

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017232.D
 Acq On : 05 Feb 2024 16:27
 Operator : SY/MD
 Sample : P1362-07
 Misc : 5.48g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-VOC

Quant Time: Feb 06 01:01:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

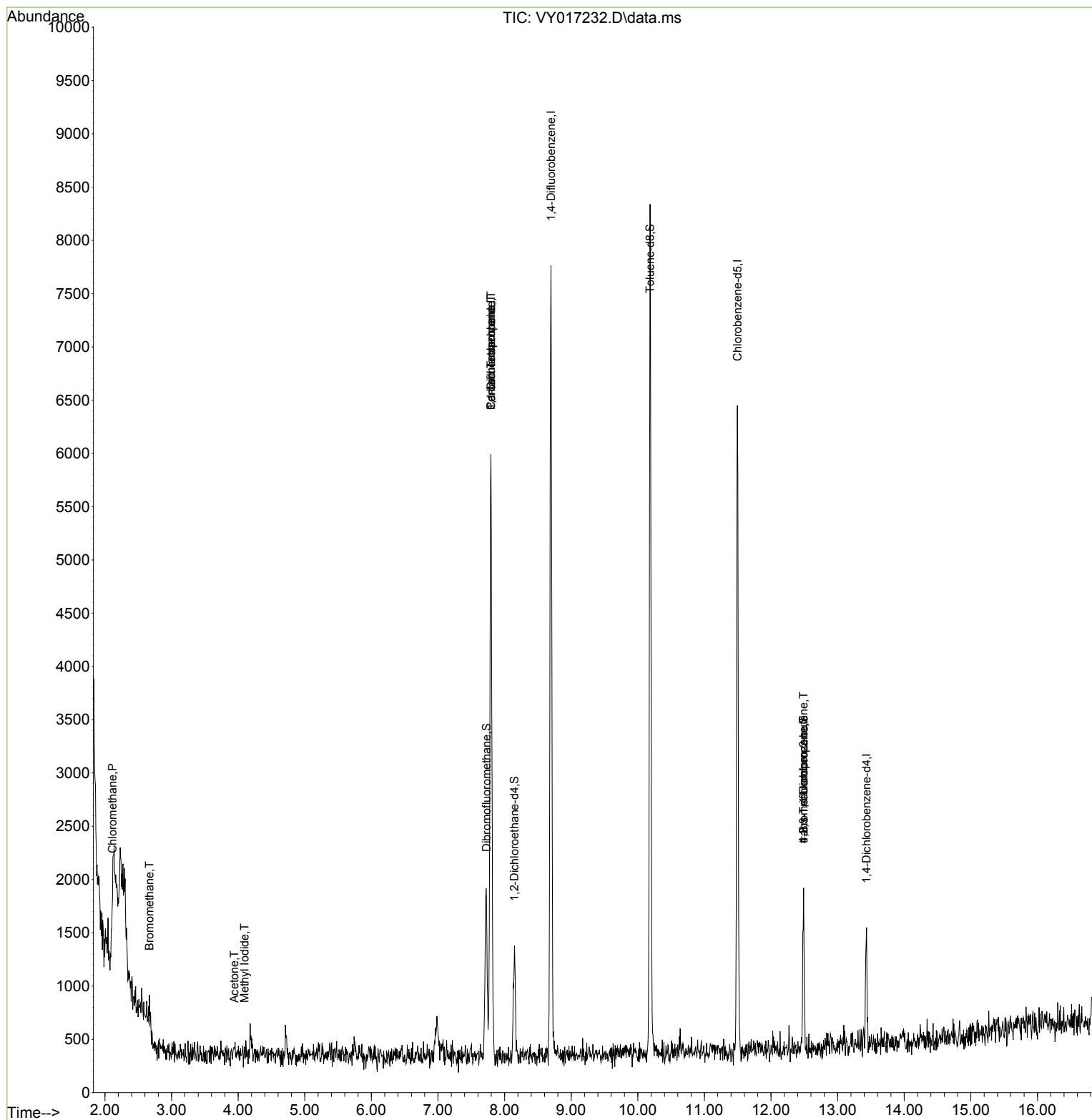
Internal Standards						
1) Pentafluorobenzene	7.795	168	4885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	6594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	3866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	931	21.334	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	42.660%#
35) Dibromofluoromethane	7.728	113	1280	35.952	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	71.900%
50) Toluene-d8	10.185	98	5400	41.657	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.320%
62) 4-Bromofluorobenzene	12.489	95	545	12.834	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	25.660%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	72	1.082	ug/l #	41
5) Bromomethane	2.668	94	78	1.388	ug/l #	1
10) Methyl Iodide	4.094	142	60	1.129	ug/l #	40
16) Acetone	3.942	43	108	8.420	ug/l #	41
20) Methylene Chloride	4.740	84	74	Below Cal	#	7
36) 1,1-Dichloropropene	7.795	75	342	5.569	ug/l #	42
38) Carbon Tetrachloride	7.795	117	447	7.602	ug/l #	12
76) 1,2,3-Trichloropropane	12.489	75	350	97.986	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	350	203.601	ug/l #	12

