

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
 Data File : VY009454.D
 Acq On : 06 Jul 2022 15:18
 Operator : KP/MD
 Sample : N3584-01
 Misc : 4.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26572

Quant Time: Jul 07 01:50:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	225948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	389280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	347687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	159966	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96800	53.488	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.980%
35) Dibromofluoromethane	7.710	113	88960	41.522	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.040%
50) Toluene-d8	10.173	98	336399	51.211	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	102.420%
62) 4-Bromofluorobenzene	12.477	95	115744	37.152	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	74.300%

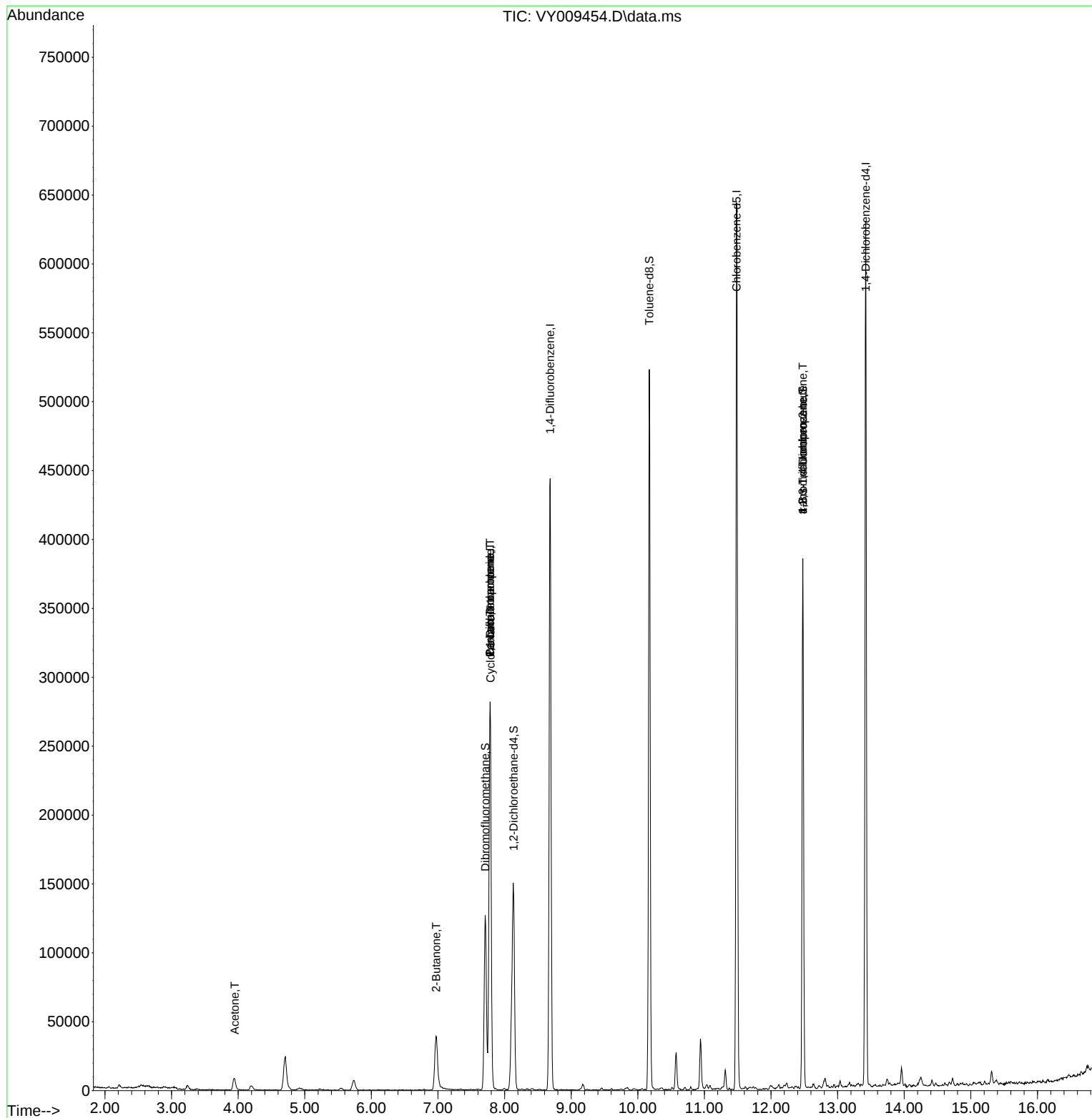
Target Compounds					Qvalue
11) Tert butyl alcohol	4.942	59	2125	Below Cal	# 82
16) Acetone	3.948	43	16096	27.081	ug/l 97
18) Methyl Acetate	4.454	43	151	Below Cal	# 56
20) Methylene Chloride	4.698	84	18056	Below Cal	# 78
25) 2-Butanone	6.972	43	2631	2.792	ug/l # 69
31) Cyclohexane	7.789	56	5160	1.268	ug/l # 16
36) 1,1-Dichloropropene	7.783	75	17366	4.636	ug/l # 51
38) Carbon Tetrachloride	7.783	117	20843	5.323	ug/l # 16
76) 1,2,3-Trichloropropane	12.477	75	58057	30.991	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.477	75	58057	69.001	ug/l # 7

