

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070122\
 Data File : VY009425.D
 Acq On : 01 Jul 2022 16:17
 Operator : KP/MD
 Sample : N3556-01
 Misc : 4.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP-1

Quant Time: Jul 05 02:46:51 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)

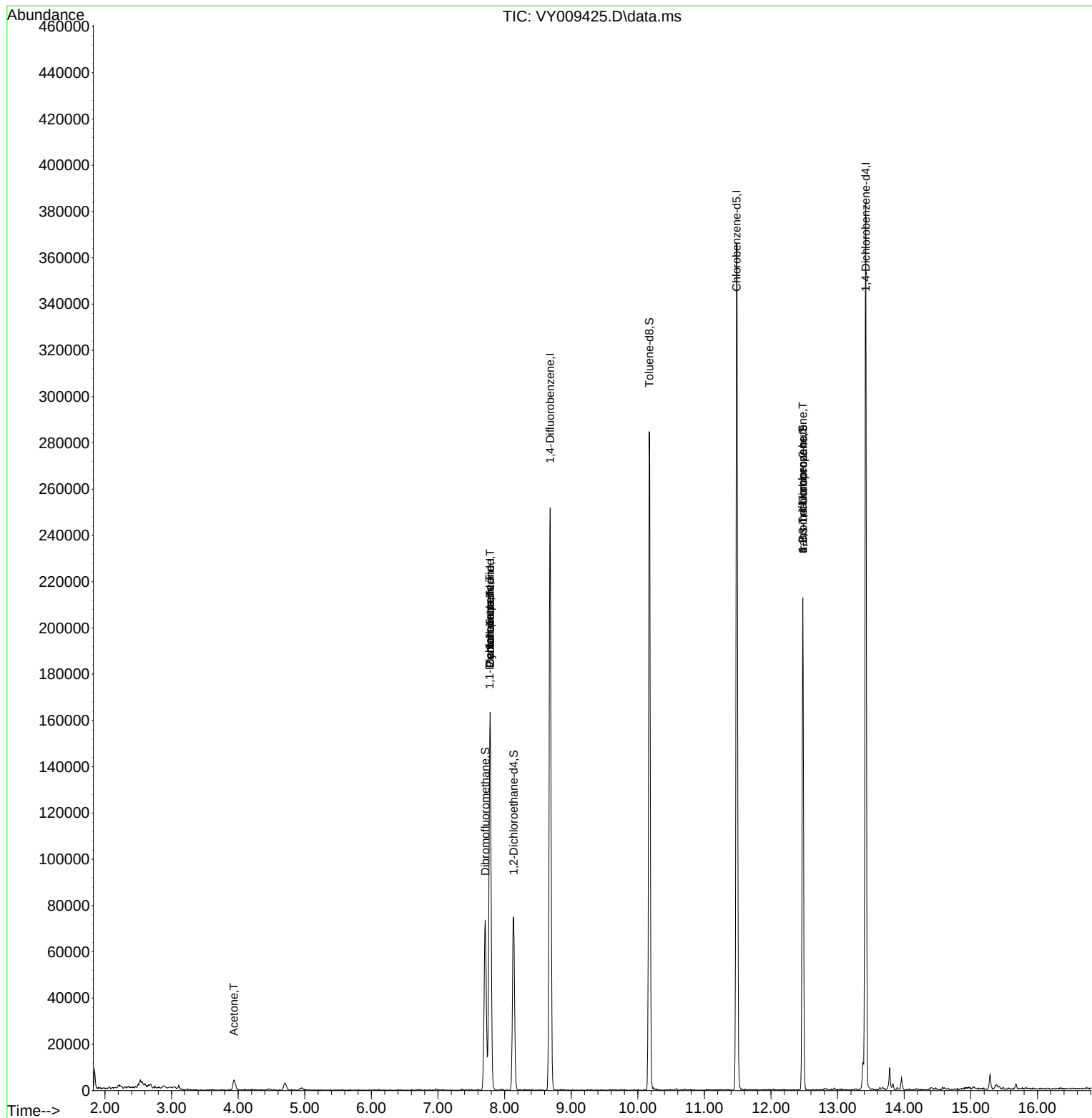
Internal Standards						
1) Pentafluorobenzene	7.783	168	126830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	211043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	198047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58099	57.192	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.380%
35) Dibromofluoromethane	7.710	113	49731	42.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.640%
50) Toluene-d8	10.173	98	183567	51.546	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.100%
62) 4-Bromofluorobenzene	12.477	95	58113	34.407	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	1822	Below Cal	#	81
16) Acetone	3.936	43	7817	23.430	ug/l #	89
18) Methyl Acetate	4.448	43	425	Below Cal	#	36
20) Methylene Chloride	4.710	84	2160	Below Cal	#	65
31) Cyclohexane	7.783	56	2643	1.157	ug/l #	2
36) 1,1-Dichloropropene	7.777	75	9441	4.649	ug/l #	52
38) Carbon Tetrachloride	7.783	117	12341	5.814	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	31851	29.638	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	31851	65.989	ug/l #	7

