

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102523\
 Data File : VW032623.D
 Acq On : 25 Oct 2023 11:15
 Operator : SY/MD
 Sample : 04992-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

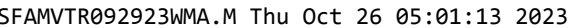
Quant Time: Oct 26 05:01:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 26 04:59:52 2023
 Response via : Initial Calibration

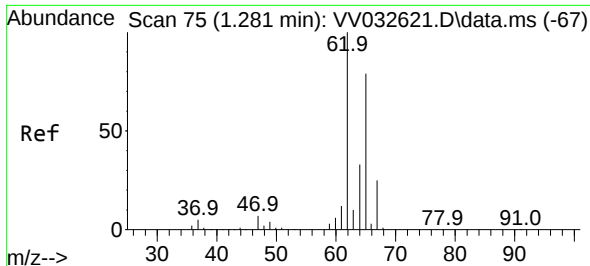
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	95205	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	95107	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	43629	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	21292	2.750	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.000%
7) Chloroethane-d5	1.532	69	22899	3.643	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	2.060	65	9036	2.767	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.400%#
20) 2-Butanone-d5	3.809	46	83949	42.860	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.720%
24) Chloroform-d	4.249	84	51779	3.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
26) 1,2-Dichloroethane-d4	4.947	65	27386	4.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	4.963	84	90088	3.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.400%#
36) 1,2-Dichloropropane-d6	5.992	67	35036	3.779	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.600%
41) Toluene-d8	7.246	98	74682	2.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.400%#
43) trans-1,3-Dichloroprop...	7.558	79	10177	3.097	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.000%
46) 2-Hexanone-d5	8.030	63	68354	44.216	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.440%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	29966	4.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	33648	4.156	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.282	62	2239	0.219	ug/L	90
13) Acetone	2.381	43	224683	148.830	ug/L	42
14) Carbon disulfide	2.243	76	7519	0.308	ug/L	97
15) Methyl Acetate	2.381	43	239418	70.446	ug/L	98
21) 2-Butanone	3.915	43	15445	6.542	ug/L	87
22) cis-1,2-Dichloroethene	3.815	96	155456	18.052	ug/L	97
35) Methylcyclohexane	5.992	83	8286	0.586	ug/L #	17
39) cis-1,3-Dichloropropene	6.918	75	833	0.065	ug/L #	48
47) Tetrachloroethene	7.911	164	6713	0.968	ug/L	89
49) Dibromochloromethane	7.908	129	6445	0.980	ug/L #	8
61) 1,2,3-Trichloropropane	11.188	75	5885	1.267	ug/L #	67
63) 1,2,4-Trimethylbenzene	10.857	105	2263	0.082	ug/L	98

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

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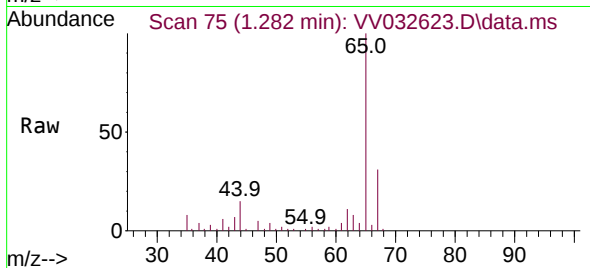


#5
 Vinyl chloride
 Concen: 0.219 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV032623.D
 Acq: 25 Oct 2023 11:15

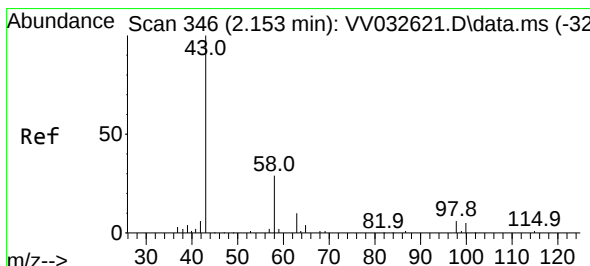
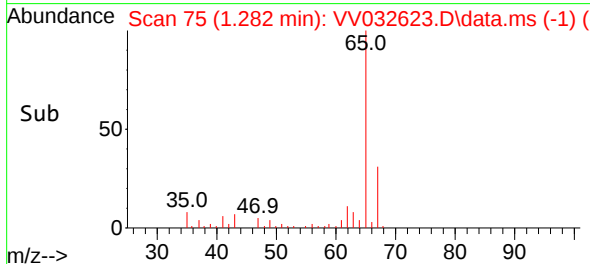
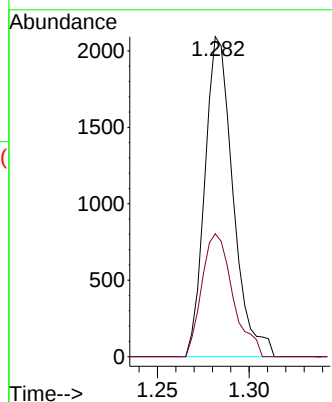
Instrument :

