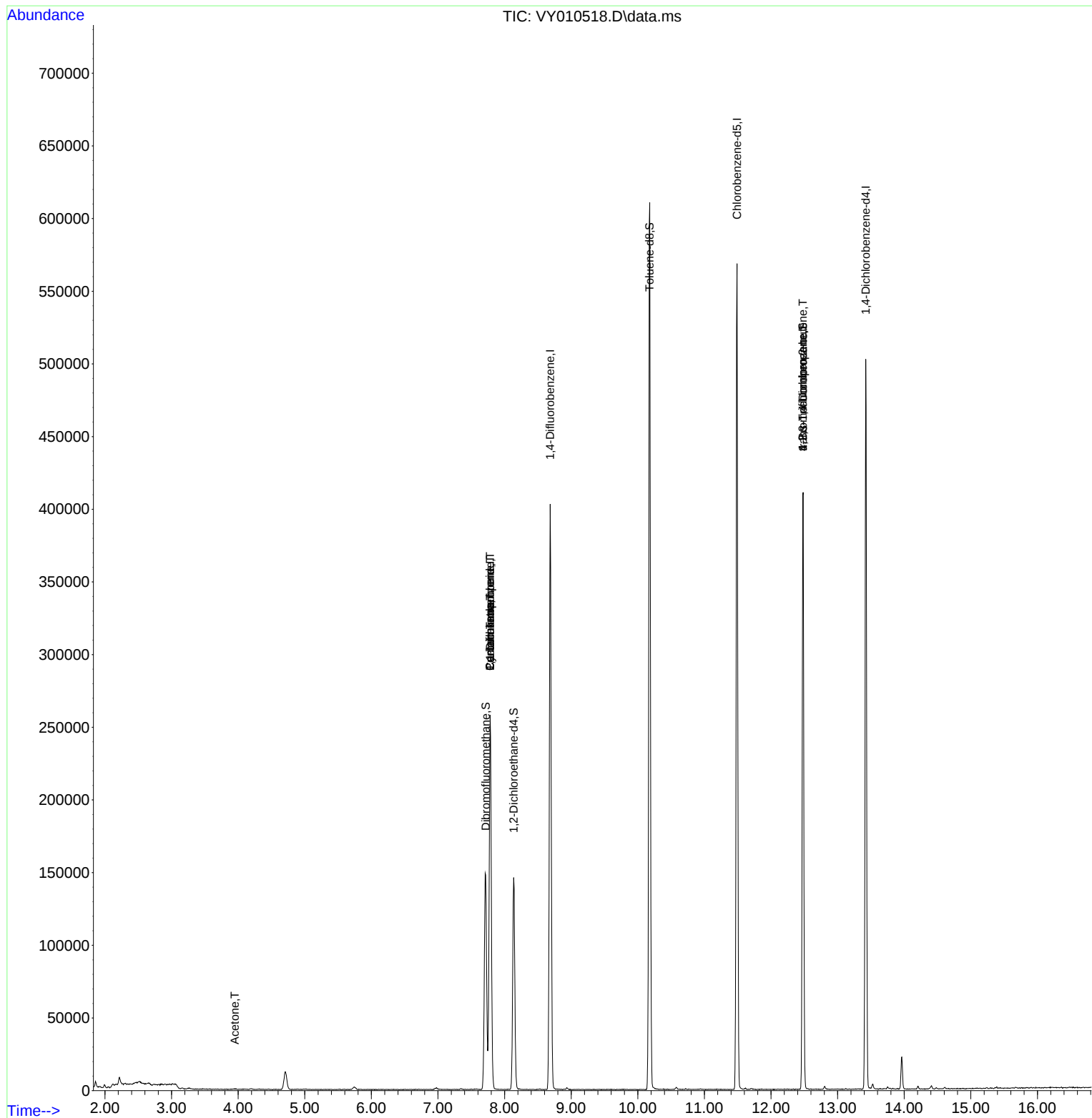
Internal Standards						
1) Pentafluorobenzene	7.783	168	202091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	345445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	313980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112533	55.288	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.580%
35) Dibromofluoromethane	7.716	113	107743	43.916	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.840%
50) Toluene-d8	10.178	98	405516	51.000	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.000%
62) 4-Bromofluorobenzene	12.477	95	128517	39.482	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.893	85	117	Below Cal	#	43
11) Tert butyl alcohol	4.942	59	68	Below Cal	#	77
16) Acetone	3.948	43	865	1.852	ug/l #	47
20) Methylene Chloride	4.704	84	9323	Below Cal	#	82
31) Cyclohexane	7.783	56	3942	1.146	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	14522	4.324	ug/l #	50
38) Carbon Tetrachloride	7.783	117	19191	5.136	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	65398	45.720	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	65398	101.515	ug/l #	7

