

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020824\
 Data File : VV034065.D
 Acq On : 08 Feb 2024 17:44
 Operator : SY/MD
 Sample : P1400-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

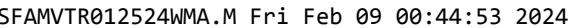
Quant Time: Feb 09 00:44:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 00:39:09 2024
 Response via : Initial Calibration

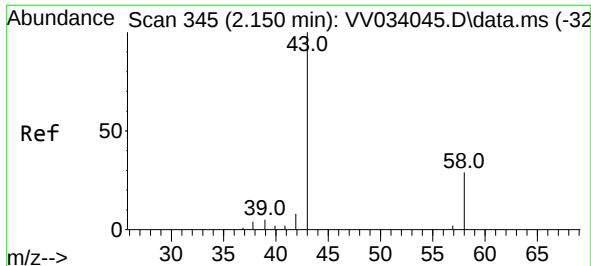
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	83099	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	79647	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	40403	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20253	3.147	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.000%
7) Chloroethane-d5	1.532	69	20359	3.612	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	2.059	65	11179	3.602	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	3.815	46	51350	47.508	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.020%
24) Chloroform-d	4.256	84	49513	4.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	4.947	65	25012	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	4.963	84	91355	3.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	5.992	67	27403	4.102	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.246	98	83922	3.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	7.561	79	9522	3.775	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.027	63	46287	51.408	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.820%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	19174	4.735	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	31661	4.309	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						Qvalue
13) Acetone	2.137	43	20402	24.880	ug/L #	34
15) Methyl Acetate	2.137	43	19314	9.952	ug/L #	53
17) Methyl tert-butyl Ether	2.712	73	3670	0.308	ug/L #	85
25) Chloroform	4.275	83	2199	0.200	ug/L	95
34) Trichloroethene	5.847	95	1970	0.285	ug/L	87
35) Methylcyclohexane	5.989	83	6843	0.631	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3683	0.636	ug/L #	87
47) Tetrachloroethene	7.908	164	16600	2.955	ug/L	97
49) Dibromochloromethane	7.908	129	15628	3.681	ug/L #	11
53) m,p-Xylene	9.079	106	2909	0.262	ug/L	95
54) o-Xylene	9.490	106	912	0.085	ug/L	99
61) 1,2,3-Trichloropropane	11.185	75	5140	1.851	ug/L #	63
63) 1,2,4-Trimethylbenzene	10.860	105	2580	0.105	ug/L	97

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

Quant Time: Feb 09 00:44:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 09 00:39:09 2024
Response via : Initial Calibration





#13

Acetone

Concen: 24.880 ug/L

RT: 2.137 min Scan# 341

Delta R.T. -0.013 min

Lab File: VV034065.D

Acq: 08 Feb 2024 17:44

Instrument :

MSVOA_V

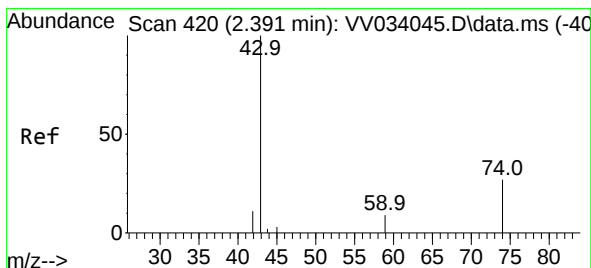
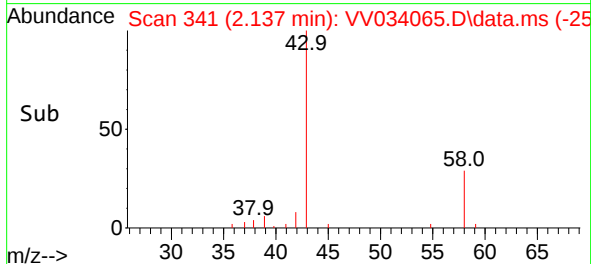
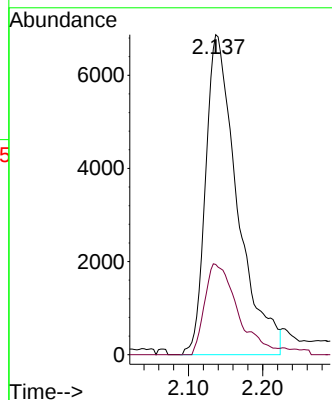
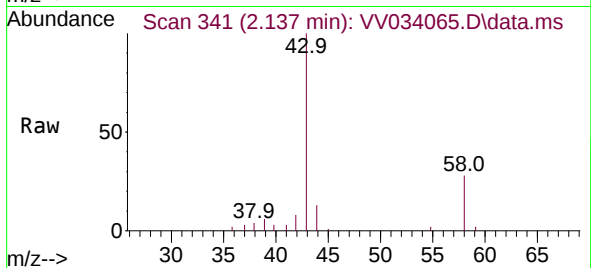
ClientSampleId :