MSVOA_V

ClientSampleId :

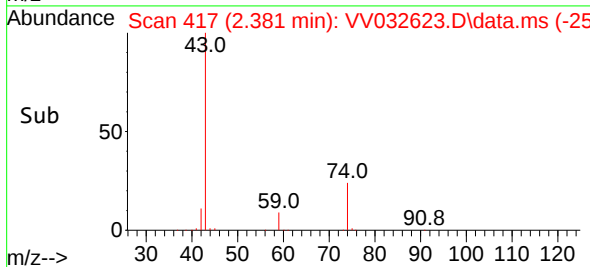
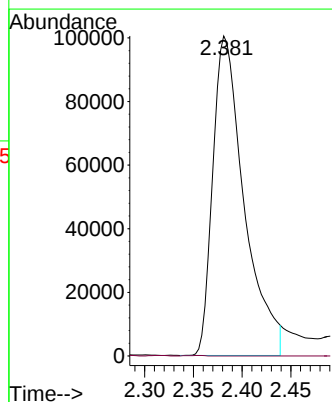
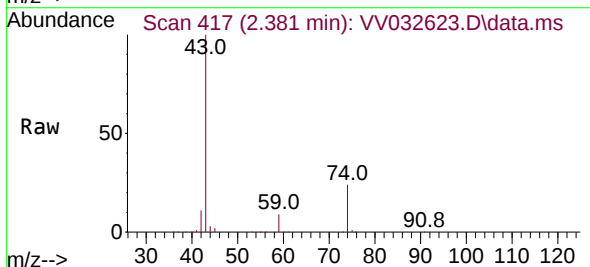


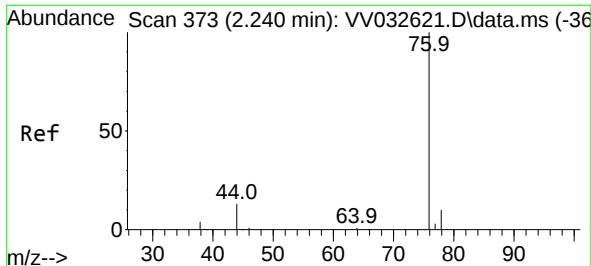
Tgt Ion: 62 Resp: 2239
 Ion Ratio Lower Upper
 62 100
 64 38.5 23.1 42.9



#13
 Acetone
 Concen: 148.830 ug/L
 RT: 2.381 min Scan# 417
 Delta R.T. 0.228 min
 Lab File: VV032623.D
 Acq: 25 Oct 2023 11:15

