

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011624\
 Data File : VW033699.D
 Acq On : 17 Jan 2024 02:55
 Operator : SY/MD
 Sample : P1143-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 03:34:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 17 01:35:32 2024
 Response via : Initial Calibration

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

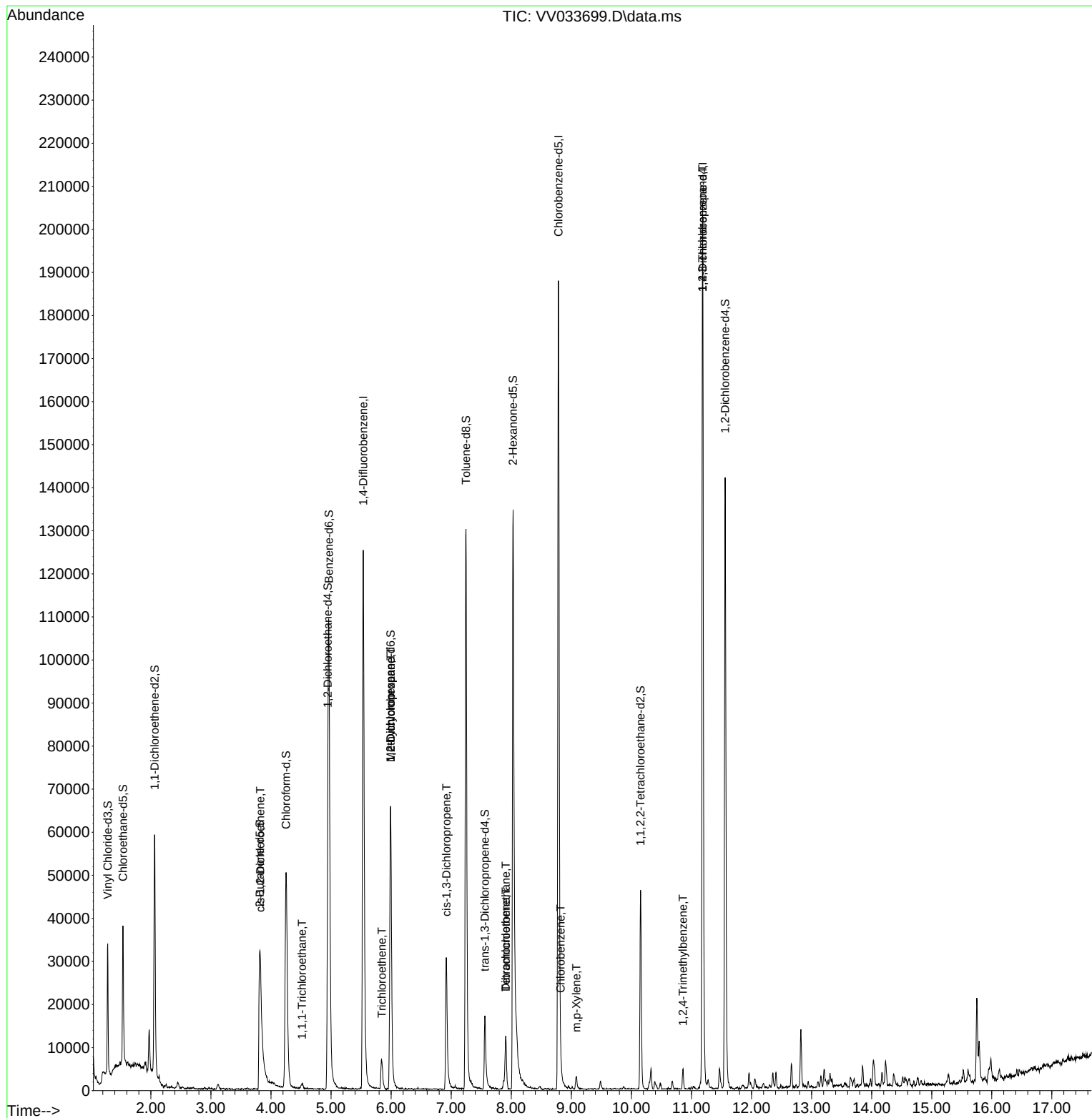
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	107593	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	100418	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	52603	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	19087	3.244	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.800%
7) Chloroethane-d5	1.536	69	19667	3.769	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.063	65	9857	3.718	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	3.812	46	64735	45.002	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.000%
24) Chloroform-d	4.249	84	53593	4.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	4.947	65	26147	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	4.963	84	97621	4.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	5.992	67	33163	4.105	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.200%
41) Toluene-d8	7.246	98	88785	4.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.561	79	11307	4.049	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.030	63	53625	48.907	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.820%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	22570	4.782	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	34822	4.312	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.822	96	2605	0.290	ug/L	83
29) 1,1,1-Trichloroethane	4.516	97	1413	0.099	ug/L #	84
34) Trichloroethene	5.847	95	2787	0.294	ug/L	84
35) Methylcyclohexane	5.992	83	7709	0.480	ug/L #	15
37) 1,2-Dichloropropane	5.992	63	3964	0.448	ug/L #	87
39) cis-1,3-Dichloropropene	6.921	75	898	0.071	ug/L #	49
47) Tetrachloroethene	7.908	164	2899	0.425	ug/L	93
49) Dibromochloromethane	7.908	129	2516	0.411	ug/L #	11
51) Chlorobenzene	8.821	112	1762	0.076	ug/L #	73
53) m,p-Xylene	9.085	106	1107	0.069	ug/L	89
61) 1,2,3-Trichloropropane	11.185	75	6960	1.651	ug/L #	67
63) 1,2,4-Trimethylbenzene	10.857	105	2875	0.079	ug/L	98