Tgt Ion: 43 Resp: 20402

Ion Ratio Lower Upper

43 100

58 29.5 0.0 13.8#



#15

Methyl Acetate

Concen: 9.952 ug/L

RT: 2.137 min Scan# 341

Delta R.T. -0.254 min

Lab File: VV034065.D

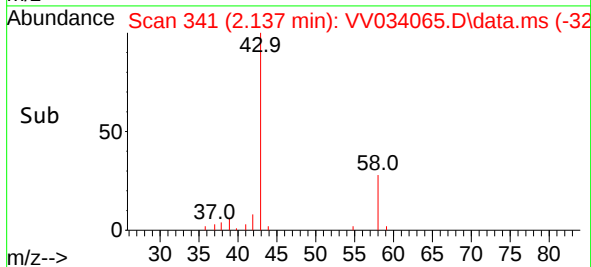
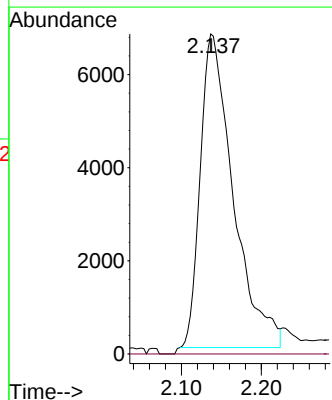
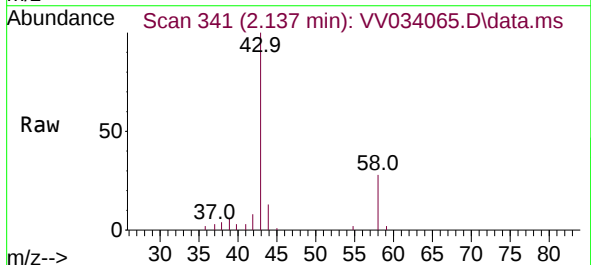
Acq: 08 Feb 2024 17:44

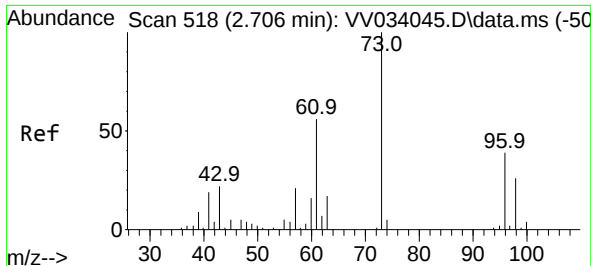
Tgt Ion: 43 Resp: 19314

Ion Ratio Lower Upper

43 100

74 0.0 18.2 27.4#





#17

Methyl tert-butyl Ether

Concen: 0.308 ug/L

RT: 2.712 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV034065.D

Acq: 08 Feb 2024 17:44

Instrument :

MSVOA_V

ClientSampleId :