Tgt Ion: 43 Resp: 224683
 Ion Ratio Lower Upper
 43 100
 58 0.1 0.0 66.0

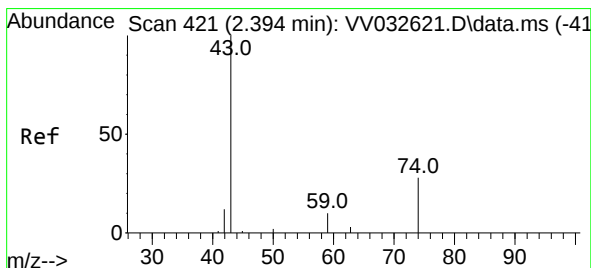
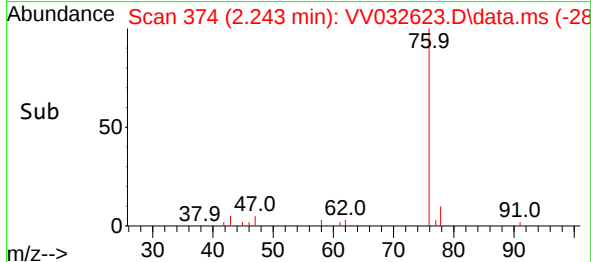
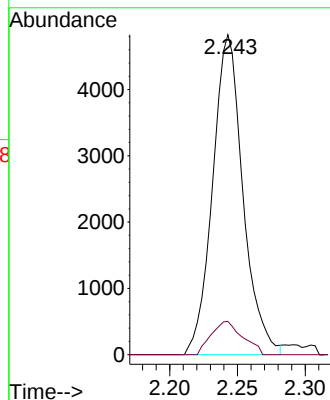
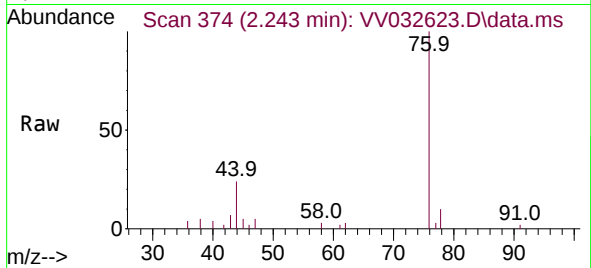




#14
Carbon disulfide
Concen: 0.308 ug/L
RT: 2.243 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV032623.D
Acq: 25 Oct 2023 11:15

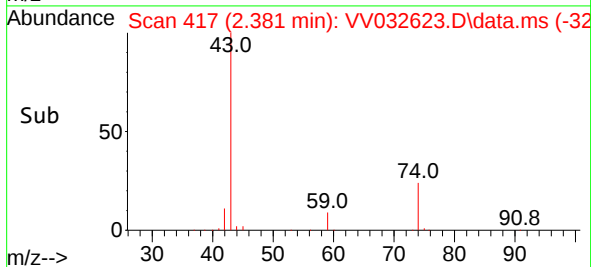
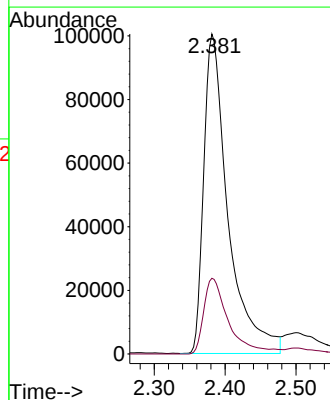
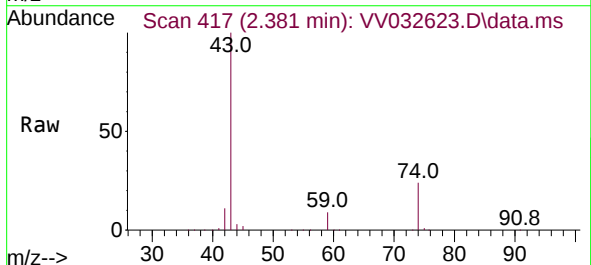
Instrument :
MSVOA_V
ClientSampleId :

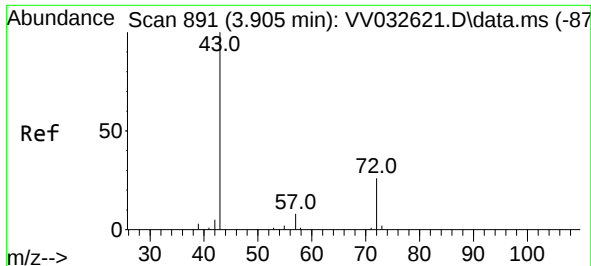
Tgt Ion: 76 Resp: 7519
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.2



#15
Methyl Acetate
Concen: 70.446 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.013 min
Lab File: VV032623.D
Acq: 25 Oct 2023 11:15

