

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011224\
 Data File : VW033598.D
 Acq On : 12 Jan 2024 16:20
 Operator : SY/MD
 Sample : P1108-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AY4

Quant Time: Jan 12 23:46:21 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)

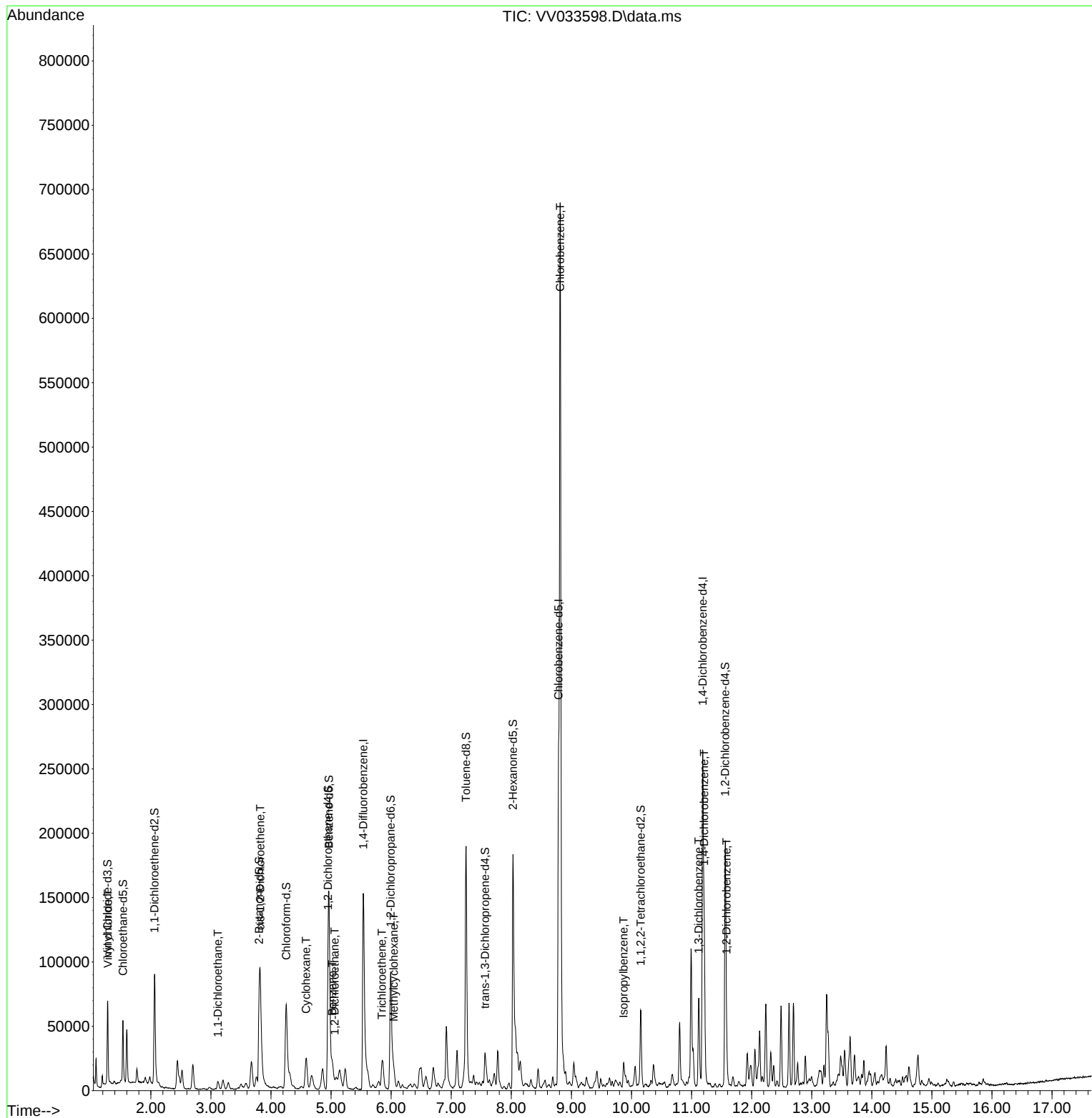
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	127918	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	121039	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	62021	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	32984	4.715	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.536	69	28503	4.595	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.060	65	14911	4.730	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.600%
20) 2-Butanone-d5	3.802	46	81716	47.780	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.560%
24) Chloroform-d	4.253	84	70848	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	4.947	65	35328	5.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	4.963	84	139088	4.762	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	5.992	67	46386	4.764	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.246	98	123620	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	7.564	79	16543	4.914	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.027	63	66591	50.386	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.780%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	28348	4.983	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	45642	4.793	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
5) Vinyl chloride	1.285	62	5585	0.420	ug/L	89
19) 1,1-Dichloroethane	3.118	63	6904	0.341	ug/L	94
22) cis-1,2-Dichloroethene	3.822	96	33610	3.151	ug/L	94
27) 1,2-Dichloroethane	5.060	62	3568	0.337	ug/L #	90
30) Cyclohexane	4.584	56	13437	0.653	ug/L	91
33) Benzene	5.018	78	18541	0.431	ug/L	100
34) Trichloroethene	5.844	95	4633	0.405	ug/L	91
35) Methylcyclohexane	6.043	83	4905	0.253	ug/L #	61
51) Chlorobenzene	8.812	112	335157	12.038	ug/L	98
60) Isopropylbenzene	9.870	105	11255	0.229	ug/L #	82
64) 1,3-Dichlorobenzene	11.120	146	26189	1.207	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	43393	2.042	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	7368	0.391	ug/L	94

