

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030823\
 Data File : VX034391.D
 Acq On : 08 Mar 2023 18:17
 Operator : JC/MD
 Sample : 01843-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20230306

Quant Time: Mar 09 04:02:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

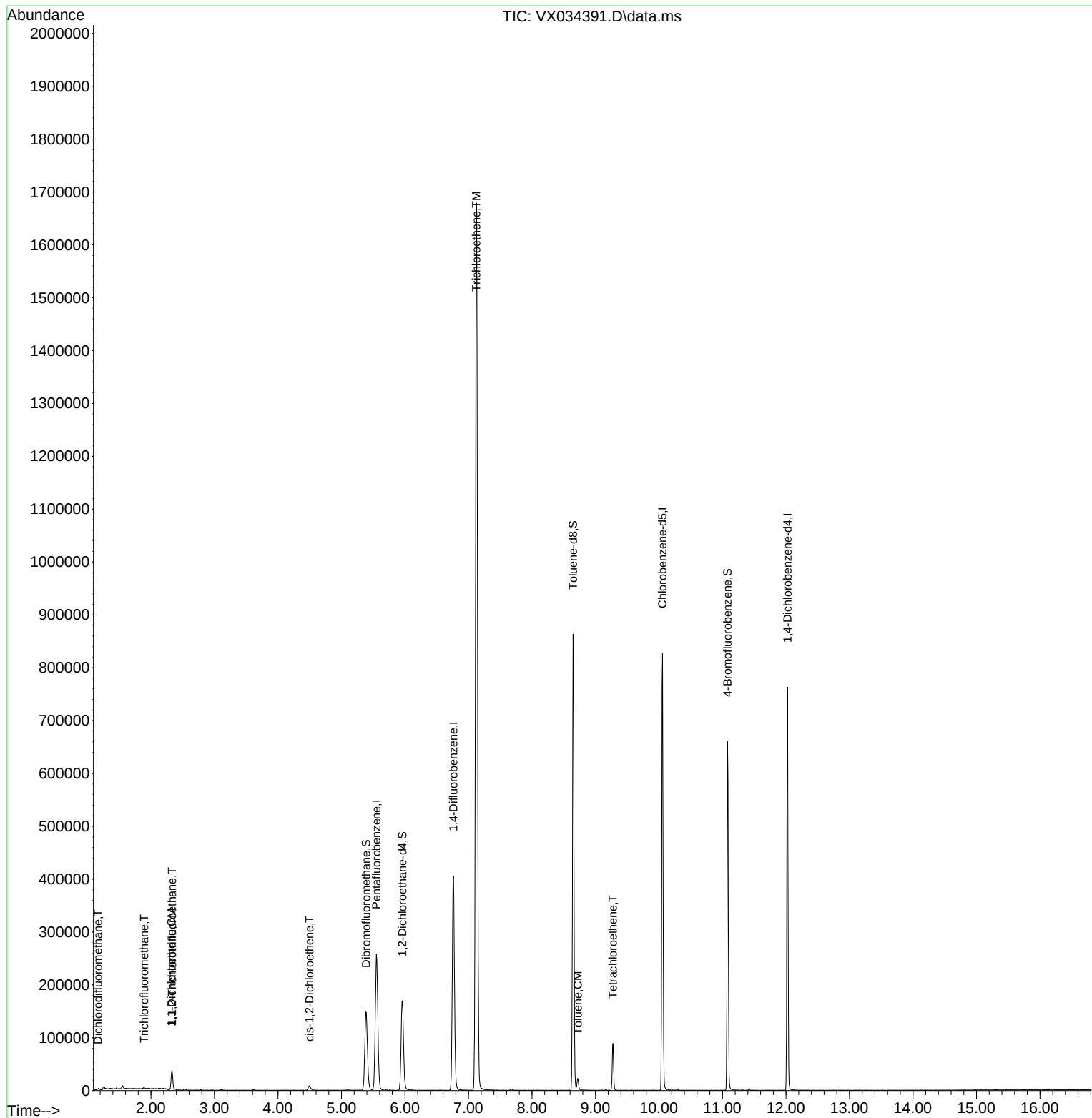
Internal Standards						
1) Pentafluorobenzene	5.550	168	246808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	416734	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159209	47.898	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	95.800%	
35) Dibromofluoromethane	5.385	113	128940	47.521	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.040%	
50) Toluene-d8	8.647	98	504475	51.784	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	103.560%	
62) 4-Bromofluorobenzene	11.079	95	176006	47.233	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	94.460%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	1006	0.472	ug/l	75
7) Trichlorofluoromethane	1.892	101	1228	0.325	ug/l #	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	13077	4.911	ug/l	92
12) 1,1-Dichloroethene	2.325	96	2341	0.877	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	5581	1.685	ug/l	94
44) Trichloroethene	7.123	130	649390	212.799	ug/l	94
52) Toluene	8.720	92	8406	1.167	ug/l	97
64) Tetrachloroethene	9.275	164	16636	6.257	ug/l	94