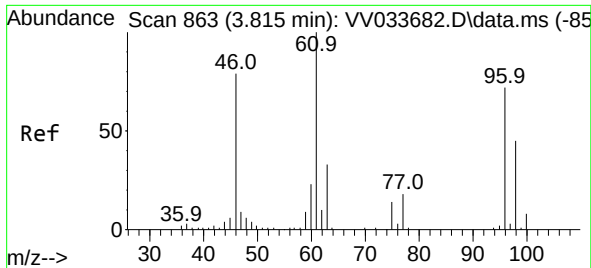
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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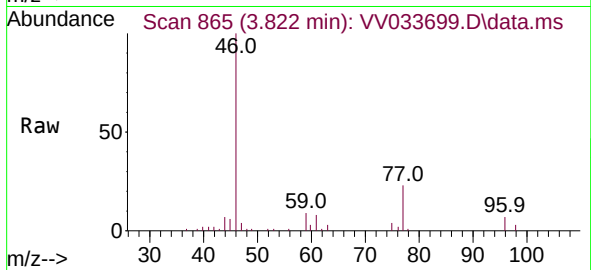
Quant Time: Jan 17 03:34:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
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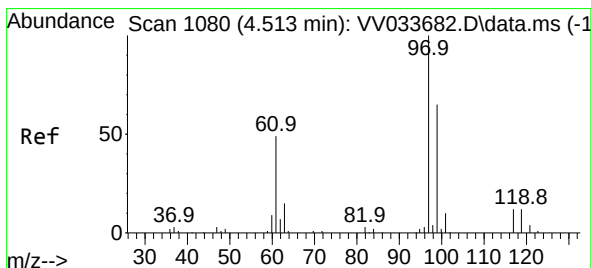
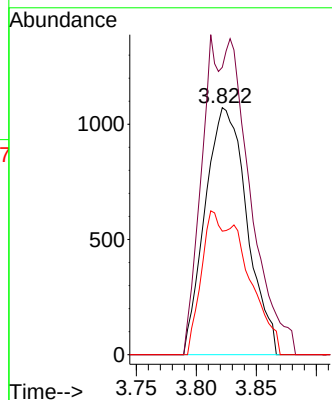
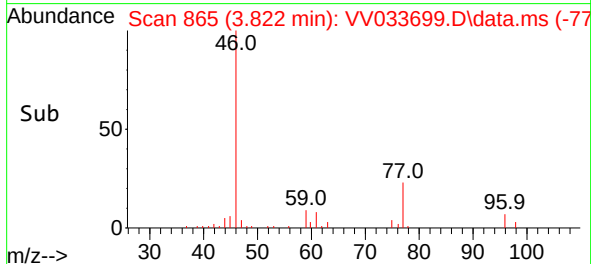


