

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102623\
 Data File : VW032661.D
 Acq On : 26 Oct 2023 14:42
 Operator : SY/MD
 Sample : 05009-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 05:36:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 27 05:30:38 2023
 Response via : Initial Calibration

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

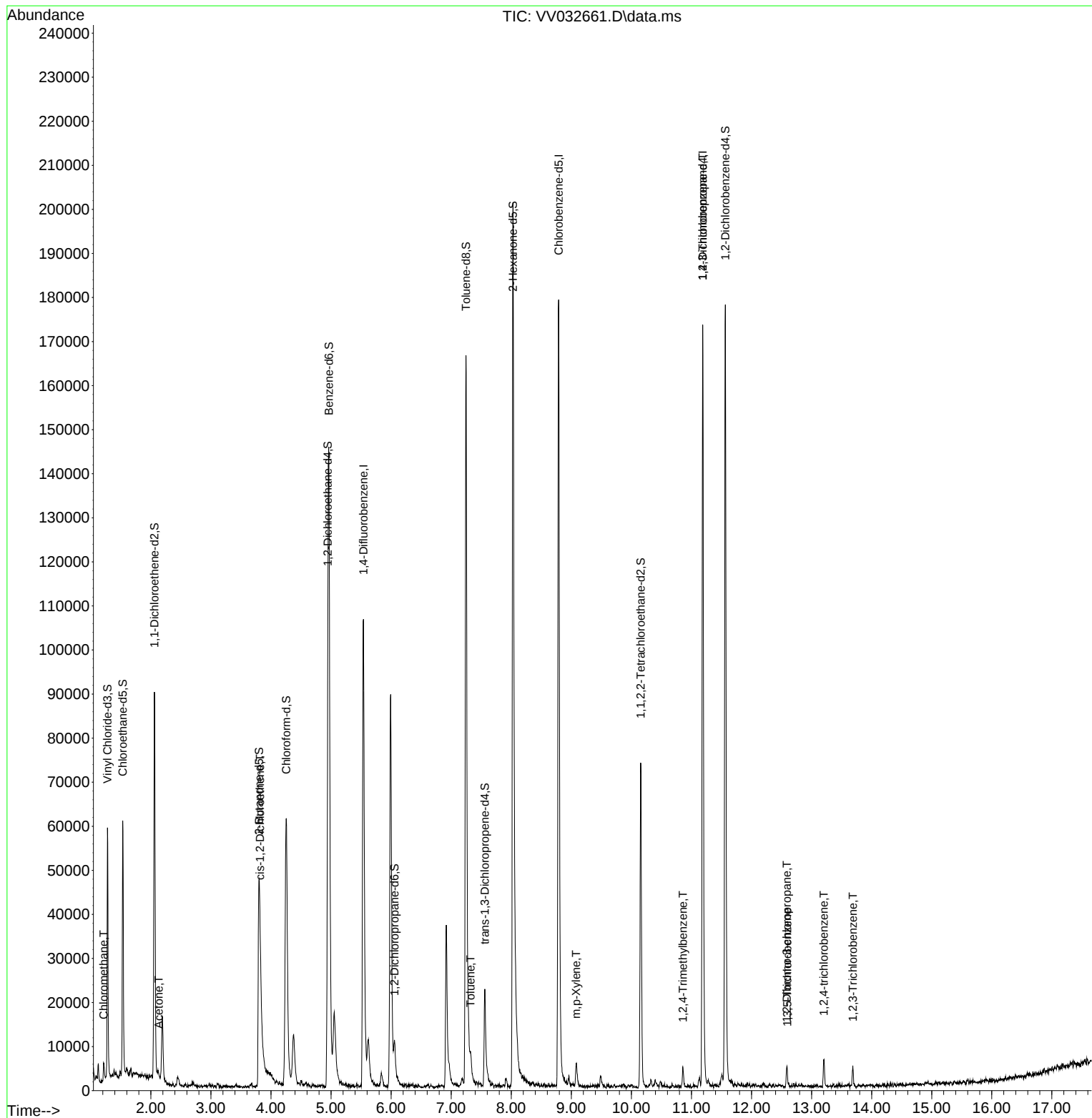
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	89138	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	102146	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	44671	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35309	4.871	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.532	69	36524	6.207	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	124.200%
11) 1,1-Dichloroethene-d2	2.059	65	14785	4.836	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	3.802	46	80135	43.697	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.400%
24) Chloroform-d	4.252	84	66137	5.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	4.947	65	34539	5.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.000%
32) Benzene-d6	4.963	84	132127	4.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.056	67	4619	0.464	ug/L	0.06
Spiked Amount	5.000	Range	60 - 140	Recovery	=	9.200%#
41) Toluene-d8	7.246	98	118444	4.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.561	79	14365	4.071	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.027	63	70280	42.329	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.660%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	34996	5.024	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	44175	5.329	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2385	0.238	ug/L	87
13) Acetone	2.130	43	2912	2.060	ug/L	91
22) cis-1,2-Dichloroethene	3.818	96	1140	0.141	ug/L	93
42) Toluene	7.323	91	4064	0.106	ug/L	96
53) m,p-Xylene	9.082	106	1717	0.108	ug/L	95
61) 1,2,3-Trichloropropane	11.188	75	5613	1.181	ug/L #	66
63) 1,2,4-Trimethylbenzene	10.857	105	2507	0.089	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.586	75	277	0.285	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.596	180	1311	0.108	ug/L	86
70) 1,2,4-trichlorobenzene	13.204	180	1881	0.175	ug/L	96
72) 1,2,3-Trichlorobenzene	13.686	180	1353	0.146	ug/L	96