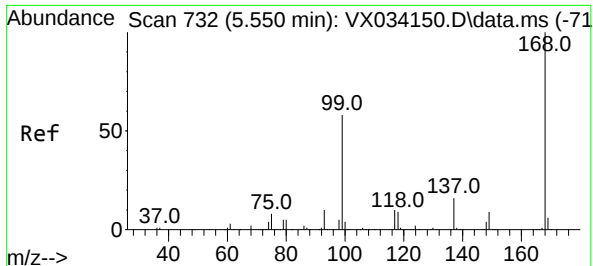
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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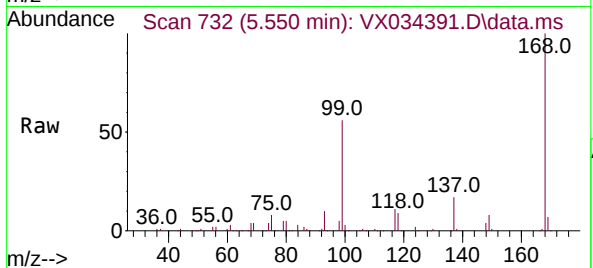
Quant Time: Mar 09 04:02:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
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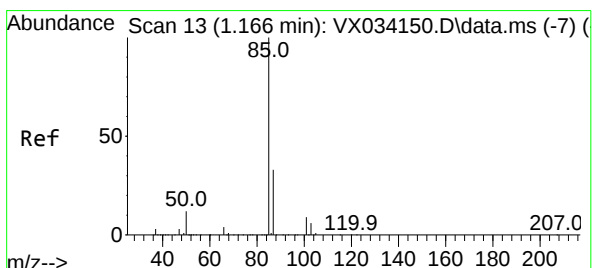
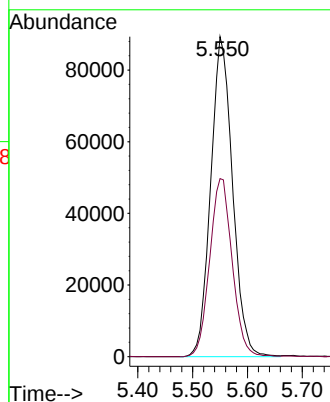
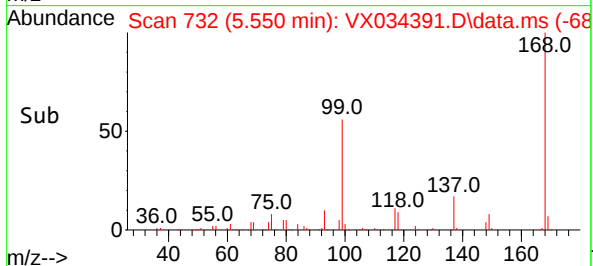


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034391.D
Acq: 08 Mar 2023 18:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20230306

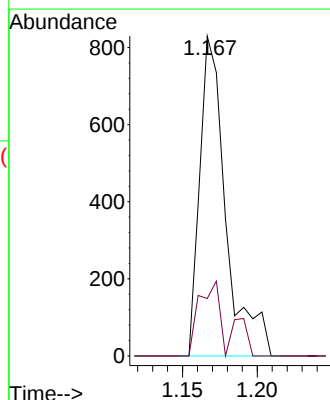
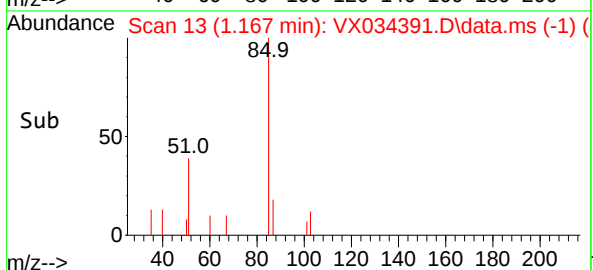
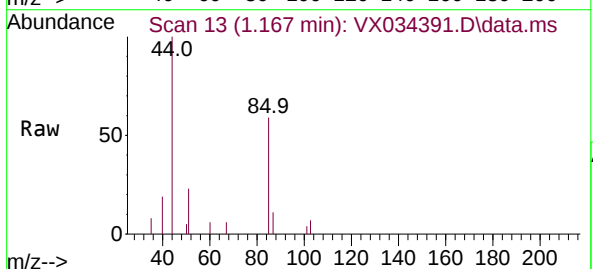


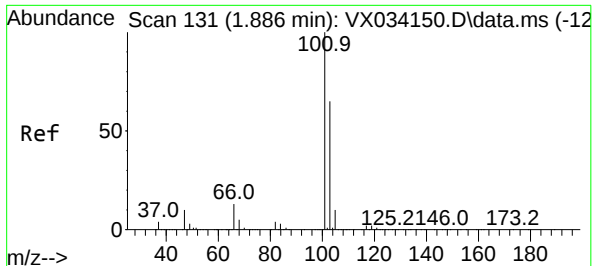
Tgt Ion:168 Resp: 246808
Ion Ratio Lower Upper
168 100
99 55.6 39.6 59.4



#2
Dichlorodifluoromethane
Concen: 0.472 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034391.D
Acq: 08 Mar 2023 18:17

