

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011224\
 Data File : VW033597.D
 Acq On : 12 Jan 2024 15:57
 Operator : SY/MD
 Sample : P1108-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 12 23:46:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 12 23:30:52 2024
 Response via : Initial Calibration

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

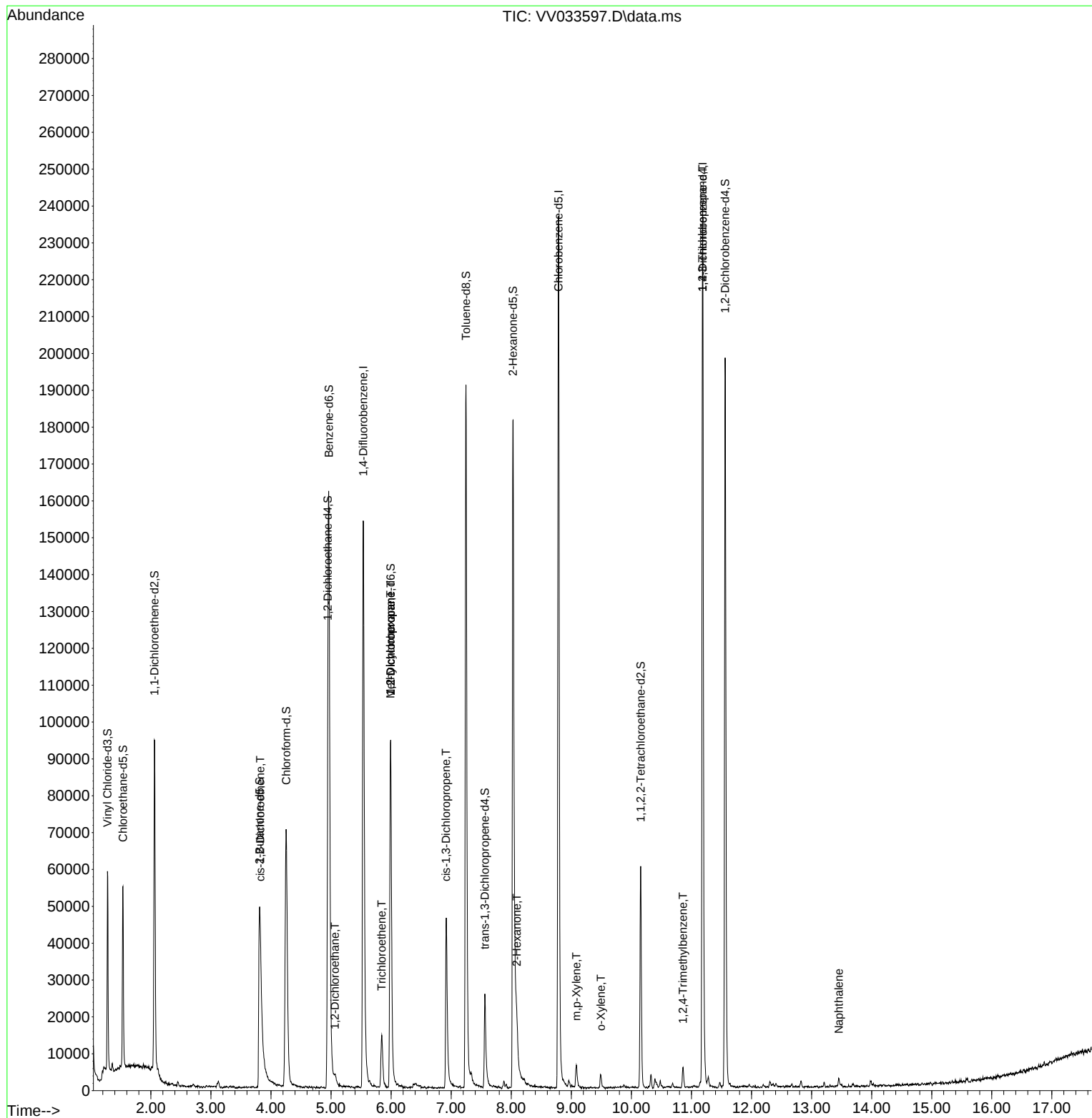
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	131276	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	121310	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	60839	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33904	4.723	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.536	69	31449	4.940	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.060	65	16037	4.957	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.200%
20) 2-Butanone-d5	3.809	46	90964	51.827	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.660%
24) Chloroform-d	4.253	84	75115	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	4.947	65	36935	5.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	4.963	84	147532	5.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	5.992	67	47734	4.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.246	98	126919	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	7.561	79	15952	4.728	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.027	63	67853	51.226	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.460%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	29925	5.248	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	47503	5.085	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.822	96	5578	0.510	ug/L	95
27) 1,2-Dichloroethane	5.063	62	2313	0.213	ug/L #	76
34) Trichloroethene	5.844	95	5615	0.490	ug/L	97
35) Methylcyclohexane	5.989	83	10956	0.565	ug/L #	16
37) 1,2-Dichloropropane	5.992	63	5467	0.511	ug/L #	87
39) cis-1,3-Dichloropropene	6.915	75	1298	0.085	ug/L #	63
48) 2-Hexanone	8.092	43	13274	3.685	ug/L #	86
53) m,p-Xylene	9.085	106	2034	0.105	ug/L	99
54) o-Xylene	9.490	106	1137	0.060	ug/L	80
61) 1,2,3-Trichloropropane	11.185	75	8291	1.700	ug/L #	64
63) 1,2,4-Trimethylbenzene	10.857	105	3840	0.091	ug/L	98
71) Naphthalene	13.455	128	2384	0.104	ug/L #	92