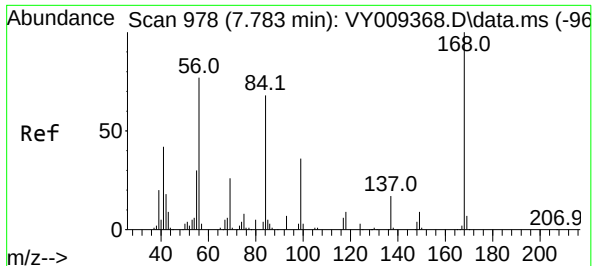
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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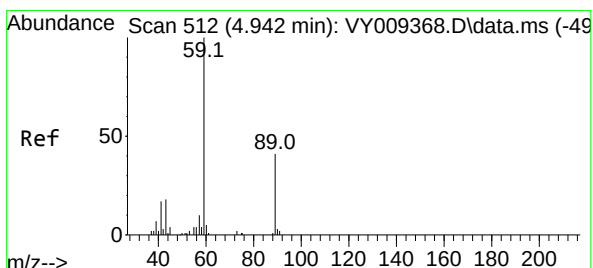
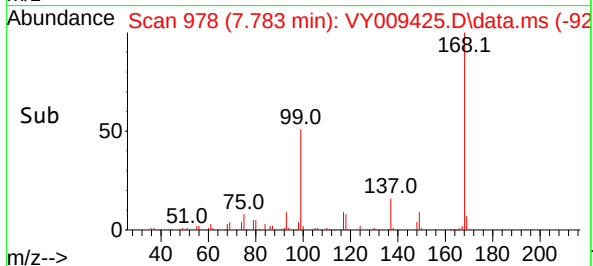
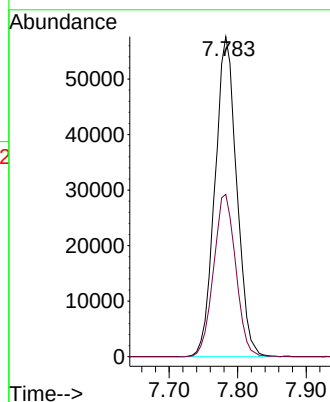
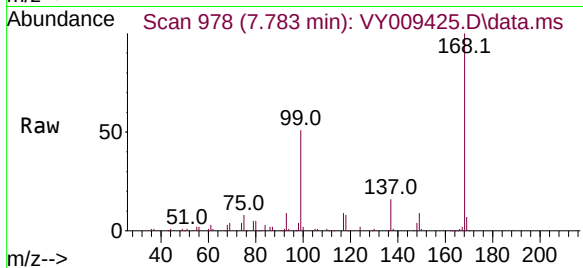




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009425.D
Acq: 01 Jul 2022 16:17

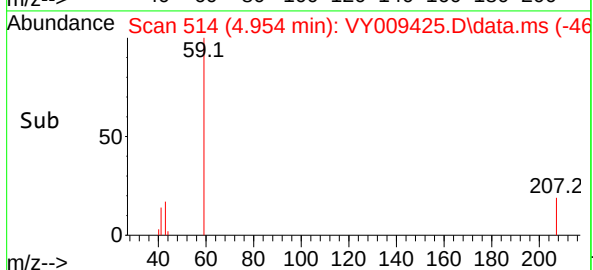
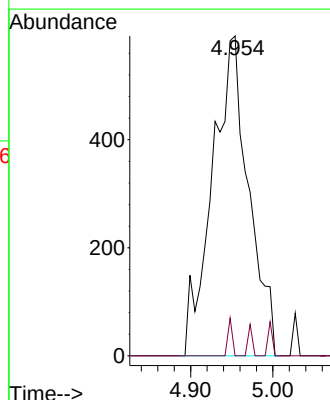
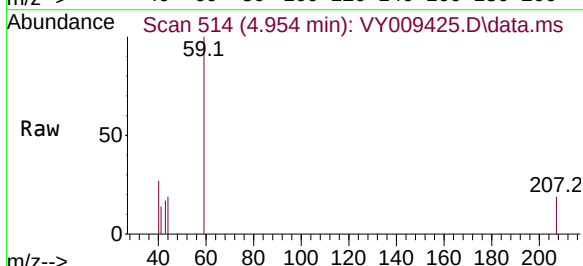
Instrument :
MSVOA_Y
ClientSampleId :
WP-1

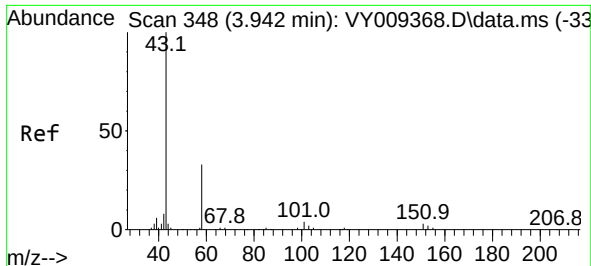
Tgt Ion:168 Resp: 126830
Ion Ratio Lower Upper
168 100
99 50.8 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY009425.D
Acq: 01 Jul 2022 16:17