#22
 cis-1,2-Dichloroethene
 Concen: 0.290 ug/L
 RT: 3.822 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VV033699.D
 Acq: 17 Jan 2024 02:55

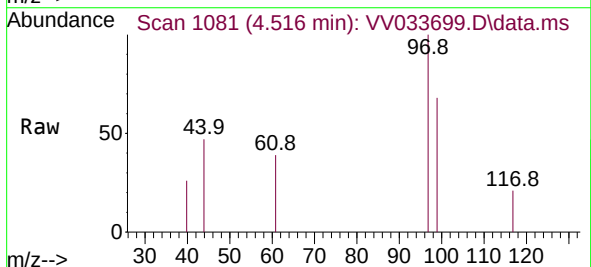
Instrument :
 MSVOA_V
 ClientSampleId :



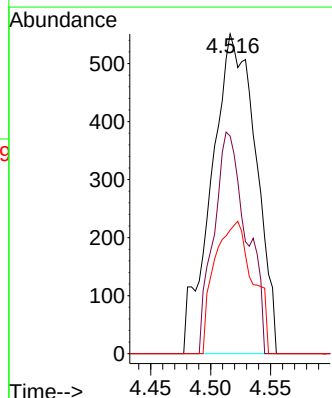
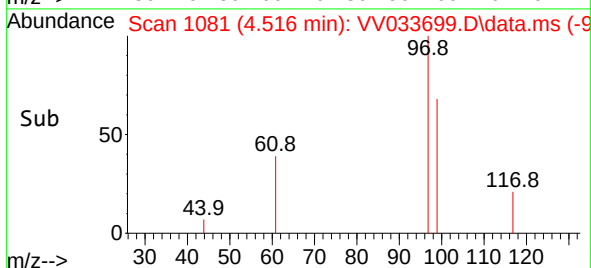
Tgt Ion: 96 Resp: 2605
 Ion Ratio Lower Upper
 96 100
 61 116.3 97.1 180.3
 98 50.0 42.6 79.0

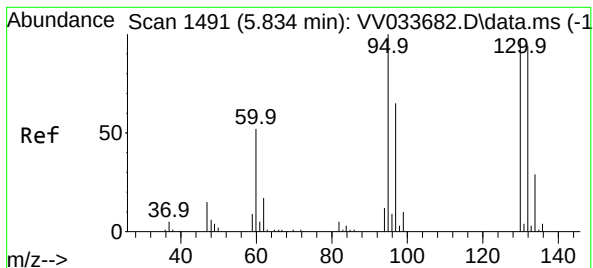


#29
 1,1,1-Trichloroethane
 Concen: 0.099 ug/L
 RT: 4.516 min Scan# 1081
 Delta R.T. 0.003 min
 Lab File: VV033699.D
 Acq: 17 Jan 2024 02:55



Tgt Ion: 97 Resp: 1413
 Ion Ratio Lower Upper
 97 100
 99 51.5 50.8 76.2
 61 35.9 38.1 57.1#