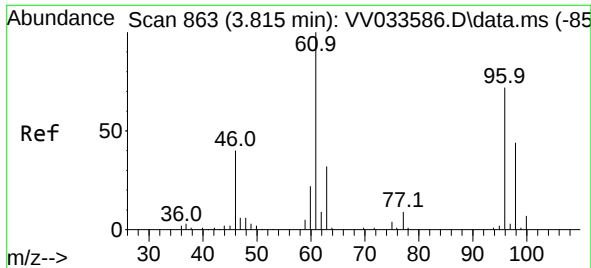
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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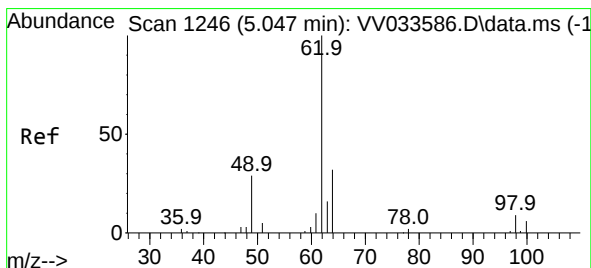
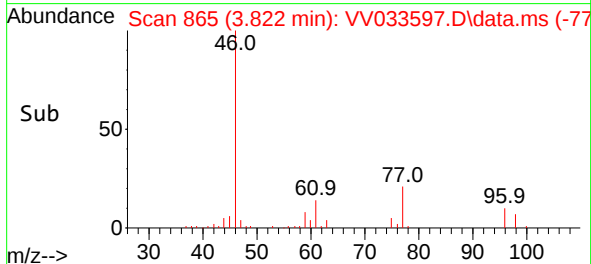
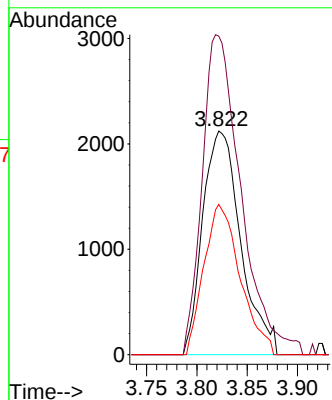
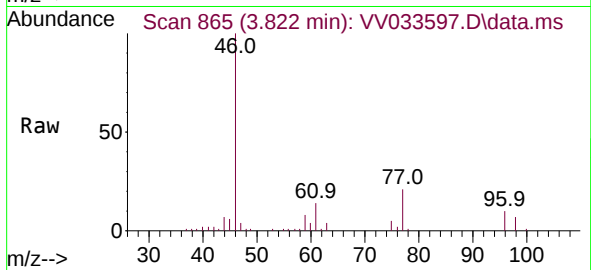