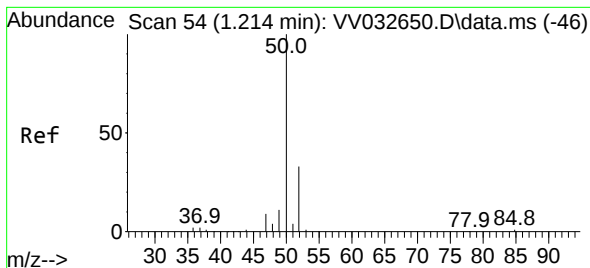
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.238 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV032661.D

Acq: 26 Oct 2023 14:42

Instrument :

MSVOA_V

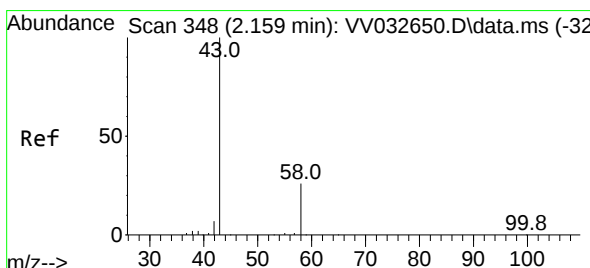
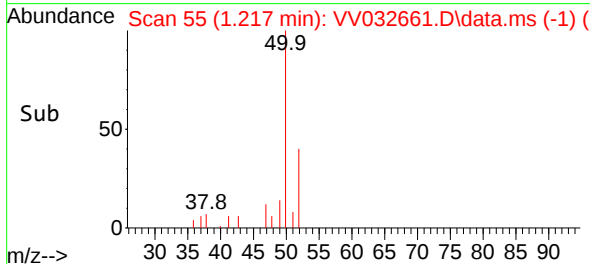
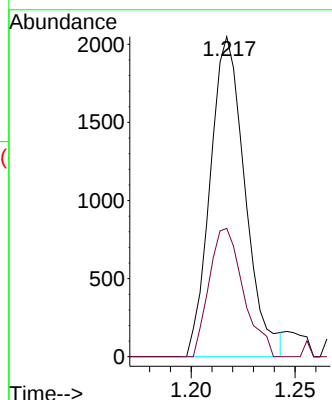
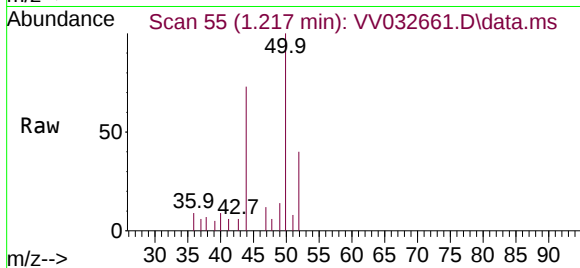
ClientSampleId :