Tgt Ion: 59 Resp: 1822
Ion Ratio Lower Upper
59 100
57 1.4 6.4 9.6#

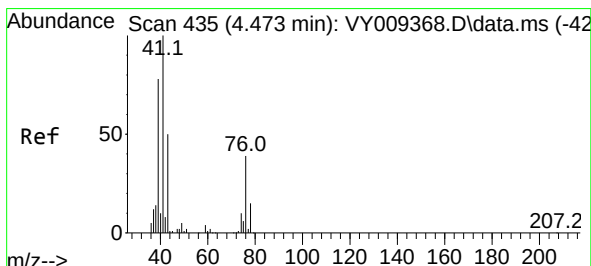
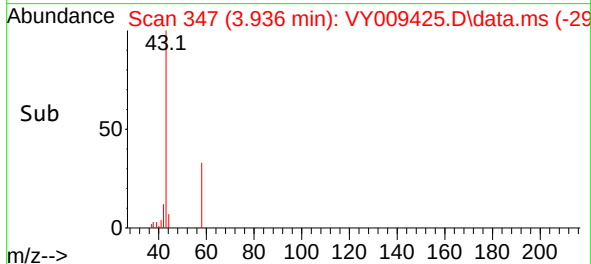
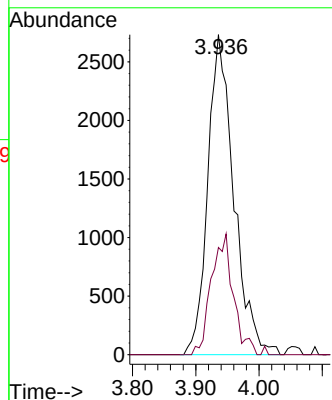
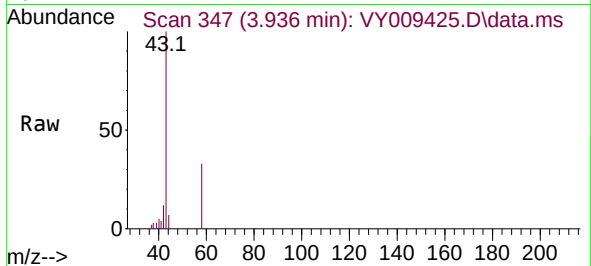




#16
Acetone
Concen: 23.430 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009425.D
Acq: 01 Jul 2022 16:17

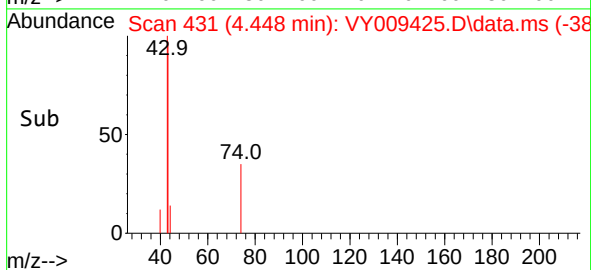
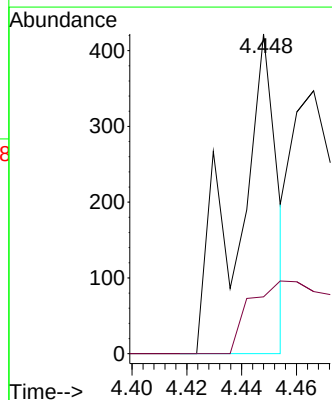
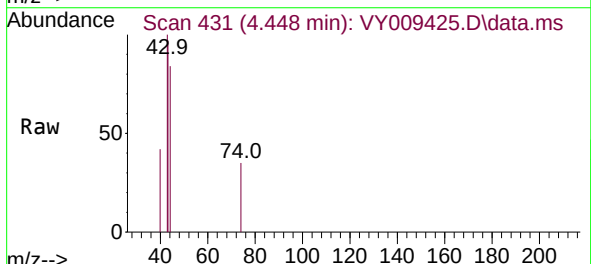
Instrument :
MSVOA_Y
ClientSampleId :
WP-1

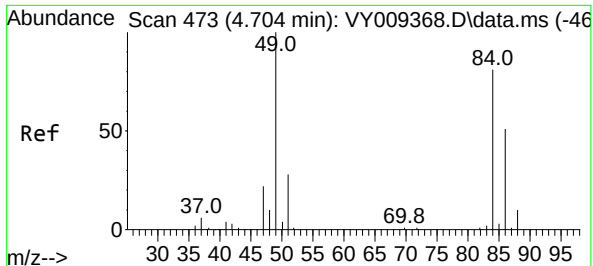
Tgt Ion: 43 Resp: 7817
Ion Ratio Lower Upper
43 100
58 33.5 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.448 min Scan# 431
Delta R.T. -0.025 min
Lab File: VY009425.D
Acq: 01 Jul 2022 16:17

Tgt Ion: 43 Resp: 425
Ion Ratio Lower Upper
43 100
74 50.4 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY009425.D