#34

Trichloroethene

Concen: 0.294 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.013 min

Lab File: VV033699.D

Acq: 17 Jan 2024 02:55

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 2787

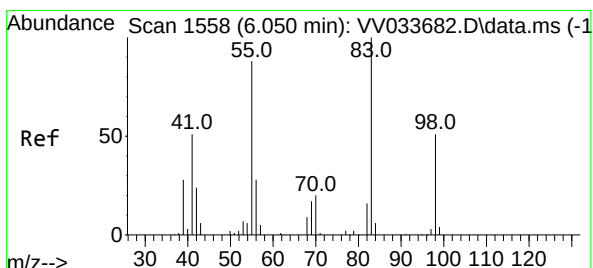
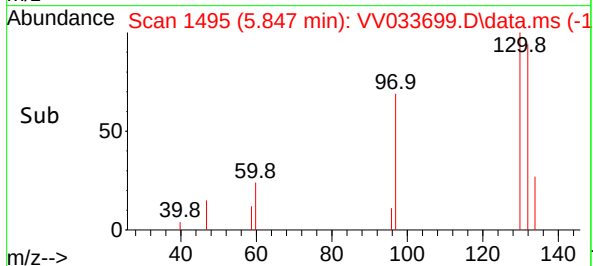
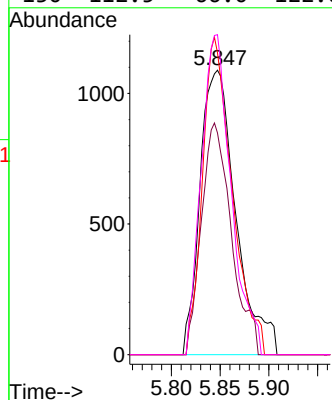
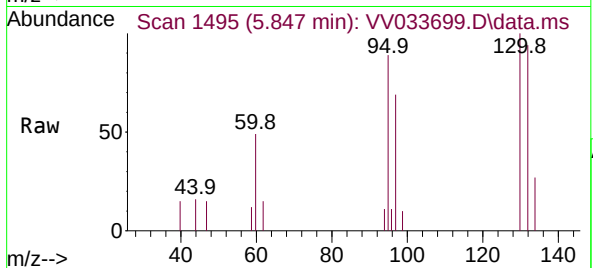
Ion Ratio Lower Upper

95 100

97 78.0 45.1 83.9

132 106.2 65.2 121.2

130 112.5 66.0 122.6



#35

Methylcyclohexane

Concen: 0.480 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.058 min

Lab File: VV033699.D

Acq: 17 Jan 2024 02:55

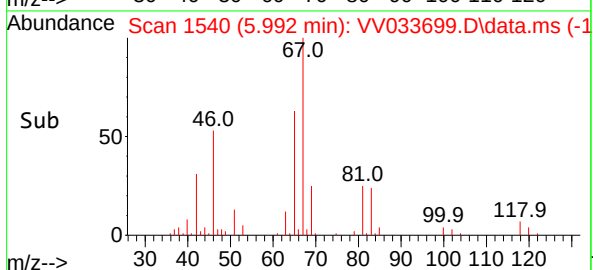
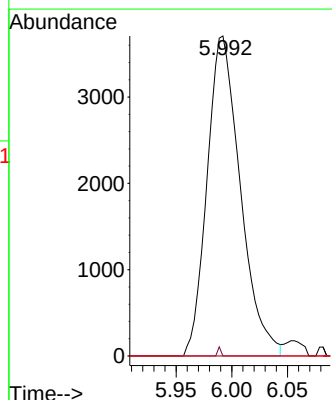
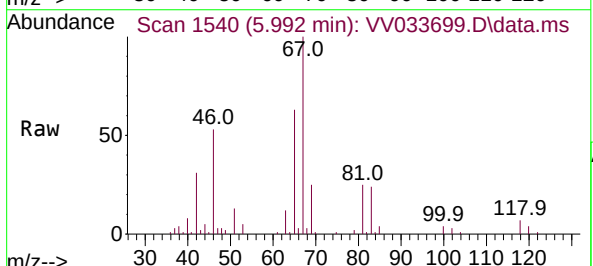
Tgt Ion: 83 Resp: 7709

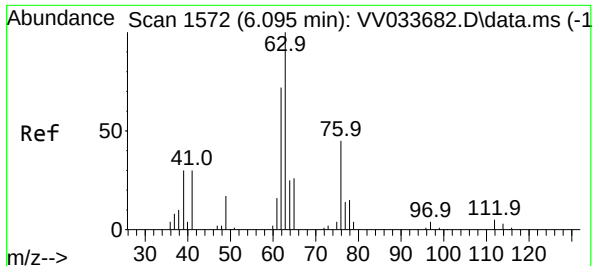
Ion Ratio Lower Upper

83 100

55 0.3 68.7 103.1#

98 0.9 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.448 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV033699.D

Acq: 17 Jan 2024 02:55

Instrument :