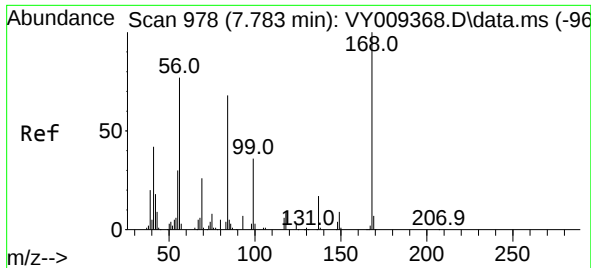
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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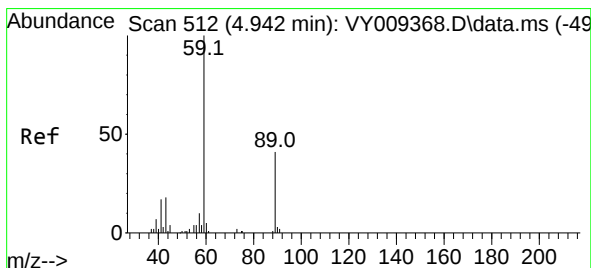
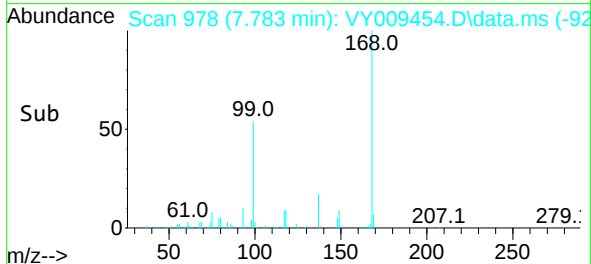
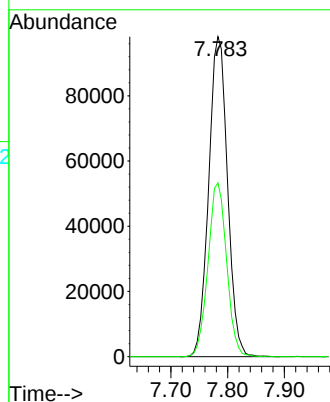
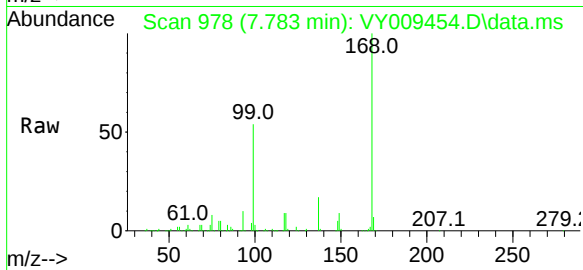




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009454.D
Acq: 06 Jul 2022 15:18

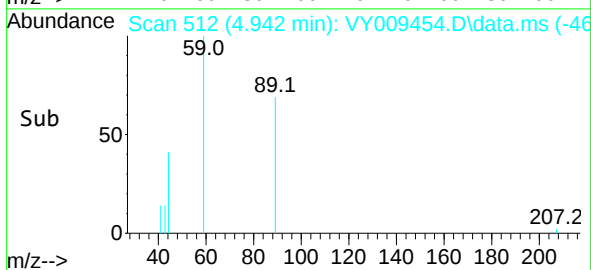
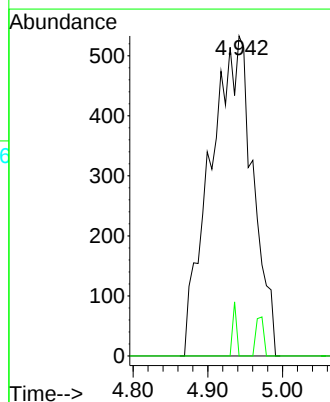
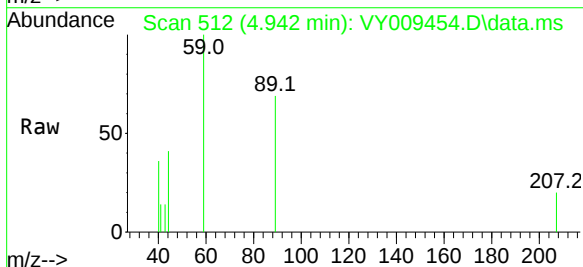
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26572

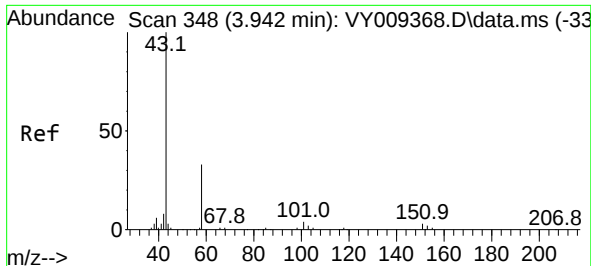
Tgt Ion:168 Resp: 225948
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY009454.D
Acq: 06 Jul 2022 15:18