#22
cis-1,2-Dichloroethene
Concen: 0.510 ug/L
RT: 3.822 min Scan# 80
Delta R.T. 0.007 min
Lab File: VV033597.D
Acq: 12 Jan 2024 15:57

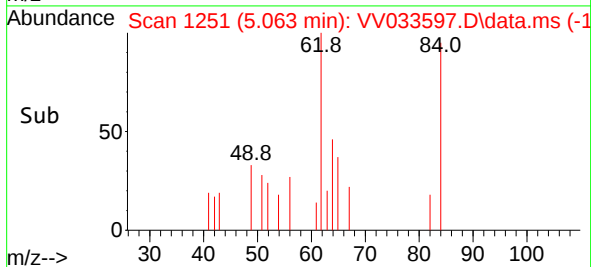
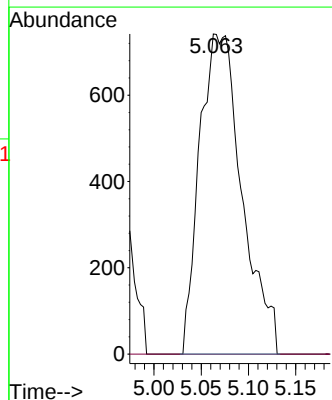
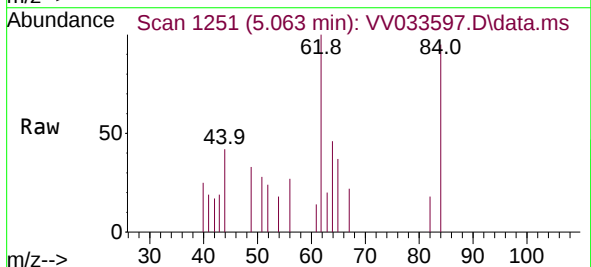
Instrument :
MSVOA_V
ClientSampleId :

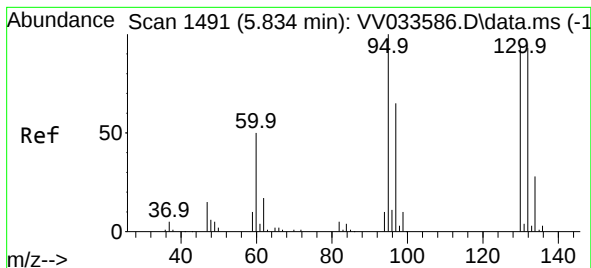
Tgt Ion: 96 Resp: 5578
Ion Ratio Lower Upper
96 100
61 142.4 97.1 180.3
98 67.2 42.6 79.0



#27
1,2-Dichloroethane
Concen: 0.213 ug/L
RT: 5.063 min Scan# 1251
Delta R.T. 0.016 min
Lab File: VV033597.D
Acq: 12 Jan 2024 15:57

Tgt Ion: 62 Resp: 2313
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.6#





#34

Trichloroethene

Concen: 0.490 ug/L

RT: 5.844 min Scan# 14

Delta R.T. 0.010 min

Lab File: VV033597.D

Acq: 12 Jan 2024 15:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 5615

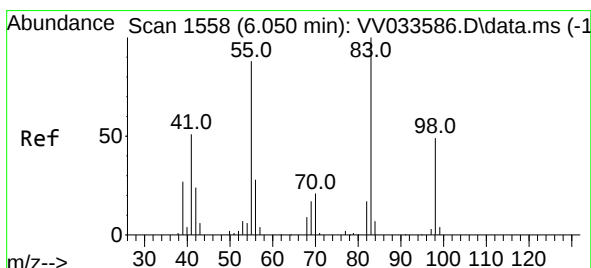
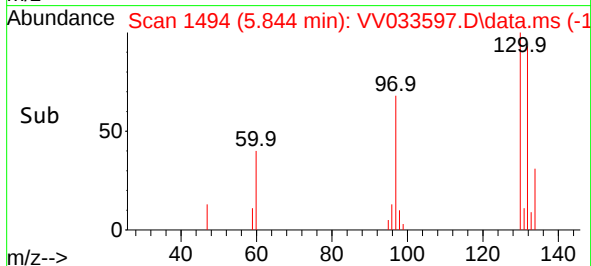
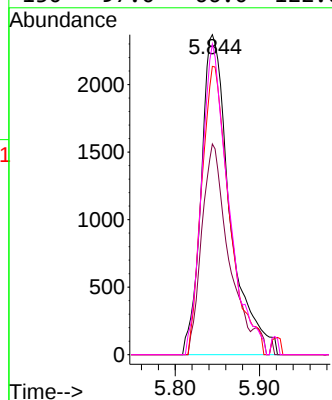
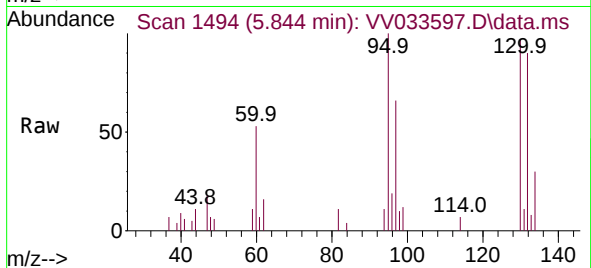
Ion Ratio Lower Upper