Acq: 01 Jul 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

WP-1

Tgt Ion: 84 Resp: 2160

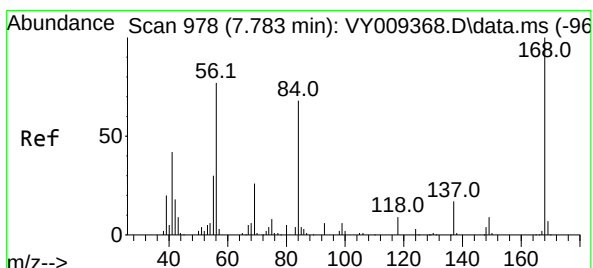
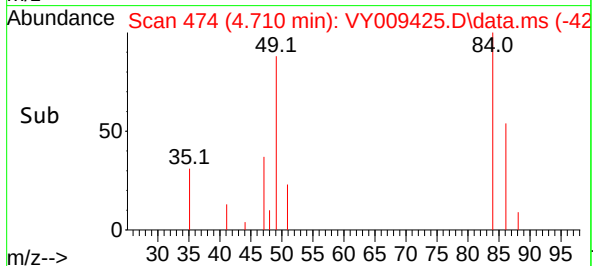
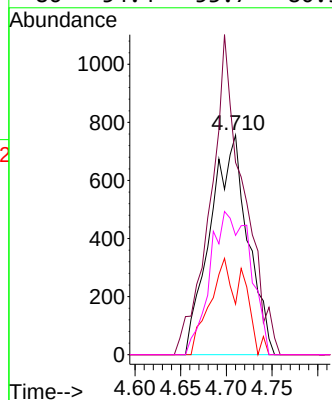
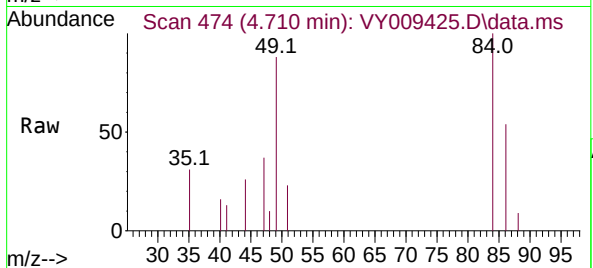
Ion Ratio Lower Upper

84 100

49 87.6 114.4 171.6#

51 23.0 35.3 52.9#

86 54.4 53.7 80.5



#31

Cyclohexane

Concen: 1.157 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY009425.D

Acq: 01 Jul 2022 16:17

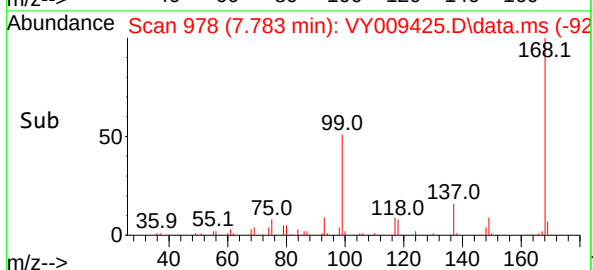
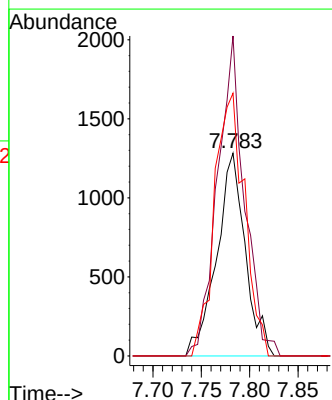
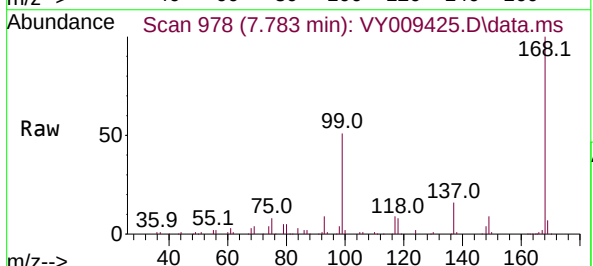
Tgt Ion: 56 Resp: 2643

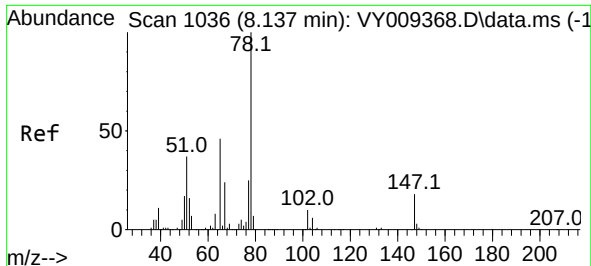
Ion Ratio Lower Upper

56 100

69 157.9 26.7 40.1#

84 129.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.192 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY009425.D

Acq: 01 Jul 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

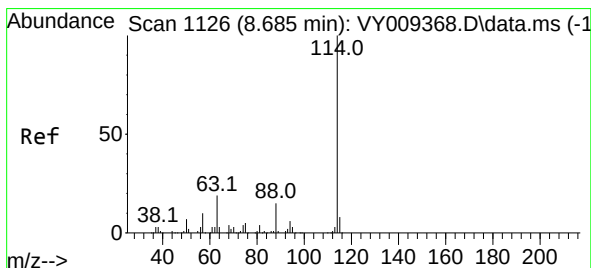
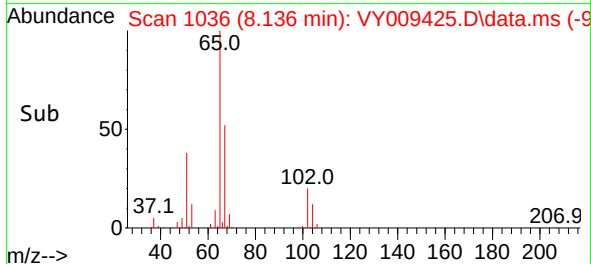
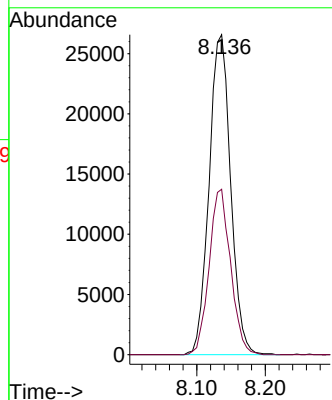
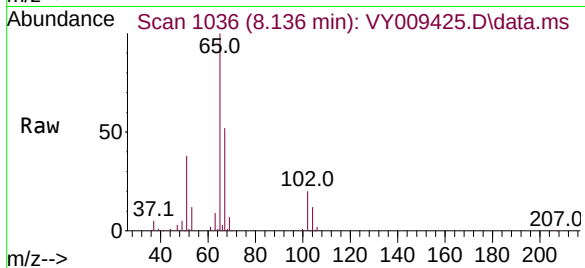
WP-1