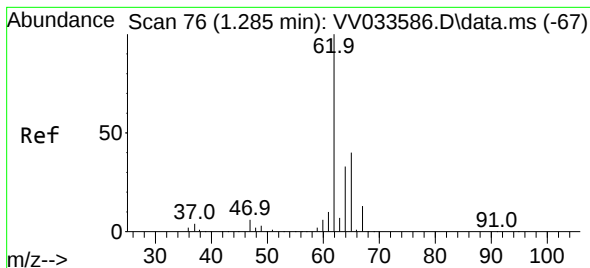
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.420 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV033598.D

Acq: 12 Jan 2024 16:20

Instrument :

MSVOA_V

ClientSampleId :

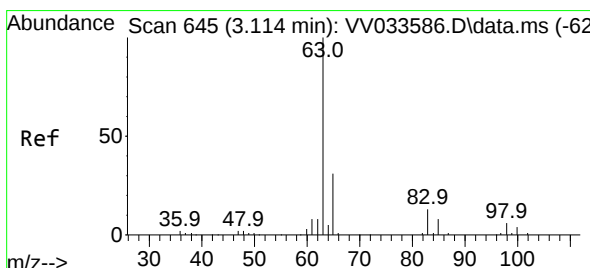
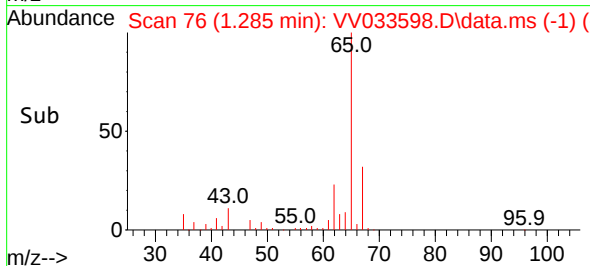
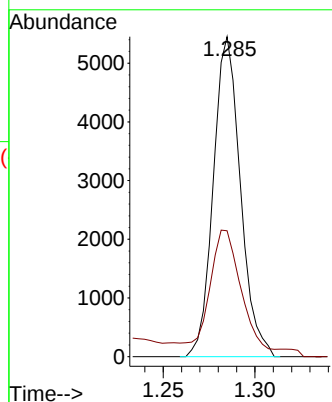
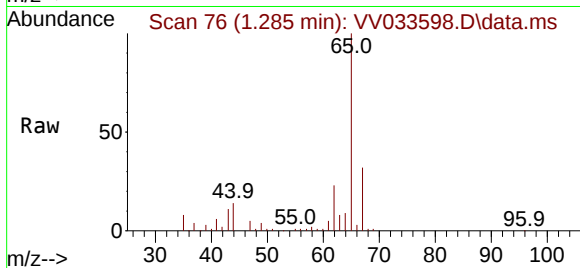
C0AY4