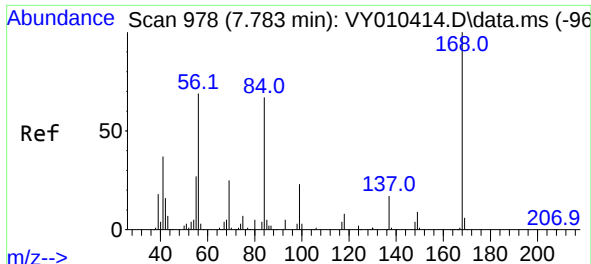
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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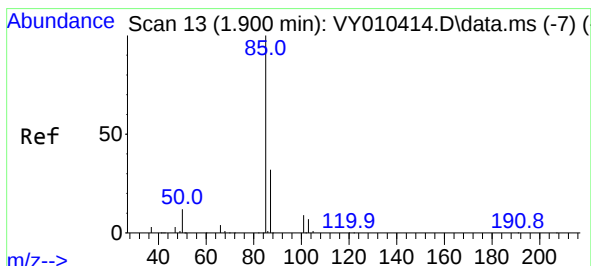
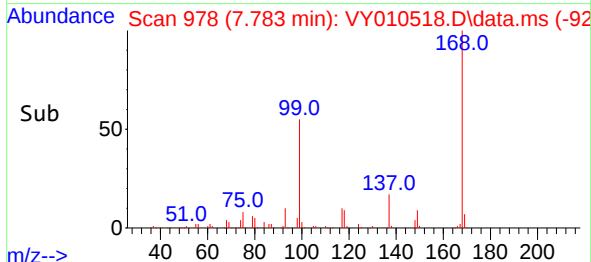
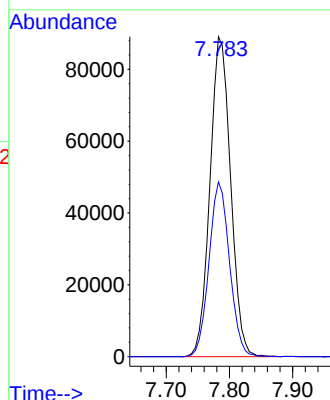
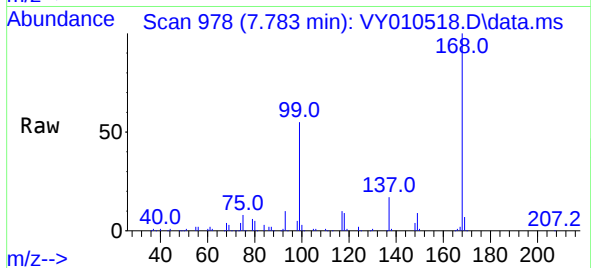




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010518.D
Acq: 15 Sep 2022 18:00

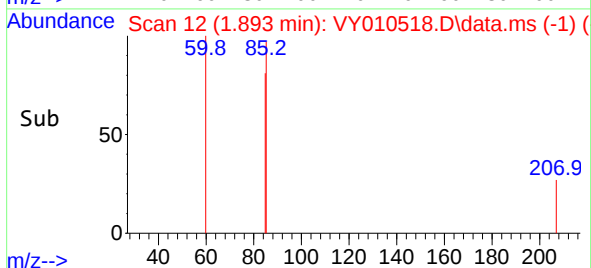
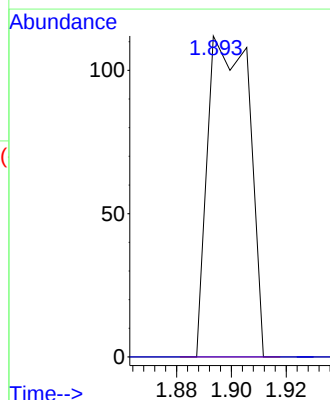
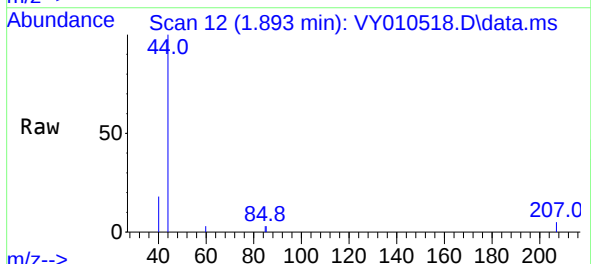
Instrument :
MSVOA_D
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S1-SO_UNK-20220902

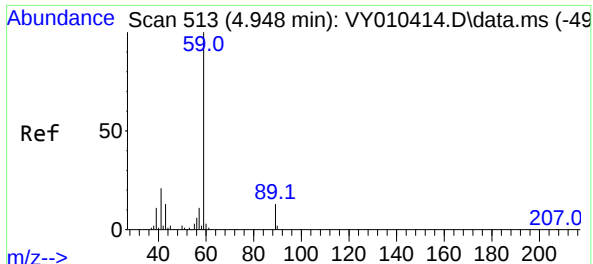
Tgt Ion:168 Resp: 202091
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.893 min Scan# 12
Delta R.T. -0.007 min
Lab File: VY010518.D
Acq: 15 Sep 2022 18:00

Tgt Ion: 85 Resp: 117
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.942 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY010518.D

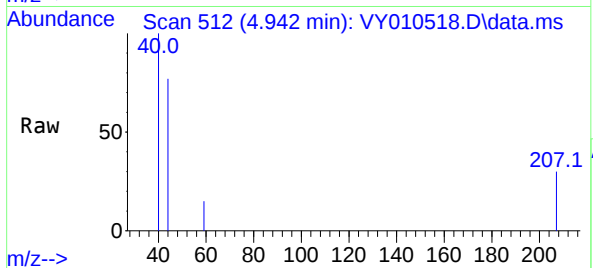
Acq: 15 Sep 2022 18:00

Instrument :

MSVOA_D

ClientSampleId :