Tgt Ion: 65 Resp: 58099

Ion Ratio Lower Upper

65 100

67 51.4 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: VY009425.D

Acq: 01 Jul 2022 16:17

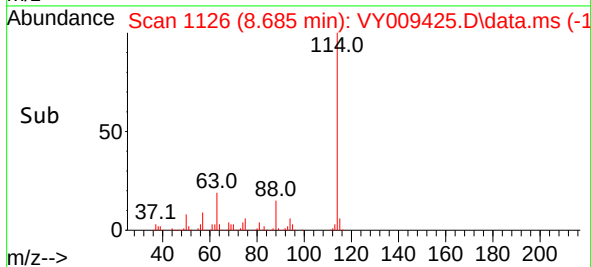
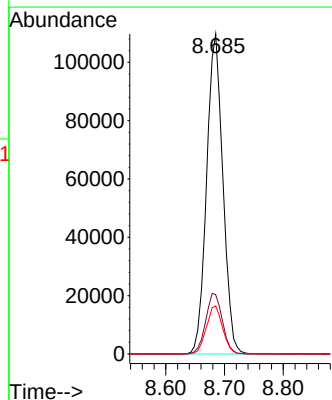
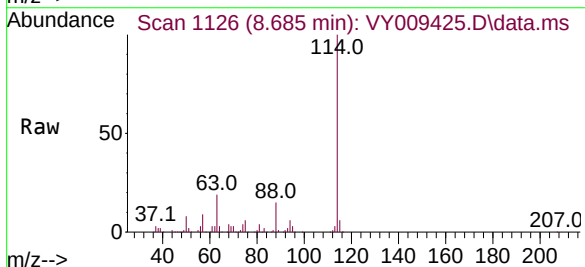
Tgt Ion: 114 Resp: 211043

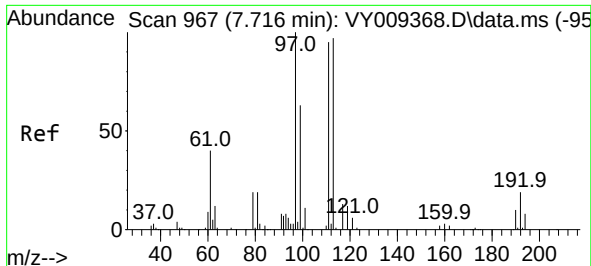
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 15.0 0.0 31.8

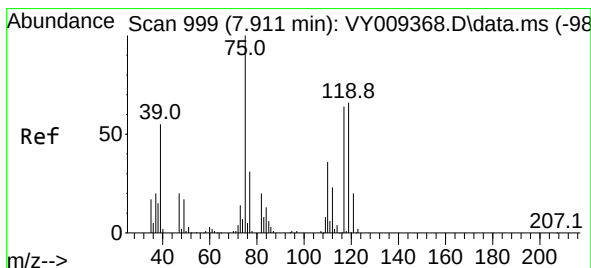
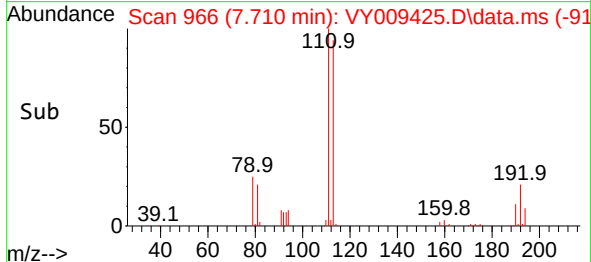
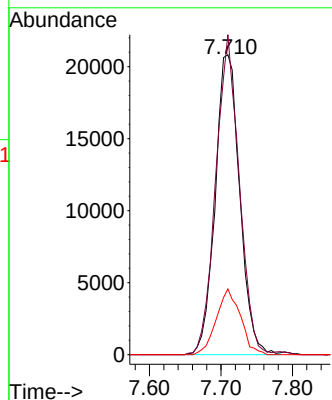
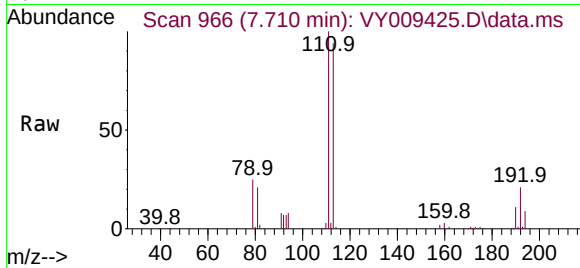




#35
 Dibromofluoromethane
 Concen: 42.815 ug/l
 RT: 7.710 min Scan# 910
 Delta R.T. -0.000 min
 Lab File: VY009425.D
 Acq: 01 Jul 2022 16:17