Tgt Ion: 59 Resp: 2125
Ion Ratio Lower Upper
59 100
57 1.6 6.4 9.6#

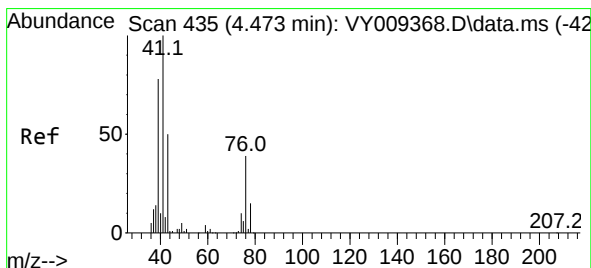
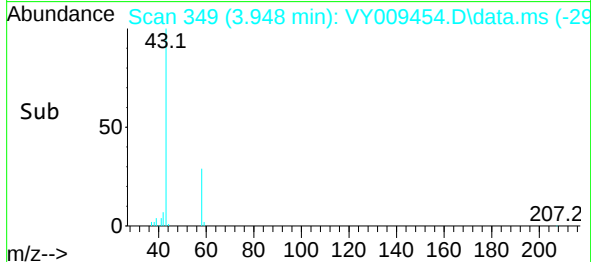
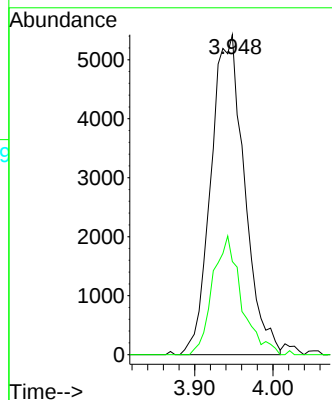
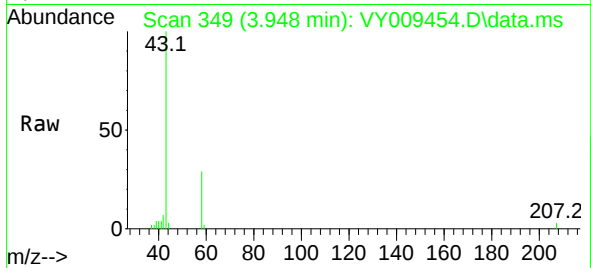




#16
Acetone
Concen: 27.081 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009454.D
Acq: 06 Jul 2022 15:18

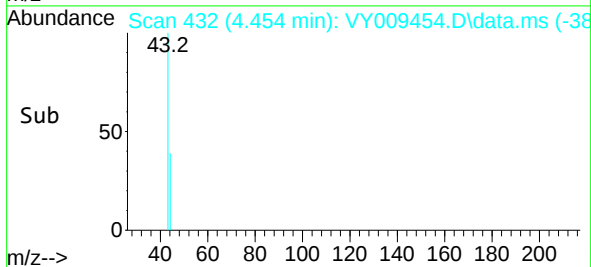
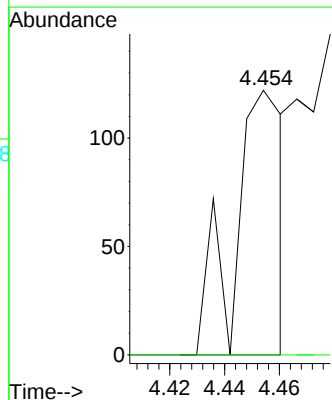
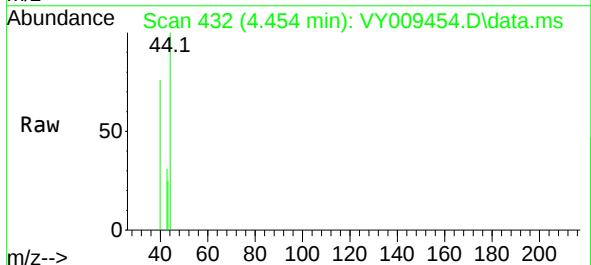
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26572

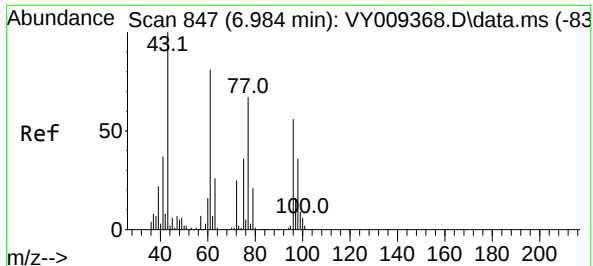
Tgt Ion: 43 Resp: 16096
Ion Ratio Lower Upper
43 100
58 29.1 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.454 min Scan# 432
Delta R.T. -0.019 min
Lab File: VY009454.D
Acq: 06 Jul 2022 15:18

Tgt Ion: 43 Resp: 151
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#25

2-Butanone

Concen: 2.792 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY009454.D

Acq: 06 Jul 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

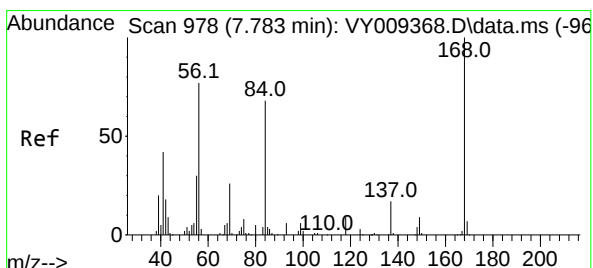
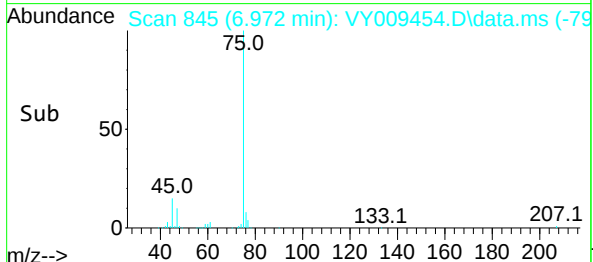
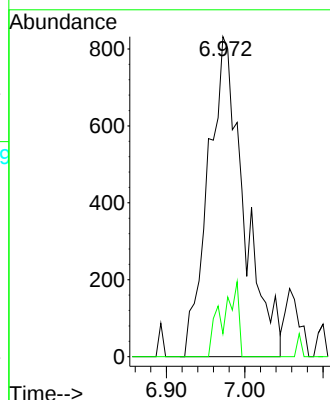
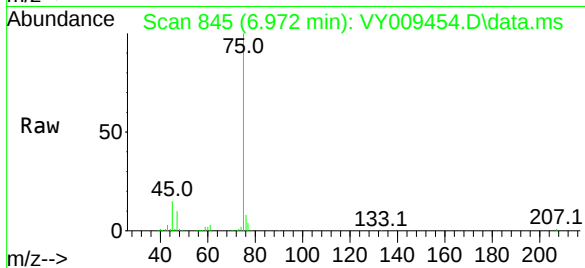
CHRT-26572

