

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010285.D
 Acq On : 02 Sep 2022 17:41
 Operator : KP/MD
 Sample : N4433-02
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-2

Quant Time: Sep 02 18:04:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	291303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	502199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	468779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	212153	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	171248	57.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.660%
35) Dibromofluoromethane	7.709	113	151111	45.199	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.400%
50) Toluene-d8	10.178	98	599247	53.537	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.080%
62) 4-Bromofluorobenzene	12.477	95	212963	47.148	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.300%

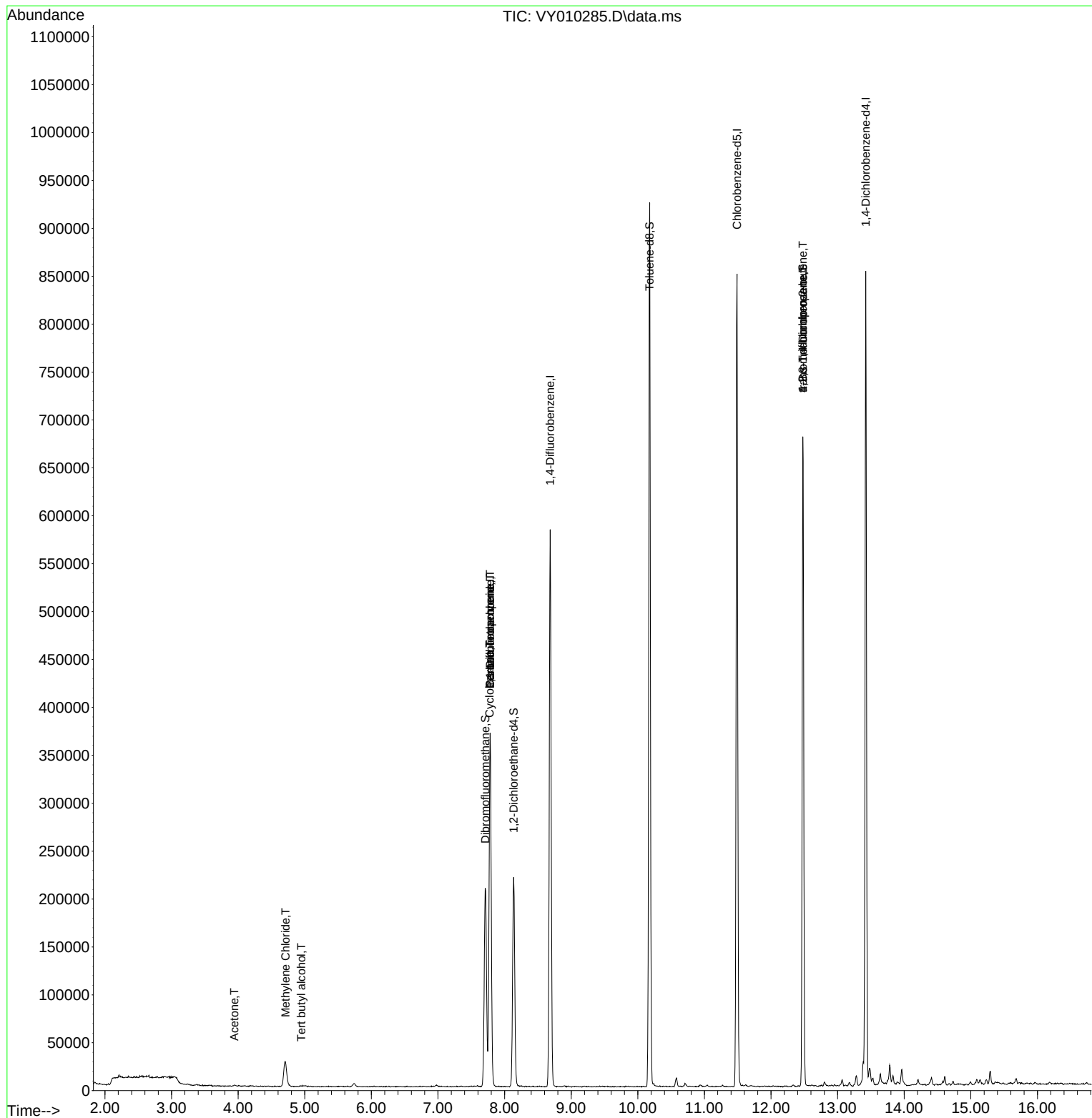
Target Compounds					Qvalue	
5) Bromomethane	2.662	94	651	Below Cal	#	73
11) Tert butyl alcohol	4.948	59	1438	4.024	ug/l #	94
16) Acetone	3.942	43	1731	2.318	ug/l	94
20) Methylene Chloride	4.710	84	20095	5.577	ug/l	89
31) Cyclohexane	7.776	56	6000	1.030	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	21178	4.317	ug/l #	51
38) Carbon Tetrachloride	7.783	117	28092	5.557	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	109722	43.459	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	109722	90.661	ug/l #	7