Tgt Ion: 85 Resp: 1006
Ion Ratio Lower Upper
85 100
87 18.0 15.8 47.4

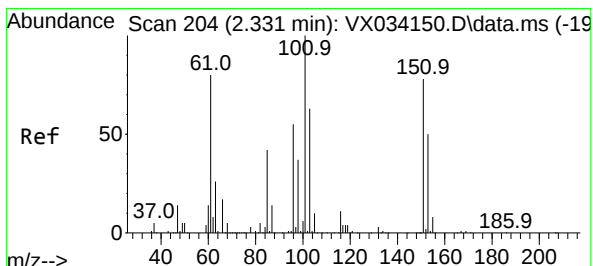
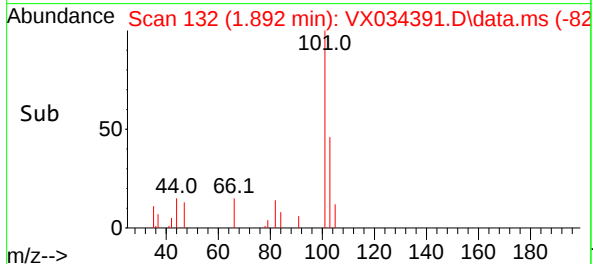
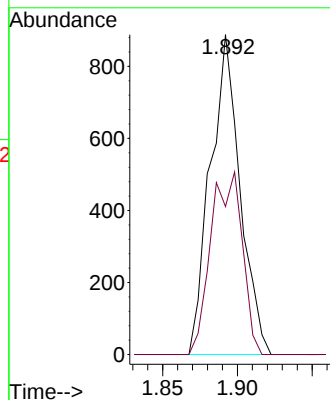
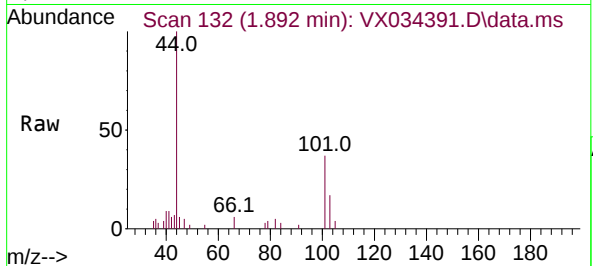




#7
Trichlorofluoromethane
Concen: 0.325 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034391.D
Acq: 08 Mar 2023 18:17

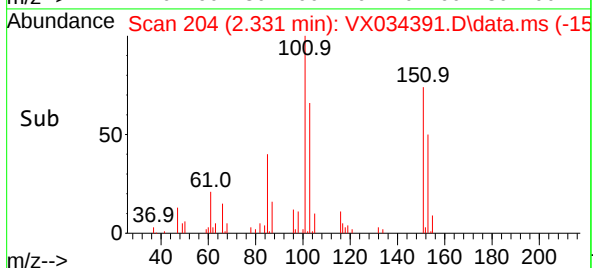
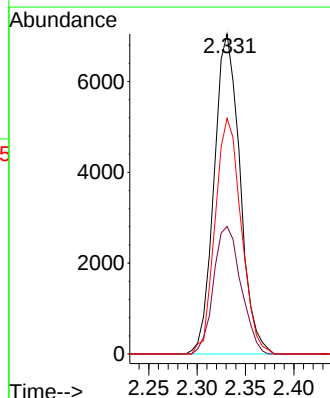
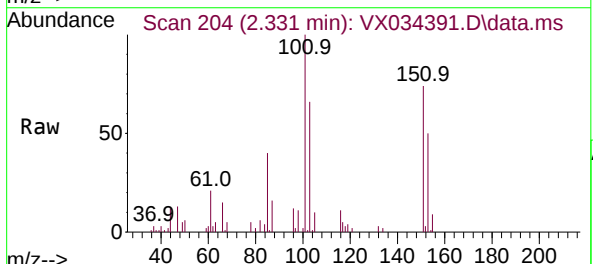
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20230306

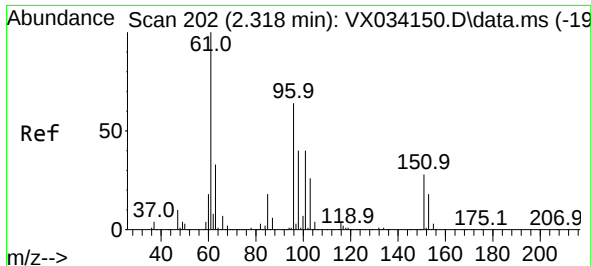
Tgt Ion:101 Resp: 1228
Ion Ratio Lower Upper
101 100
103 46.3 50.6 75.8#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.911 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034391.D
Acq: 08 Mar 2023 18:17

Tgt Ion:101 Resp: 13077
Ion Ratio Lower Upper
101 100
85 42.1 36.7 55.1
151 74.4 66.5 99.7