MSVOA_V

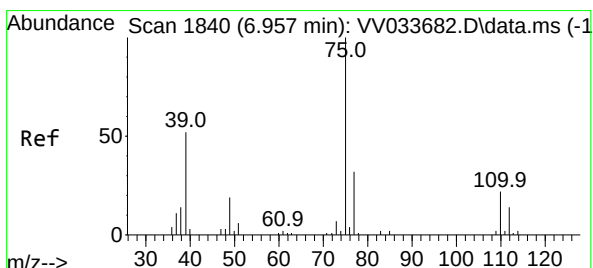
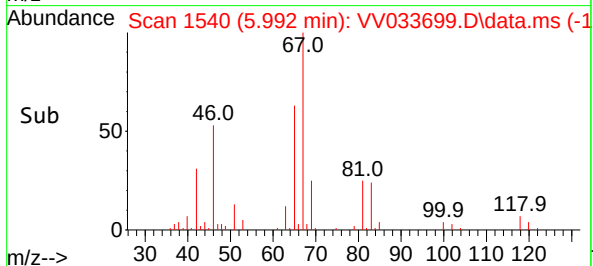
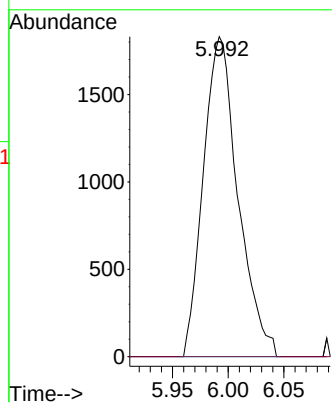
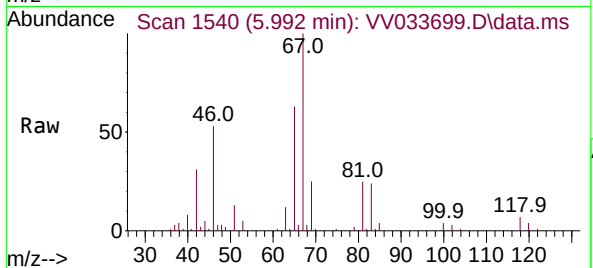
ClientSampleId :

Tgt Ion: 63 Resp: 3964

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.035 min

Lab File: VV033699.D

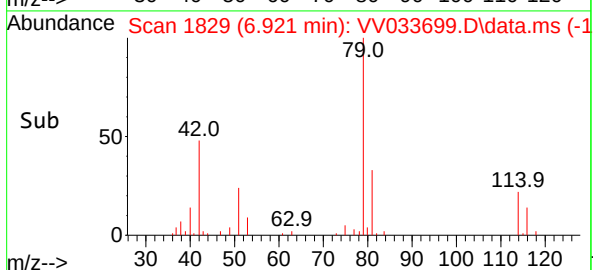
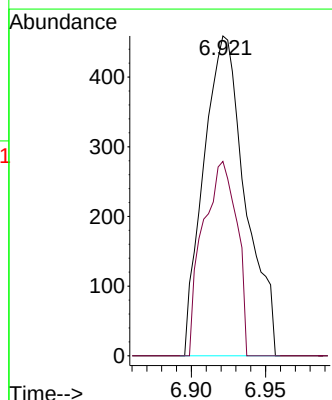
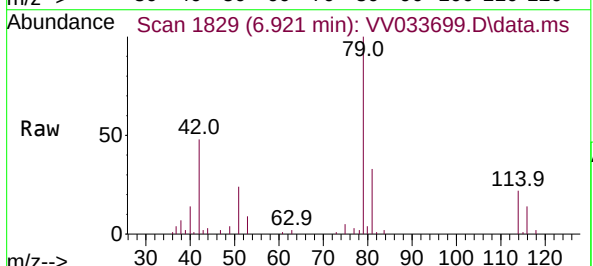
Acq: 17 Jan 2024 02:55