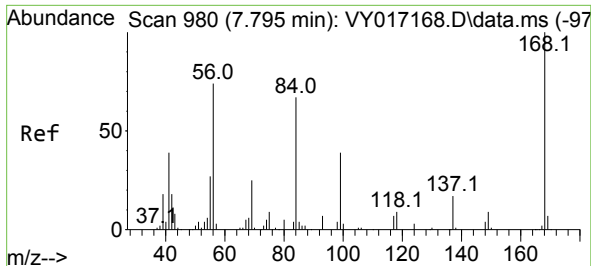
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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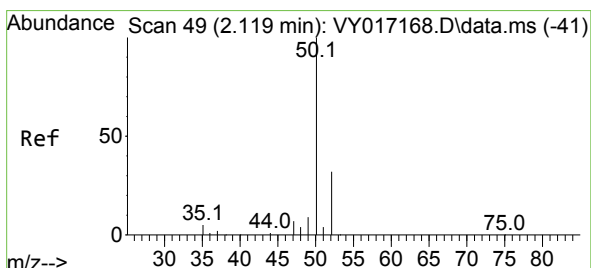
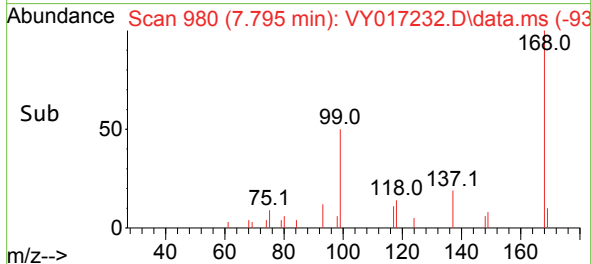
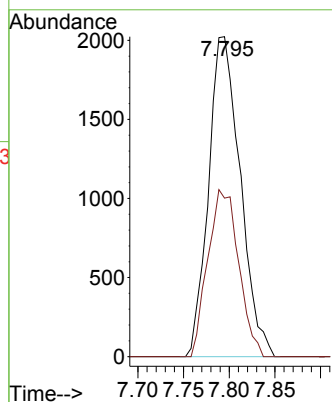
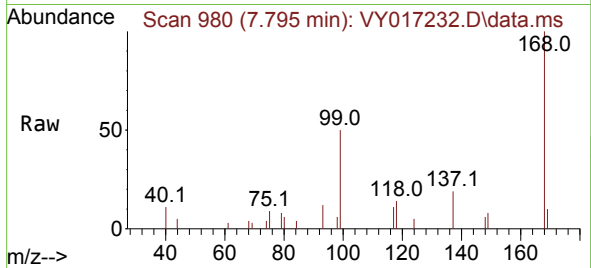




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017232.D
Acq: 05 Feb 2024 16:27

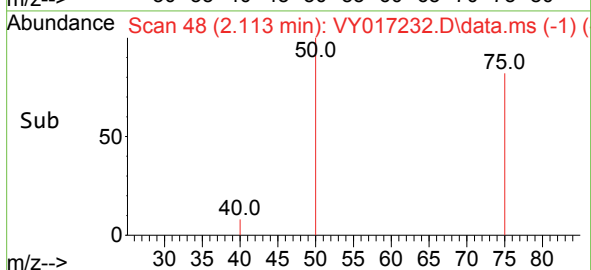
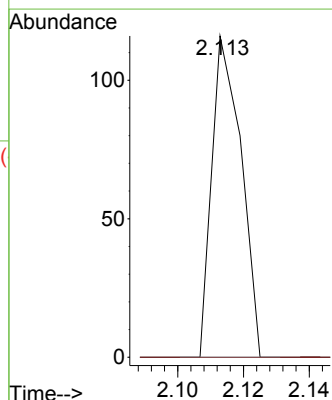
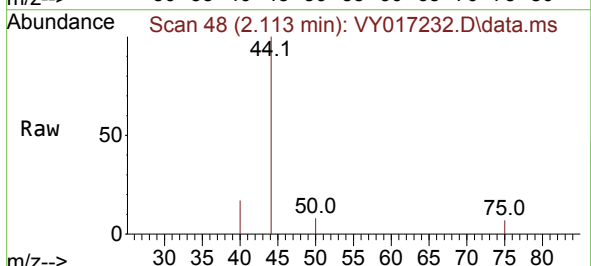
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

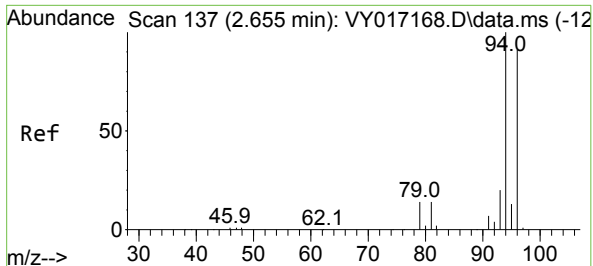
Tgt Ion:168 Resp: 4885
Ion Ratio Lower Upper
168 100
99 49.5 44.2 66.4



#3
Chloromethane
Concen: 1.082 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY017232.D
Acq: 05 Feb 2024 16:27