S1-SO_UNK-20220902

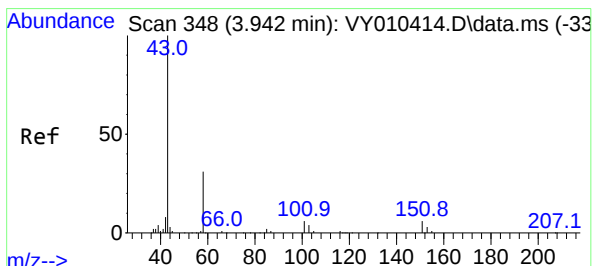
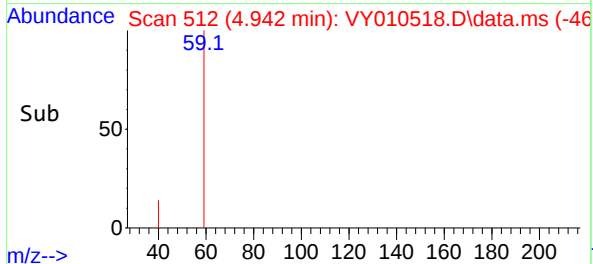
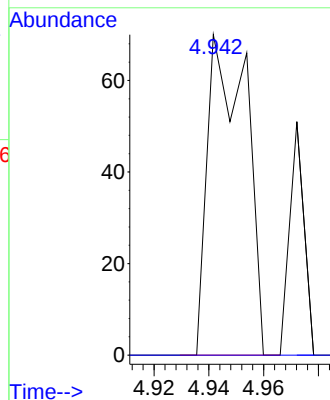


Tgt Ion: 59 Resp: 68

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 1.852 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY010518.D

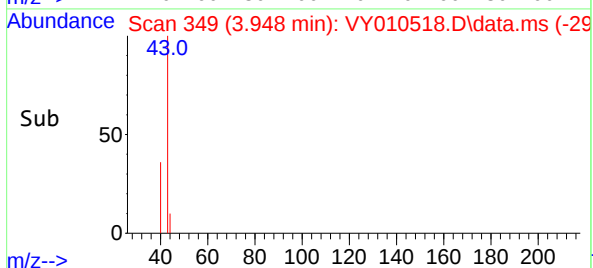
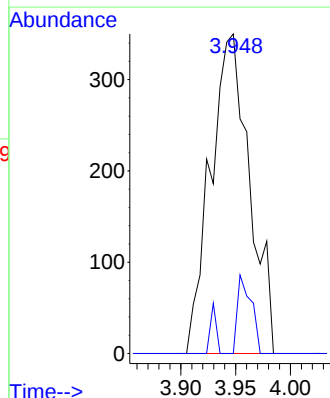
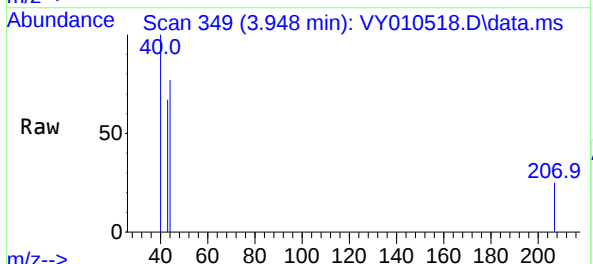
Acq: 15 Sep 2022 18:00

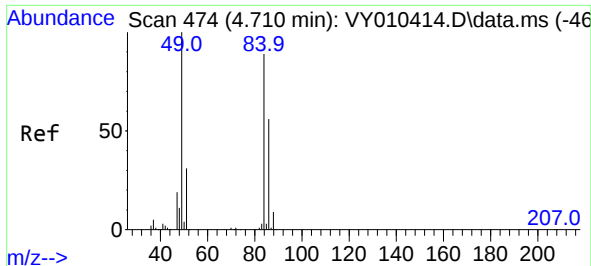
Tgt Ion: 43 Resp: 865

Ion Ratio Lower Upper

43 100

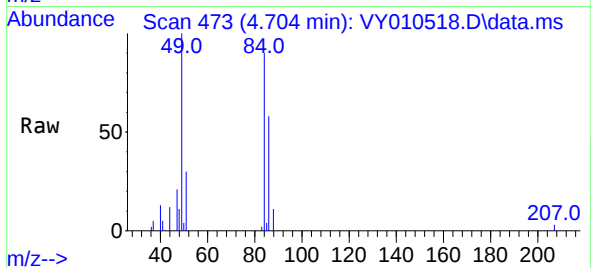
58 0.0 22.0 33.0#





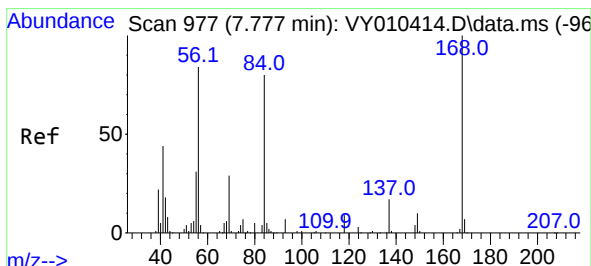
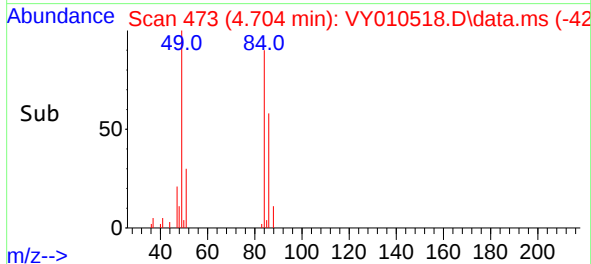
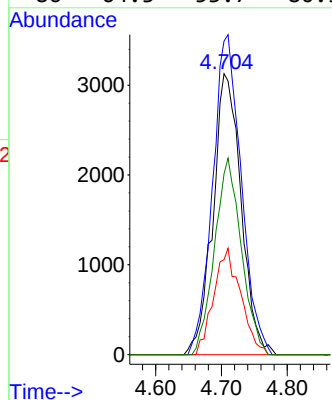
#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010518.D
Acq: 15 Sep 2022 18:00