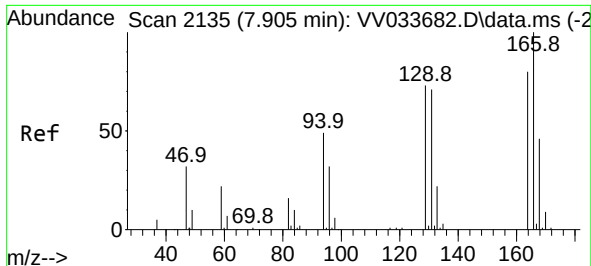
Tgt Ion: 75 Resp: 898

Ion Ratio Lower Upper

75 100

77 60.8 22.5 41.7#





#47

Tetrachloroethene

Concen: 0.425 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

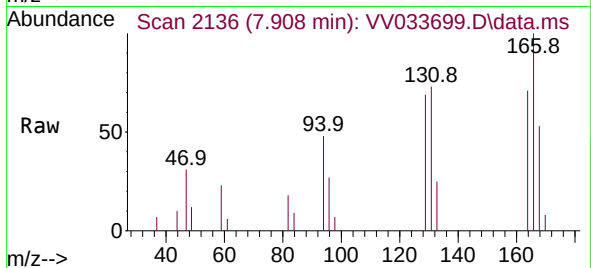
Lab File: VV033699.D

Acq: 17 Jan 2024 02:55

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 2899

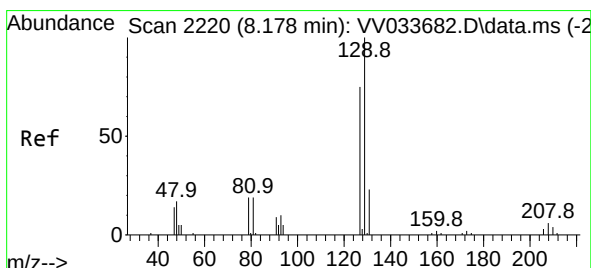
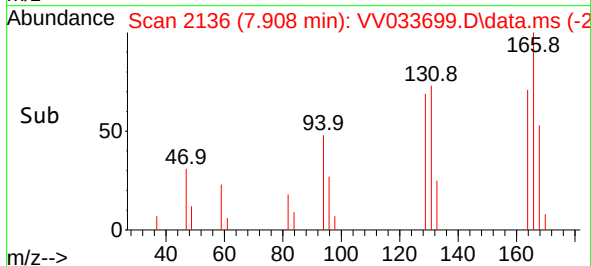
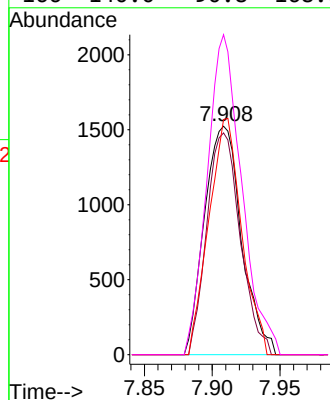
Ion Ratio Lower Upper

164 100

129 97.0 67.1 124.7

131 102.9 65.0 120.6

166 140.0 90.8 168.6



#49

Dibromochloromethane

Concen: 0.411 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.270 min

Lab File: VV033699.D

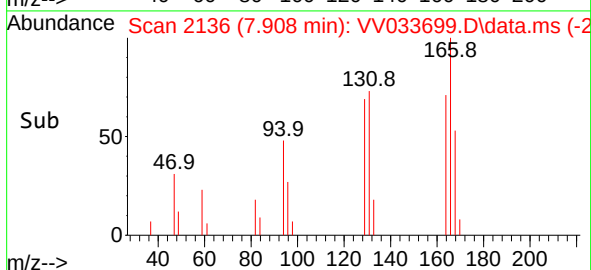
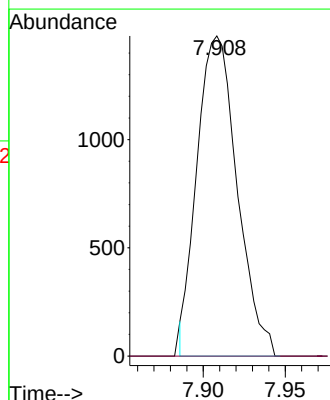
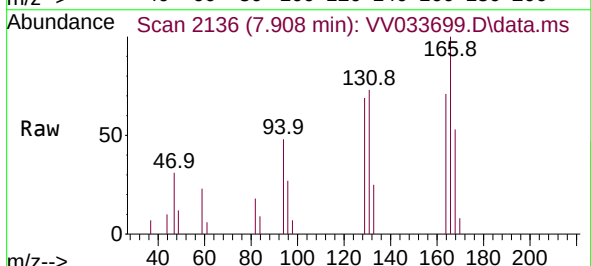
Acq: 17 Jan 2024 02:55