Tgt Ion: 50 Resp: 72
Ion Ratio Lower Upper
50 100
52 0.0 26.7 40.1#

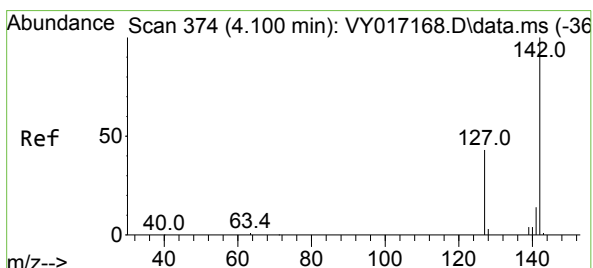
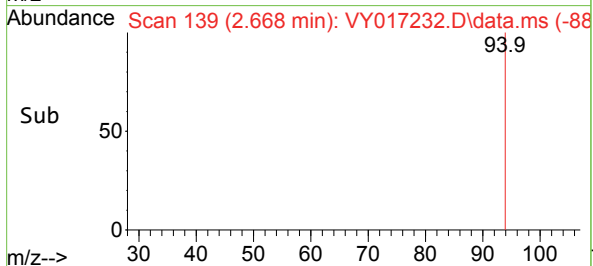
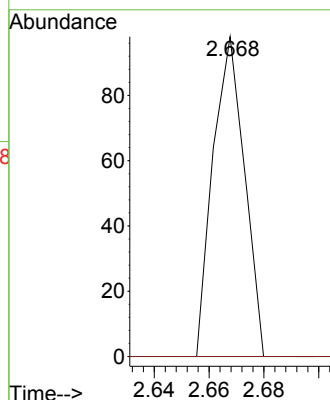
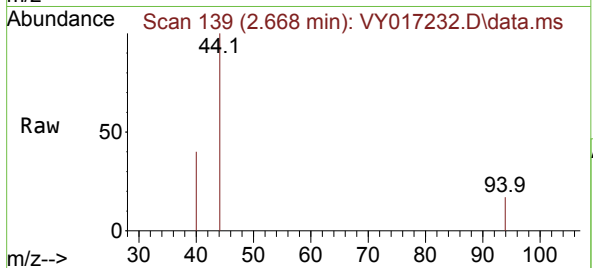




#5
Bromomethane
Concen: 1.388 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017232.D
Acq: 05 Feb 2024 16:27

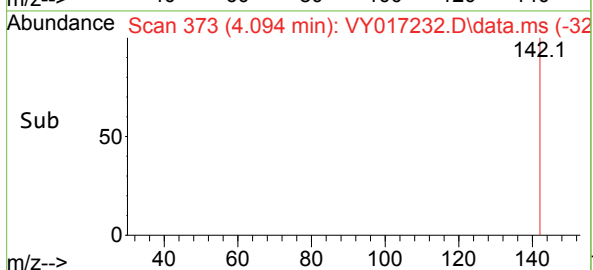
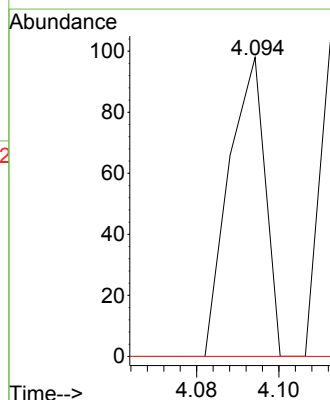
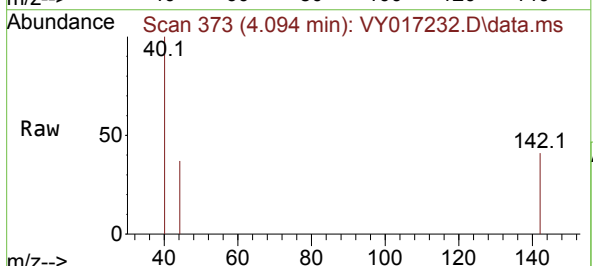
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

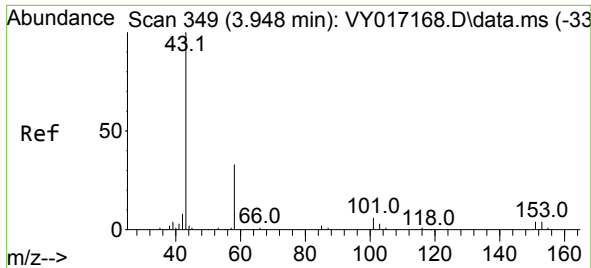
Tgt Ion: 94 Resp: 78
Ion Ratio Lower Upper
94 100
96 0.0 77.3 115.9#



#10
Methyl Iodide
Concen: 1.129 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY017232.D
Acq: 05 Feb 2024 16:27

Tgt Ion:142 Resp: 60
Ion Ratio Lower Upper
142 100
127 0.0 35.1 52.7#
141 0.0 11.8 17.6#





#16

Acetone

Concen: 8.420 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY017232.D

Acq: 05 Feb 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

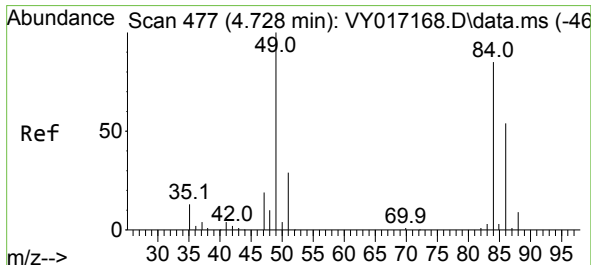
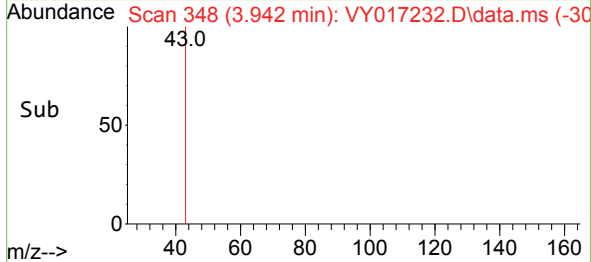
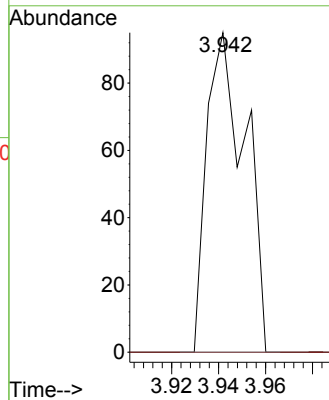
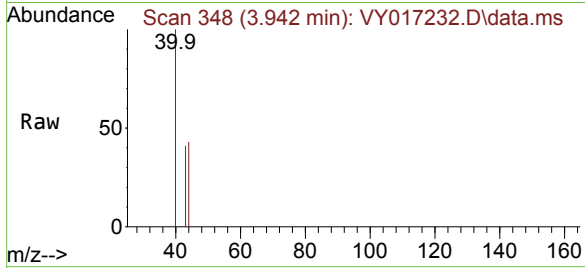
WC-2-VOC