Instrument :
MSVOA_D
ClientSampleId :
S1-SO_UNK-20220902



Tgt Ion: 84 Resp: 9323

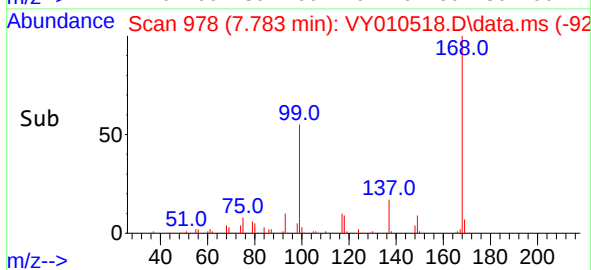
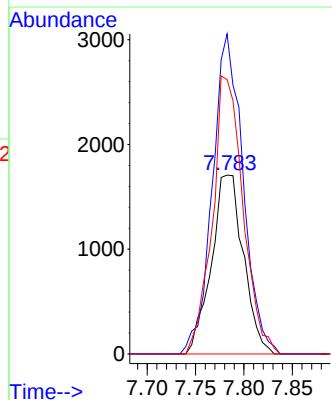
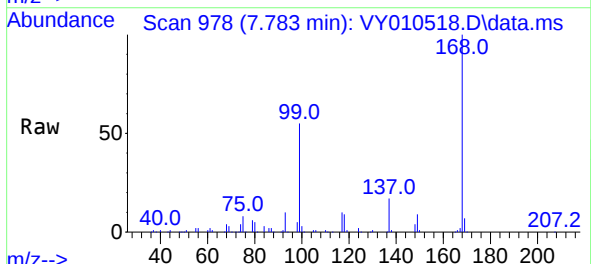
Ion	Ratio	Lower	Upper
84	100		
49	111.6	114.4	171.6#
51	33.8	35.3	52.9#
86	64.3	53.7	80.5

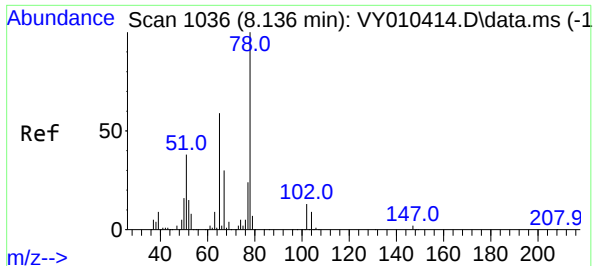


#31
Cyclohexane
Concen: 1.146 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY010518.D
Acq: 15 Sep 2022 18:00

Tgt Ion: 56 Resp: 3942

Ion	Ratio	Lower	Upper
56	100		
69	178.9	26.7	40.1#
84	153.4	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 55.288 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010518.D

Acq: 15 Sep 2022 18:00

Instrument :

MSVOA_D

ClientSampleId :

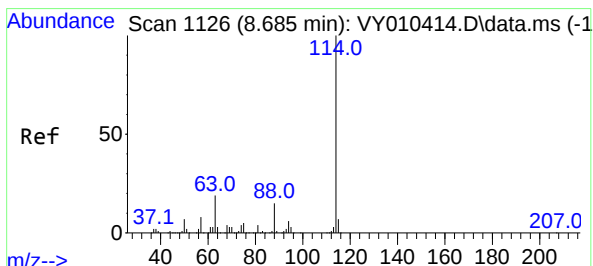
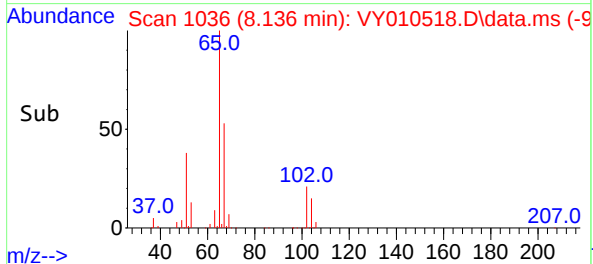
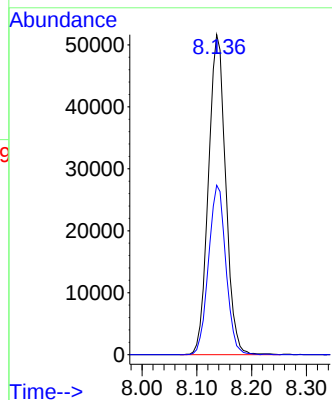
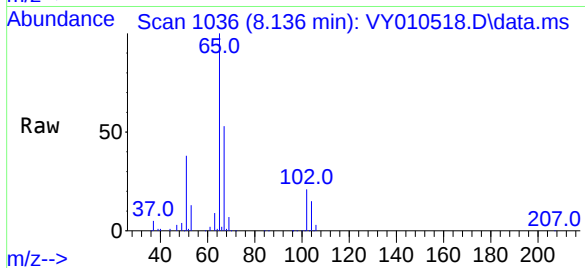
S1-SO_UNK-20220902