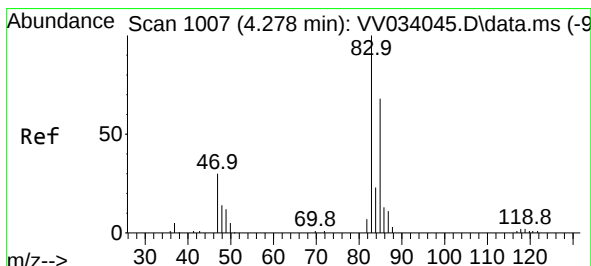
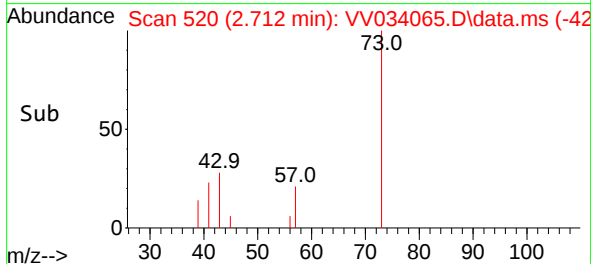
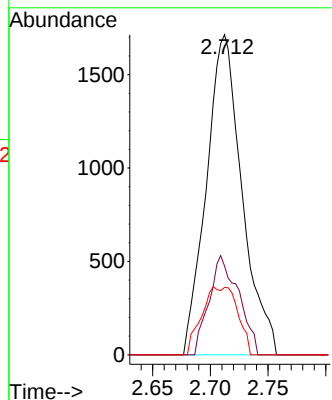
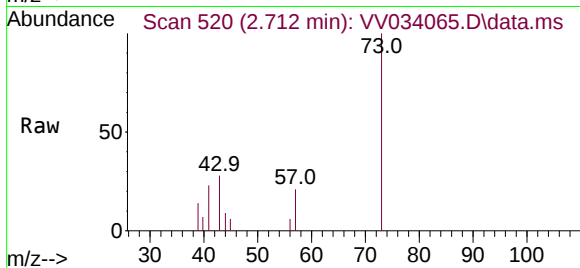
Tgt Ion: 73 Resp: 3670

Ion Ratio Lower Upper

73 100

43 25.7 17.7 26.5

57 12.0 17.9 26.9#



#25

Chloroform

Concen: 0.200 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV034065.D

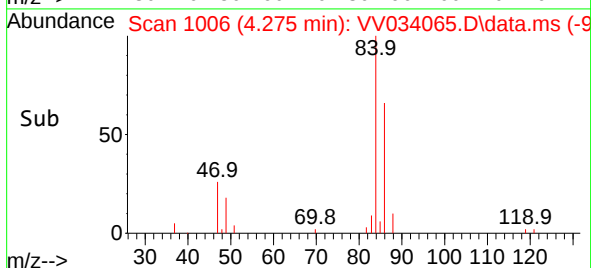
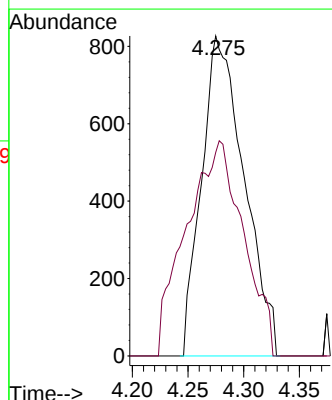
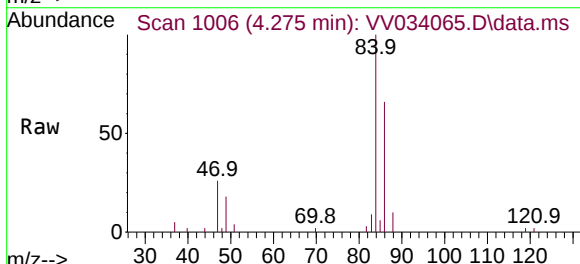
Acq: 08 Feb 2024 17:44