Tgt Ion: 43 Resp: 239418
Ion Ratio Lower Upper
43 100
74 23.7 18.0 27.0

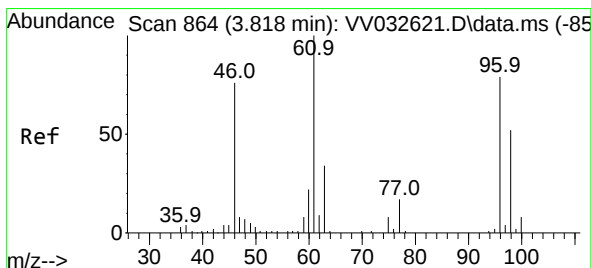
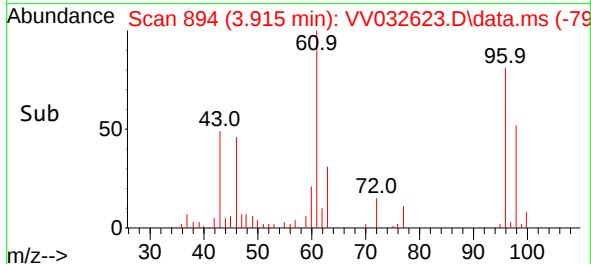
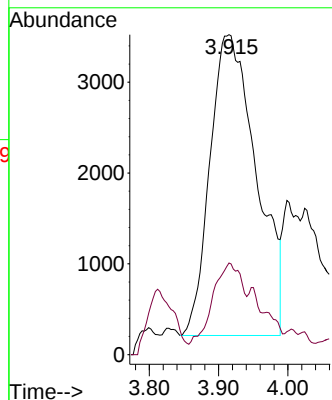
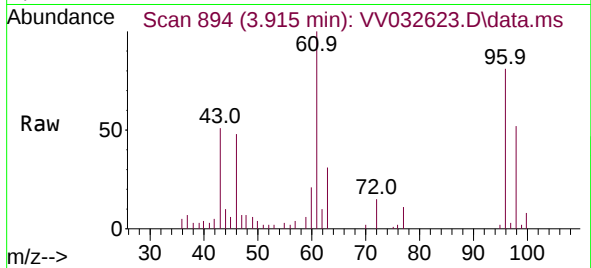




#21
2-Butanone
Concen: 6.542 ug/L
RT: 3.915 min Scan# 891
Delta R.T. 0.010 min
Lab File: VV032623.D
Acq: 25 Oct 2023 11:15

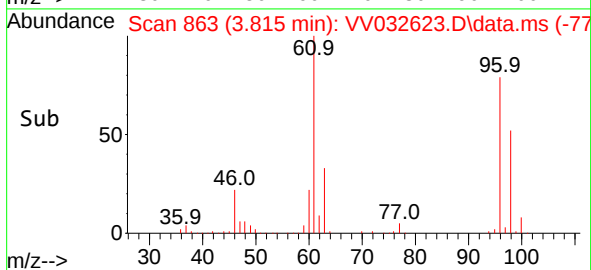
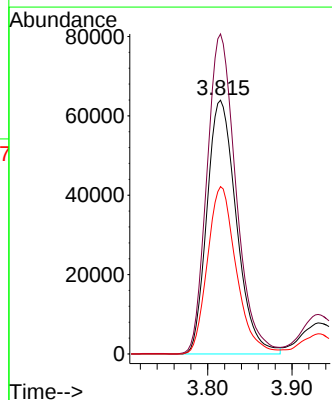
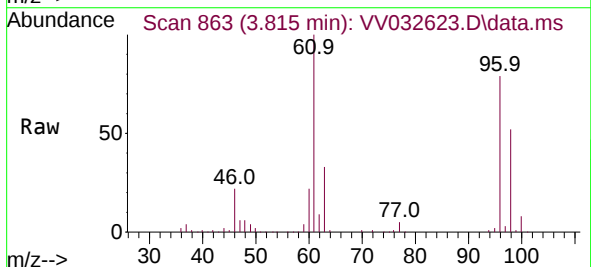
Instrument :
MSVOA_V
ClientSampleId :

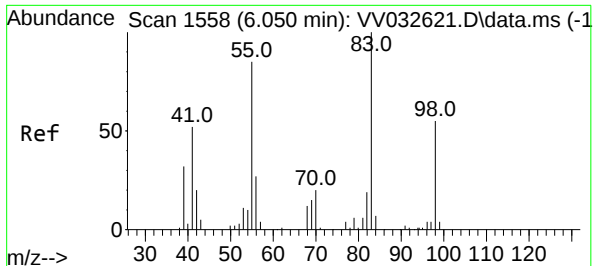
Tgt Ion: 43 Resp: 15445
Ion Ratio Lower Upper
43 100
72 17.0 11.6 34.8