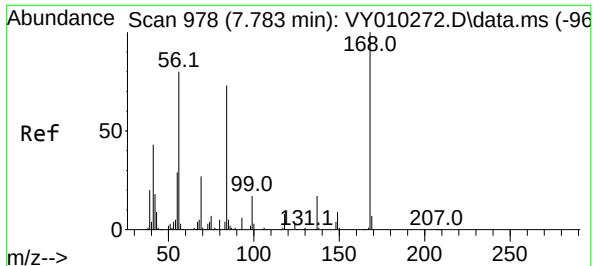
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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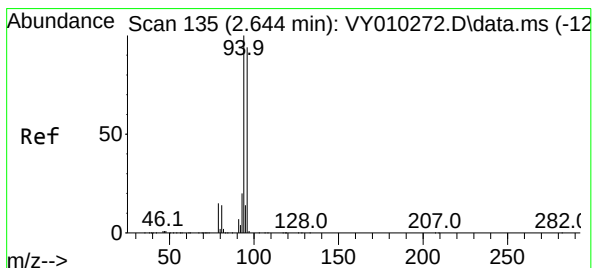
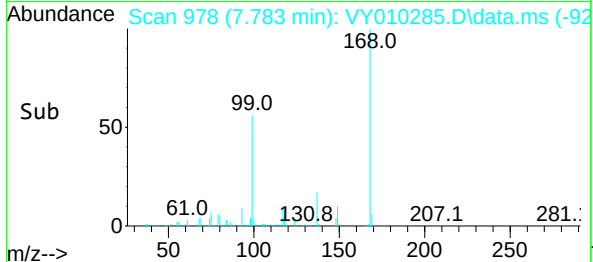
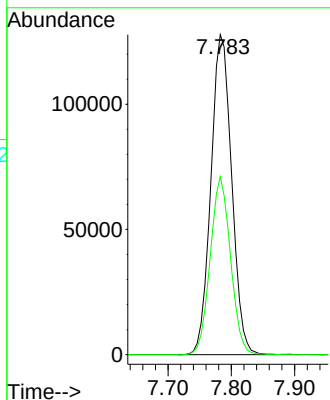
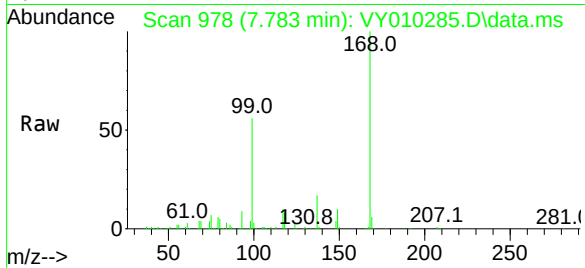




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010285.D
Acq: 02 Sep 2022 17:41

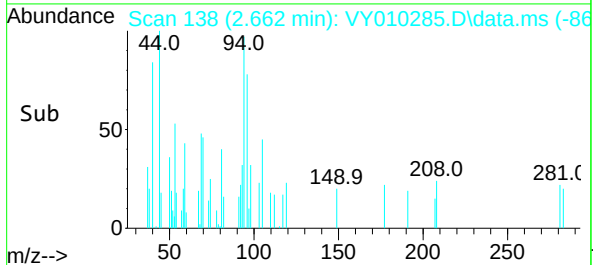
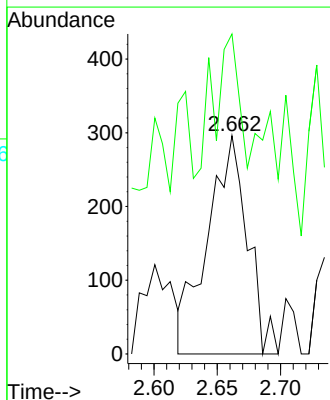
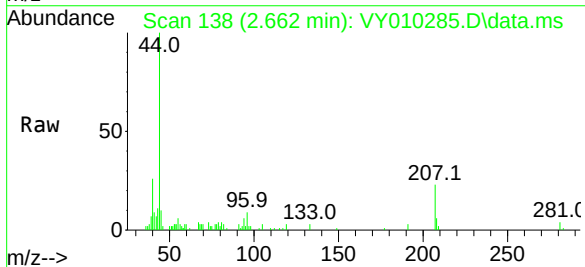
Instrument :
MSVOA_Y
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EP-2

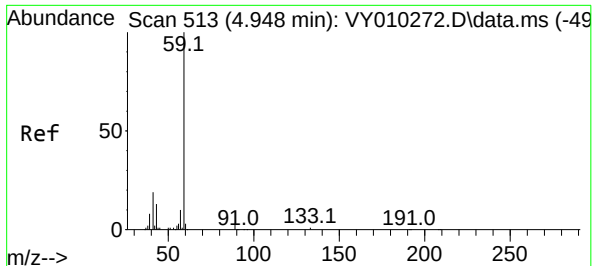
Tgt Ion:168 Resp: 291303
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.018 min
Lab File: VY010285.D
Acq: 02 Sep 2022 17:41

Tgt Ion: 94 Resp: 651
Ion Ratio Lower Upper
94 100
96 66.6 73.5 110.3#





#11

Tert butyl alcohol

Concen: 4.024 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY010285.D

Acq: 02 Sep 2022 17:41

Instrument :

MSVOA_Y

ClientSampleId :