Tgt Ion: 43 Resp: 2631

Ion Ratio Lower Upper

43 100

72 7.2 17.7 26.5#



#31

Cyclohexane

Concen: 1.268 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY009454.D

Acq: 06 Jul 2022 15:18

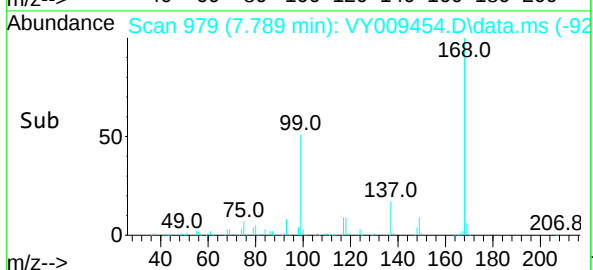
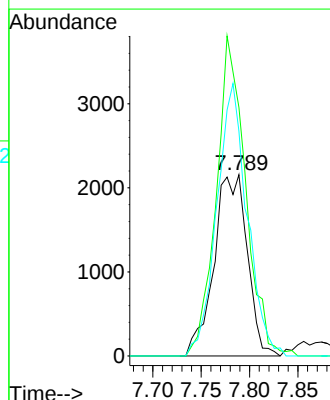
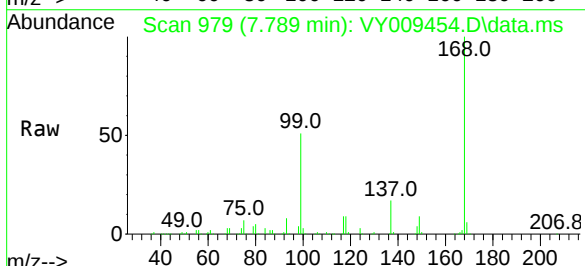
Tgt Ion: 56 Resp: 5160

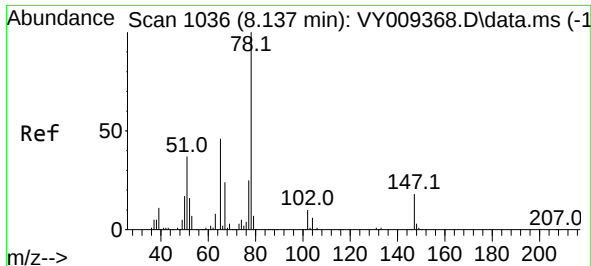
Ion Ratio Lower Upper

56 100

69 137.2 26.7 40.1#

84 124.0 67.2 100.8#

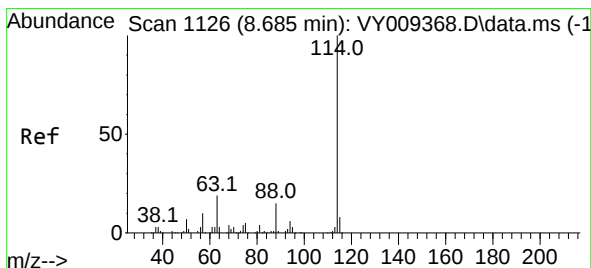
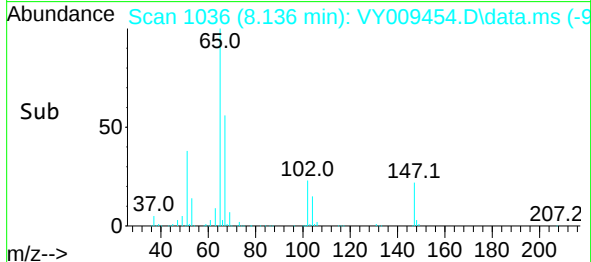
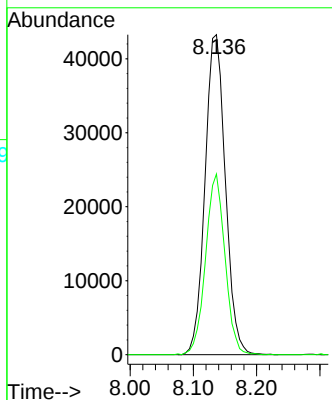
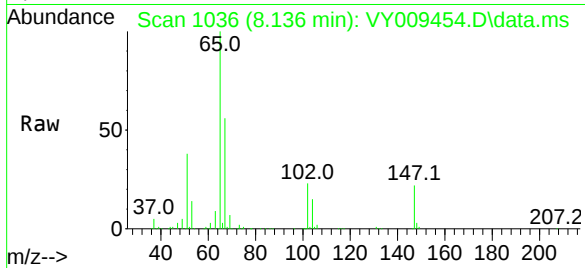