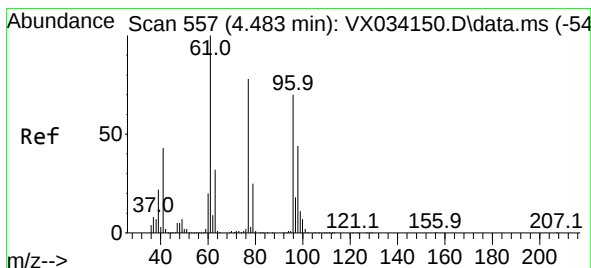
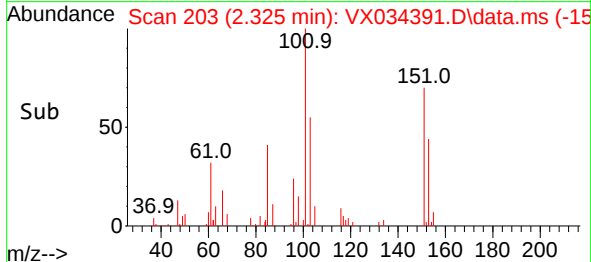
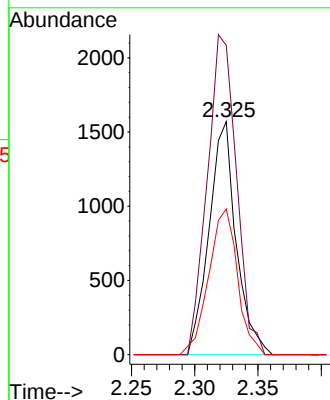
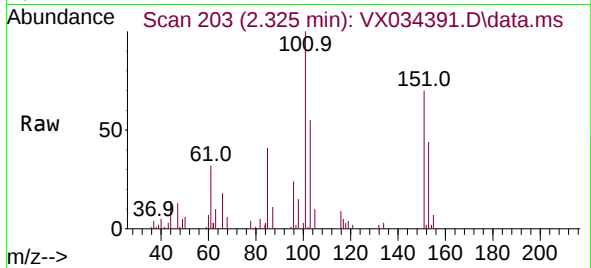




#12
 1,1-Dichloroethene
 Concen: 0.877 ug/l
 RT: 2.325 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VX034391.D
 Acq: 08 Mar 2023 18:17

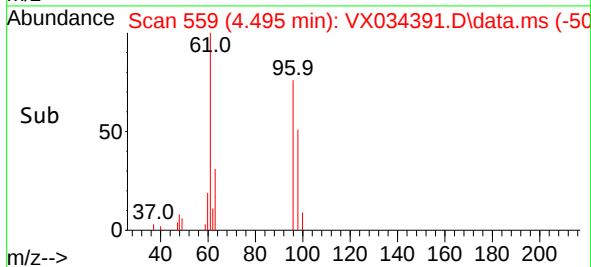
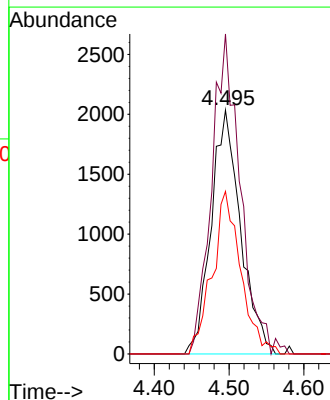
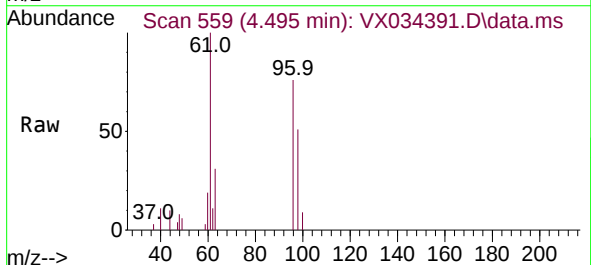
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20230306

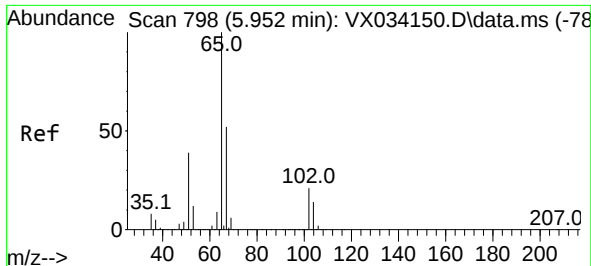
Tgt Ion: 96 Resp: 2341
 Ion Ratio Lower Upper
 96 100
 61 132.7 134.2 201.4#
 98 62.5 50.2 75.2



#27
 cis-1,2-Dichloroethene
 Concen: 1.685 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.012 min
 Lab File: VX034391.D
 Acq: 08 Mar 2023 18:17

Tgt Ion: 96 Resp: 5581
 Ion Ratio Lower Upper
 96 100
 61 128.1 0.0 277.6
 98 64.4 0.0 128.0





#33

1,2-Dichloroethane-d4

Concen: 47.898 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034391.D

Acq: 08 Mar 2023 18:17

Instrument :

MSVOA_X

ClientSampleId :