95 100

97 65.9 45.1 83.9

132 90.1 65.2 121.2

130 97.0 66.0 122.6



#35

Methylcyclohexane

Concen: 0.565 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.061 min

Lab File: VV033597.D

Acq: 12 Jan 2024 15:57

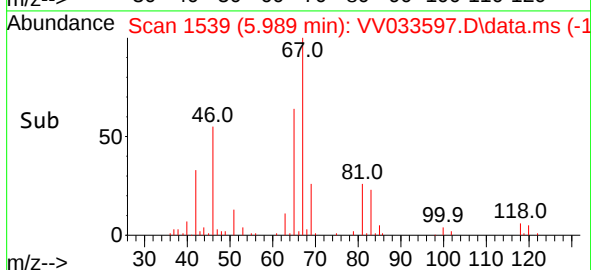
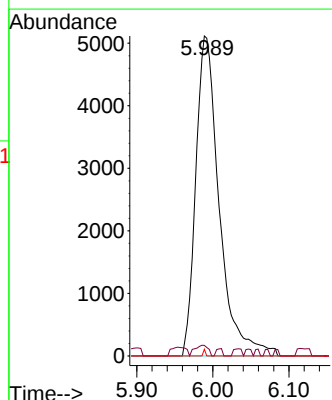
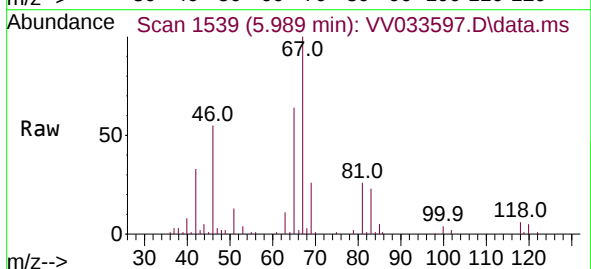
Tgt Ion: 83 Resp: 10956

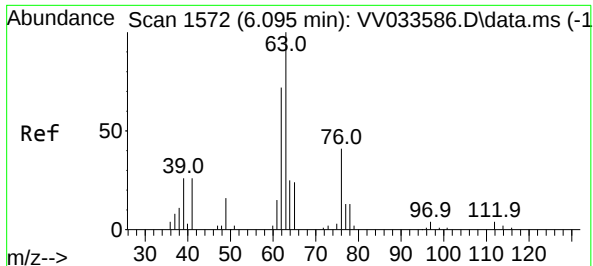
Ion Ratio Lower Upper

83 100

55 1.9 68.7 103.1#

98 0.2 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.511 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV033597.D

Acq: 12 Jan 2024 15:57

Instrument :