Tgt Ion: 62 Resp: 5585

Ion Ratio Lower Upper

62 100

64 39.3 23.0 42.8



#19

1,1-Dichloroethane

Concen: 0.341 ug/L

RT: 3.118 min Scan# 646

Delta R.T. 0.003 min

Lab File: VV033598.D

Acq: 12 Jan 2024 16:20

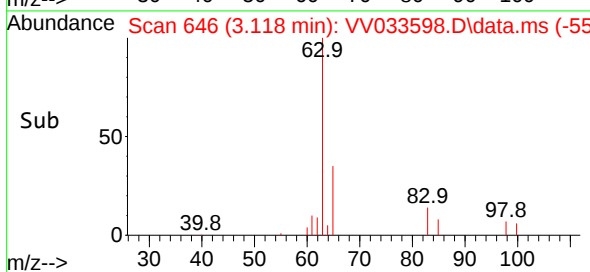
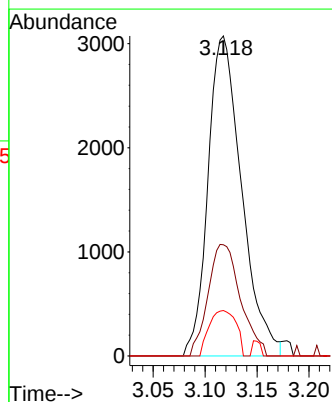
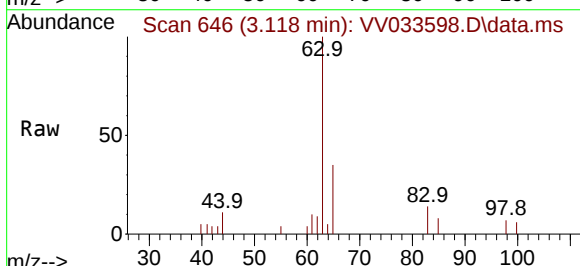
Tgt Ion: 63 Resp: 6904

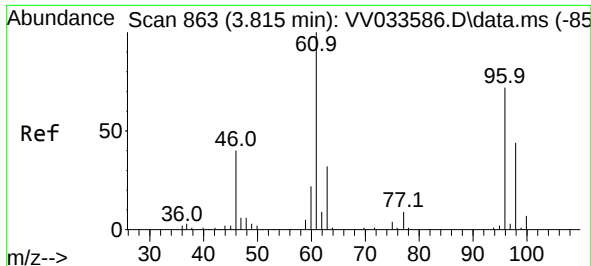
Ion Ratio Lower Upper

63 100

65 34.7 21.6 40.2

83 14.2 9.1 16.9





#22

cis-1,2-Dichloroethene

Concen: 3.151 ug/L

RT: 3.822 min Scan# 8

Delta R.T. 0.007 min

Lab File: VV033598.D

Acq: 12 Jan 2024 16:20

Instrument :

MSVOA_V

ClientSampleId :

C0AY4

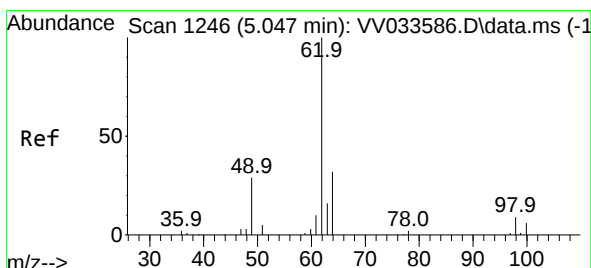
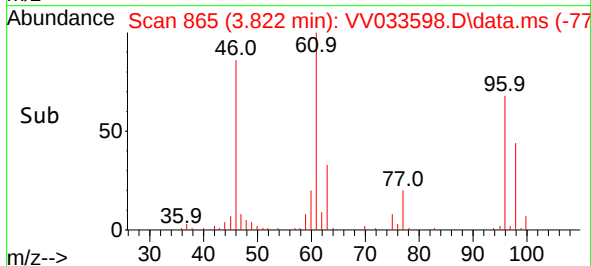
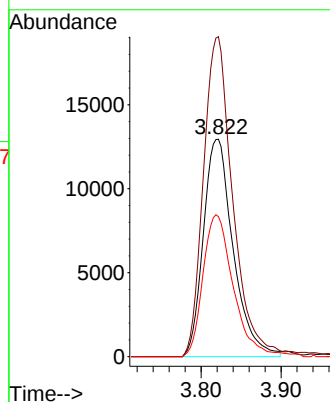
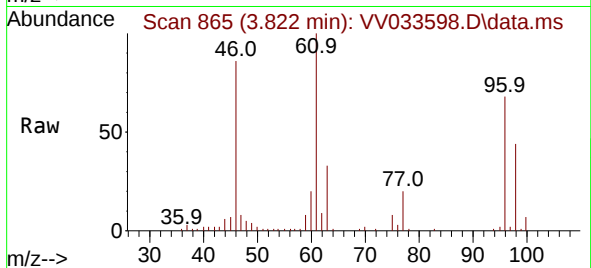
Tgt Ion: 96 Resp: 33610