#33
 1,2-Dichloroethane-d4
 Concen: 53.488 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009454.D
 Acq: 06 Jul 2022 15:18

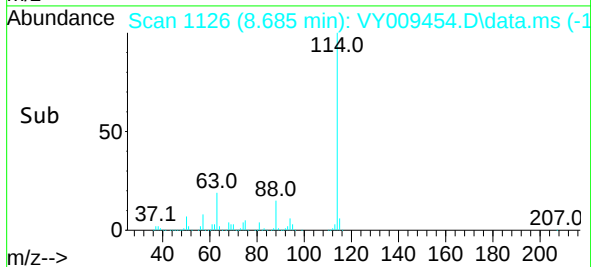
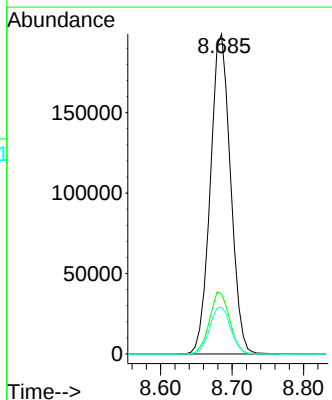
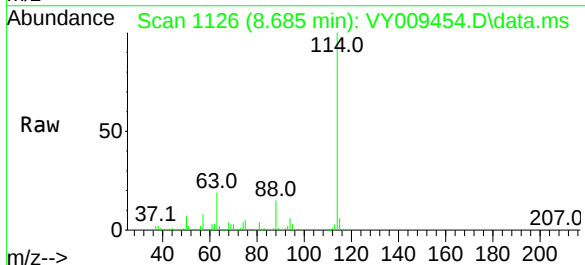
Instrument :
 MSVOA_Y
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 CHRT-26572

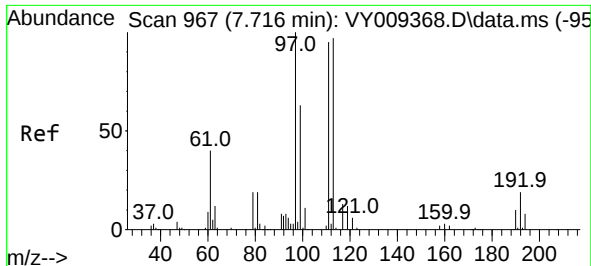
Tgt Ion: 65 Resp: 96800
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009454.D
 Acq: 06 Jul 2022 15:18

Tgt Ion: 114 Resp: 389280
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 43.2
 88 14.6 0.0 31.8

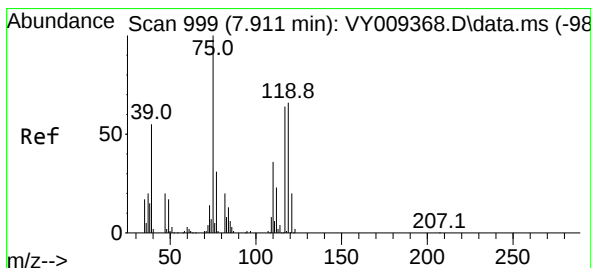
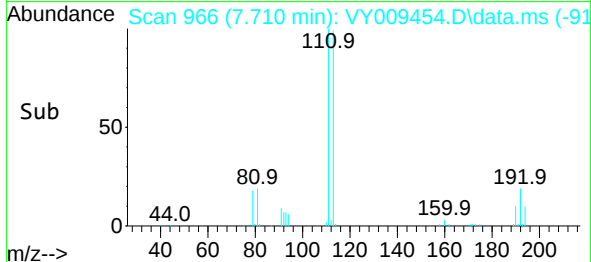
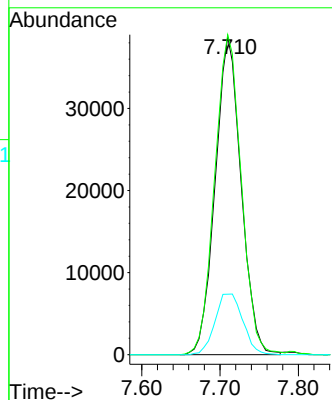
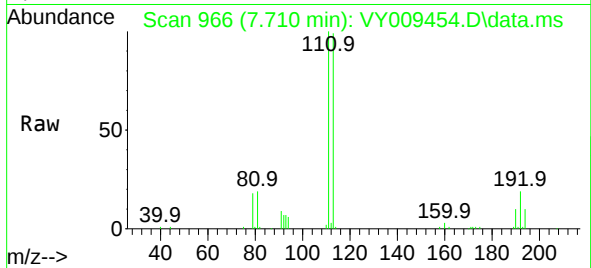




#35
Dibromofluoromethane
Concen: 41.522 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY009454.D
Acq: 06 Jul 2022 15:18