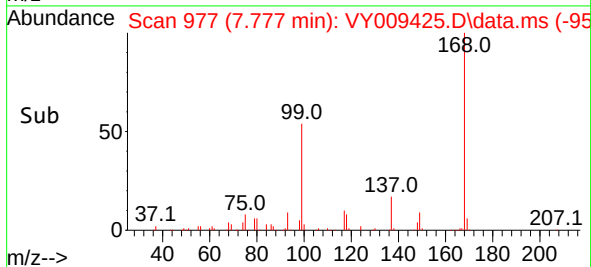
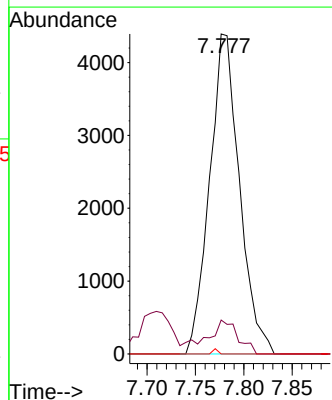
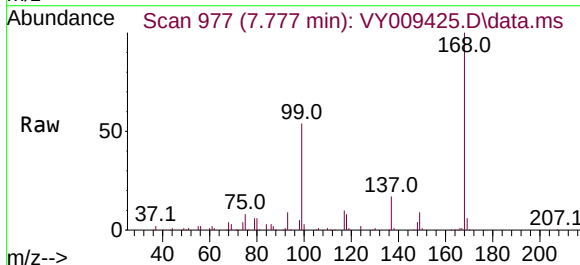
Instrument :
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 ClientSampleId :
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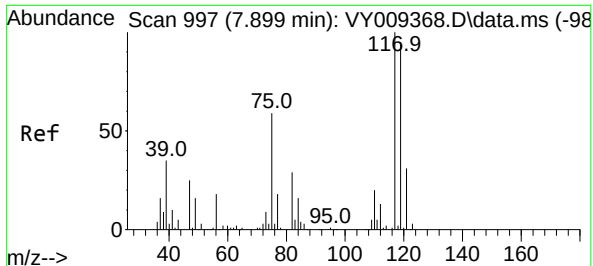
Tgt Ion:113 Resp: 49731
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.6 124.0
 192 21.5 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 4.649 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. -0.134 min
 Lab File: VY009425.D
 Acq: 01 Jul 2022 16:17

Tgt Ion: 75 Resp: 9441
 Ion Ratio Lower Upper
 75 100
 110 10.7 17.1 51.2#
 77 0.3 24.4 36.6#

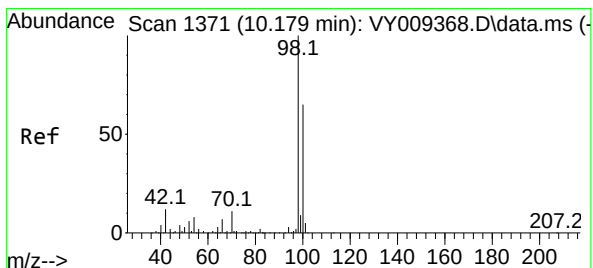
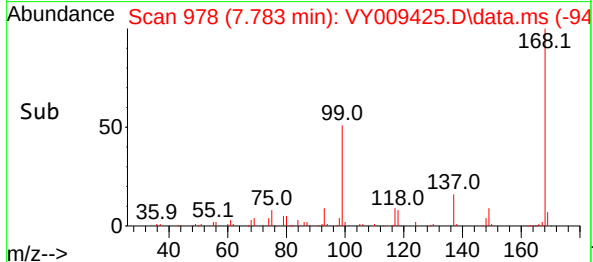
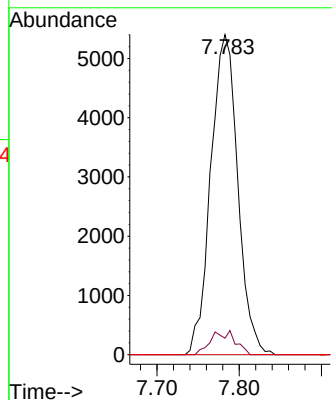
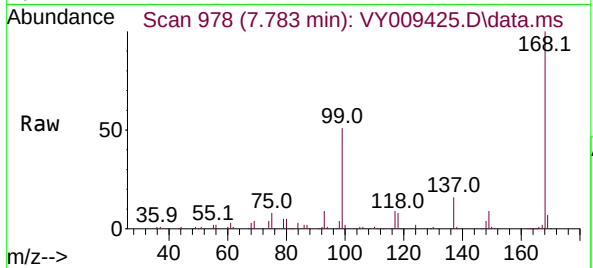




#38
Carbon Tetrachloride
Concen: 5.814 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009425.D
Acq: 01 Jul 2022 16:17