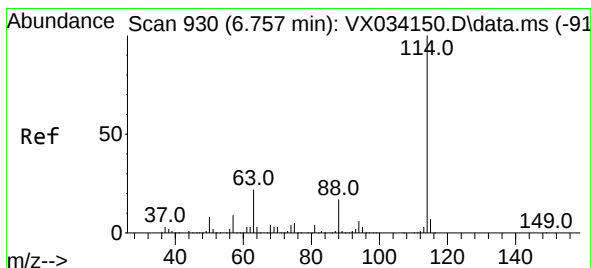
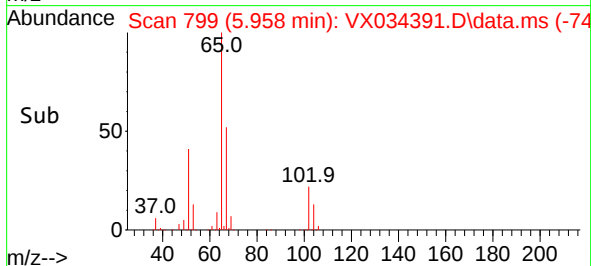
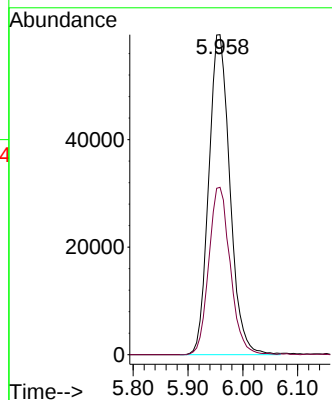
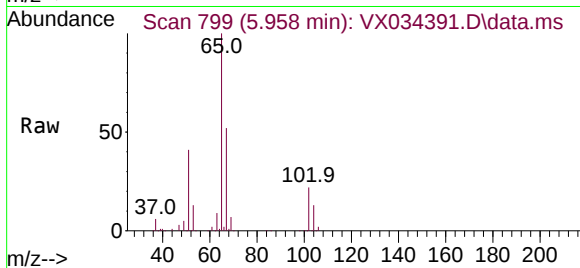
RE132D4-20230306

Tgt Ion: 65 Resp: 159209

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034391.D

Acq: 08 Mar 2023 18:17

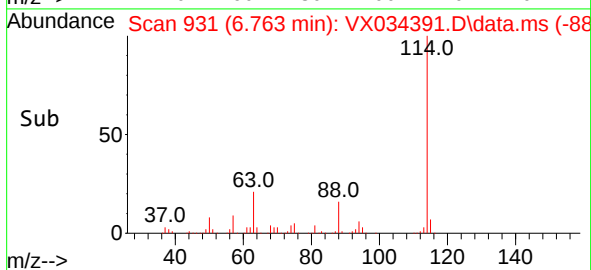
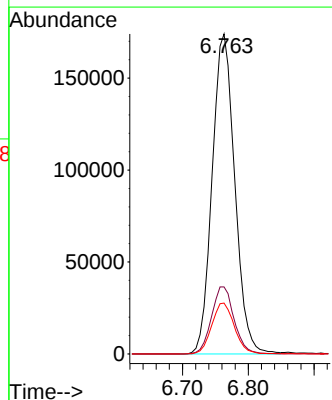
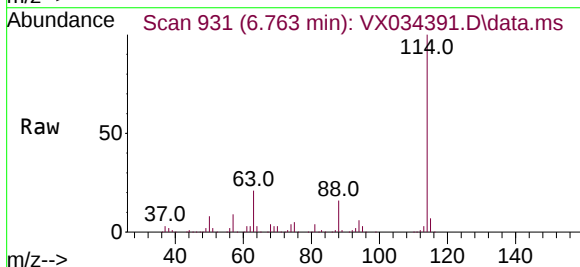
Tgt Ion: 114 Resp: 416734

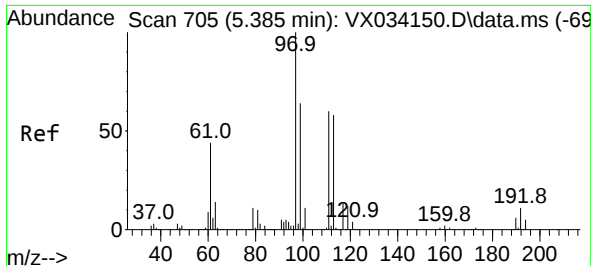
Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

88 15.9 0.0 30.6

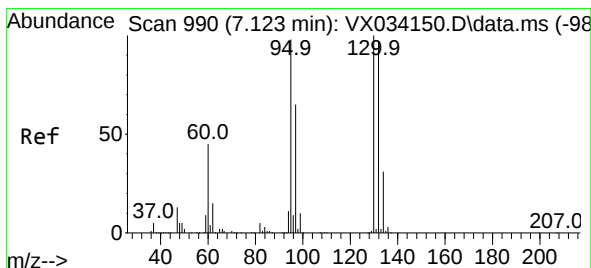
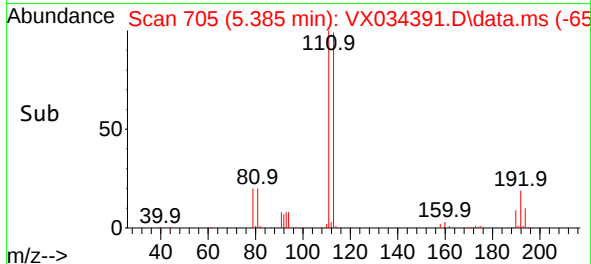
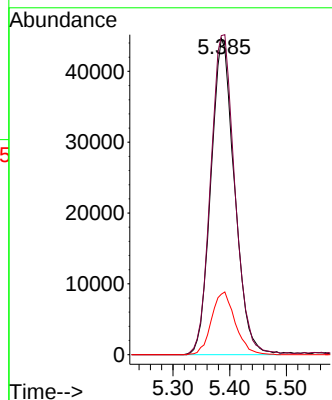
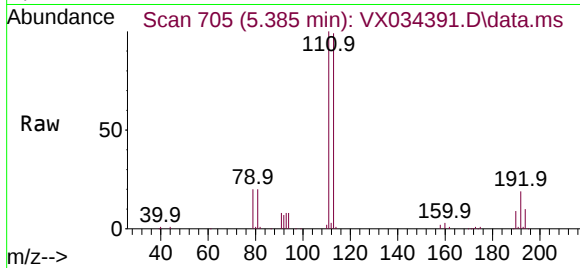