Tgt Ion: 65 Resp: 112533

Ion Ratio Lower Upper

65 100

67 53.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010518.D

Acq: 15 Sep 2022 18:00

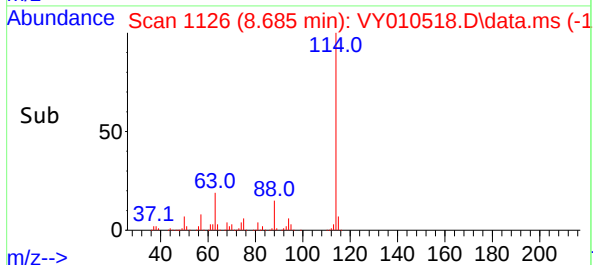
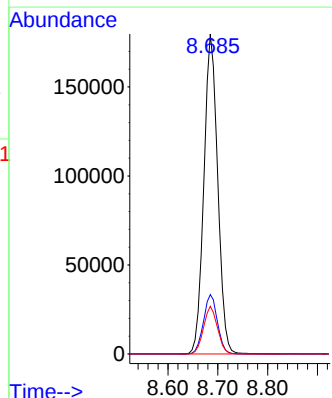
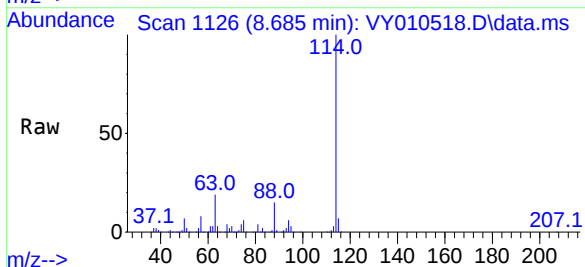
Tgt Ion: 114 Resp: 345445

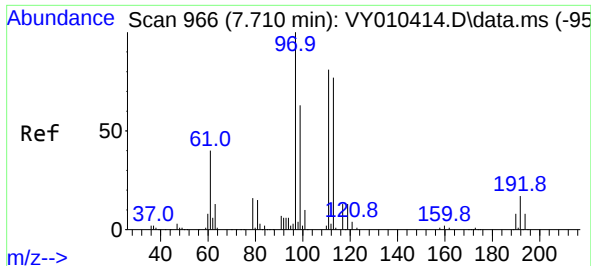
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.9 0.0 31.8

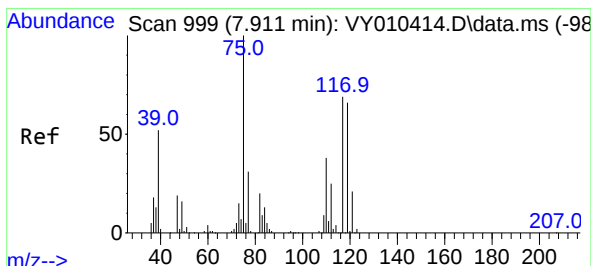
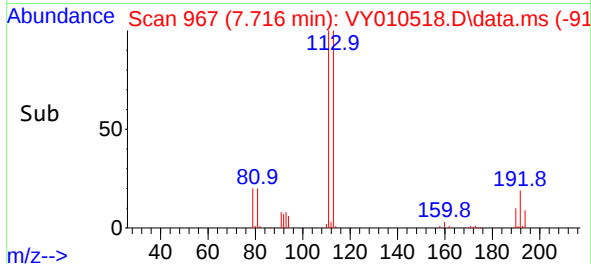
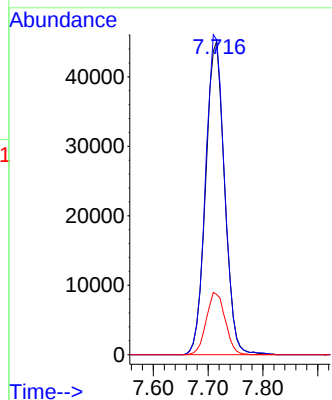
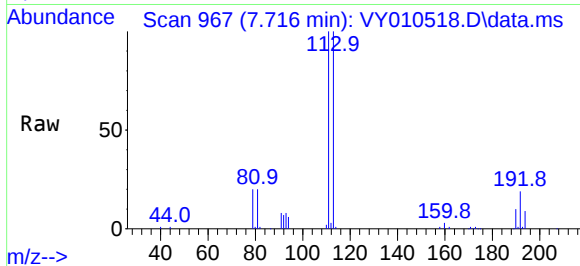




#35
Dibromofluoromethane
Concen: 43.916 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010518.D
Acq: 15 Sep 2022 18:00