Tgt Ion: 50 Resp: 2385

Ion Ratio Lower Upper

50 100

52 40.1 23.0 42.6



#13

Acetone

Concen: 2.060 ug/L

RT: 2.130 min Scan# 339

Delta R.T. -0.029 min

Lab File: VV032661.D

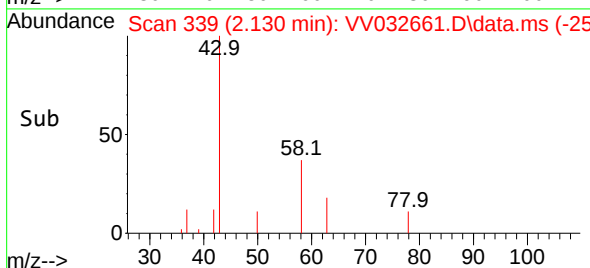
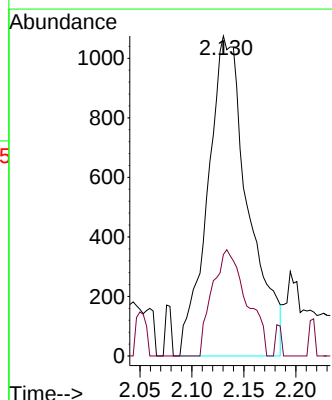
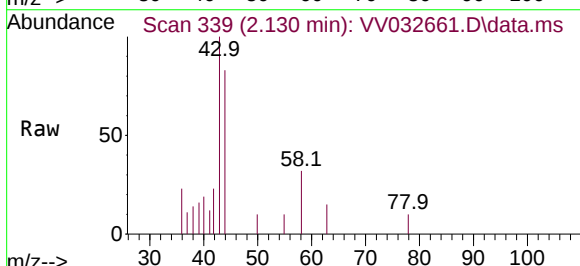
Acq: 26 Oct 2023 14:42