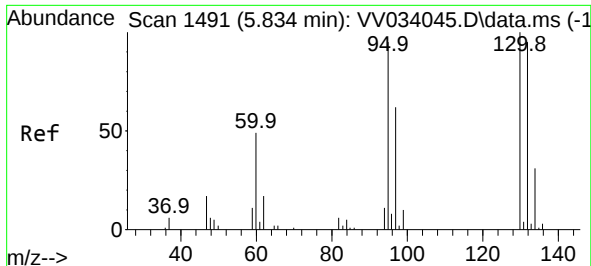
Tgt Ion: 83 Resp: 2199

Ion Ratio Lower Upper

83 100

85 63.6 47.5 88.1



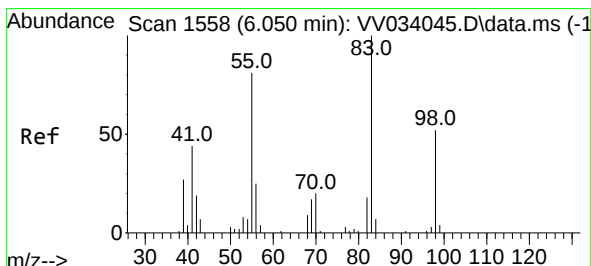
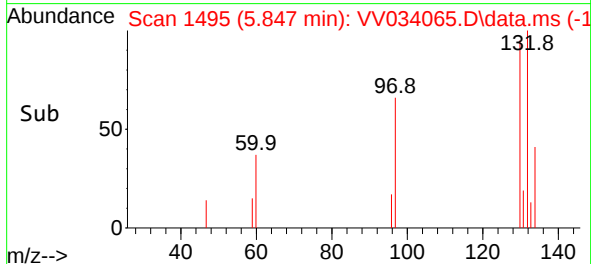
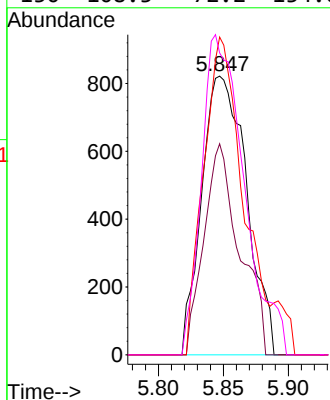
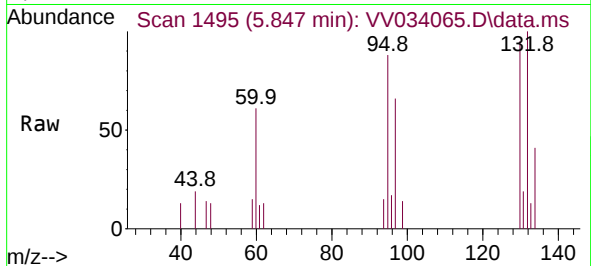


#34
Trichloroethene
Concen: 0.285 ug/L
RT: 5.847 min Scan# 1491
Delta R.T. 0.013 min
Lab File: VV034065.D
Acq: 08 Feb 2024 17:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 1970

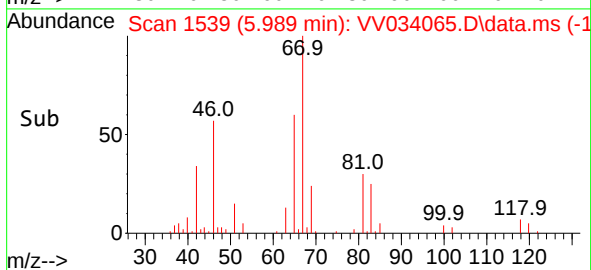
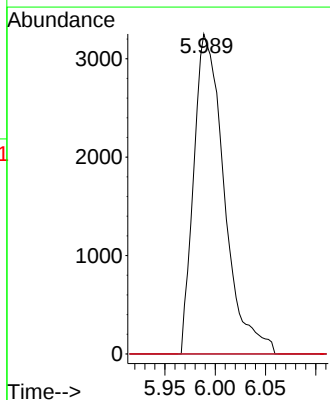
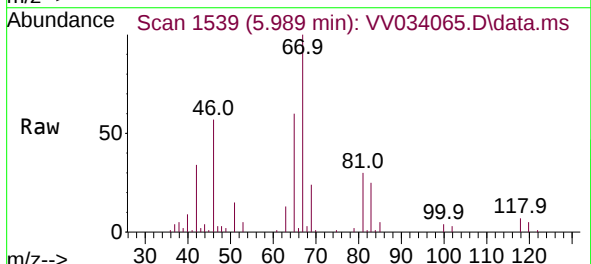
Ion	Ratio	Lower	Upper
95	100		
97	75.7	45.1	83.7
132	114.0	66.0	122.6
130	108.3	72.2	134.0