Tgt Ion: 43 Resp: 108

Ion Ratio Lower Upper

43 100

58 0.0 26.6 39.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.740 min Scan# 479

Delta R.T. 0.012 min

Lab File: VY017232.D

Acq: 05 Feb 2024 16:27

Tgt Ion: 84 Resp: 74

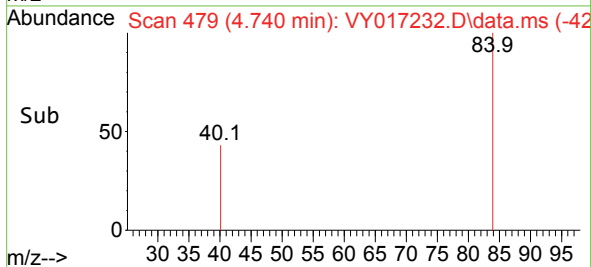
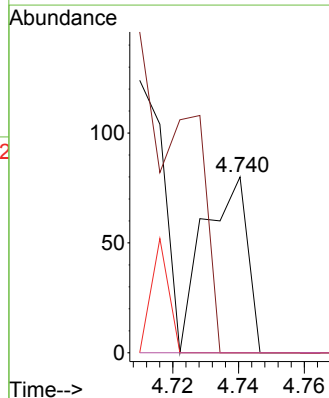
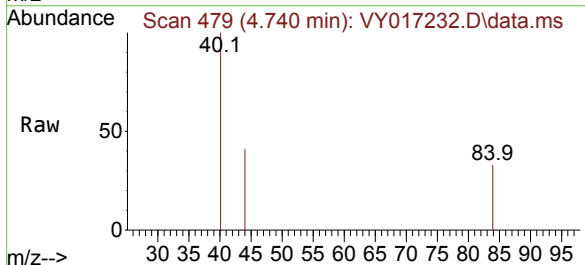
Ion Ratio Lower Upper

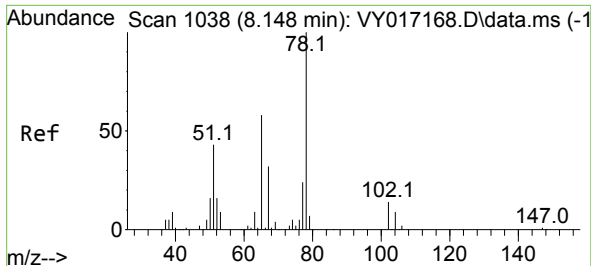
84 100

49 0.0 95.2 142.8#

51 0.0 29.9 44.9#

86 0.0 52.2 78.4#





#33

1,2-Dichloroethane-d4

Concen: 21.334 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017232.D

Acq: 05 Feb 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

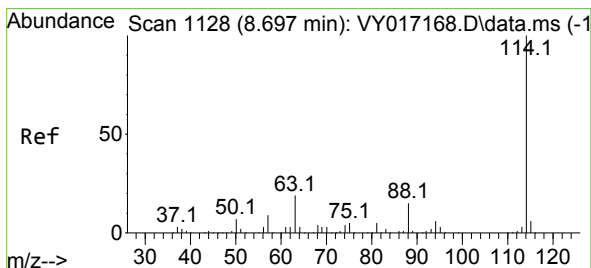
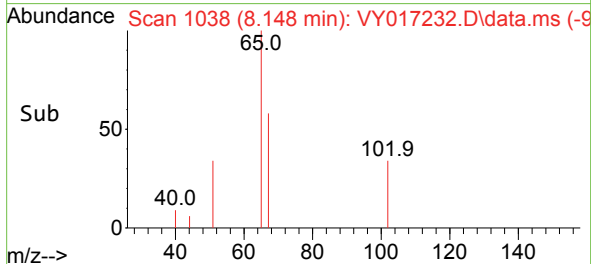
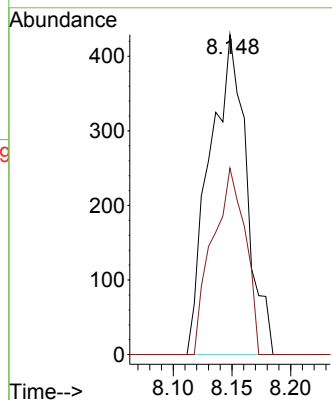
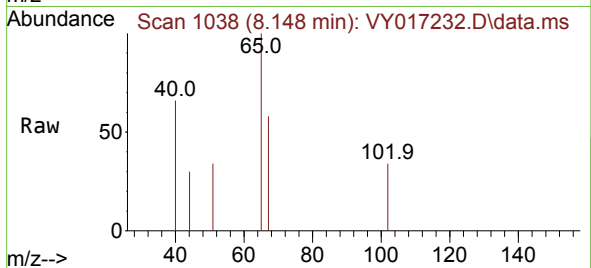
WC-2-VOC