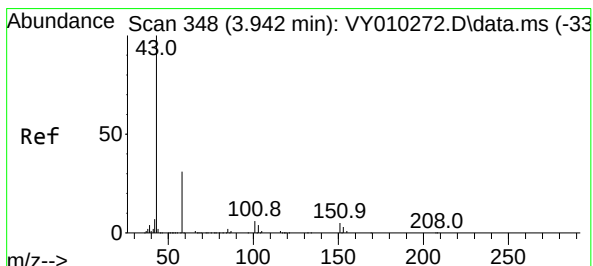
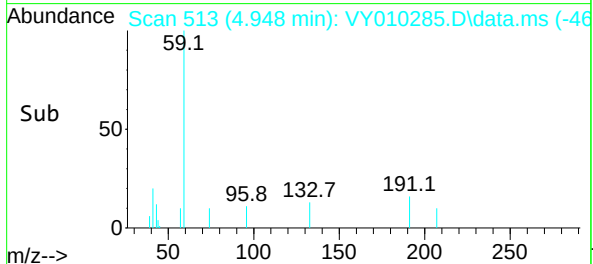
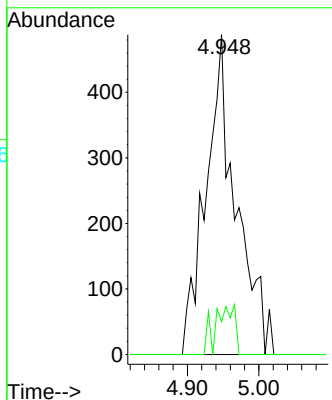
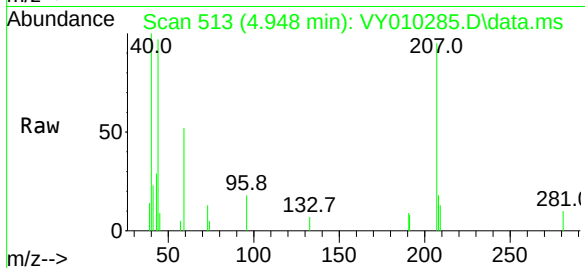
EP-2

Tgt Ion: 59 Resp: 1438

Ion Ratio Lower Upper

59 100

57 9.9 6.4 9.6#



#16

Acetone

Concen: 2.318 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY010285.D

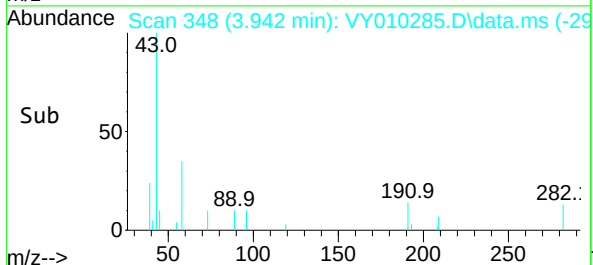
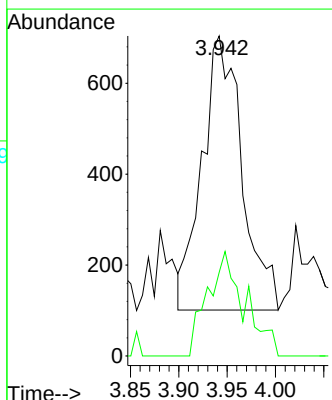
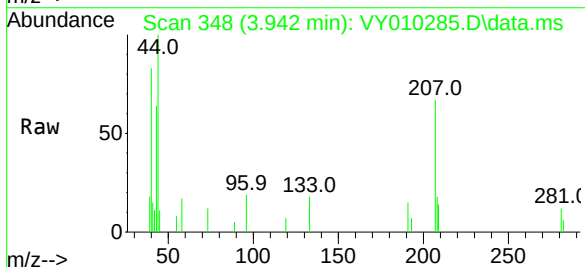
Acq: 02 Sep 2022 17:41

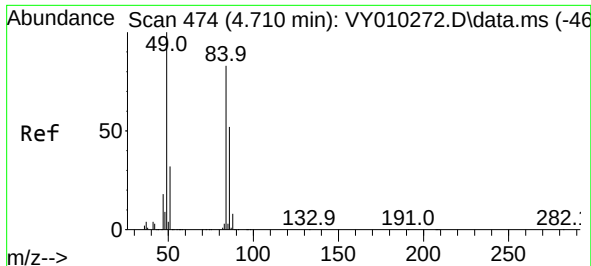
Tgt Ion: 43 Resp: 1731

Ion Ratio Lower Upper

43 100

58 30.5 22.0 33.0

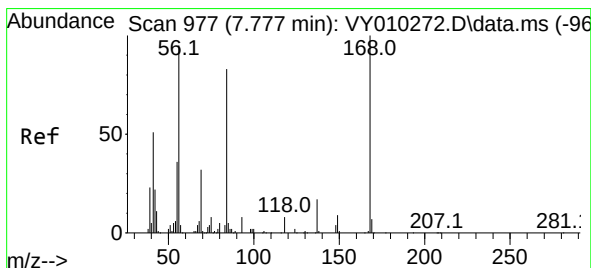
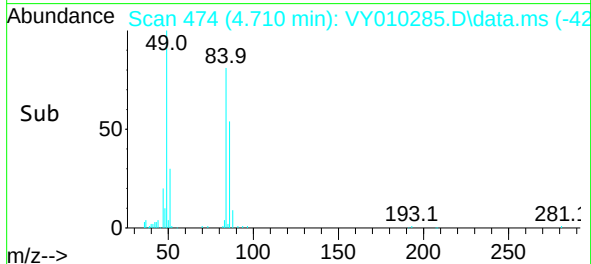
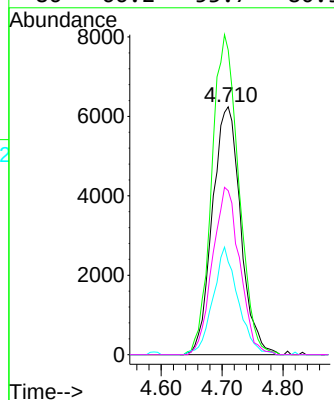
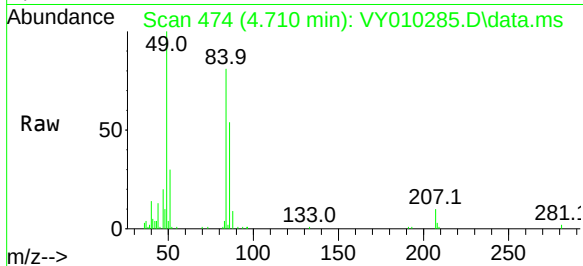