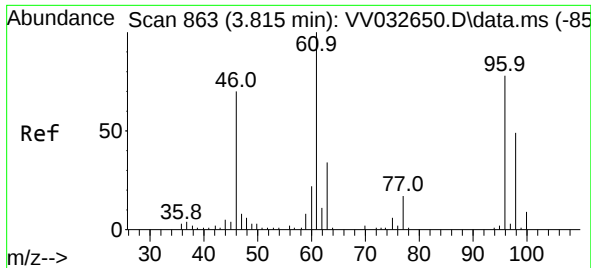
Tgt Ion: 43 Resp: 2912

Ion Ratio Lower Upper

43 100

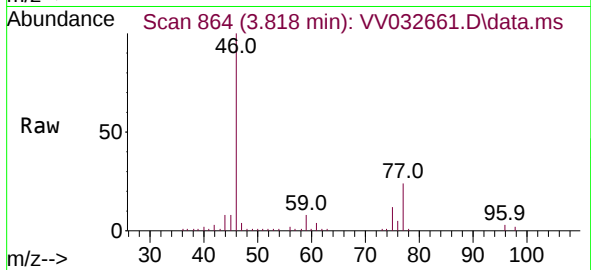
58 28.1 0.0 66.0



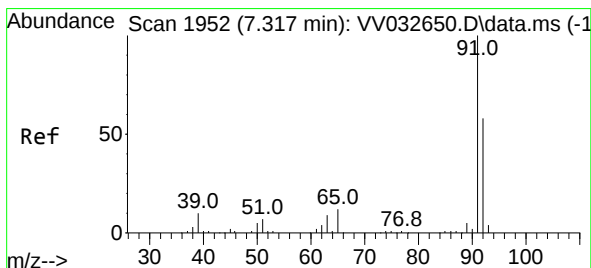
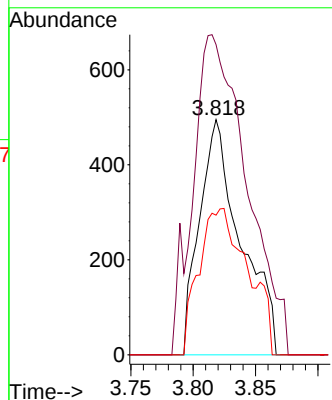
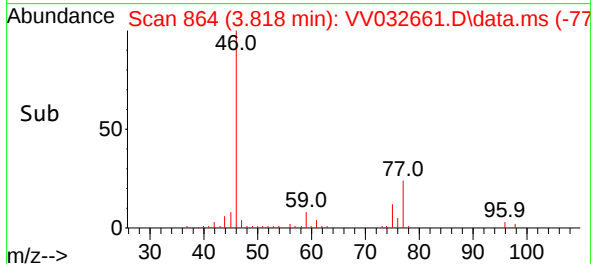


#22
 cis-1,2-Dichloroethene
 Concen: 0.141 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV032661.D
 Acq: 26 Oct 2023 14:42

Instrument :
 MSVOA_V
 ClientSampleId :

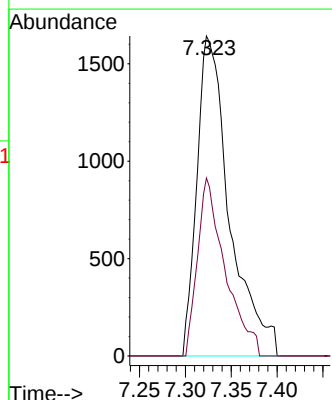
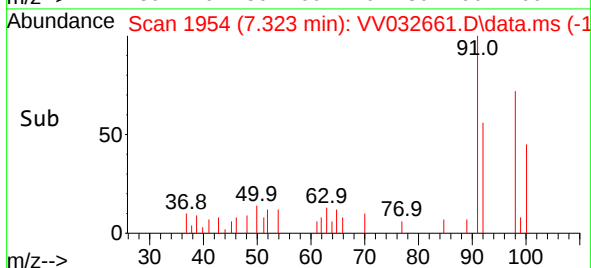
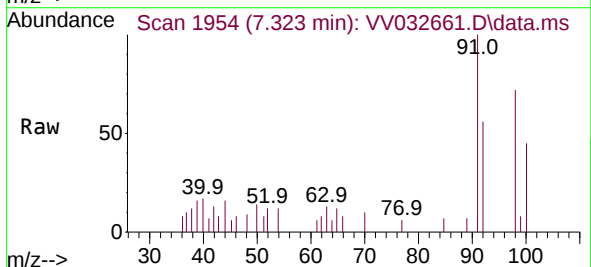


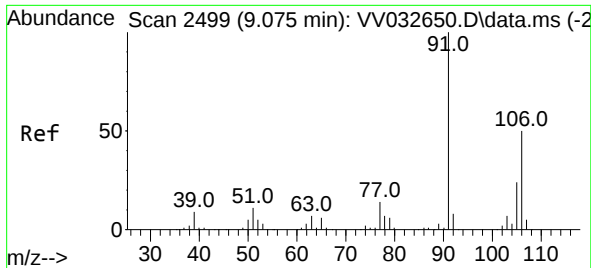
Tgt Ion: 96 Resp: 1140
 Ion Ratio Lower Upper
 96 100
 61 131.9 85.8 159.4
 98 59.4 44.0 81.6



#42
 Toluene
 Concen: 0.106 ug/L
 RT: 7.323 min Scan# 1954
 Delta R.T. 0.006 min
 Lab File: VV032661.D
 Acq: 26 Oct 2023 14:42