#22
cis-1,2-Dichloroethene
Concen: 18.052 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.003 min
Lab File: VV032623.D
Acq: 25 Oct 2023 11:15

Tgt Ion: 96 Resp: 155456
Ion Ratio Lower Upper
96 100
61 126.1 85.8 159.4
98 66.0 44.0 81.6

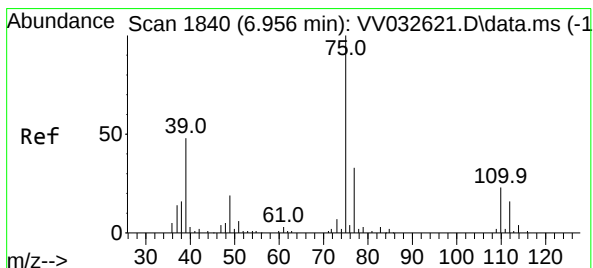
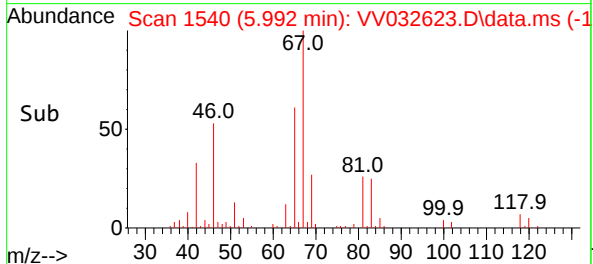
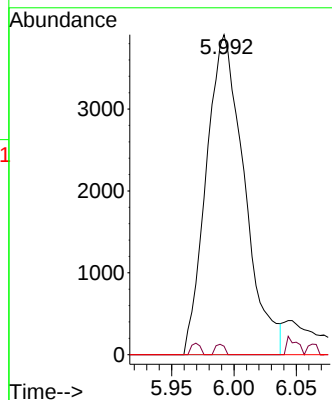
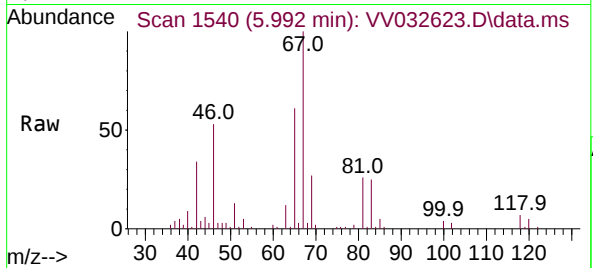




#35
Methylcyclohexane
Concen: 0.586 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV032623.D
Acq: 25 Oct 2023 11:15

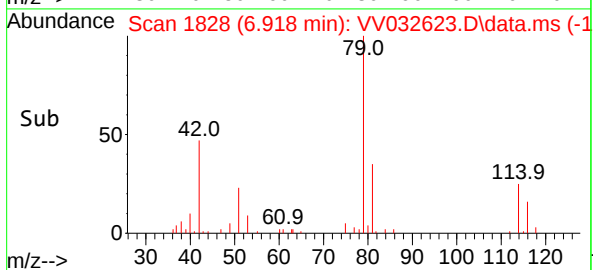
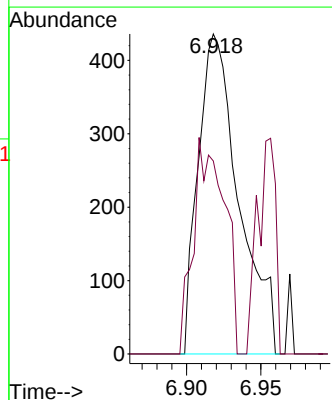
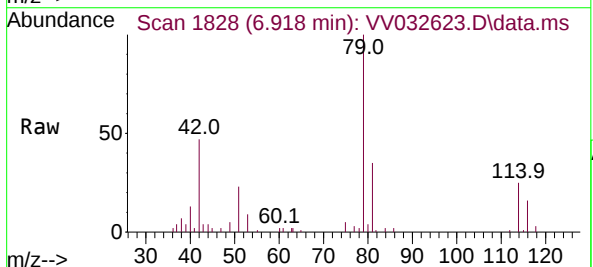
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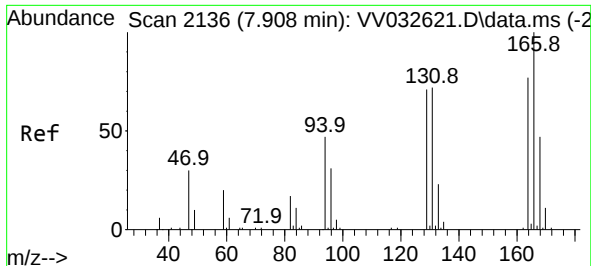
Tgt Ion: 83 Resp: 8286
Ion Ratio Lower Upper
83 100
55 0.8 64.2 96.2#
98 0.0 39.6 59.4#