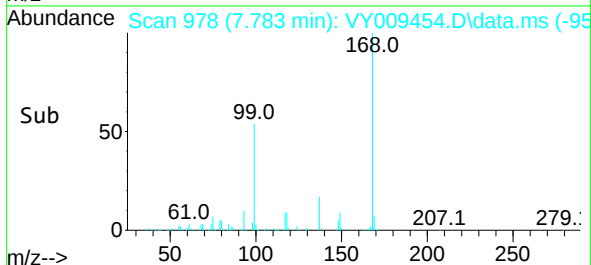
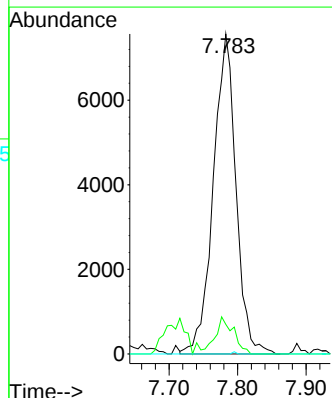
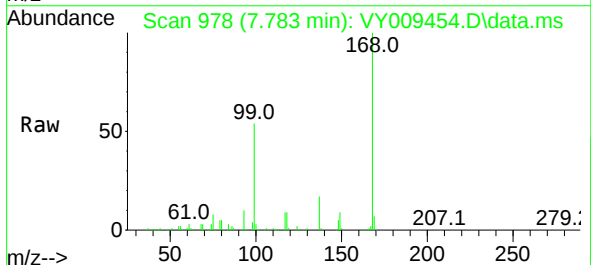
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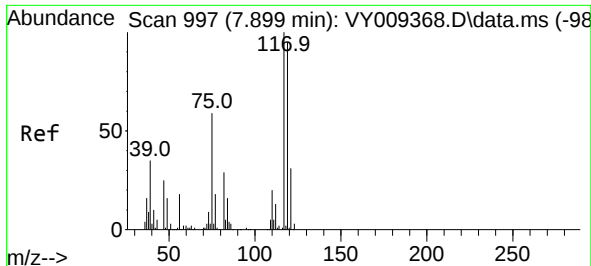
Tgt Ion:113 Resp: 88960
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 20.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.636 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009454.D
Acq: 06 Jul 2022 15:18

Tgt Ion: 75 Resp: 17366
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.1 24.4 36.6#

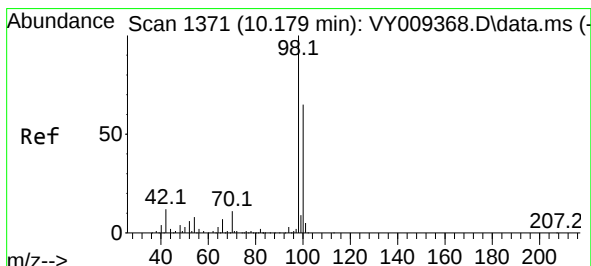
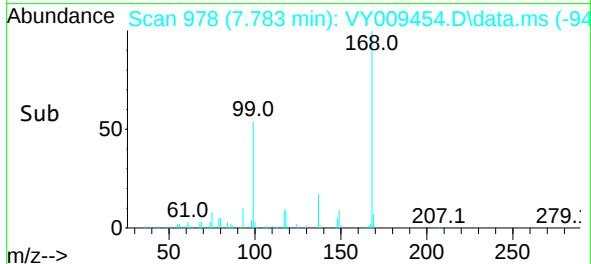
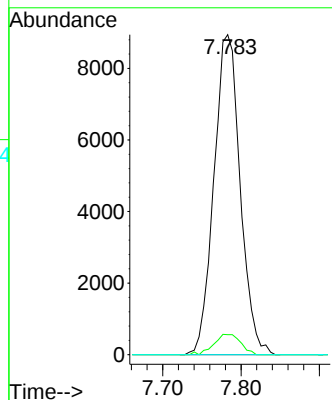
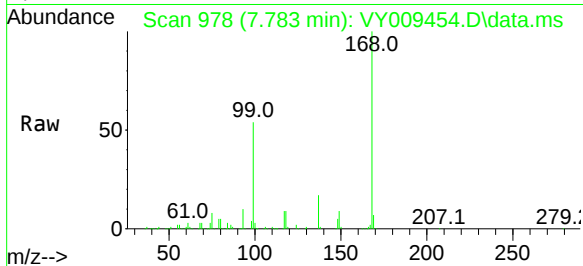




#38
Carbon Tetrachloride
Concen: 5.323 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009454.D
Acq: 06 Jul 2022 15:18

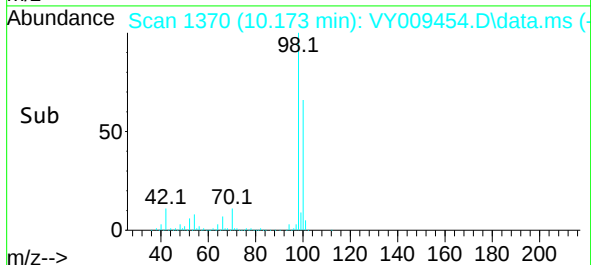
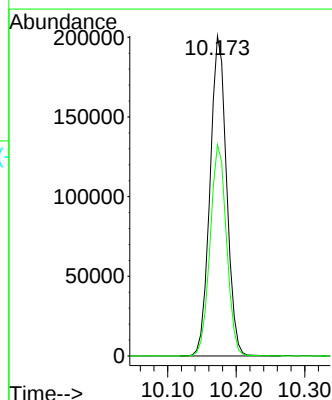
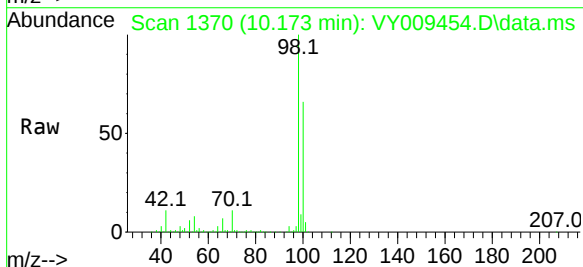
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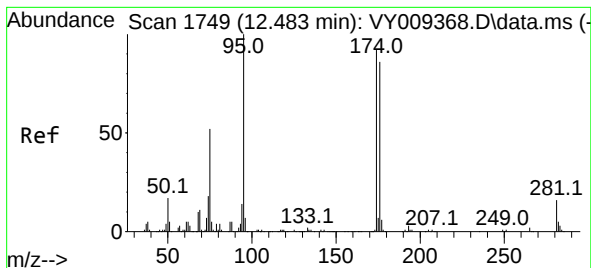
Tgt Ion:117 Resp: 20843
Ion Ratio Lower Upper
117 100
119 6.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.211 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009454.D
Acq: 06 Jul 2022 15:18