Tgt Ion: 91 Resp: 4064
 Ion Ratio Lower Upper
 91 100
 92 55.6 40.8 75.8

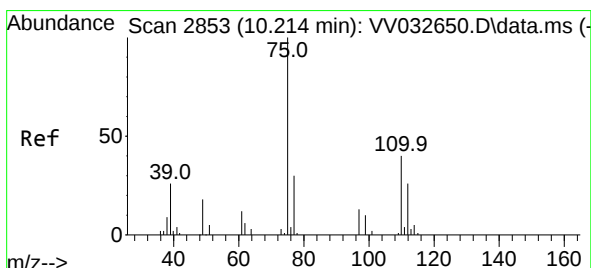
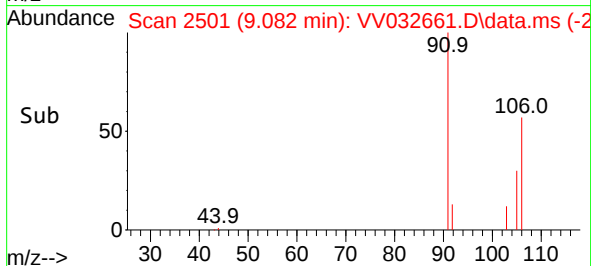
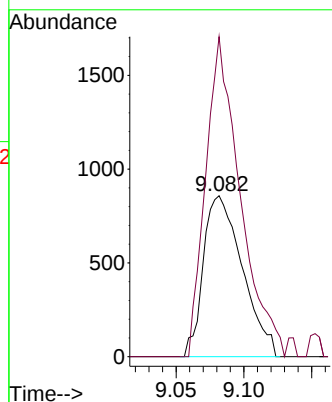
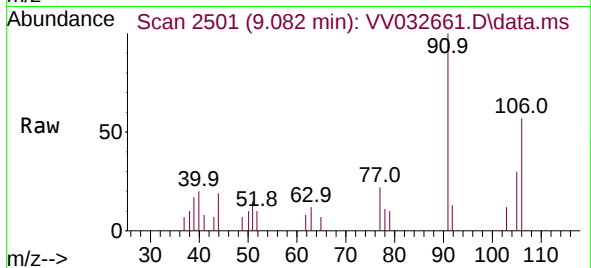




#53
m,p-Xylene
Concen: 0.108 ug/L
RT: 9.082 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV032661.D
Acq: 26 Oct 2023 14:42

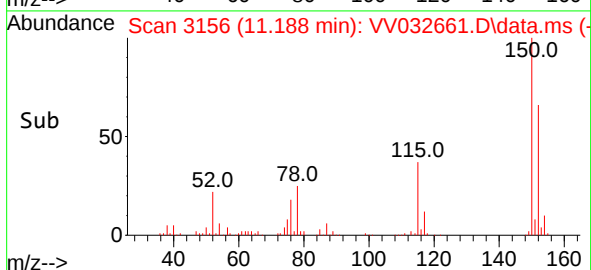
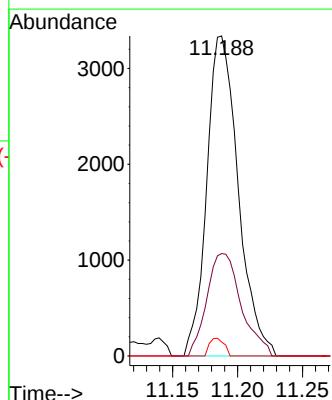
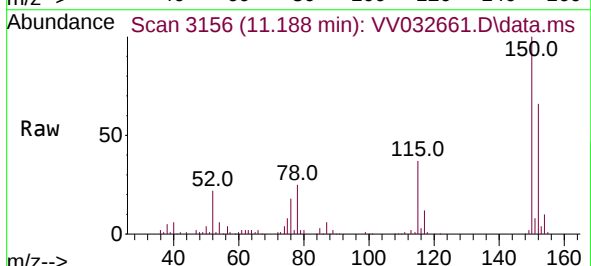
Instrument :
MSVOA_V
ClientSampleId :