Ion Ratio Lower Upper

96 100

61 147.1 97.1 180.3

98 64.5 42.6 79.0



#27

1,2-Dichloroethane

Concen: 0.337 ug/L

RT: 5.060 min Scan# 1250

Delta R.T. 0.013 min

Lab File: VV033598.D

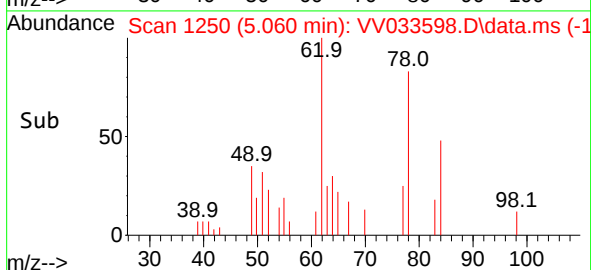
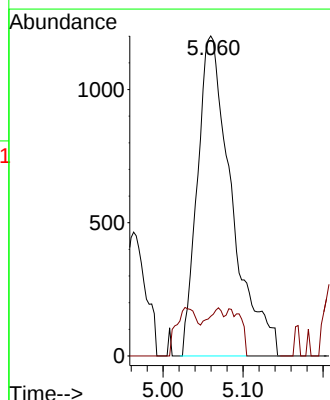
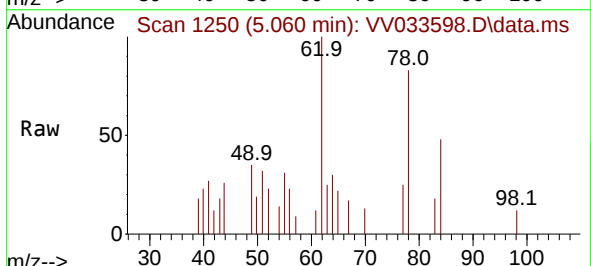
Acq: 12 Jan 2024 16:20

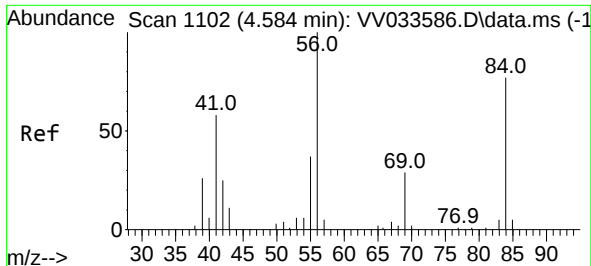
Tgt Ion: 62 Resp: 3568

Ion Ratio Lower Upper

62 100

98 12.4 7.0 10.6#

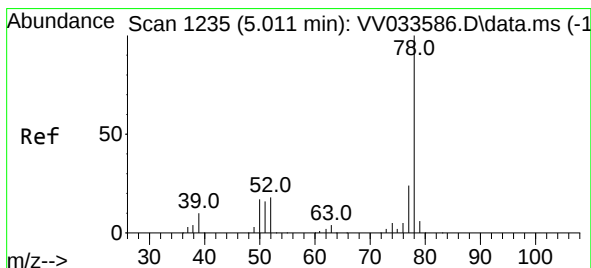
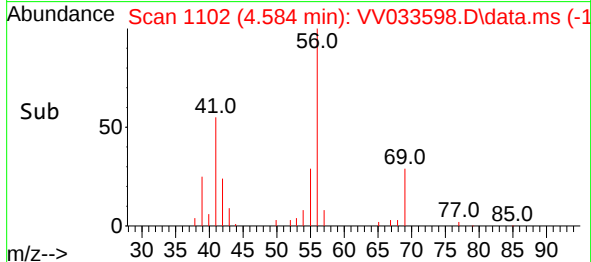
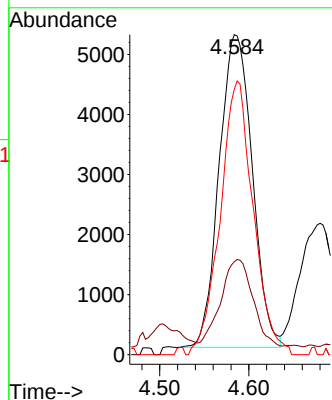
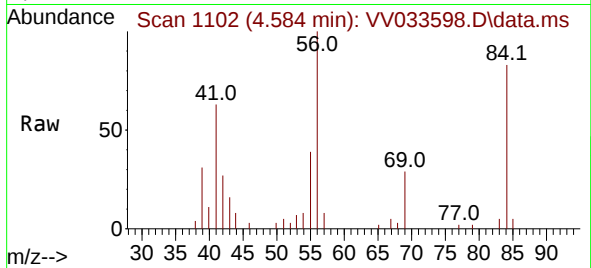