#20
Methylene Chloride
Concen: 5.577 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010285.D
Acq: 02 Sep 2022 17:41

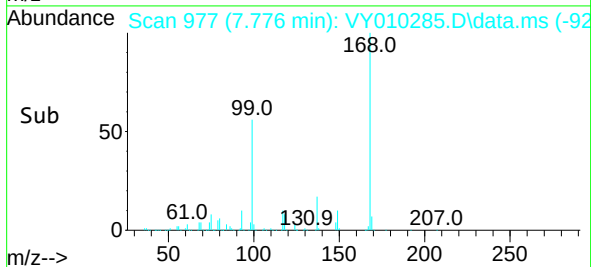
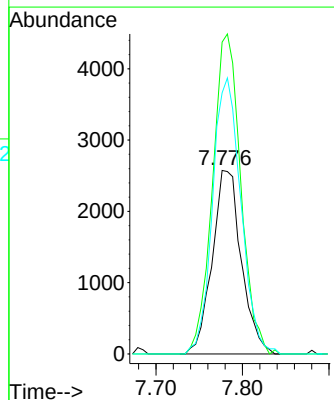
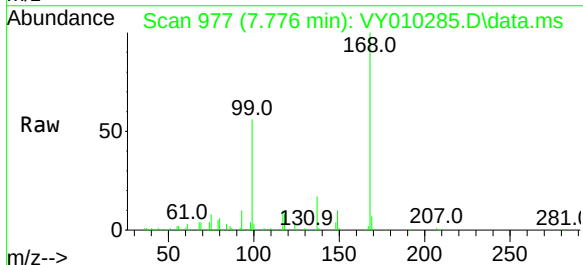
Instrument :
MSVOA_Y
ClientSampleId :
EP-2

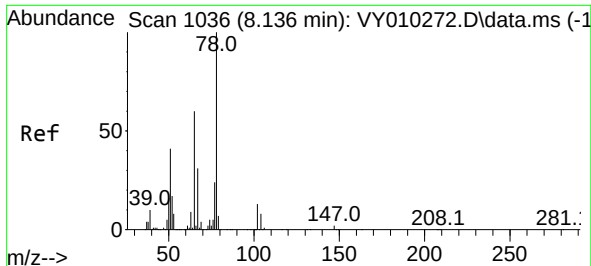
Tgt Ion:	84	Resp:	20095
Ion	Ratio	Lower	Upper
84	100		
49	122.9	114.4	171.6
51	37.4	35.3	52.9
86	66.2	53.7	80.5



#31
Cyclohexane
Concen: 1.030 ug/l
RT: 7.776 min Scan# 977
Delta R.T. -0.001 min
Lab File: VY010285.D
Acq: 02 Sep 2022 17:41

Tgt Ion:	56	Resp:	6000
Ion	Ratio	Lower	Upper
56	100		
69	169.9	26.7	40.1#
84	142.3	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.331 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010285.D

Acq: 02 Sep 2022 17:41

Instrument :

MSVOA_Y

ClientSampleId :

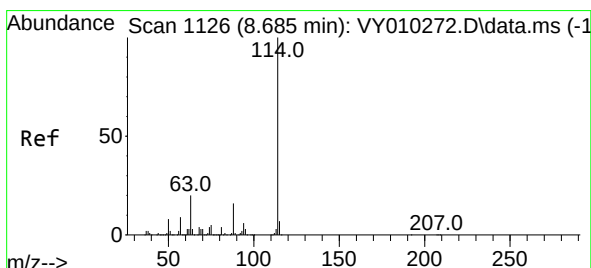
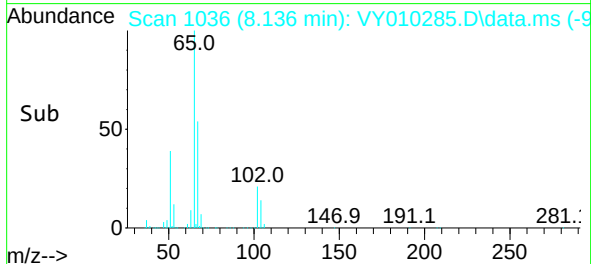
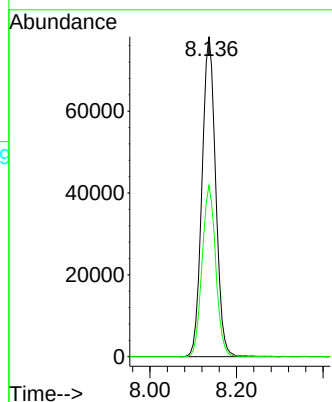
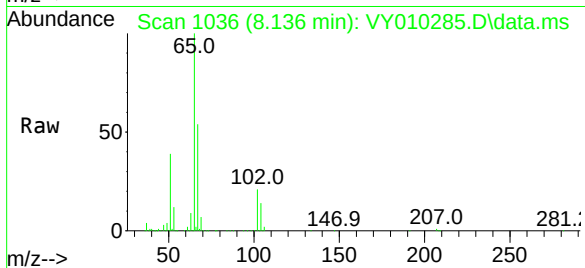
EP-2