MSVOA_V

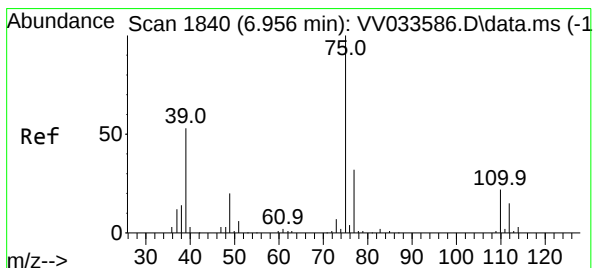
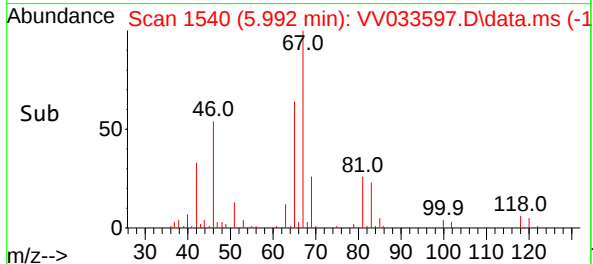
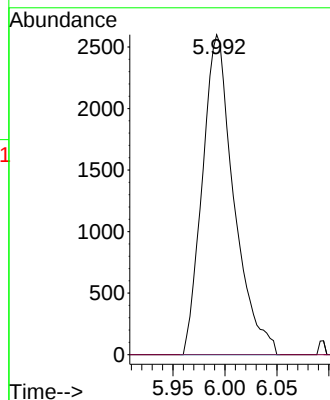
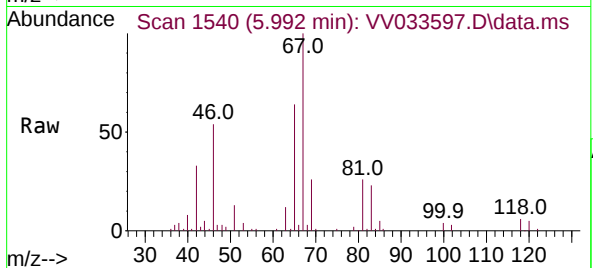
ClientSampleId :

Tgt Ion: 63 Resp: 5467

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 6.915 min Scan# 1827

Delta R.T. -0.042 min

Lab File: VV033597.D

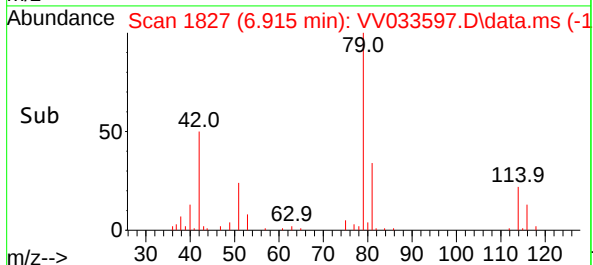
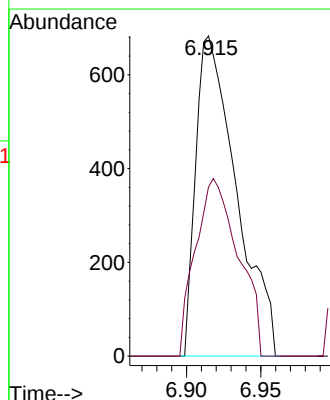
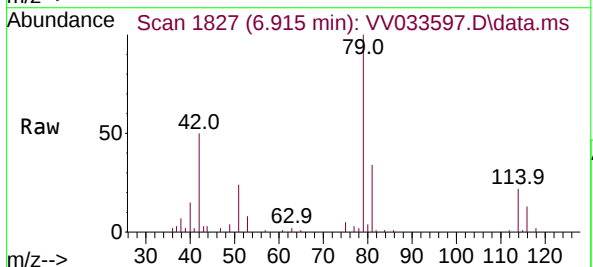
Acq: 12 Jan 2024 15:57