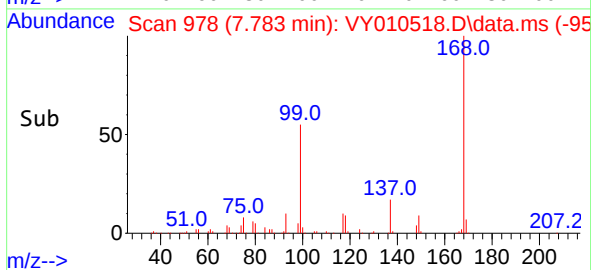
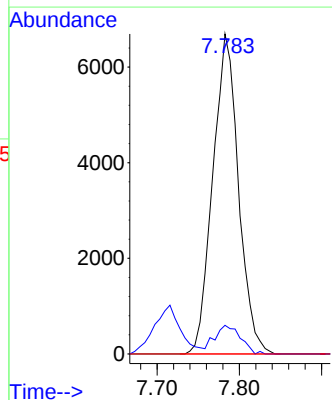
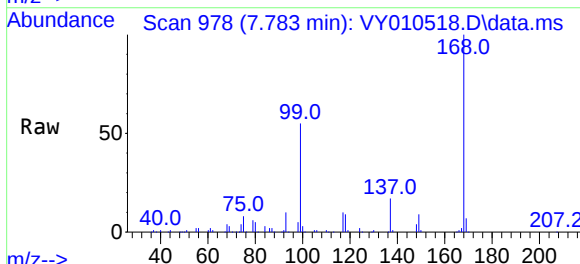
Instrument :
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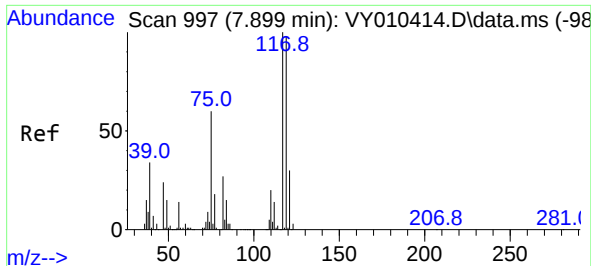
Tgt Ion:113 Resp: 107743
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 19.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.324 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010518.D
Acq: 15 Sep 2022 18:00

Tgt Ion: 75 Resp: 14522
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#

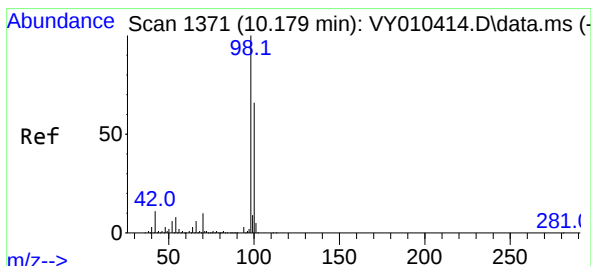
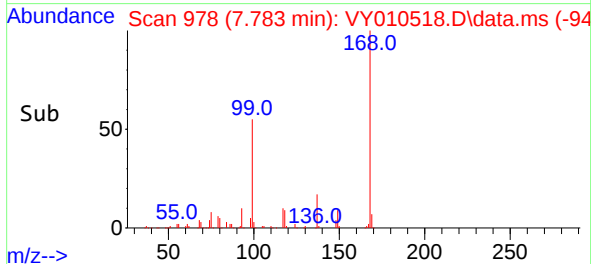
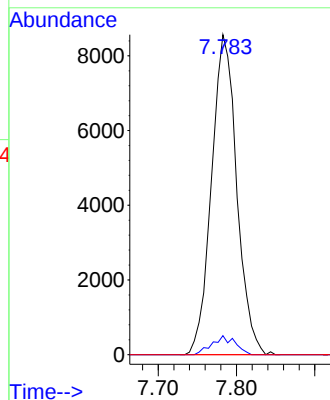
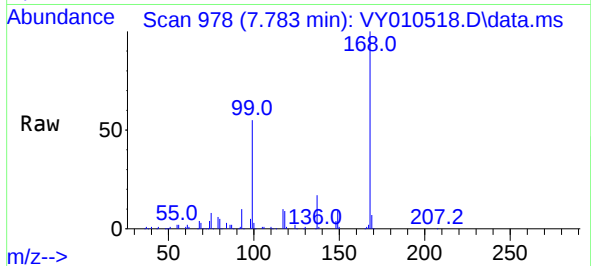




#38
Carbon Tetrachloride
Concen: 5.136 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010518.D
Acq: 15 Sep 2022 18:00

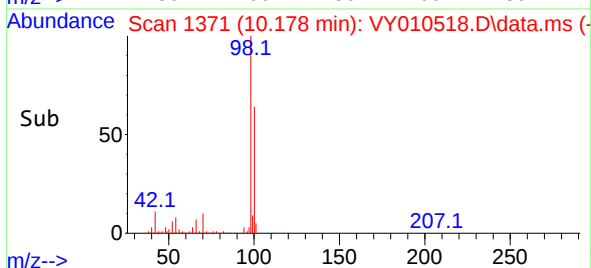
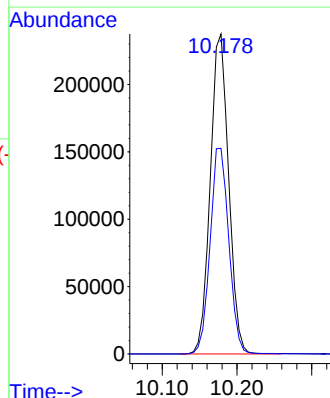
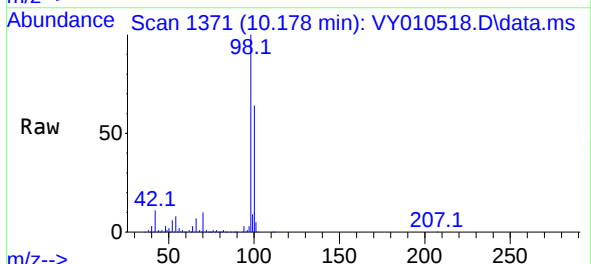
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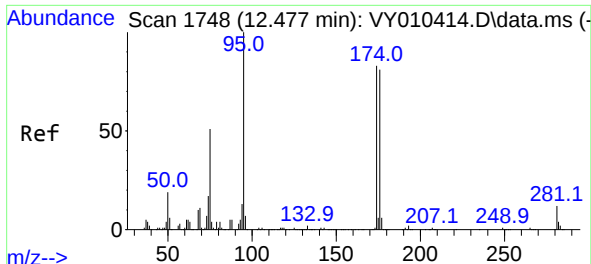
Tgt Ion:117 Resp: 19191
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.000 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY010518.D
Acq: 15 Sep 2022 18:00