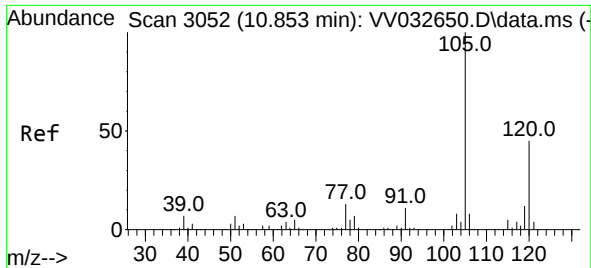
Tgt Ion:106 Resp: 1717
Ion Ratio Lower Upper
106 100
91 198.8 144.5 268.3



#61
1,2,3-Trichloropropane
Concen: 1.181 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV032661.D
Acq: 26 Oct 2023 14:42

Tgt Ion: 75 Resp: 5613
Ion Ratio Lower Upper
75 100
77 35.1 26.2 39.2
110 2.6 30.6 46.0#

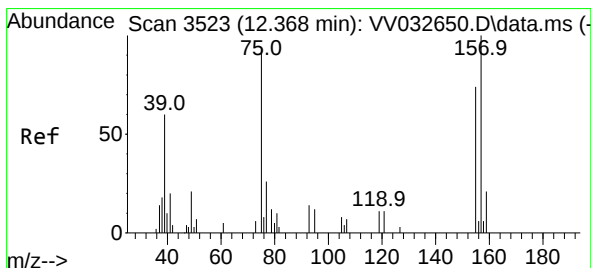
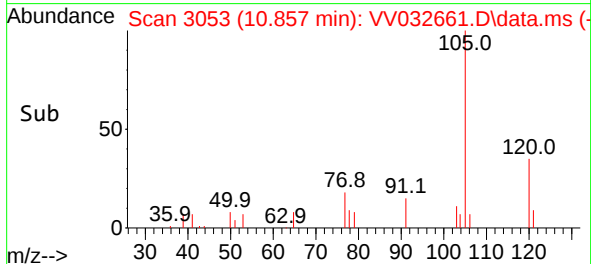
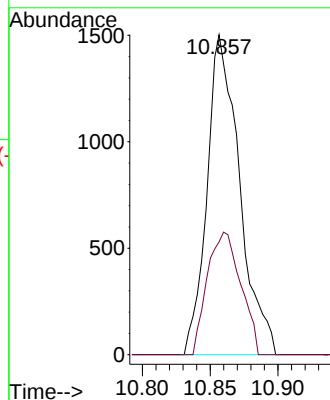
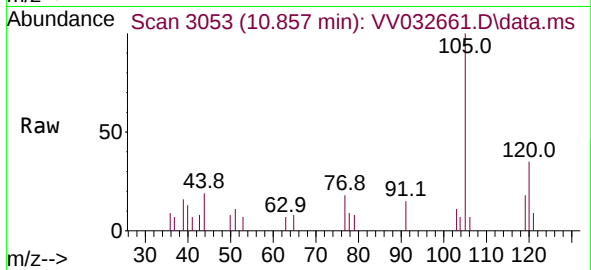




#63
1,2,4-Trimethylbenzene
Concen: 0.089 ug/L
RT: 10.857 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VV032661.D
Acq: 26 Oct 2023 14:42