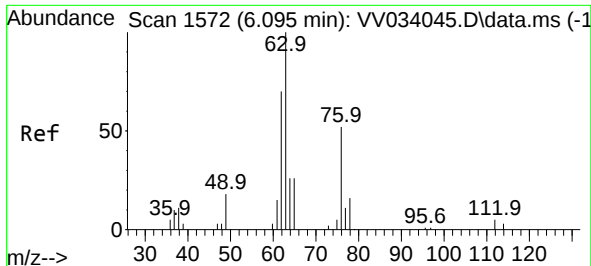


#35
Methylcyclohexane
Concen: 0.631 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.061 min
Lab File: VV034065.D
Acq: 08 Feb 2024 17:44

Tgt Ion: 83 Resp: 6843

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.5	95.3#
98	1.3	39.0	58.4#





#37

1,2-Dichloropropane

Concen: 0.636 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV034065.D

Acq: 08 Feb 2024 17:44

Instrument :

MSVOA_V

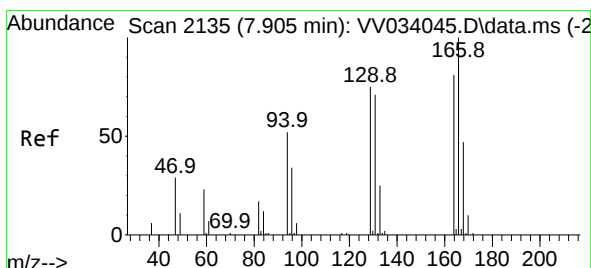
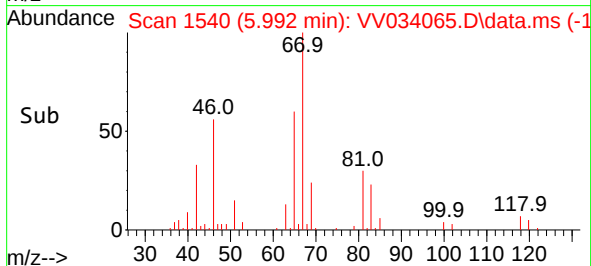
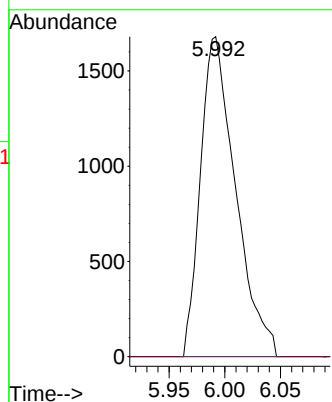
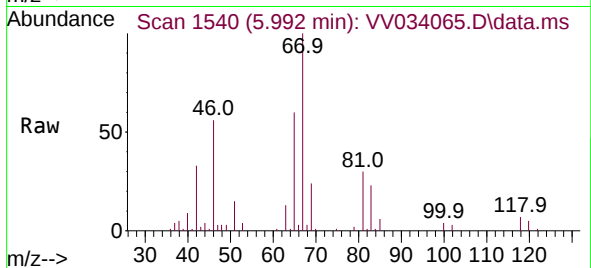
ClientSampleId :