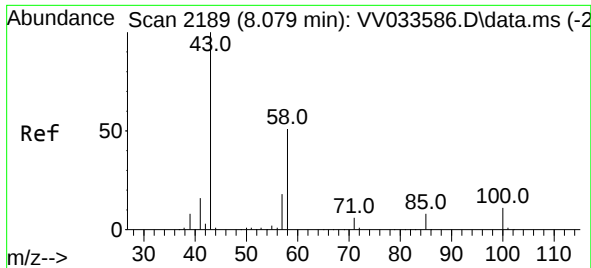
Tgt Ion: 75 Resp: 1298

Ion Ratio Lower Upper

75 100

77 52.9 22.5 41.7#

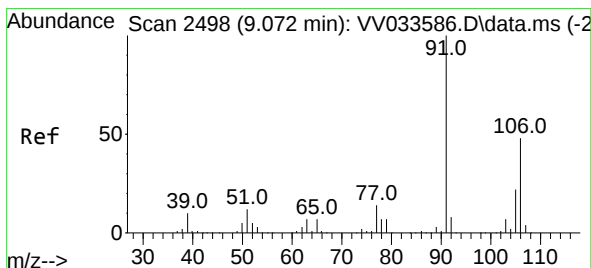
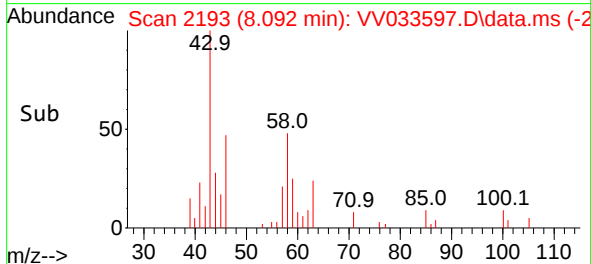
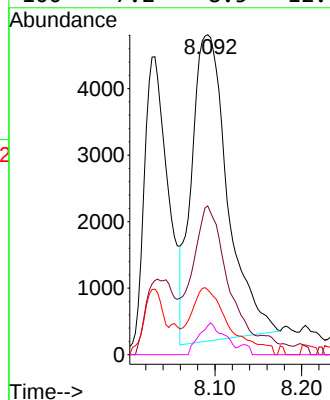
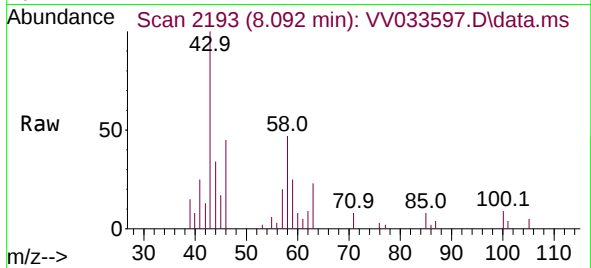




#48
2-Hexanone
Concen: 3.685 ug/L
RT: 8.092 min Scan# 2189
Delta R.T. 0.013 min
Lab File: VV033597.D
Acq: 12 Jan 2024 15:57

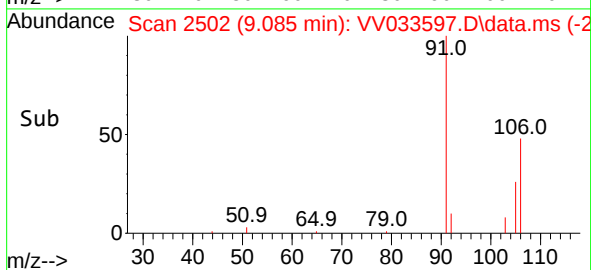
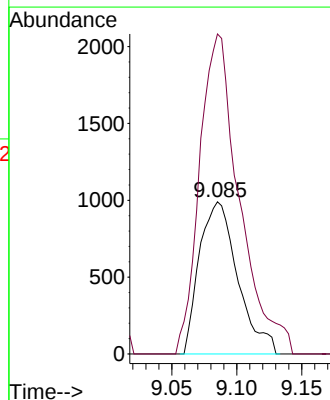
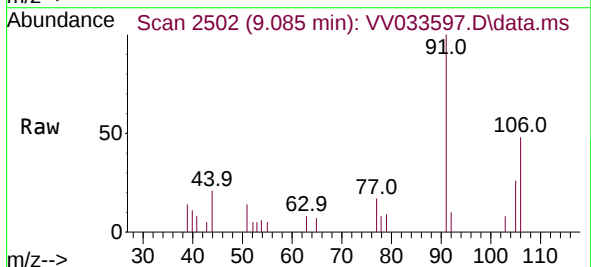
Instrument :
MSVOA_V
ClientSampleId :

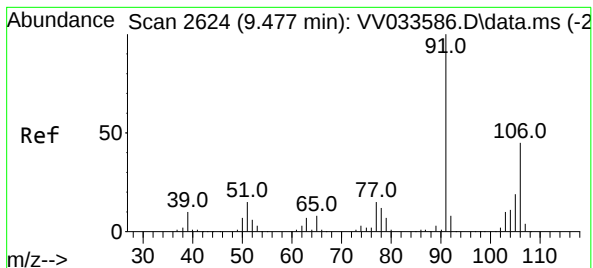
Tgt Ion: 43	Resp: 13274
Ion Ratio	Lower Upper
43 100	
58 40.5	40.6 61.0#
57 23.3	13.8 20.8#
100 7.2	8.5 12.7#