#35
Dibromofluoromethane
Concen: 47.521 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034391.D
Acq: 08 Mar 2023 18:17

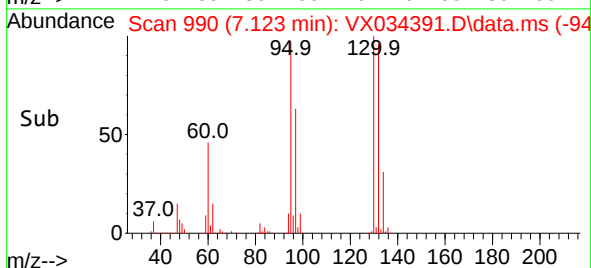
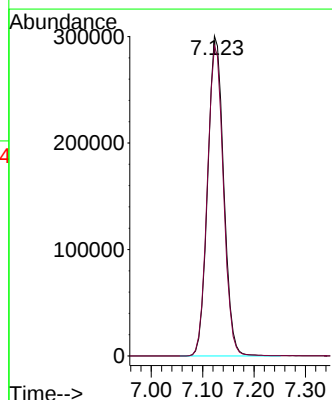
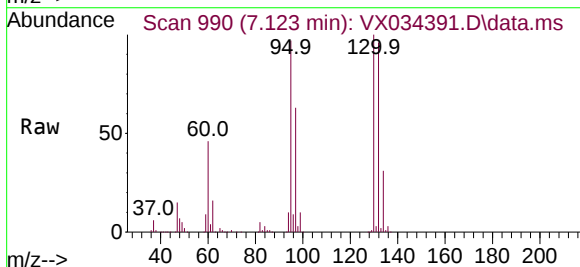
Instrument :
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ClientSampleId :
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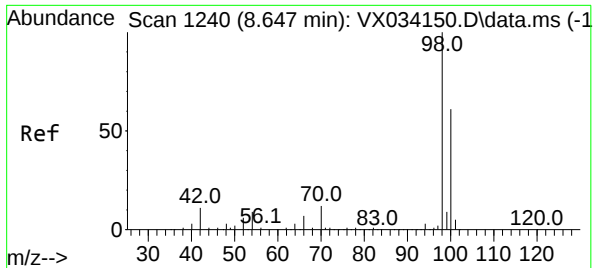
Tgt Ion:113 Resp: 128940
Ion Ratio Lower Upper
113 100
111 104.1 83.0 124.6
192 19.9 19.0 28.4



#44
Trichloroethene
Concen: 212.799 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034391.D
Acq: 08 Mar 2023 18:17

Tgt Ion:130 Resp: 649390
Ion Ratio Lower Upper
130 100
95 96.9 0.0 182.6

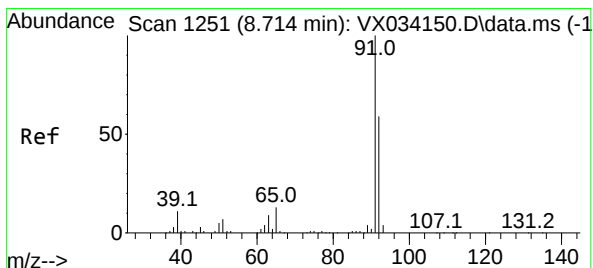
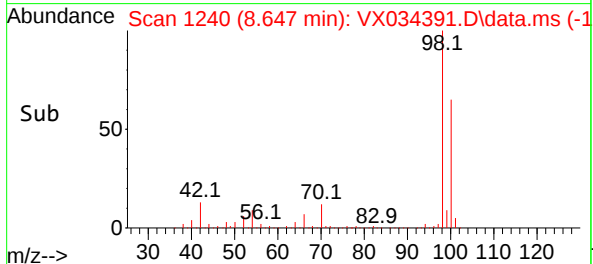
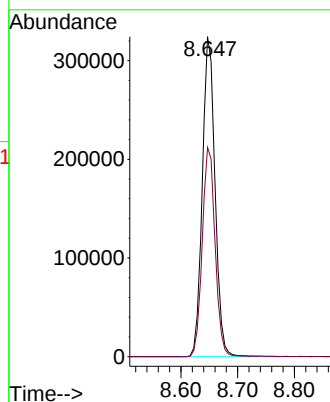
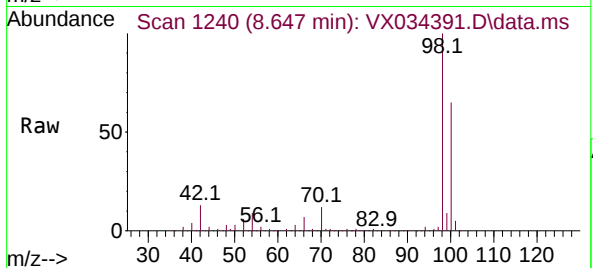