Tgt Ion: 65 Resp: 171248

Ion Ratio Lower Upper

65 100

67 53.3 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: VY010285.D

Acq: 02 Sep 2022 17:41

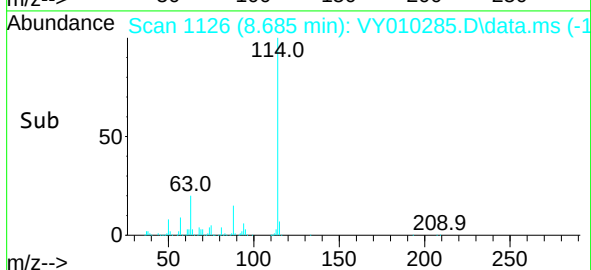
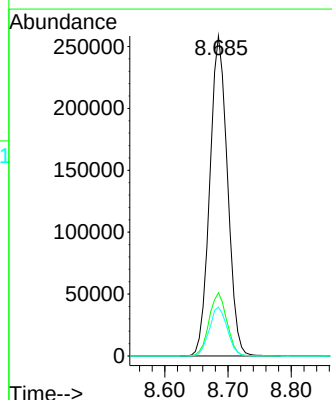
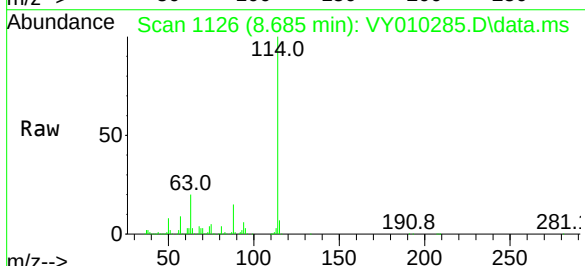
Tgt Ion: 114 Resp: 502199

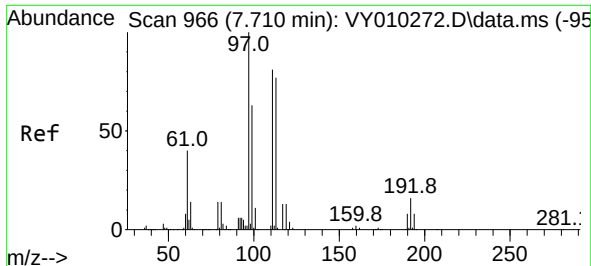
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.2 0.0 31.8

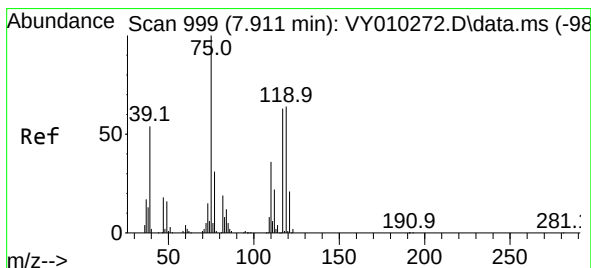
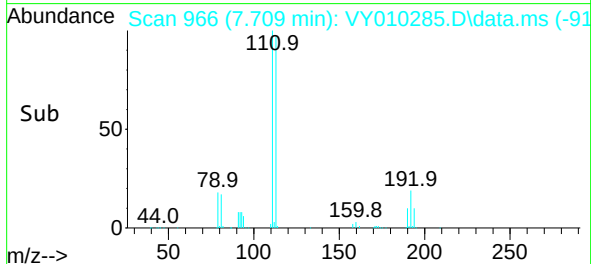
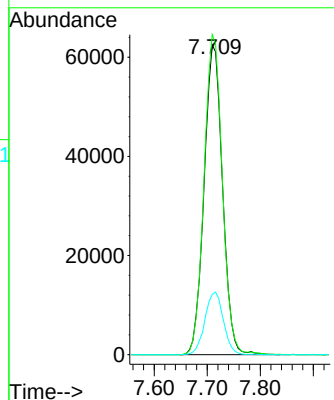
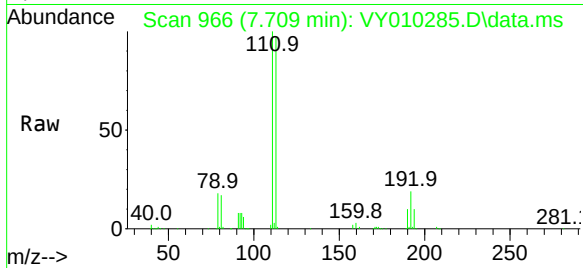




#35
Dibromofluoromethane
Concen: 45.199 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY010285.D
Acq: 02 Sep 2022 17:41