#53
m,p-Xylene
Concen: 0.105 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.013 min
Lab File: VV033597.D
Acq: 12 Jan 2024 15:57

Tgt Ion:106	Resp:	2034	
Ion	Ratio	Lower	Upper
106	100		
91	210.3	146.2	271.4





#54

o-Xylene

Concen: 0.060 ug/L

RT: 9.490 min Scan# 2

Delta R.T. 0.013 min

Lab File: VV033597.D

Acq: 12 Jan 2024 15:57

Instrument :

MSVOA_V

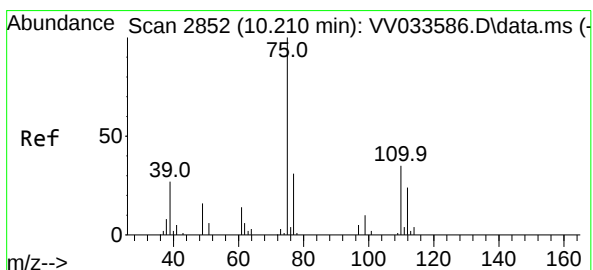
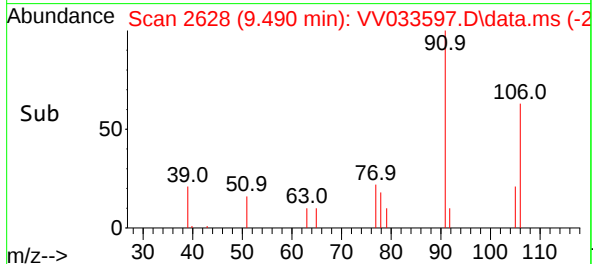
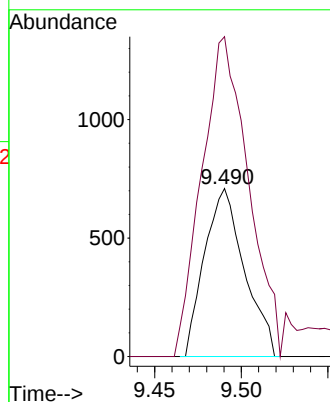
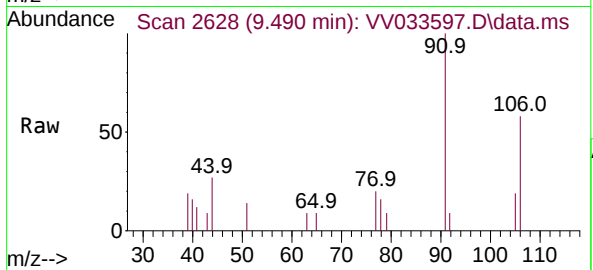
ClientSampleId :

Tgt Ion:106 Resp: 1137

Ion Ratio Lower Upper

106 100

91 190.4 156.0 289.6



#61

1,2,3-Trichloropropane

Concen: 1.700 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV033597.D

Acq: 12 Jan 2024 15:57

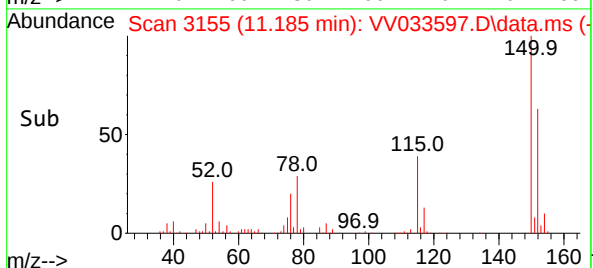
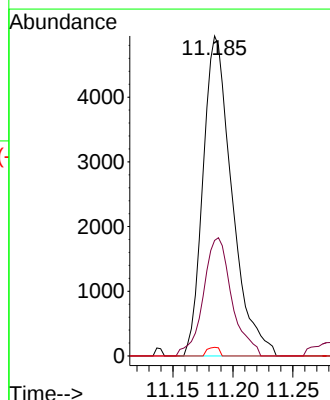
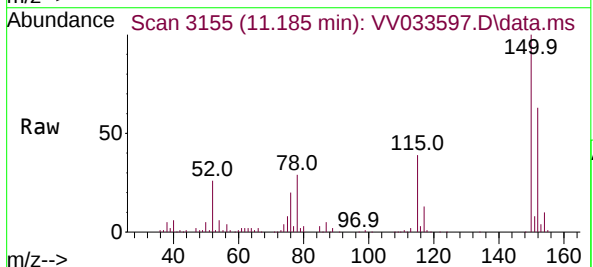
Tgt Ion: 75 Resp: 8291