Tgt Ion: 98 Resp: 336399
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

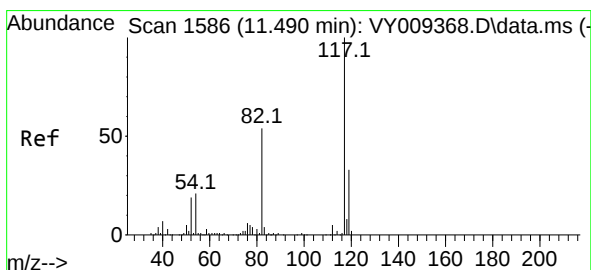
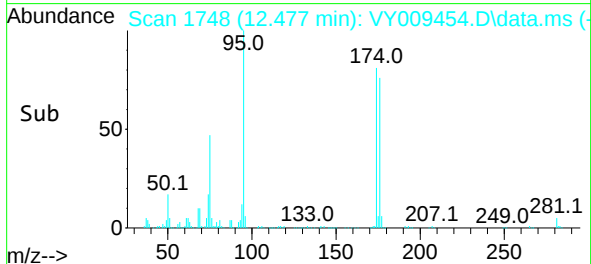
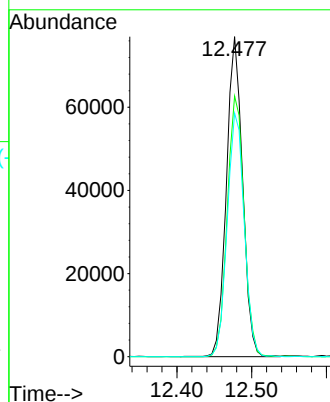
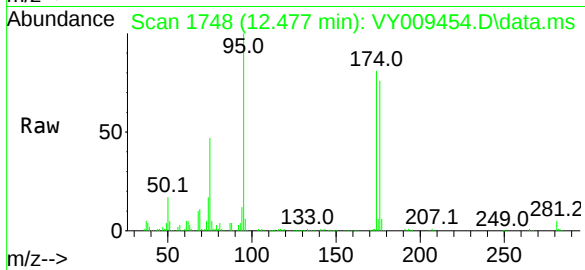




#62
4-Bromofluorobenzene
Concen: 37.152 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009454.D
Acq: 06 Jul 2022 15:18

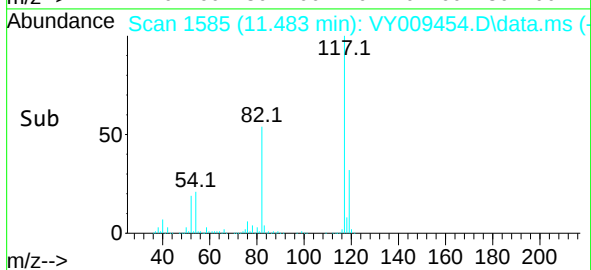
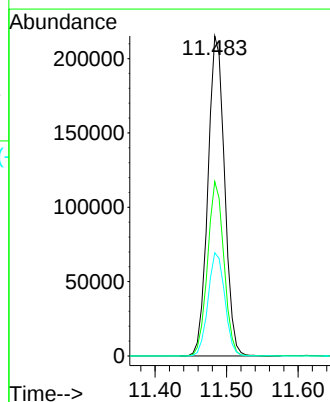
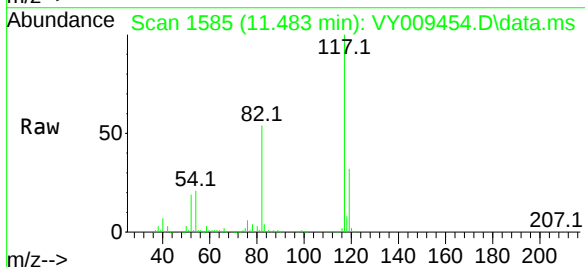
Instrument :
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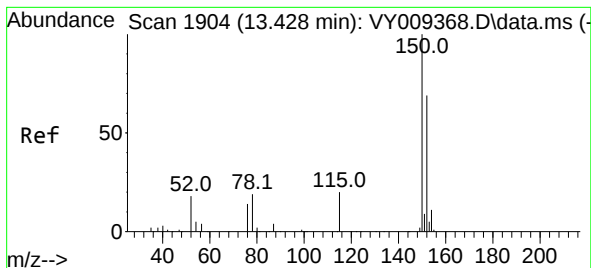
Tgt Ion: 95 Resp: 115744
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 79.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.007 min
Lab File: VY009454.D
Acq: 06 Jul 2022 15:18