Tgt Ion: 63 Resp: 3683

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#47

Tetrachloroethene

Concen: 2.955 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV034065.D

Acq: 08 Feb 2024 17:44

Tgt Ion:164 Resp: 16600

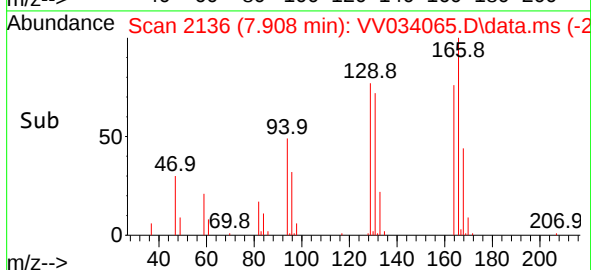
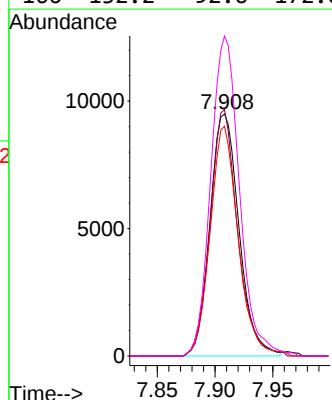
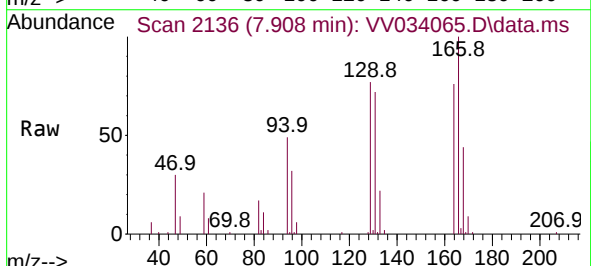
Ion Ratio Lower Upper

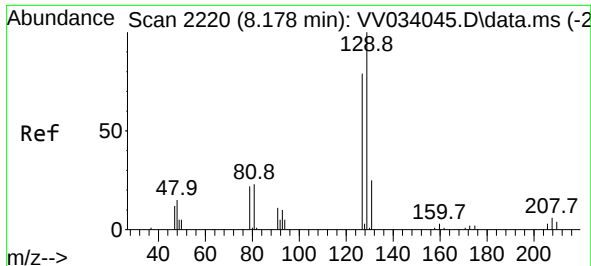
164 100

129 101.8 67.8 125.8

131 94.9 63.0 117.0

166 132.2 92.6 172.0





#49

Dibromochloromethane

Concen: 3.681 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.270 min

Lab File: VV034065.D

Acq: 08 Feb 2024 17:44

Instrument :

MSVOA_V

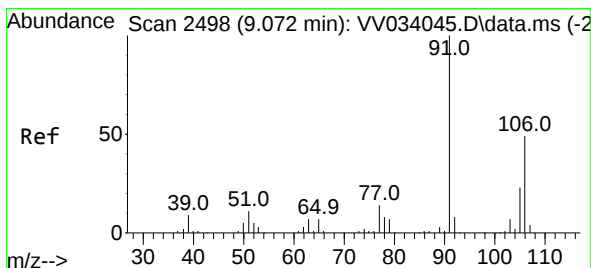
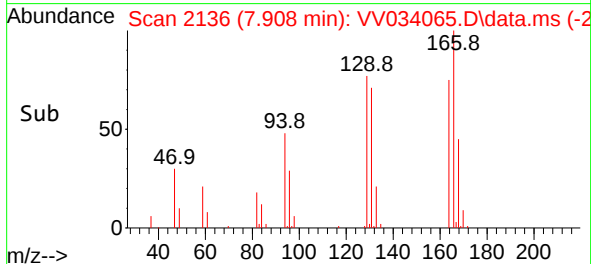
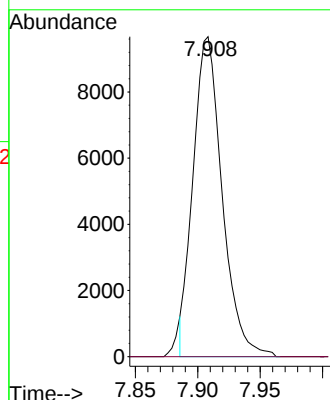
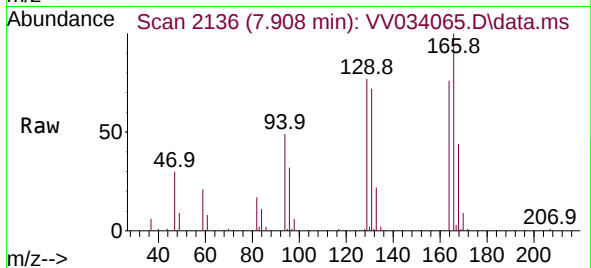
ClientSampleId :