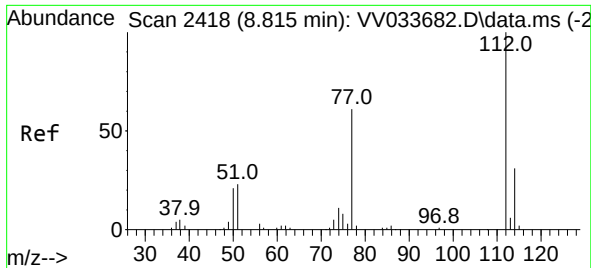
Tgt Ion:129 Resp: 2516

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#

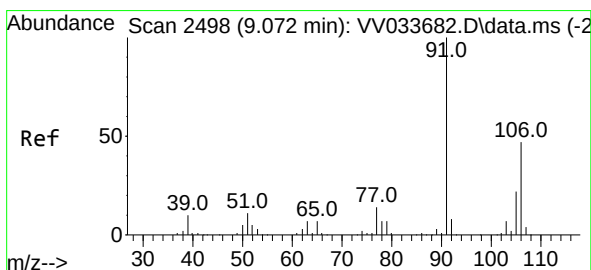
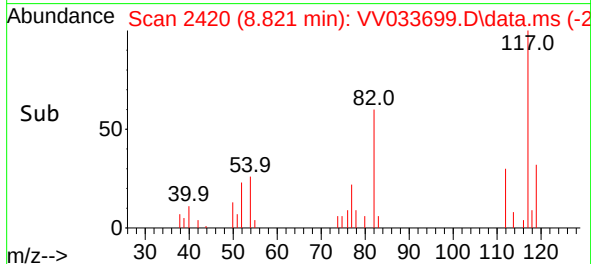
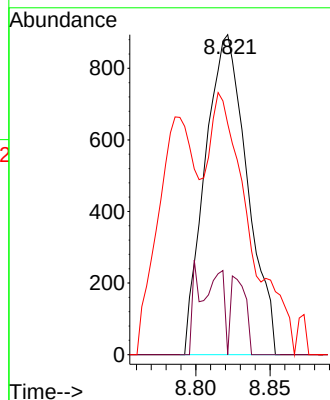
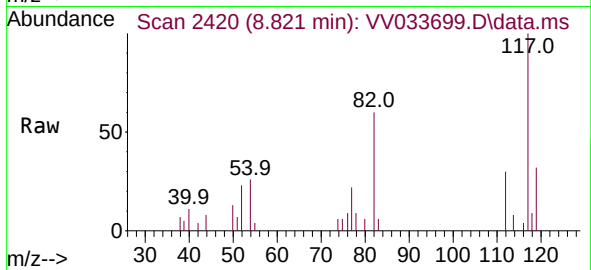




#51
Chlorobenzene
Concen: 0.076 ug/L
RT: 8.821 min Scan# 2418
Delta R.T. 0.006 min
Lab File: VV033699.D
Acq: 17 Jan 2024 02:55