#30
Cyclohexane
Concen: 0.653 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV033598.D
Acq: 12 Jan 2024 16:20

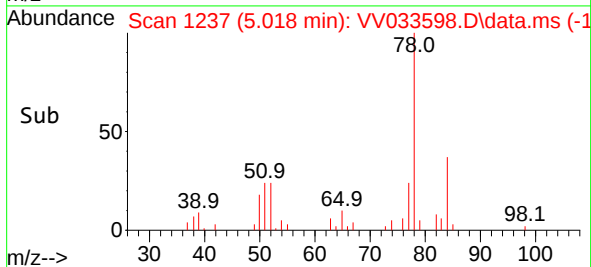
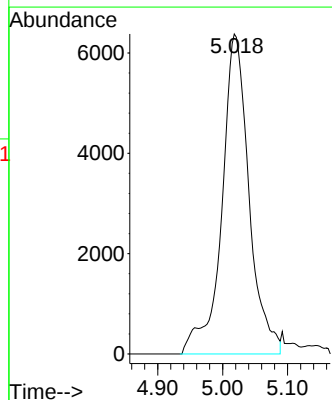
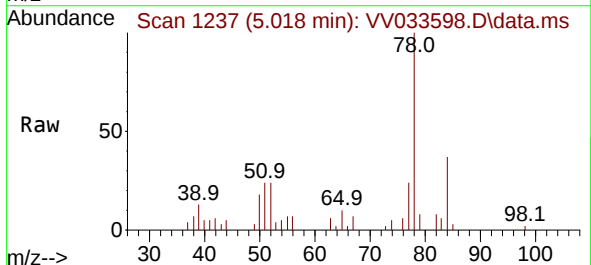
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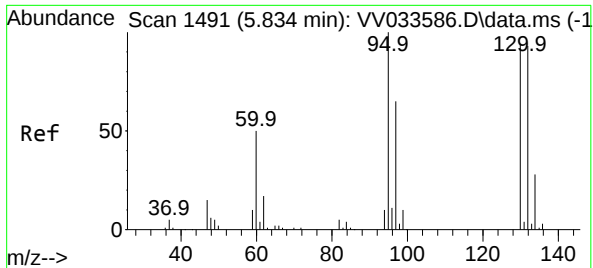
Tgt Ion:	56	Resp:	13437
Ion	Ratio	Lower	Upper
56	100		
69	28.2	23.3	34.9
84	87.3	61.7	92.5



#33
Benzene
Concen: 0.431 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.007 min
Lab File: VV033598.D
Acq: 12 Jan 2024 16:20

Tgt Ion: 78 Resp: 18541

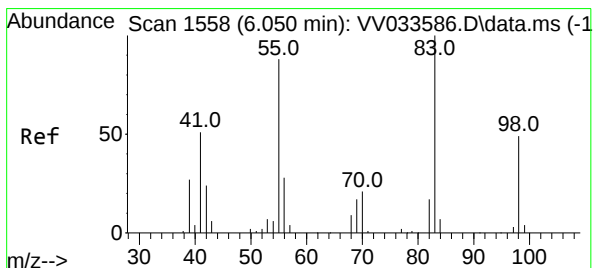
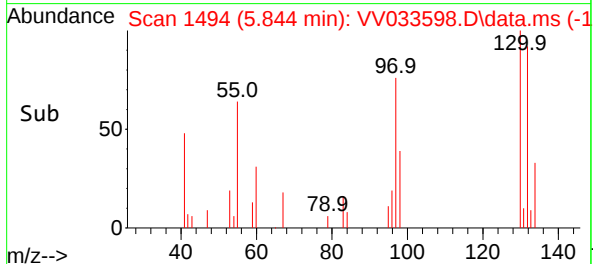
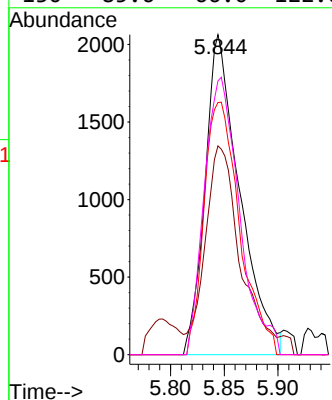
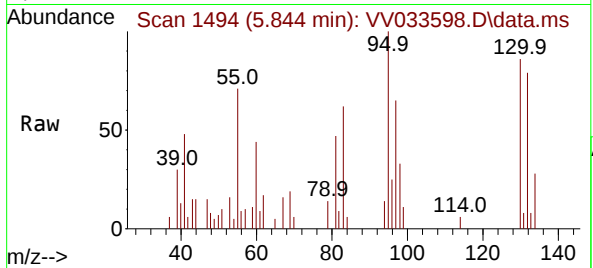