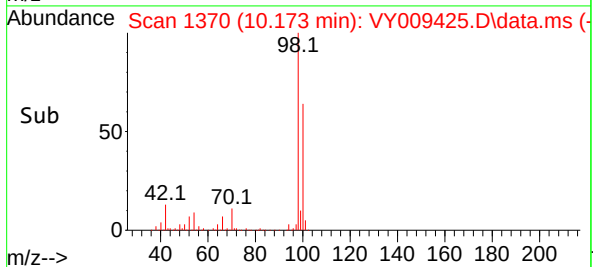
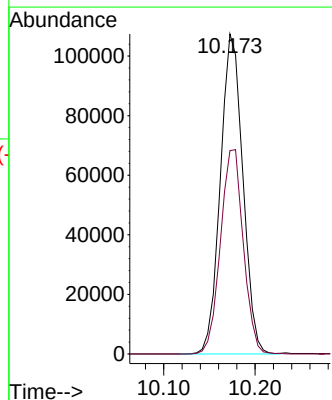
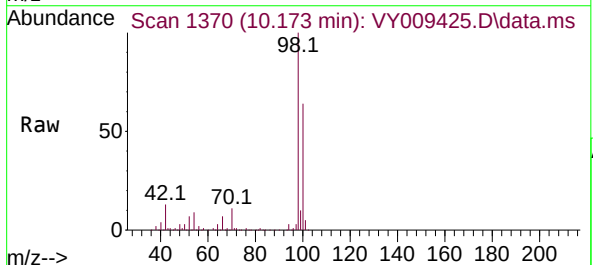
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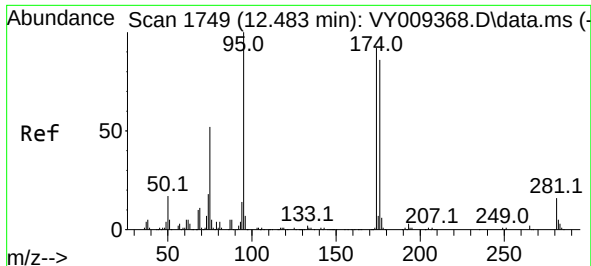
Tgt Ion:117 Resp: 12341
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.546 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009425.D
Acq: 01 Jul 2022 16:17

Tgt Ion: 98 Resp: 183567
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 34.407 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009425.D

Acq: 01 Jul 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

WP-1

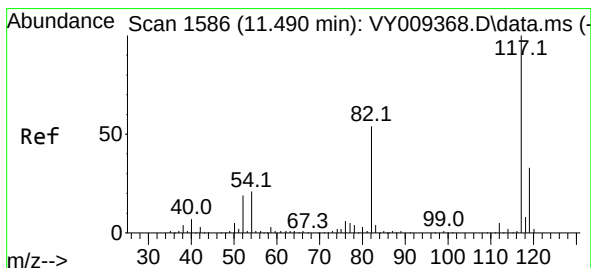
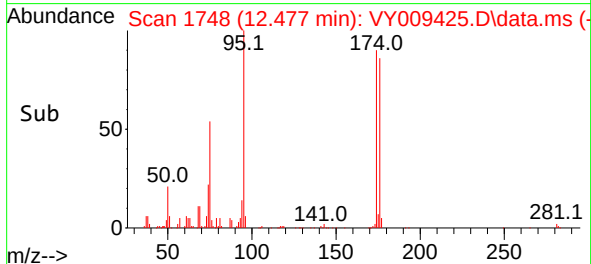
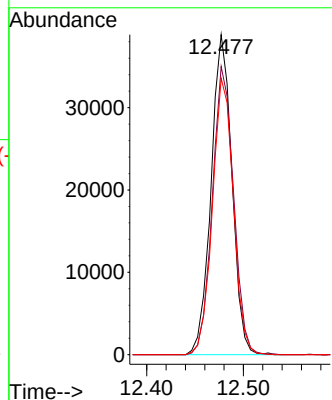
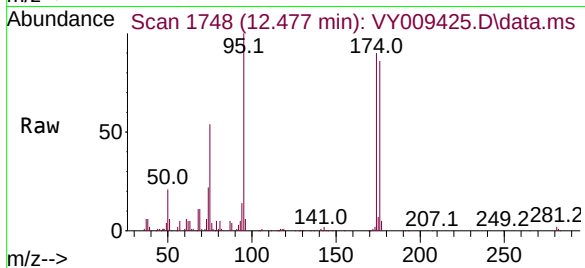
Tgt Ion: 95 Resp: 58113

Ion Ratio Lower Upper

95 100

174 91.6 0.0 177.0

176 86.7 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: VY009425.D

Acq: 01 Jul 2022 16:17

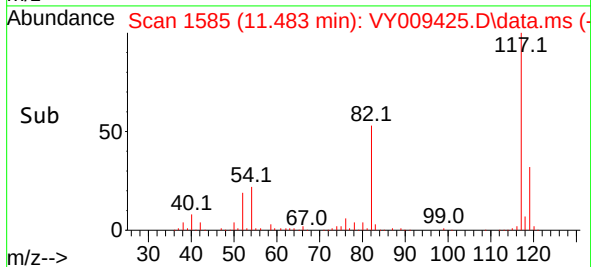
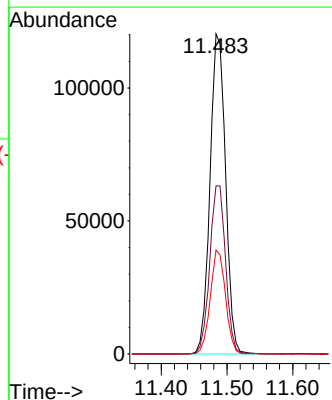
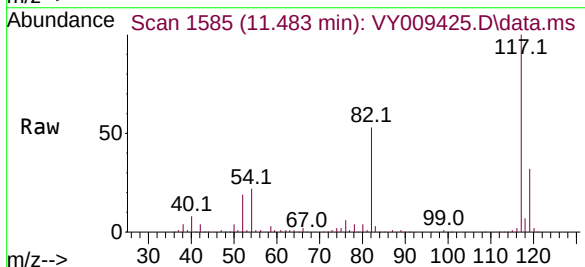
Tgt Ion: 117 Resp: 198047