Tgt Ion: 65 Resp: 931

Ion Ratio Lower Upper

65 100

67 52.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017232.D

Acq: 05 Feb 2024 16:27

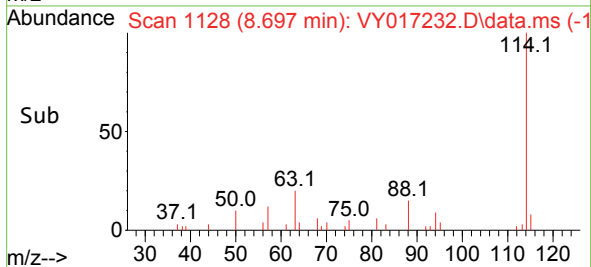
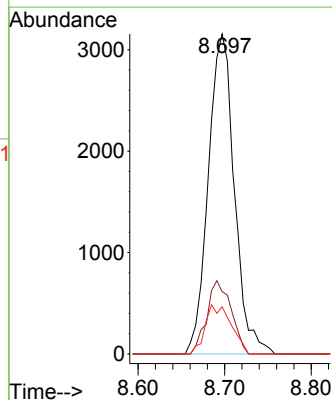
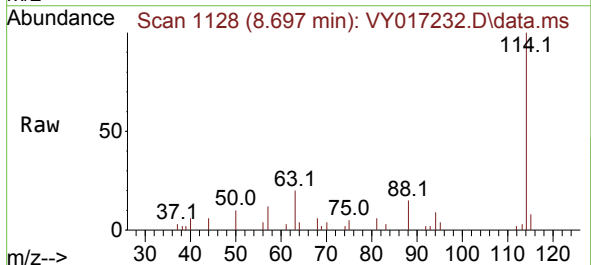
Tgt Ion: 114 Resp: 6594

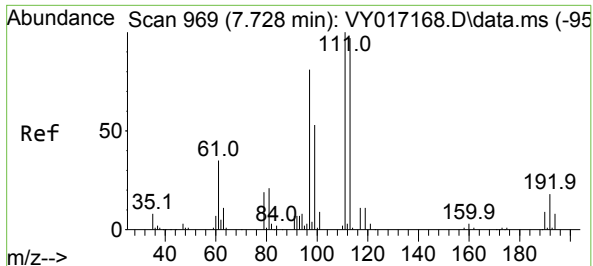
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 14.8 0.0 29.0

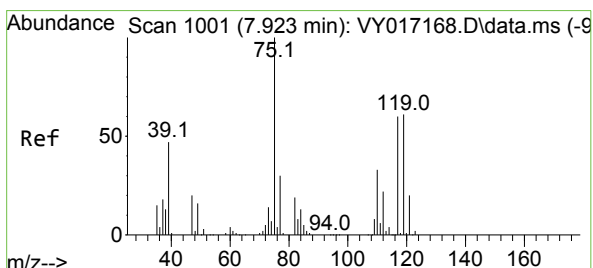
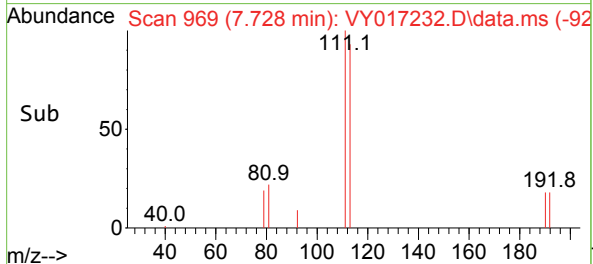
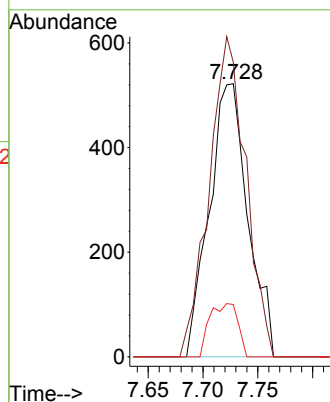
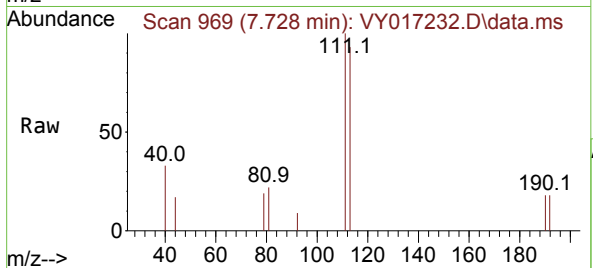




#35
Dibromofluoromethane
Concen: 35.952 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017232.D
Acq: 05 Feb 2024 16:27