#34
Trichloroethene
Concen: 0.405 ug/L
RT: 5.844 min Scan# 1491
Delta R.T. 0.010 min
Lab File: VV033598.D
Acq: 12 Jan 2024 16:20

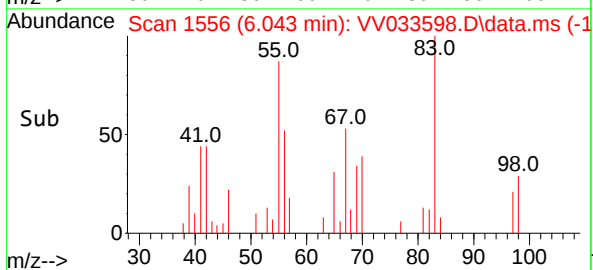
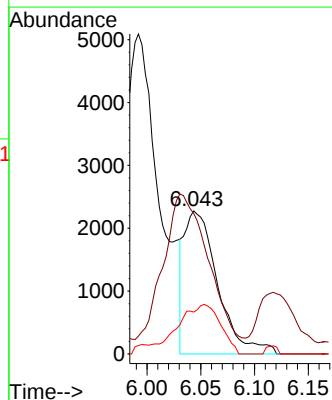
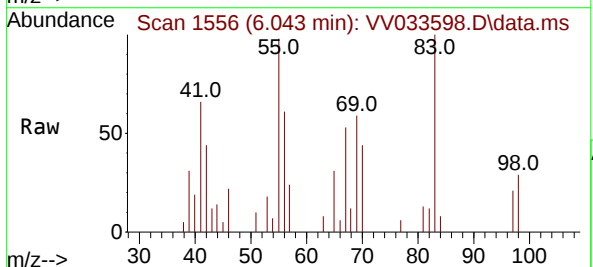
Instrument :
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ClientSampleId :
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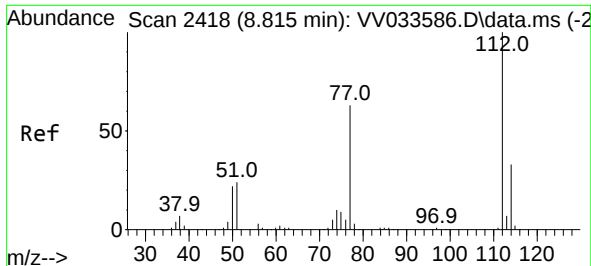
Tgt Ion:	95	Resp:	4633
Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.1	83.9
132	78.8	65.2	121.2
130	85.6	66.0	122.6



#35
Methylcyclohexane
Concen: 0.253 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VV033598.D
Acq: 12 Jan 2024 16:20

Tgt Ion:	83	Resp:	4905
Ion	Ratio	Lower	Upper
83	100		
55	141.5	68.7	103.1#
98	47.3	38.3	57.5

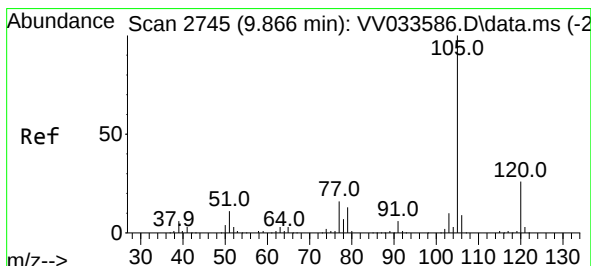
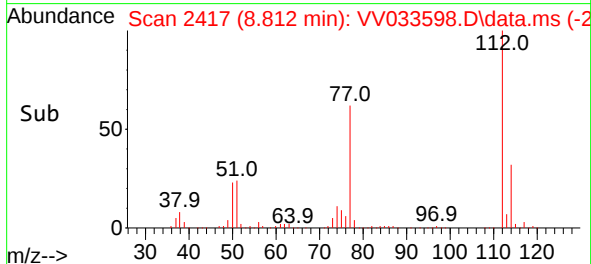
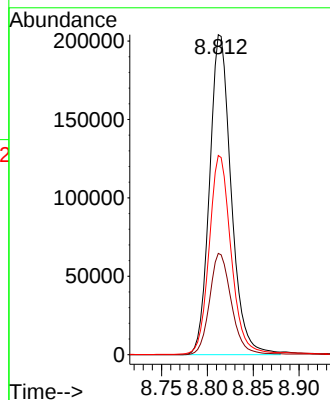
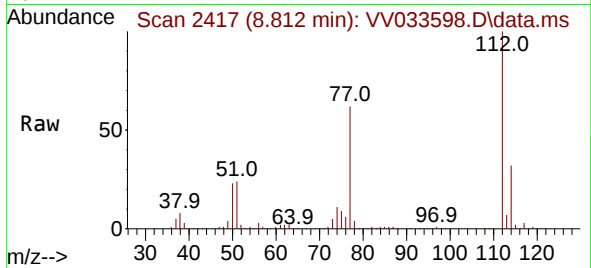