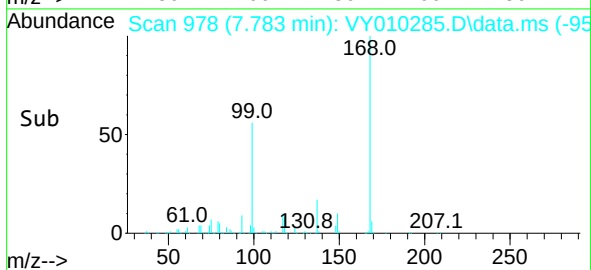
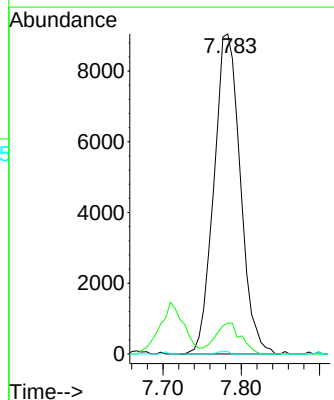
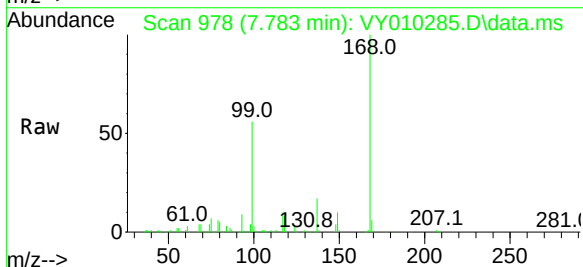
Instrument :
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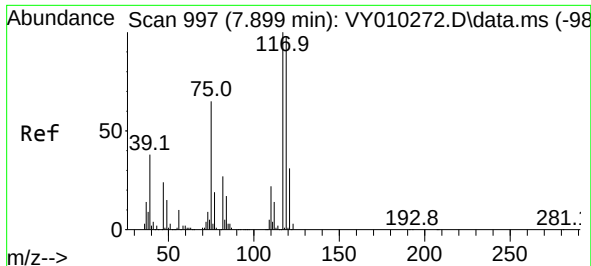
Tgt Ion:113 Resp: 151111
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 20.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.317 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010285.D
Acq: 02 Sep 2022 17:41

Tgt Ion: 75 Resp: 21178
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.3 24.4 36.6#

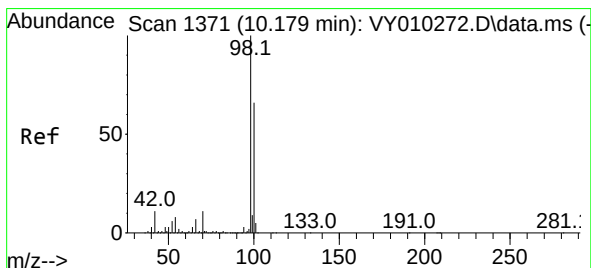
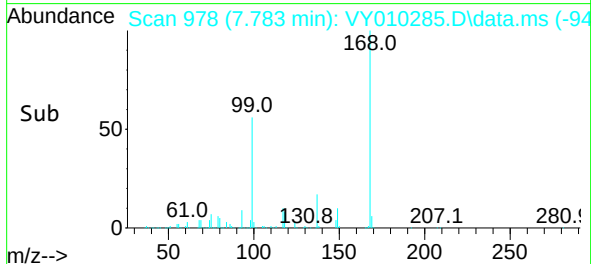
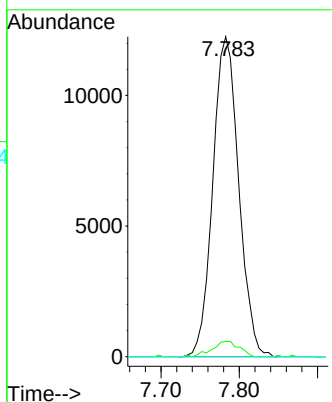
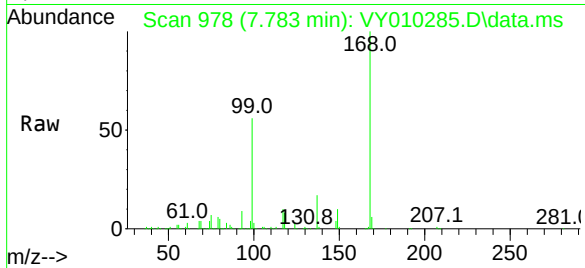




#38
Carbon Tetrachloride
Concen: 5.557 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010285.D
Acq: 02 Sep 2022 17:41

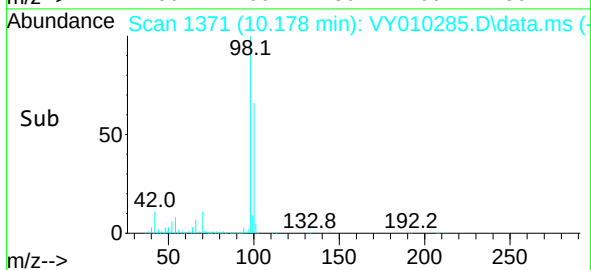
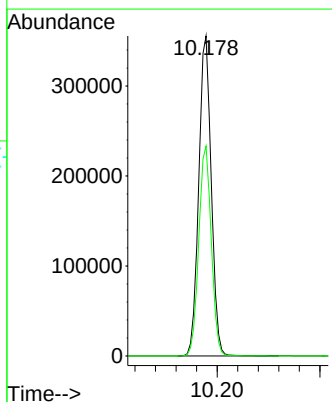
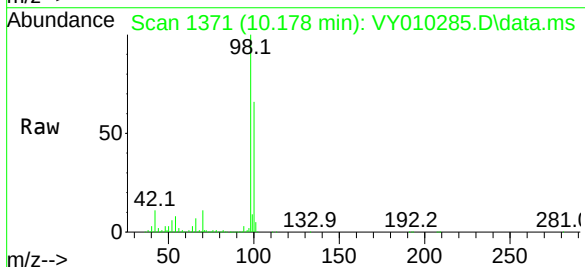
Instrument :
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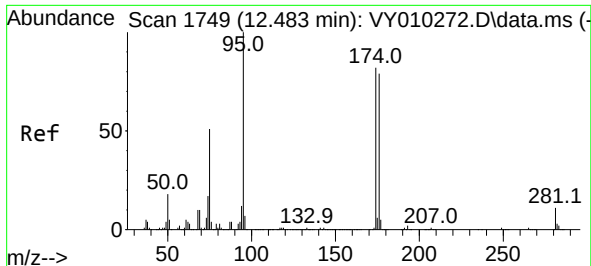
Tgt Ion:117 Resp: 28092
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.537 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY010285.D
Acq: 02 Sep 2022 17:41