Tgt Ion: 117 Resp: 347687
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY009454.D

Acq: 06 Jul 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-26572

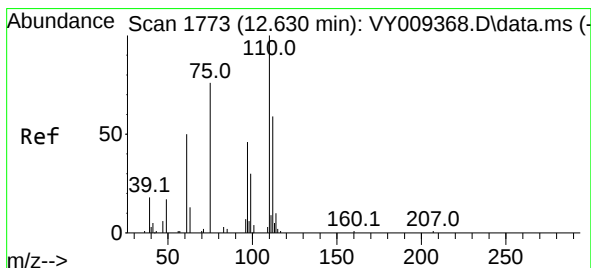
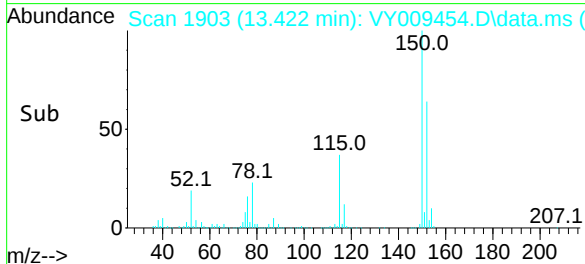
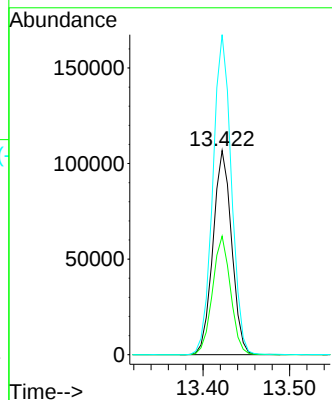
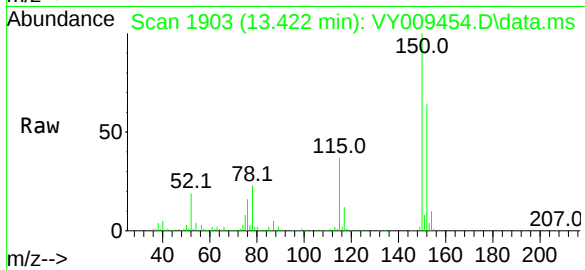
Tgt Ion:152 Resp: 159966

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 155.9 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 30.991 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY009454.D

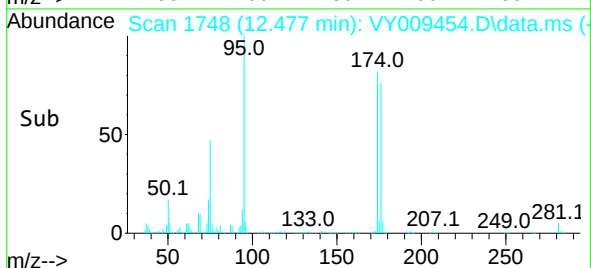
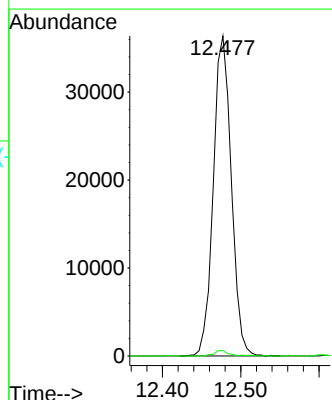
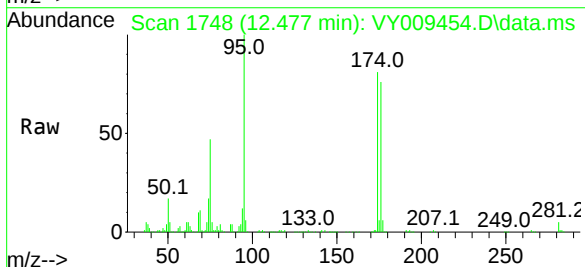
Acq: 06 Jul 2022 15:18

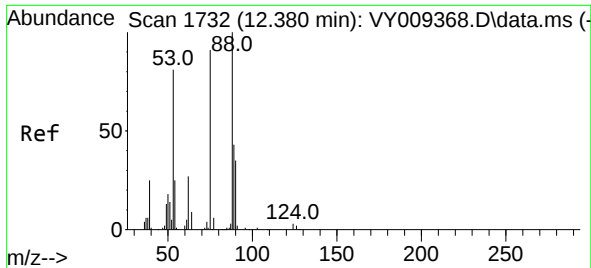
Tgt Ion: 75 Resp: 58057

Ion Ratio Lower Upper

75 100

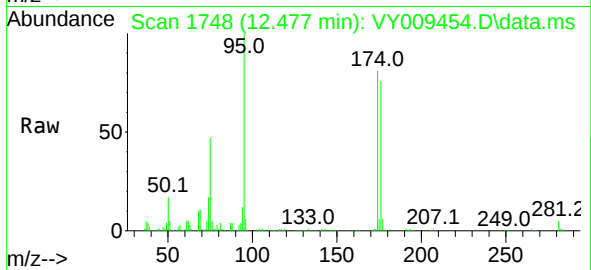
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.001 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009454.D
 Acq: 06 Jul 2022 15:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26572



Tgt Ion:	75	Resp:	58057
Ion	Ratio	Lower	Upper
75	100		
53	0.1	85.3	127.9#
89	0.2	37.0	55.4#