#51
Chlorobenzene
Concen: 12.038 ug/L
RT: 8.812 min Scan# 2418
Delta R.T. -0.003 min
Lab File: VV033598.D
Acq: 12 Jan 2024 16:20

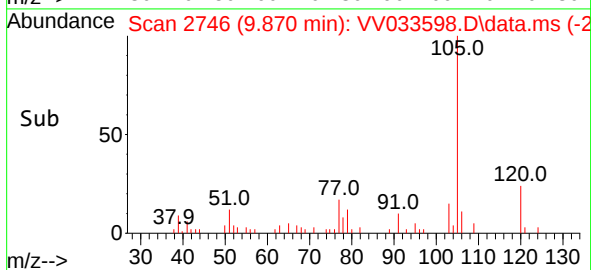
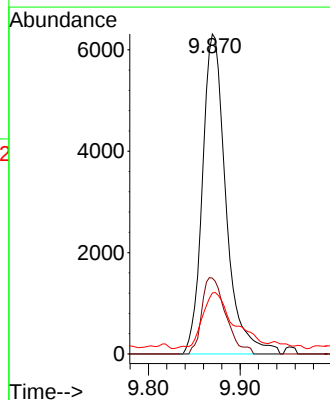
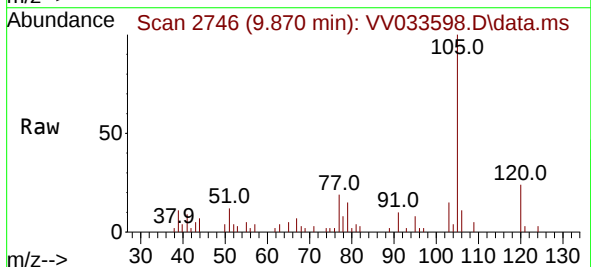
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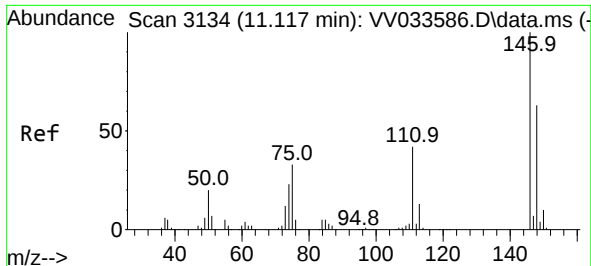
Tgt Ion:112 Resp: 335157
Ion Ratio Lower Upper
112 100
114 31.6 22.9 42.5
77 62.3 50.8 76.2



#60
Isopropylbenzene
Concen: 0.229 ug/L
RT: 9.870 min Scan# 2746
Delta R.T. 0.003 min
Lab File: VV033598.D
Acq: 12 Jan 2024 16:20

Tgt Ion:105 Resp: 11255
Ion Ratio Lower Upper
105 100
120 24.1 21.0 31.6
77 0.0 13.4 20.0#

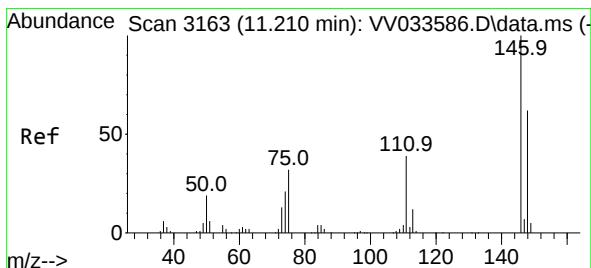
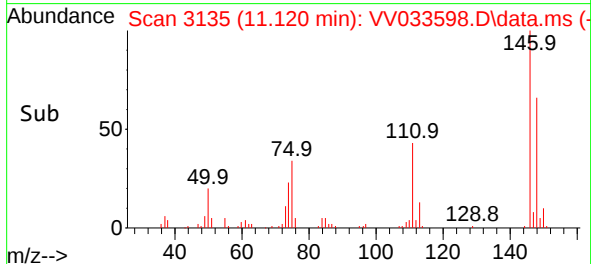
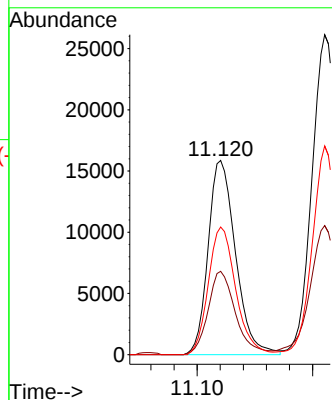
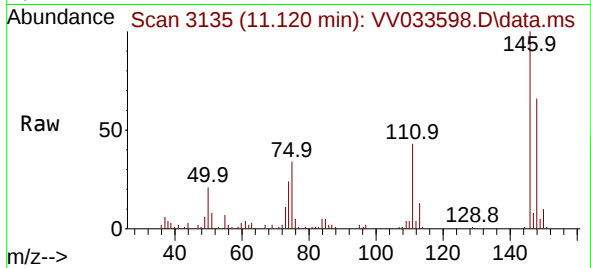