Tgt Ion: 98 Resp: 599247
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

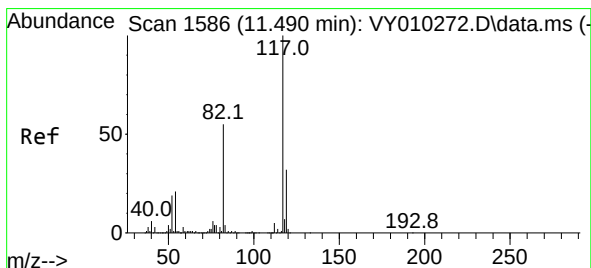
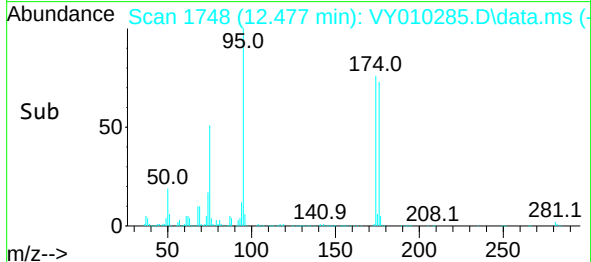
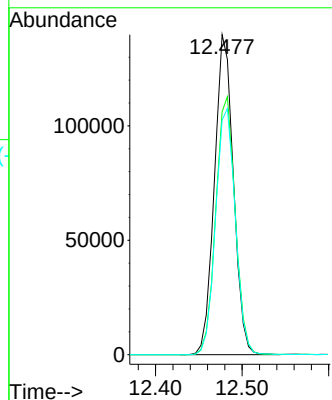
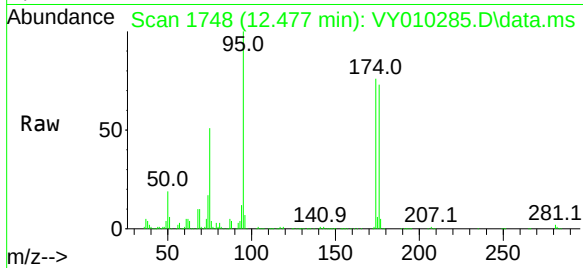




#62
4-Bromofluorobenzene
Concen: 47.148 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010285.D
Acq: 02 Sep 2022 17:41

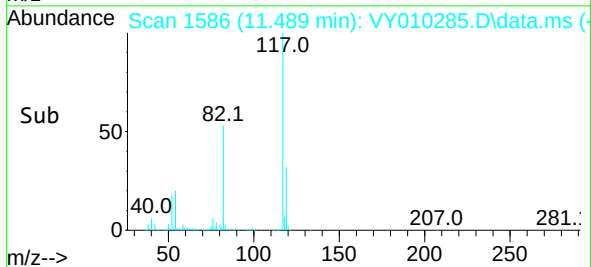
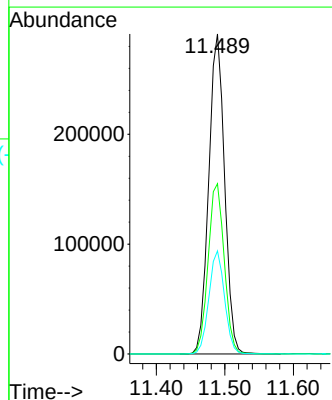
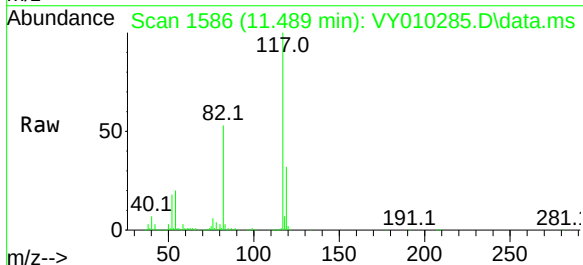
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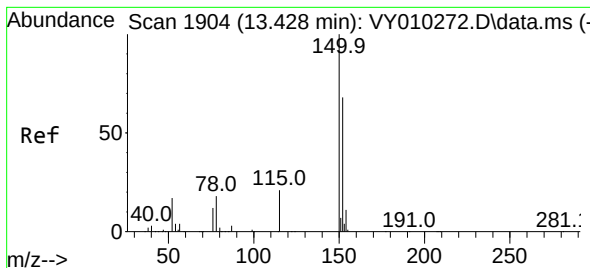
Tgt Ion: 95 Resp: 212963
Ion Ratio Lower Upper
95 100
174 82.7 0.0 177.0
176 79.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010285.D
Acq: 02 Sep 2022 17:41