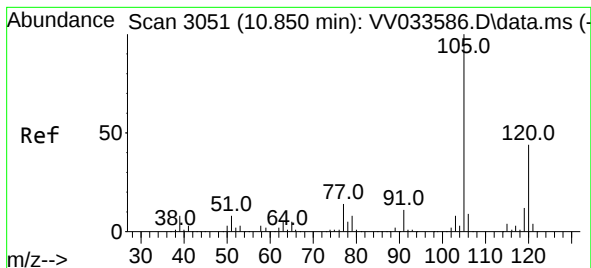
Ion Ratio Lower Upper

75 100

77 36.4 24.7 37.1

110 1.1 28.0 42.0#





#63

1,2,4-Trimethylbenzene

Concen: 0.091 ug/L

RT: 10.857 min Scan# 3051

Delta R.T. 0.007 min

Lab File: VV033597.D

Acq: 12 Jan 2024 15:57

Instrument :

MSVOA_V

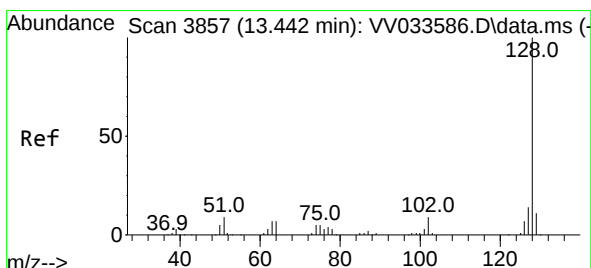
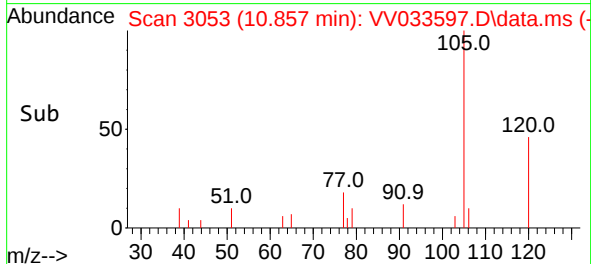
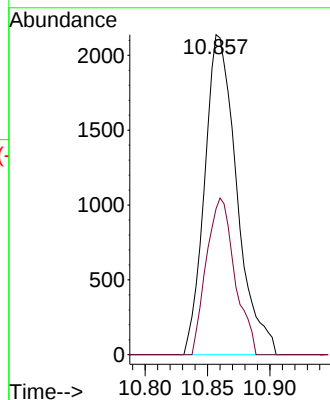
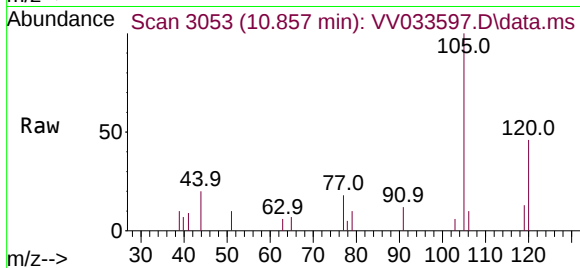
ClientSampleId :

Tgt Ion:105 Resp: 3840

Ion Ratio Lower Upper

105 100

120 43.1 35.5 53.3



#71

Naphthalene

Concen: 0.104 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.013 min

Lab File: VV033597.D

Acq: 12 Jan 2024 15:57

Tgt Ion:128 Resp: 2384

Ion Ratio Lower Upper

128 100

129 9.7 8.8 13.2

127 8.2 10.4 15.6#