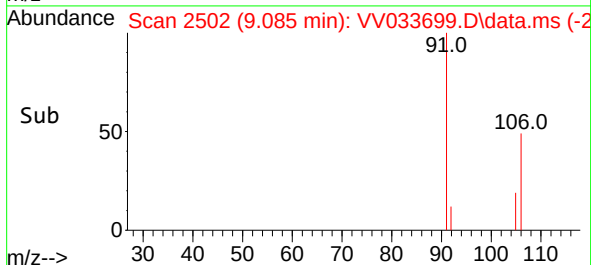
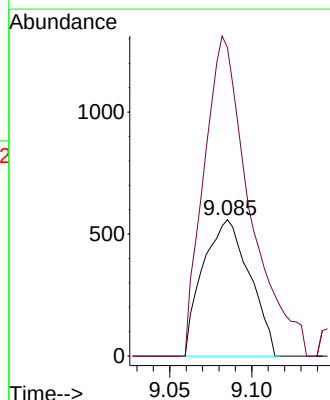
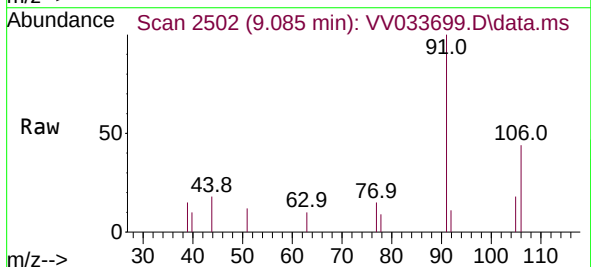
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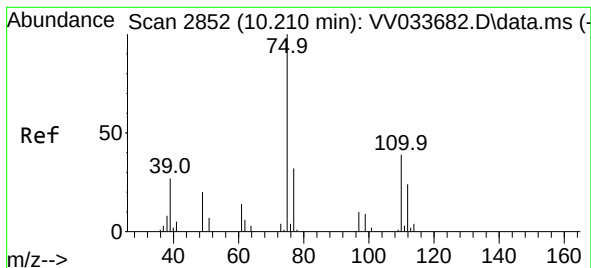
Tgt Ion:112 Resp: 1762
Ion Ratio Lower Upper
112 100
114 0.0 22.9 42.5#
77 72.1 50.8 76.2



#53
m,p-Xylene
Concen: 0.069 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.013 min
Lab File: VV033699.D
Acq: 17 Jan 2024 02:55

Tgt Ion:106 Resp: 1107
Ion Ratio Lower Upper
106 100
91 226.3 146.2 271.4





#61

1,2,3-Trichloropropane

Concen: 1.651 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV033699.D

Acq: 17 Jan 2024 02:55

Instrument :

MSVOA_V

ClientSampleId :

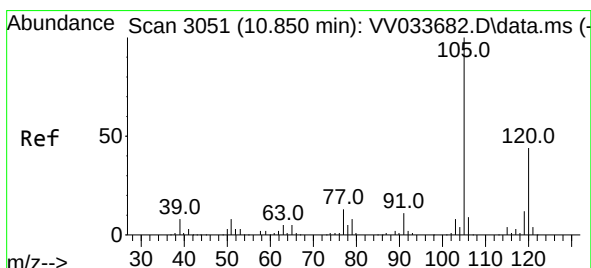
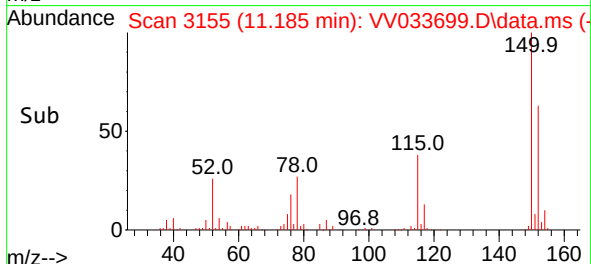
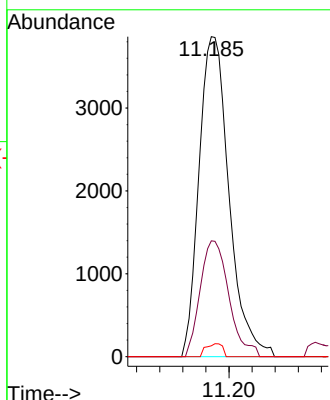
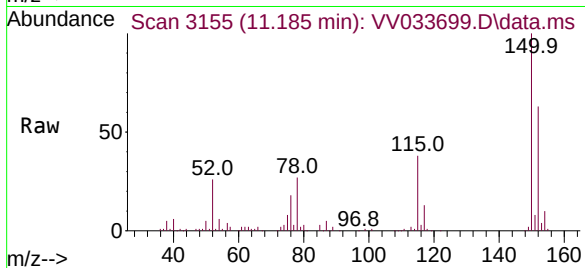
Tgt Ion: 75 Resp: 6960

Ion Ratio Lower Upper

75 100

77 34.6 24.7 37.1

110 2.2 28.0 42.0#



#63

1,2,4-Trimethylbenzene

Concen: 0.079 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.006 min

Lab File: VV033699.D

Acq: 17 Jan 2024 02:55

Tgt Ion: 105 Resp: 2875

Ion Ratio Lower Upper

105 100

120 42.9 35.5 53.3