Tgt Ion: 117 Resp: 468779
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.2 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY010285.D

Acq: 02 Sep 2022 17:41

Instrument :

MSVOA_Y

ClientSampleId :

EP-2

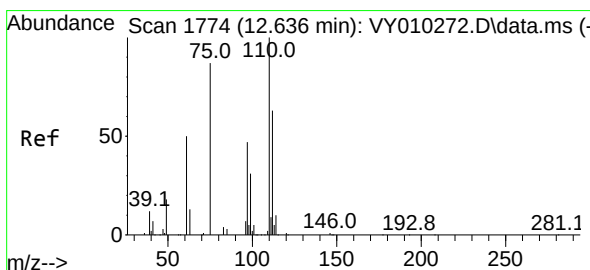
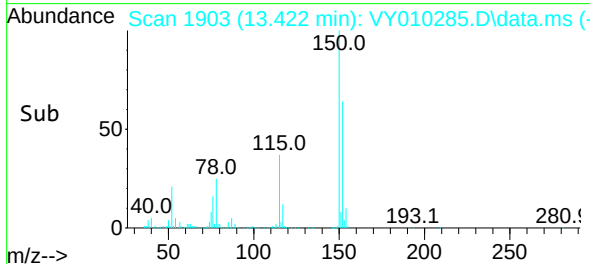
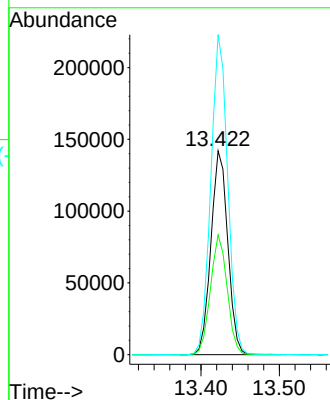
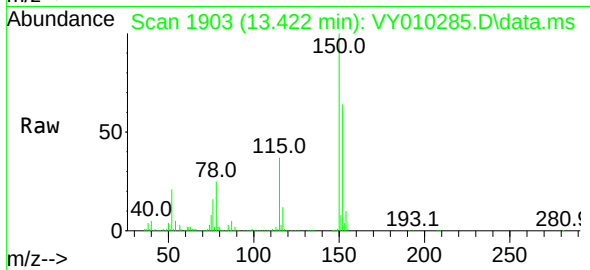
Tgt Ion:152 Resp: 212153

Ion Ratio Lower Upper

152 100

115 58.2 28.2 84.7

150 156.7 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 43.459 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY010285.D

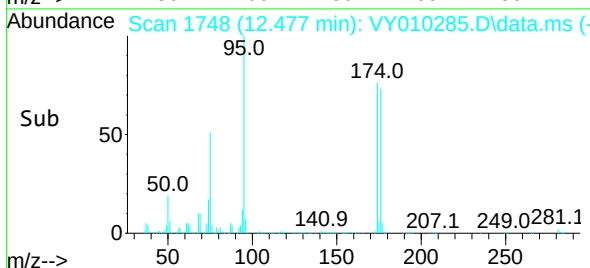
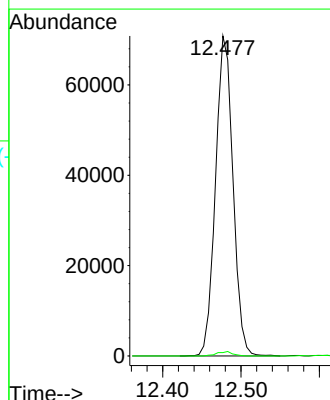
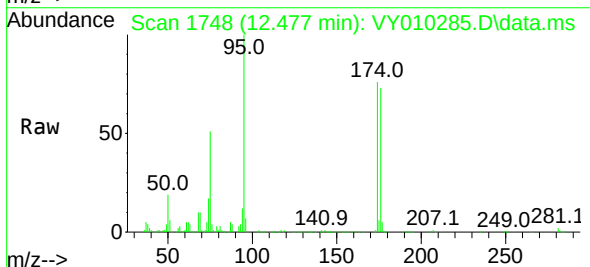
Acq: 02 Sep 2022 17:41

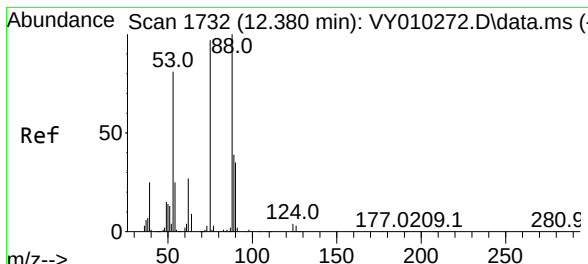
Tgt Ion: 75 Resp: 109722

Ion Ratio Lower Upper

75 100

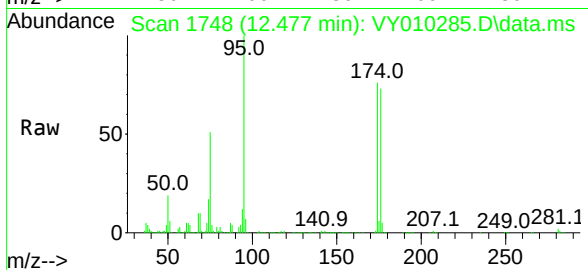
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.661 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010285.D
 Acq: 02 Sep 2022 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-2



Tgt Ion: 75 Resp: 109722
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