#50
Toluene-d8
Concen: 51.784 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034391.D
Acq: 08 Mar 2023 18:17

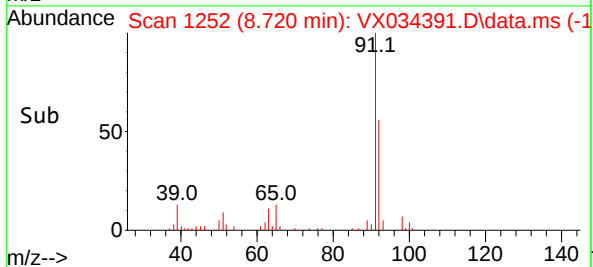
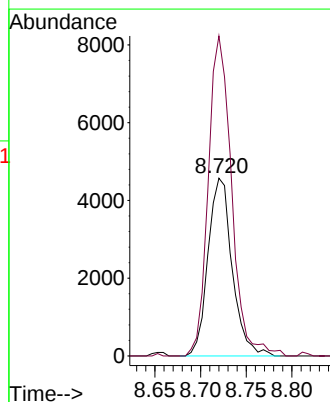
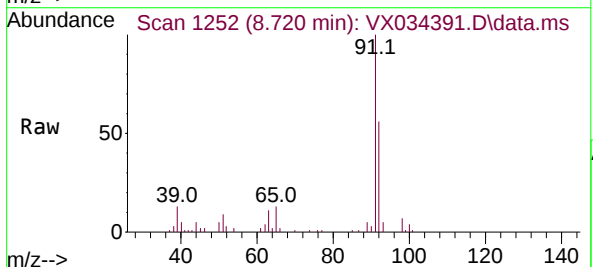
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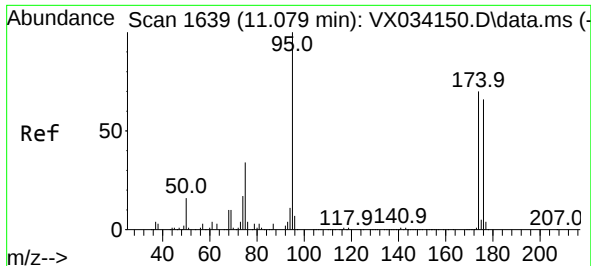
Tgt Ion: 98 Resp: 504475
Ion Ratio Lower Upper
98 100
100 66.2 53.6 80.4



#52
Toluene
Concen: 1.167 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034391.D
Acq: 08 Mar 2023 18:17

Tgt Ion: 92 Resp: 8406
Ion Ratio Lower Upper
92 100
91 173.9 135.5 203.3

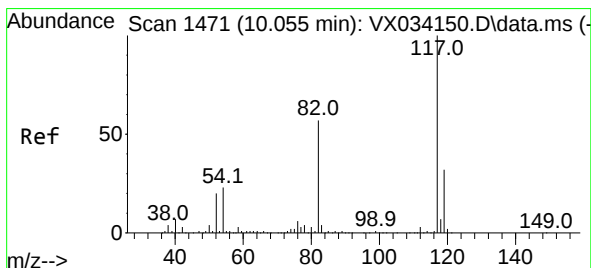
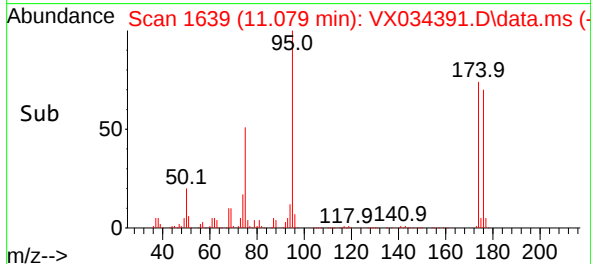
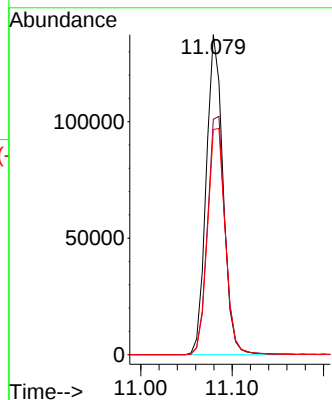
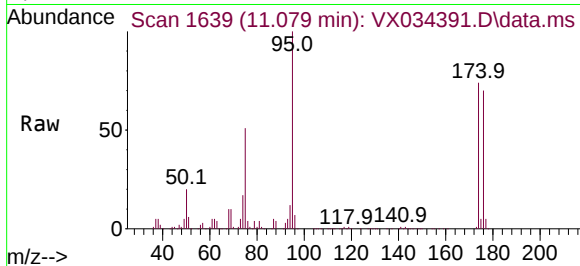




#62
4-Bromofluorobenzene
Concen: 47.233 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034391.D
Acq: 08 Mar 2023 18:17