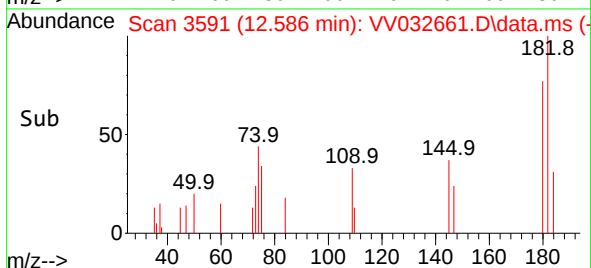
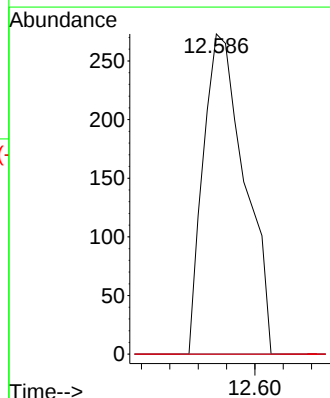
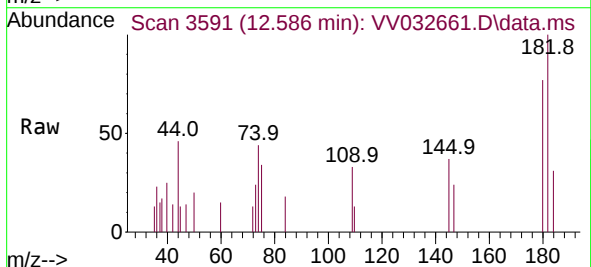
Instrument :
MSVOA_V
ClientSampleId :

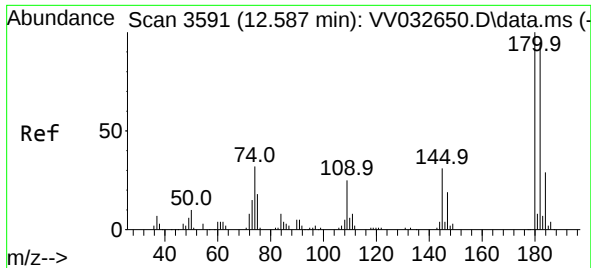
Tgt Ion:105 Resp: 2507
Ion Ratio Lower Upper
105 100
120 39.3 36.2 54.4



#68
1,2-Dibromo-3-chloropropane
Concen: 0.285 ug/L
RT: 12.586 min Scan# 3591
Delta R.T. 0.219 min
Lab File: VV032661.D
Acq: 26 Oct 2023 14:42

Tgt Ion: 75 Resp: 277
Ion Ratio Lower Upper
75 100
155 0.0 70.2 105.4#
157 0.0 90.6 135.8#





#69

1,3,5-Trichlorobenzene

Concen: 0.108 ug/L

RT: 12.596 min Scan# 3594

Delta R.T. 0.010 min

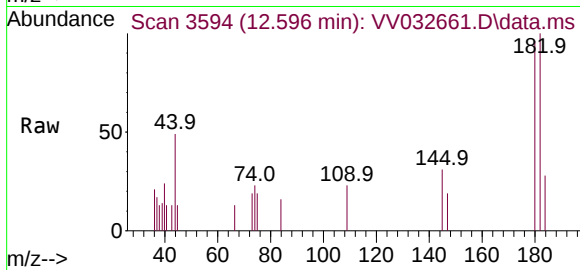
Lab File: VV032661.D

Acq: 26 Oct 2023 14:42

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1311

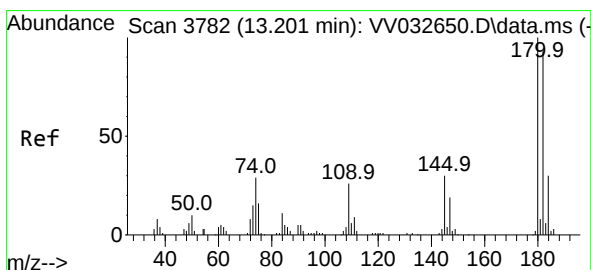
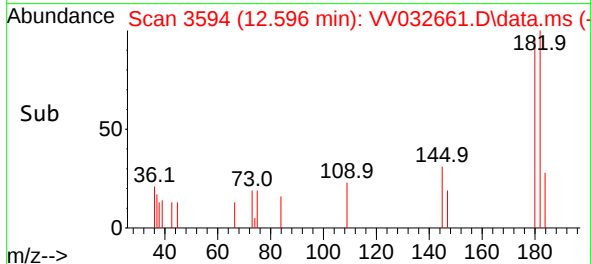
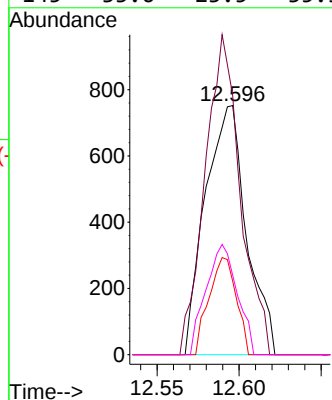
Ion Ratio Lower Upper