Tgt Ion: 98 Resp: 405516
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

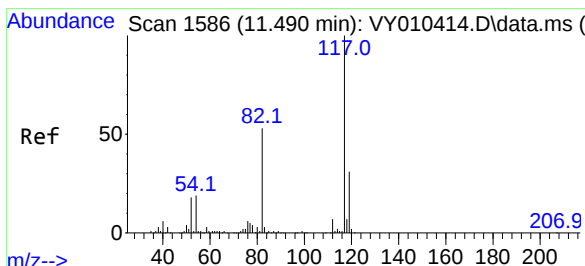
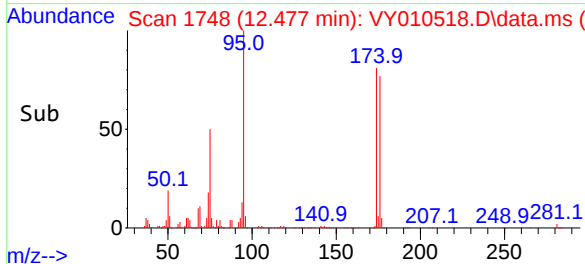
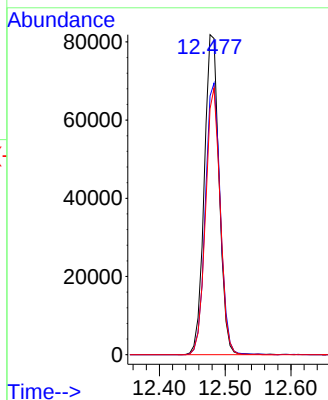
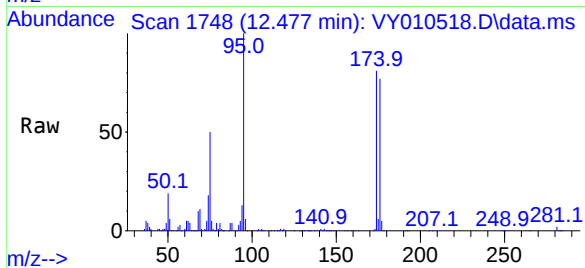




#62
4-Bromofluorobenzene
Concen: 39.482 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010518.D
Acq: 15 Sep 2022 18:00

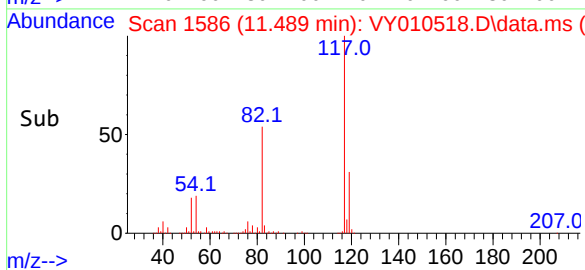
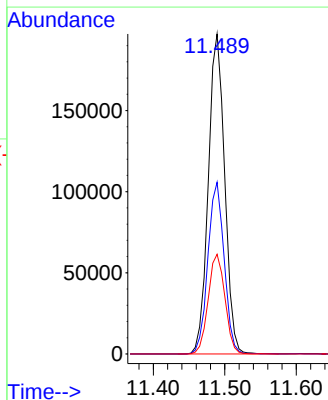
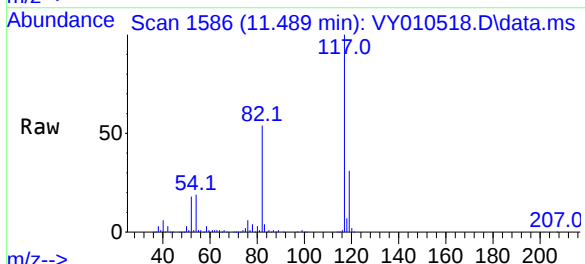
Instrument :
MSVOA_D
ClientSampleId :
S1-SO_UNK-20220902

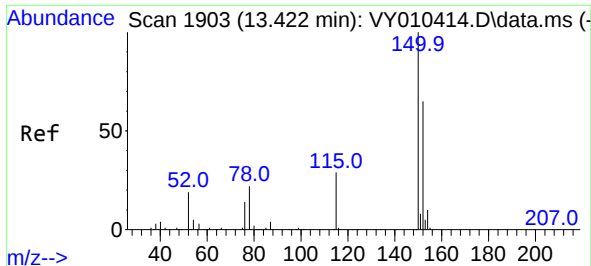
Tgt Ion: 95 Resp: 128517
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 81.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010518.D
Acq: 15 Sep 2022 18:00