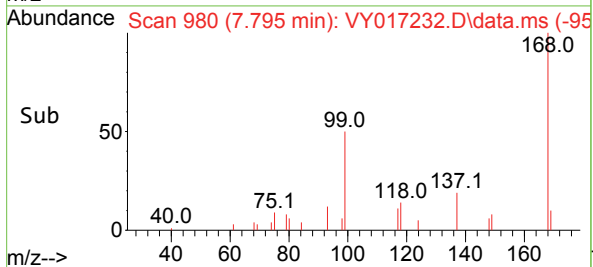
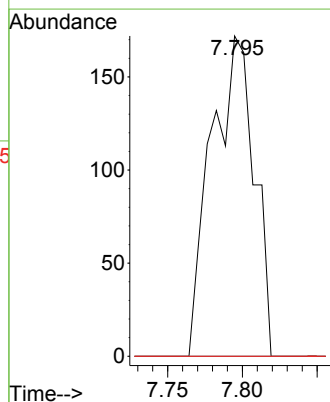
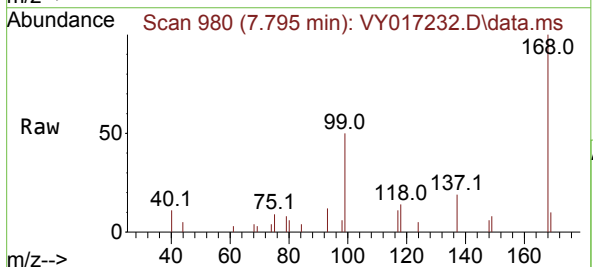
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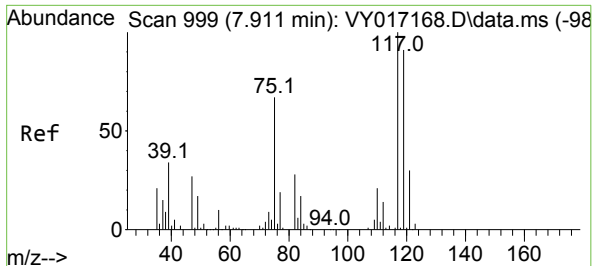
Tgt Ion:113 Resp: 1280
Ion Ratio Lower Upper
113 100
111 111.6 83.8 125.6
192 14.2 14.5 21.7#



#36
1,1-Dichloropropene
Concen: 5.569 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY017232.D
Acq: 05 Feb 2024 16:27

Tgt Ion: 75 Resp: 342
Ion Ratio Lower Upper
75 100
110 0.0 17.4 52.3#
77 0.0 24.7 37.1#

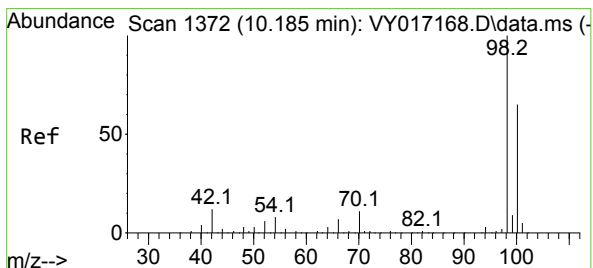
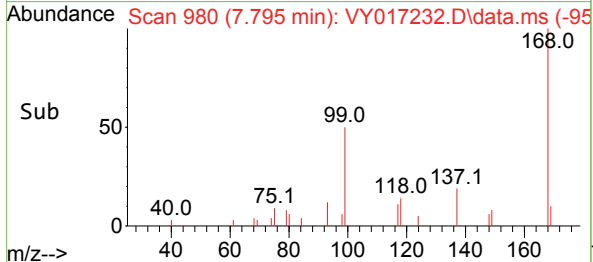
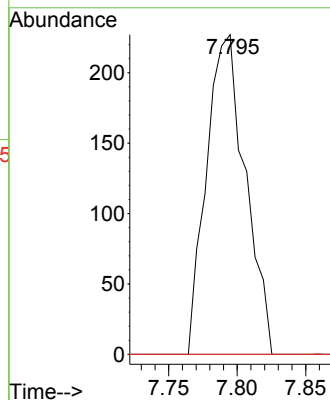
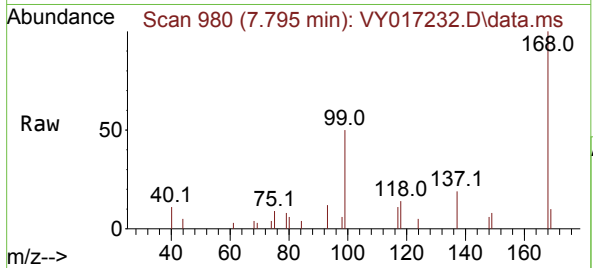




#38
Carbon Tetrachloride
Concen: 7.602 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017232.D
Acq: 05 Feb 2024 16:27