180 100

182 109.8 74.6 112.0

184 25.9 24.1 36.1

145 33.6 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 0.175 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.003 min

Lab File: VV032661.D

Acq: 26 Oct 2023 14:42

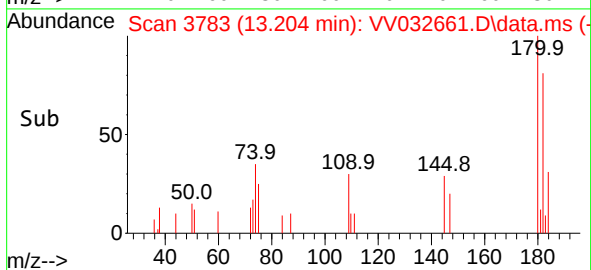
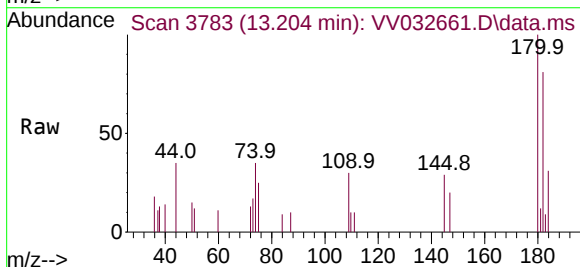
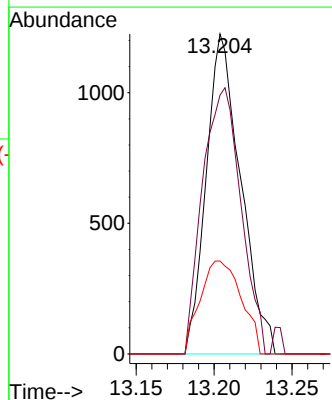
Tgt Ion:180 Resp: 1881

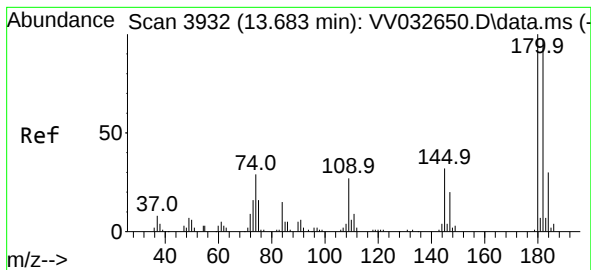
Ion Ratio Lower Upper

180 100

182 92.8 76.5 114.7

145 34.8 24.3 36.5





#72

1,2,3-Trichlorobenzene

Concen: 0.146 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.003 min

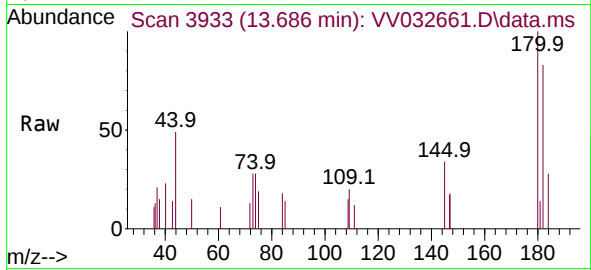
Lab File: VV032661.D

Acq: 26 Oct 2023 14:42

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1353

Ion Ratio Lower Upper

180 100

182 91.9 77.0 115.4

145 30.7 25.7 38.5