#39
cis-1,3-Dichloropropene
Concen: 0.065 ug/L
RT: 6.918 min Scan# 1828
Delta R.T. -0.038 min
Lab File: VV032623.D
Acq: 25 Oct 2023 11:15

Tgt Ion: 75 Resp: 833
Ion Ratio Lower Upper
75 100
77 60.3 22.2 41.2#





#47

Tetrachloroethene

Concen: 0.968 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.003 min

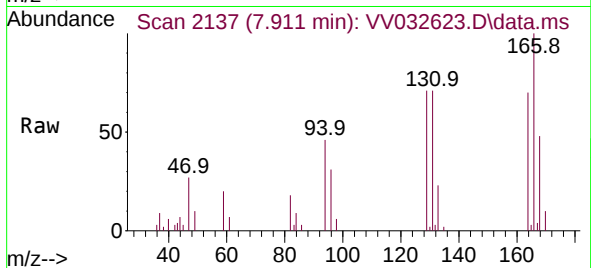
Lab File: VV032623.D

Acq: 25 Oct 2023 11:15

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 6713

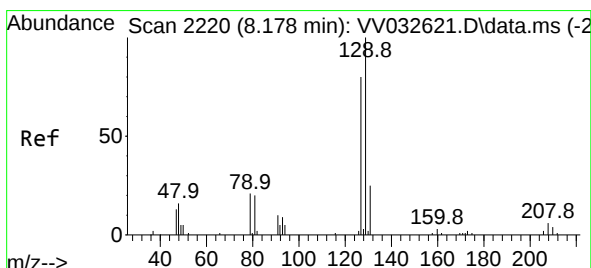
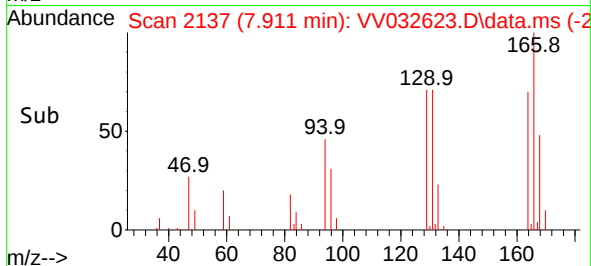
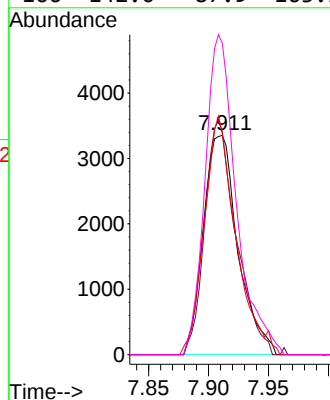
Ion Ratio Lower Upper