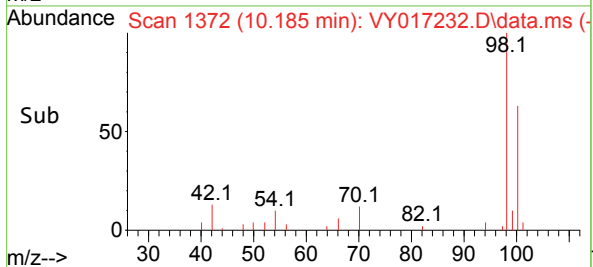
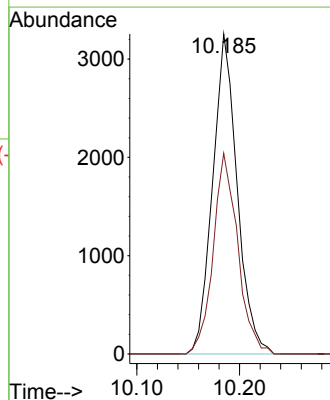
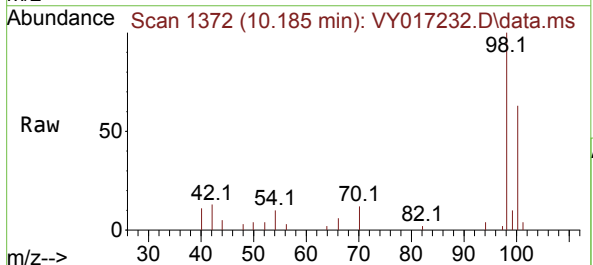
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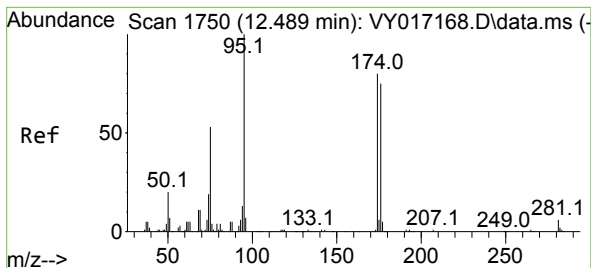
Tgt Ion:117 Resp: 447
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 41.657 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017232.D
Acq: 05 Feb 2024 16:27

Tgt Ion: 98 Resp: 5400
Ion Ratio Lower Upper
98 100
100 62.8 52.3 78.5

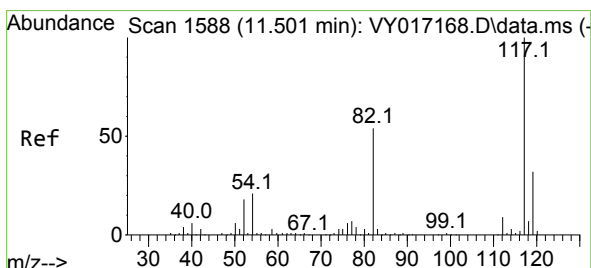
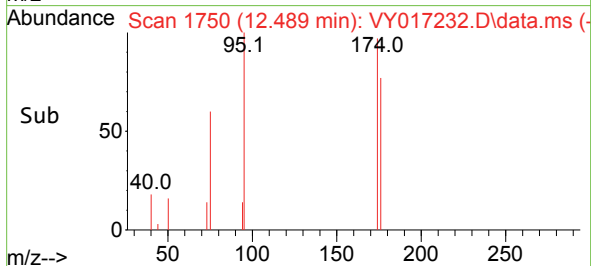
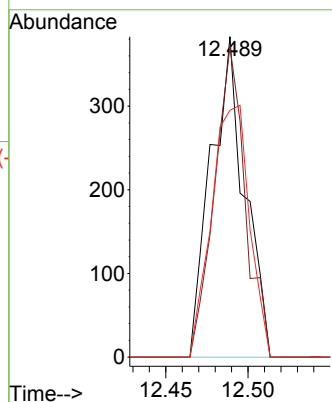
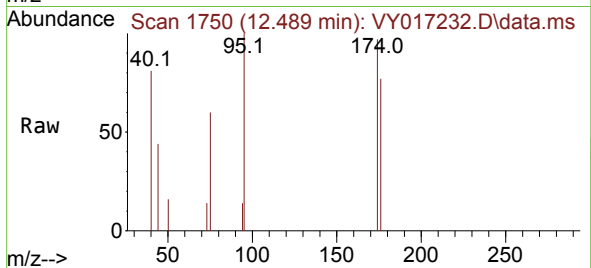




#62
4-Bromofluorobenzene
Concen: 12.834 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017232.D
Acq: 05 Feb 2024 16:27

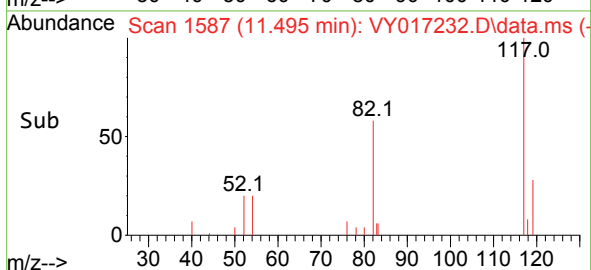
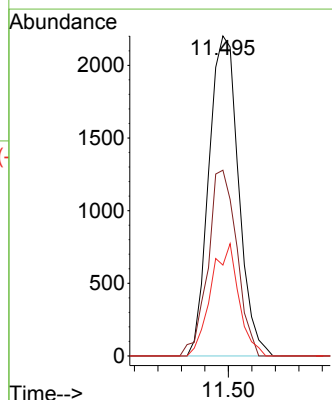
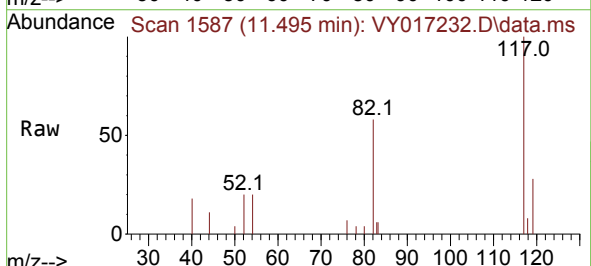
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