Tgt Ion:129 Resp: 15628

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#53

m,p-Xylene

Concen: 0.262 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. 0.006 min

Lab File: VV034065.D

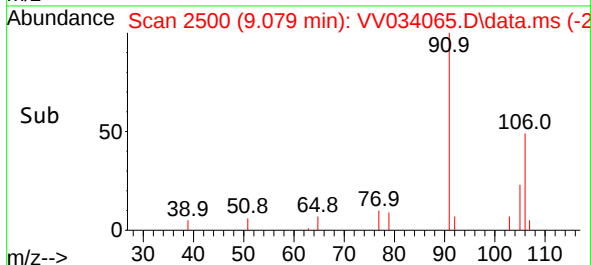
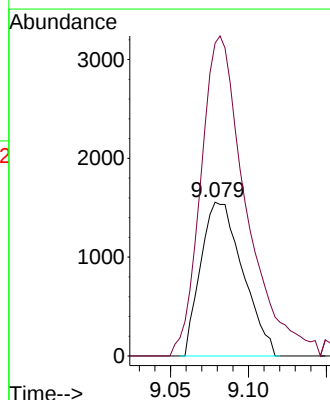
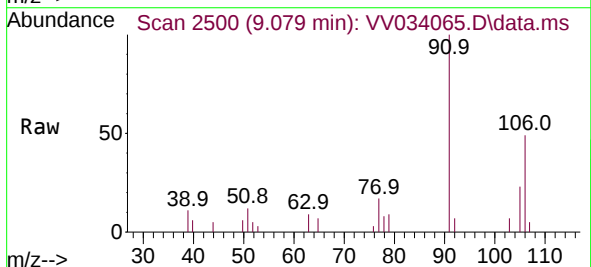
Acq: 08 Feb 2024 17:44

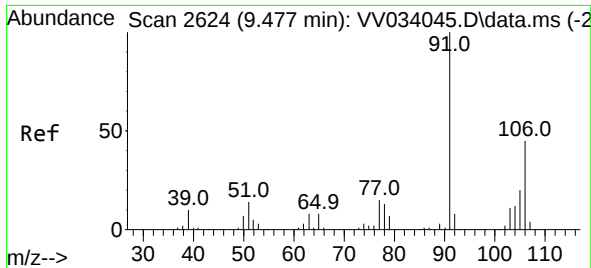
Tgt Ion:106 Resp: 2909

Ion Ratio Lower Upper

106 100

91 203.4 147.5 273.9

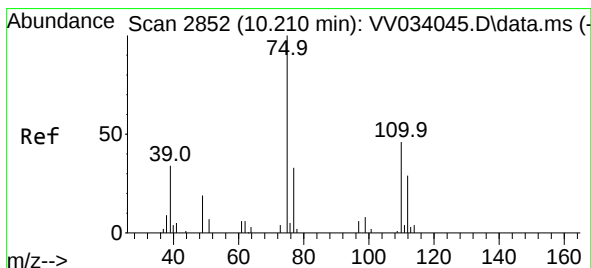
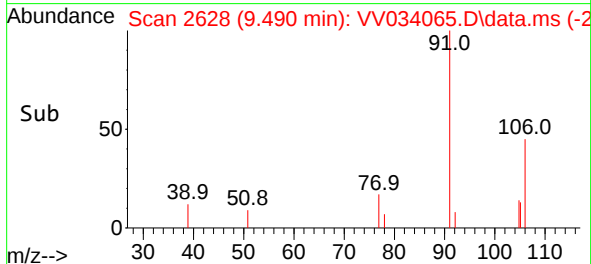
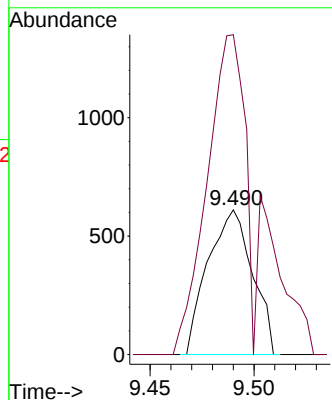
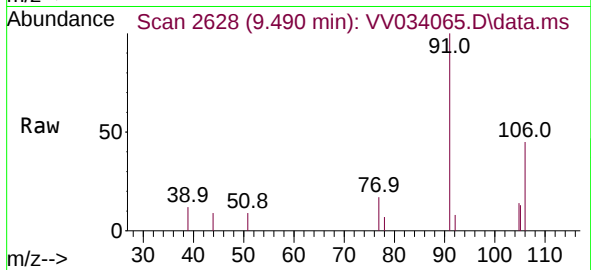