164 100

129 101.4 66.4 123.4

131 101.0 63.7 118.3

166 142.0 87.9 163.3



#49

Dibromochloromethane

Concen: 0.980 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.270 min

Lab File: VV032623.D

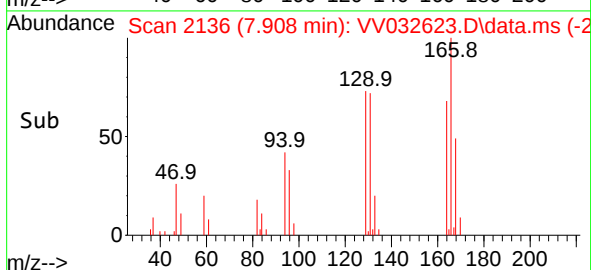
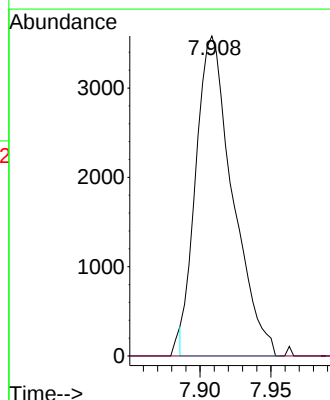
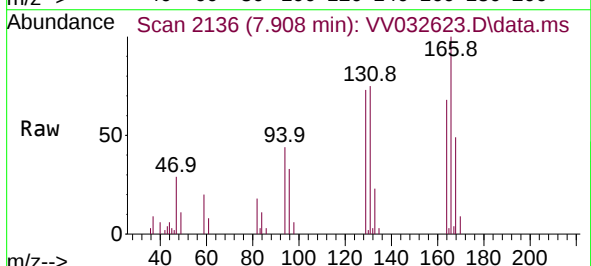
Acq: 25 Oct 2023 11:15

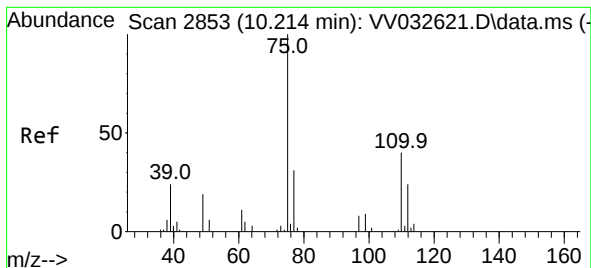
Tgt Ion:129 Resp: 6445

Ion Ratio Lower Upper

129 100

127 0.0 57.2 106.2#





#61

1,2,3-Trichloropropane

Concen: 1.267 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.974 min

Lab File: VV032623.D

Acq: 25 Oct 2023 11:15

Instrument :

MSVOA_V

ClientSampleId :

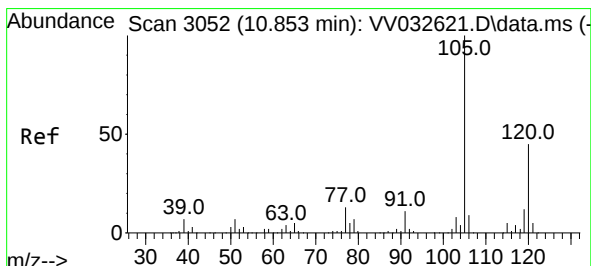
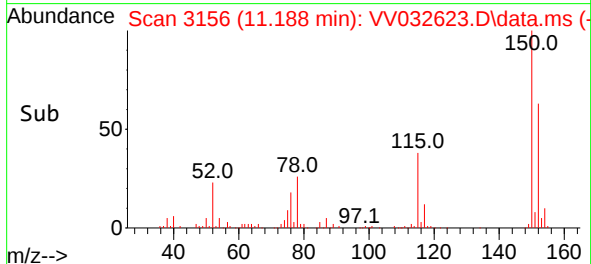
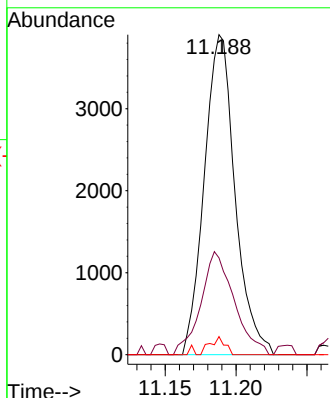
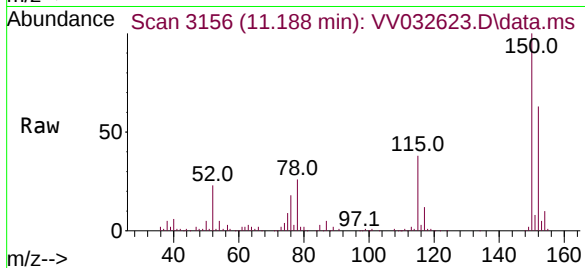
Tgt Ion: 75 Resp: 5885

Ion Ratio Lower Upper

75 100

77 34.8 26.2 39.2

110 2.8 30.6 46.0#



#63

1,2,4-Trimethylbenzene

Concen: 0.082 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.003 min

Lab File: VV032623.D

Acq: 25 Oct 2023 11:15

Tgt Ion: 105 Resp: 2263

Ion Ratio Lower Upper

105 100

120 44.1 36.2 54.4