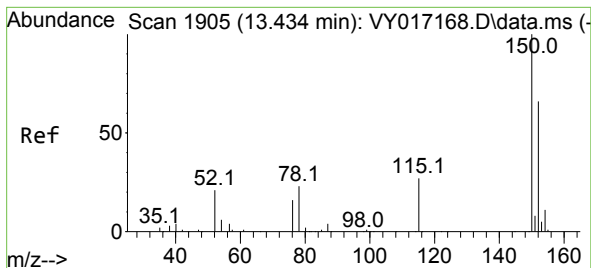
Tgt Ion:	95	Resp:	545
Ion	Ratio	Lower	Upper
95	100		
174	88.6	0.0	160.0
176	88.8	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017232.D
Acq: 05 Feb 2024 16:27

Tgt Ion:	117	Resp:	3866
Ion	Ratio	Lower	Upper
117	100		
82	58.0	43.8	65.8
119	28.4	26.5	39.7

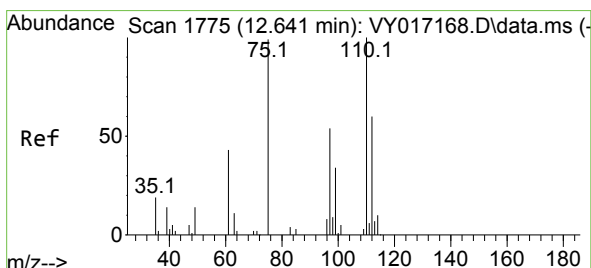
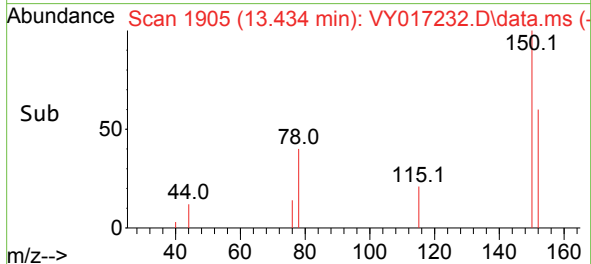
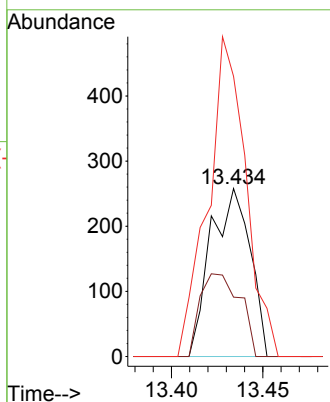
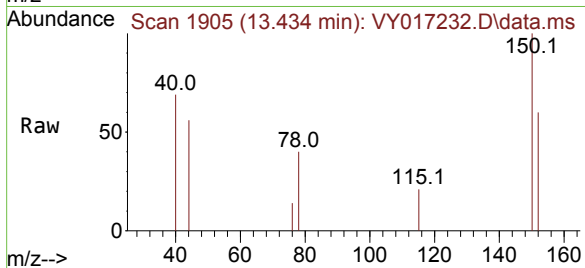




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017232.D
 Acq: 05 Feb 2024 16:27

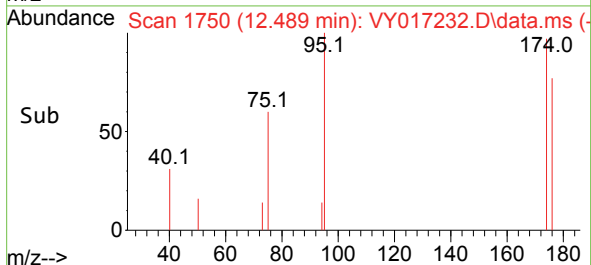
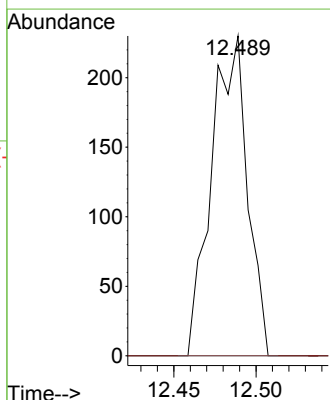
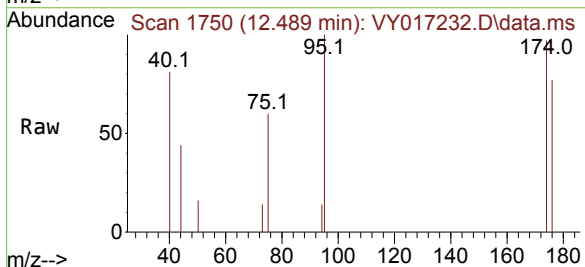
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-VOC

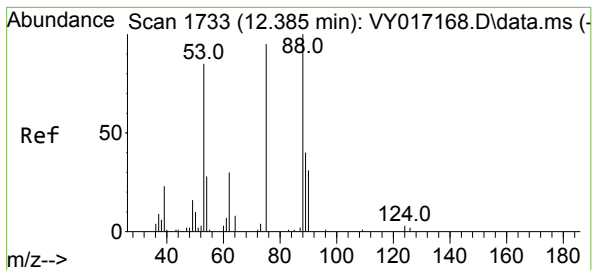
Tgt Ion:152 Resp: 387
 Ion Ratio Lower Upper
 152 100
 115 49.6 30.0 90.0
 150 182.4 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 97.986 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.152 min
 Lab File: VY017232.D
 Acq: 05 Feb 2024 16:27

Tgt Ion: 75 Resp: 350
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 203.601 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY017232.D
 Acq: 05 Feb 2024 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-VOC

Tgt Ion: 75 Resp: 350
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