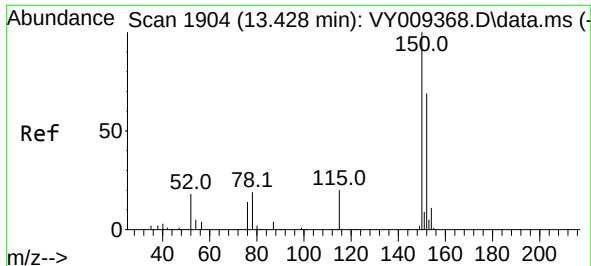
Ion Ratio Lower Upper

117 100

82 52.5 43.0 64.4

119 32.5 25.4 38.0

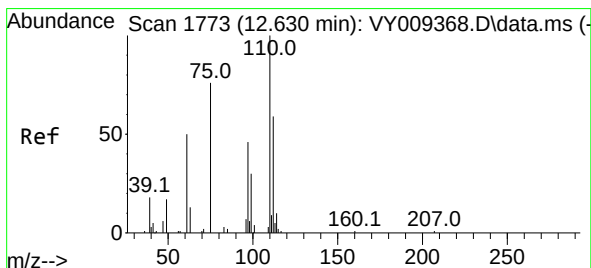
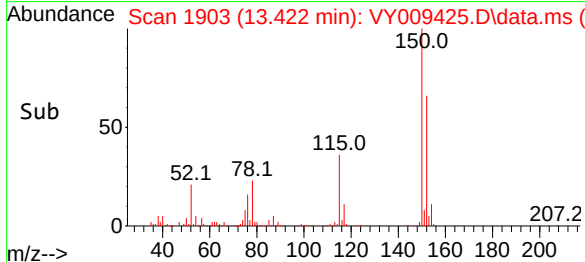
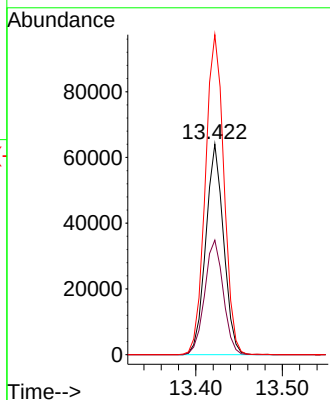
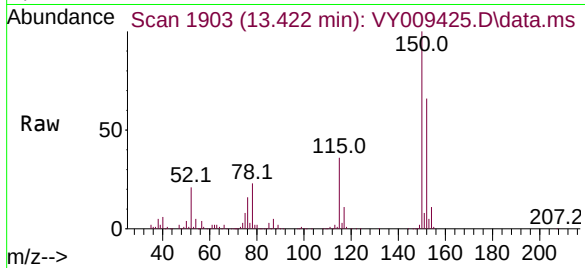




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY009425.D
 Acq: 01 Jul 2022 16:17

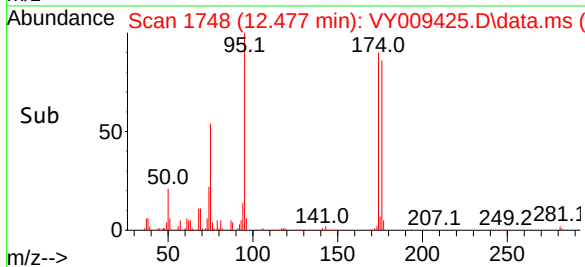
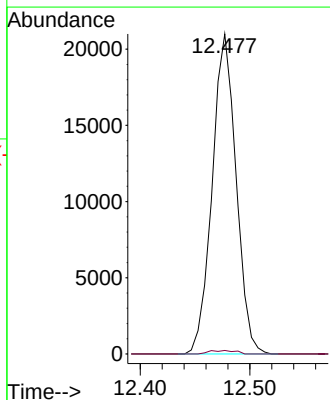
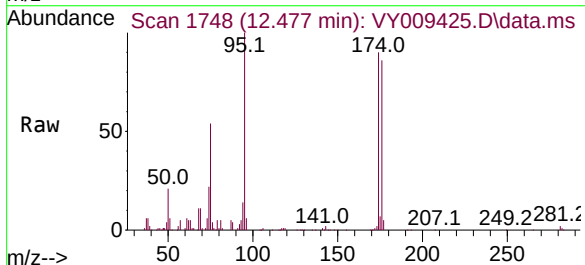
Instrument :
 MSVOA_Y
 ClientSampleId :
 WP-1

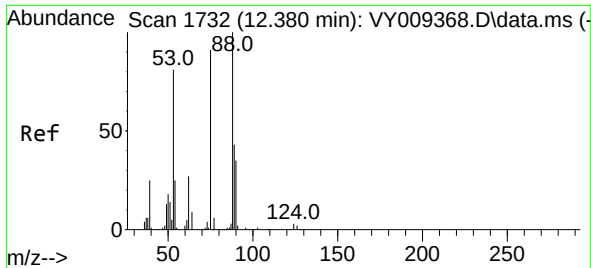
Tgt Ion:152 Resp: 91766
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.2 84.7
 150 158.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 29.638 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009425.D
 Acq: 01 Jul 2022 16:17

Tgt Ion: 75 Resp: 31851
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.989 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009425.D
 Acq: 01 Jul 2022 16:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP-1

Tgt Ion: 75 Resp: 31851
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