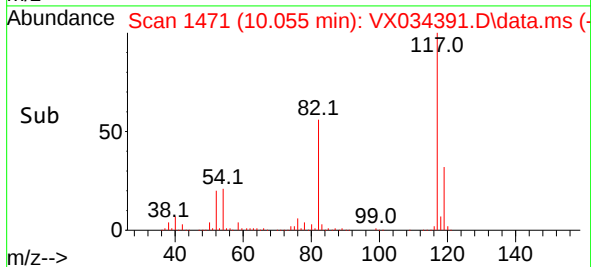
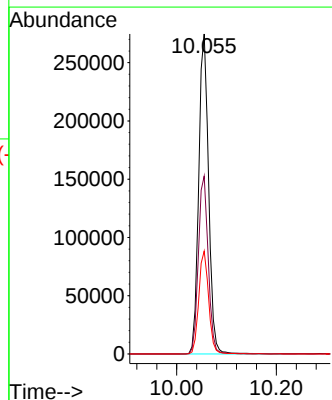
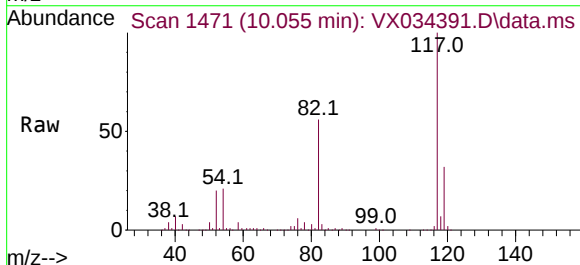
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20230306

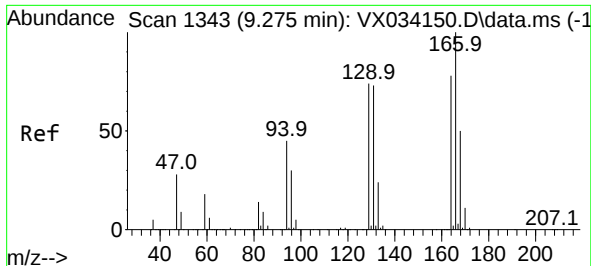
Tgt Ion: 95 Resp: 176006
Ion Ratio Lower Upper
95 100
174 78.1 0.0 184.4
176 75.1 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034391.D
Acq: 08 Mar 2023 18:17

Tgt Ion: 117 Resp: 376725
Ion Ratio Lower Upper
117 100
82 55.6 40.6 60.8
119 32.1 25.6 38.4



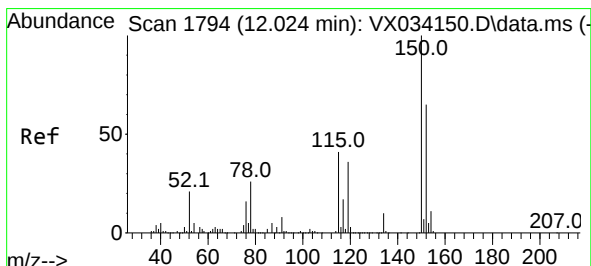
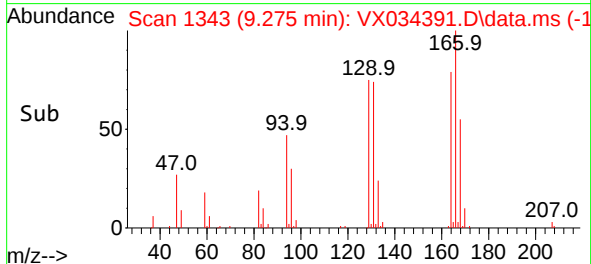
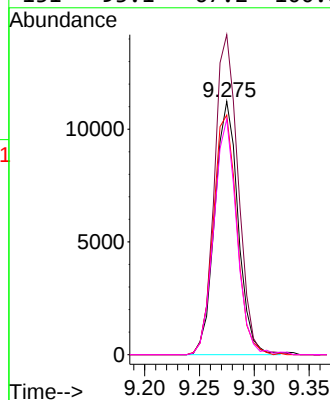
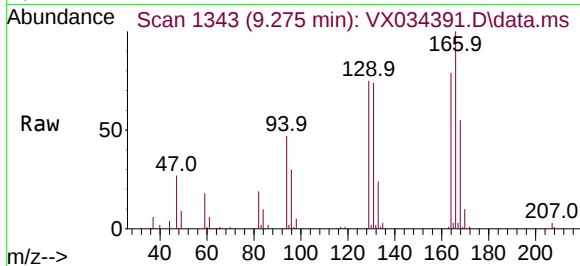


#64
Tetrachloroethene
Concen: 6.257 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034391.D
Acq: 08 Mar 2023 18:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20230306

Tgt Ion:164 Resp: 16636

Ion	Ratio	Lower	Upper
164	100		
166	126.4	100.2	150.2
129	94.7	69.2	103.8
131	93.1	67.2	100.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034391.D
Acq: 08 Mar 2023 18:17

Tgt Ion:152 Resp: 162254

Ion	Ratio	Lower	Upper
152	100		
115	59.1	38.7	116.1
150	157.8	0.0	348.2