#54
o-Xylene
Concen: 0.085 ug/L
RT: 9.490 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV034065.D
Acq: 08 Feb 2024 17:44

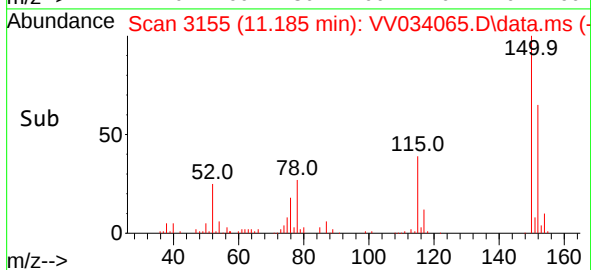
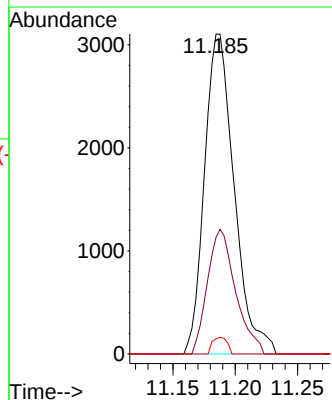
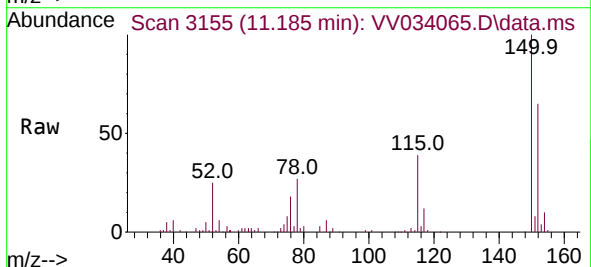
Instrument :
MSVOA_V
ClientSampleId :

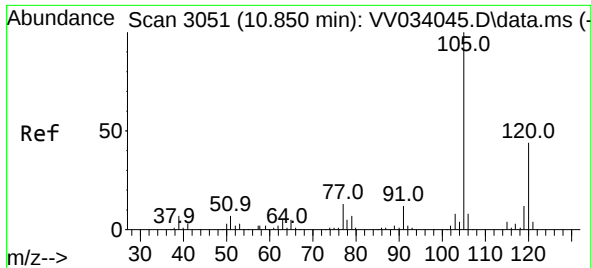
Tgt Ion:106 Resp: 912
Ion Ratio Lower Upper
106 100
91 221.1 156.2 290.0



#61
1,2,3-Trichloropropane
Concen: 1.851 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.974 min
Lab File: VV034065.D
Acq: 08 Feb 2024 17:44

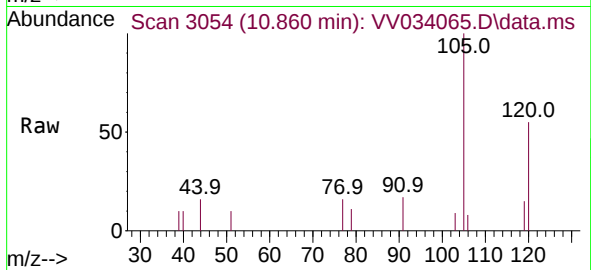
Tgt Ion: 75 Resp: 5140
Ion Ratio Lower Upper
75 100
77 36.9 26.9 40.3
110 2.6 33.3 49.9#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.105 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. 0.010 min
 Lab File: VV034065.D
 Acq: 08 Feb 2024 17:44

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 2580
 Ion Ratio Lower Upper
 105 100
 120 47.0 36.2 54.2