#64
1,3-Dichlorobenzene
Concen: 1.207 ug/L
RT: 11.120 min Scan# 3113
Delta R.T. 0.003 min
Lab File: VV033598.D
Acq: 12 Jan 2024 16:20

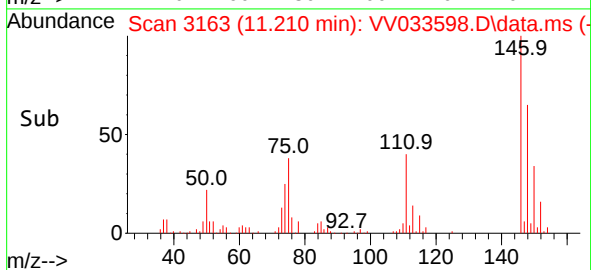
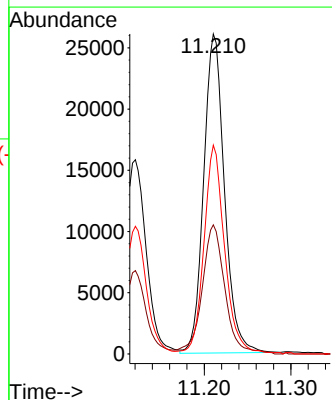
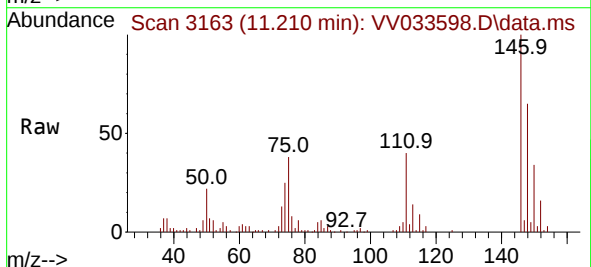
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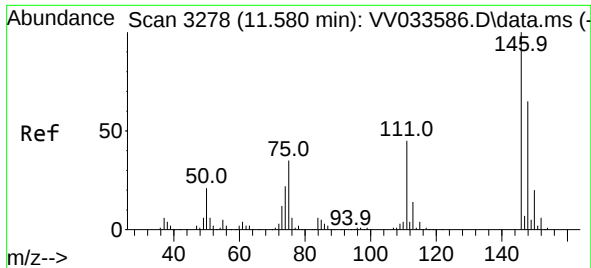
Tgt Ion:146 Resp: 26189
Ion Ratio Lower Upper
146 100
111 42.9 29.2 54.2
148 65.8 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 2.042 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV033598.D
Acq: 12 Jan 2024 16:20

Tgt Ion:146 Resp: 43393
Ion Ratio Lower Upper
146 100
111 40.4 27.5 51.1
148 65.3 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 0.391 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033598.D

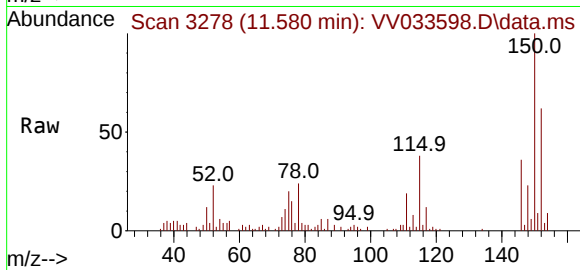
Acq: 12 Jan 2024 16:20

Instrument :

MSVOA_V

ClientSampleId :

C0AY4



Tgt Ion:146 Resp: 7368

Ion Ratio Lower Upper

146 100

111 51.7 36.1 54.1

148 63.0 52.2 78.2