Tgt Ion: 117 Resp: 313980
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 31.2 25.4 38.0

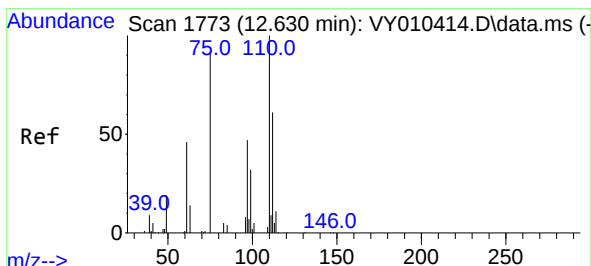
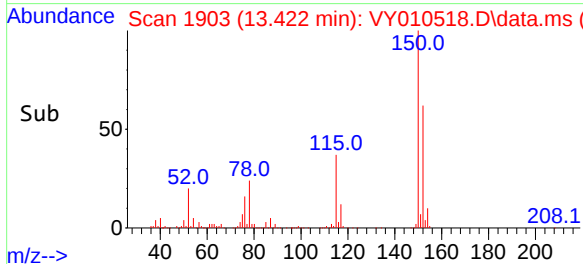
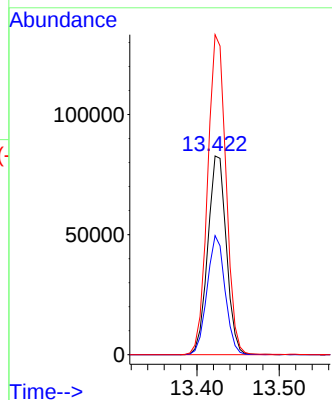
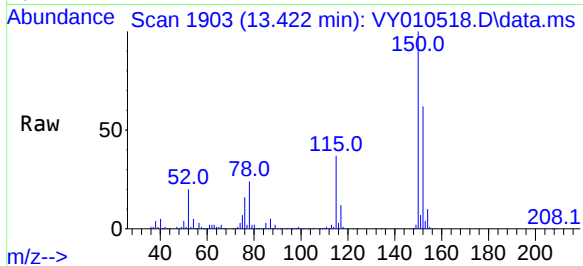




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010518.D
Acq: 15 Sep 2022 18:00

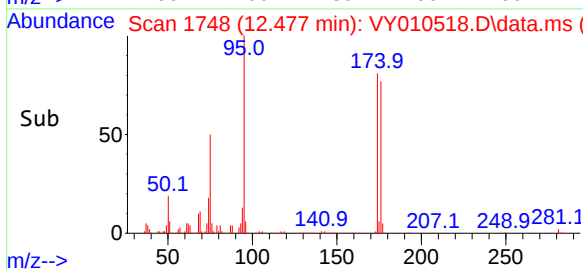
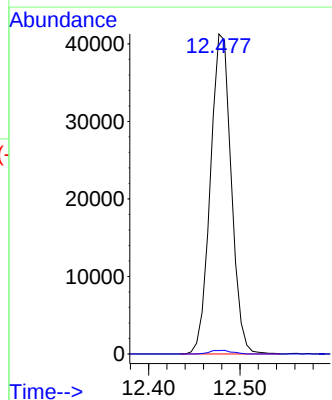
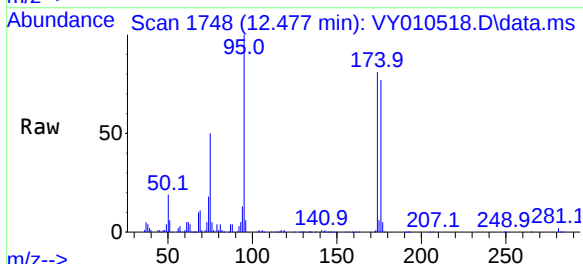
Instrument :
MSVOA_D
ClientSampleId :
S1-SO_UNK-20220902

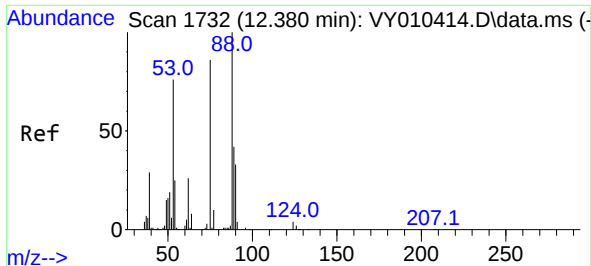
Tgt Ion:152 Resp: 129604
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 159.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 45.720 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010518.D
Acq: 15 Sep 2022 18:00

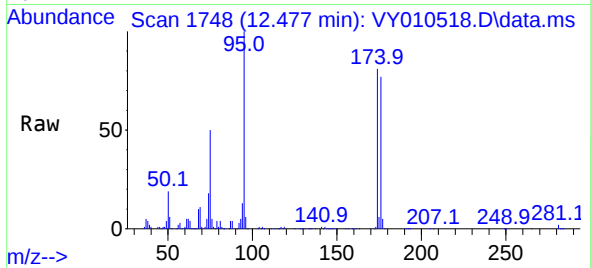
Tgt Ion: 75 Resp: 65398
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.515 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010518.D
 Acq: 15 Sep 2022 18:00

Instrument :
 MSVOA_D
 ClientSampleId :
 S1-SO_UNK-20220902



Tgt Ion: 75 Resp: 65398
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

