

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011623\
 Data File : VW029885.D
 Acq On : 16 Jan 2023 18:47
 Operator : SY/MD
 Sample : 01136-15 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1T8

Quant Time: Jan 17 00:39:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

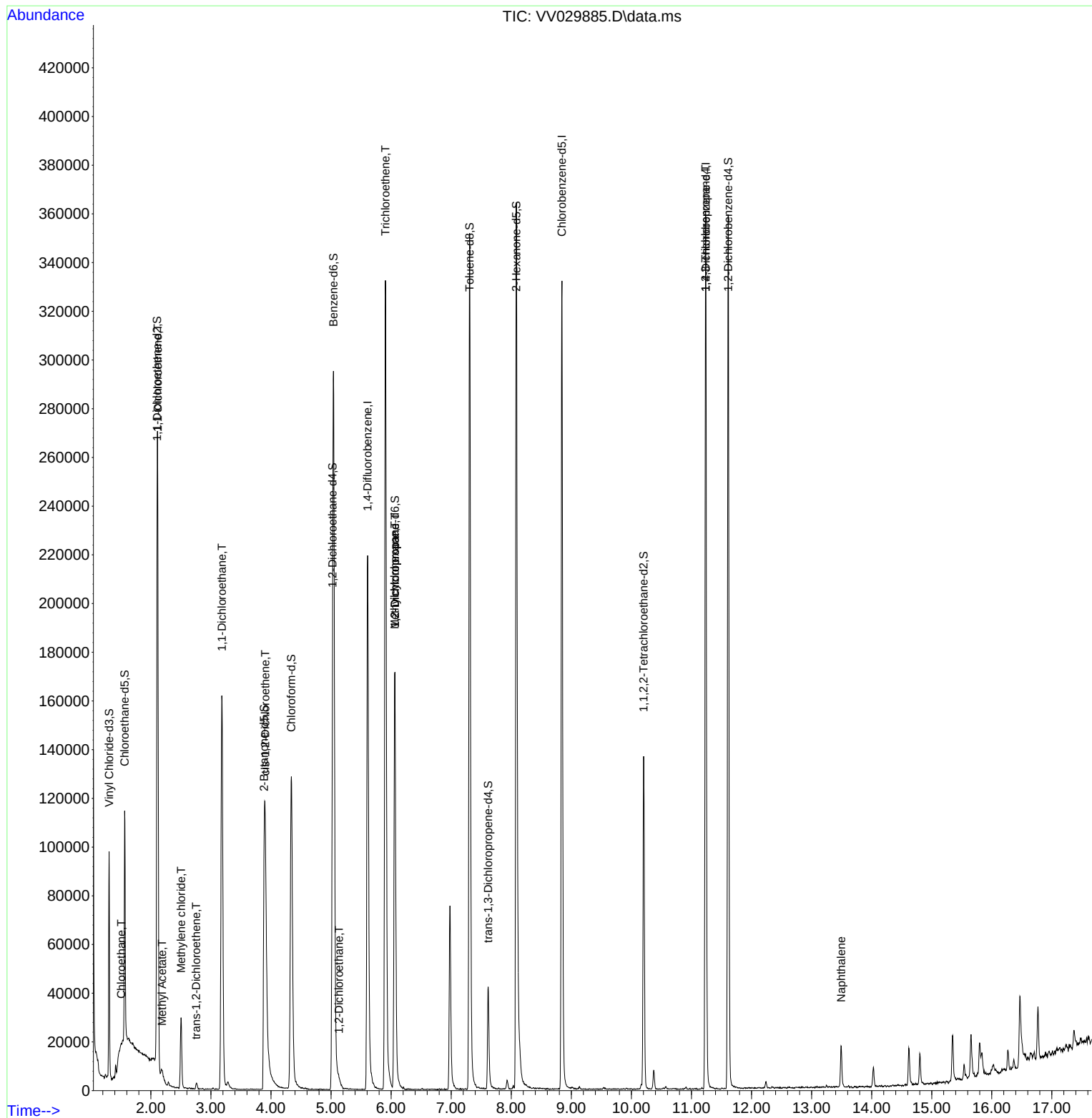
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	211084	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	197661	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	102487	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	57437	3.587	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.564	69	58687	4.422	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.105	63	107569	3.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	3.886	46	159541	56.221	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.440%
24) Chloroform-d	4.339	84	143233	4.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.024	65	65335	5.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.040	84	296841	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.063	67	92827	5.410	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.200%
41) Toluene-d8	7.307	98	255022	4.698	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	7.616	79	27244	4.347	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.085	63	147746	57.908	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.820%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	69572	5.533	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	98356	5.279	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
8) Chloroethane	1.507	64	41330	3.360	ug/L #	49
12) 1,1-Dichloroethene	2.114	96	47407	2.630	ug/L #	79
15) Methyl Acetate	2.185	43	4254	0.807	ug/L #	45
16) Methylene chloride	2.503	84	13146	0.587	ug/L	94
18) trans-1,2-Dichloroethene	2.754	96	880	0.053	ug/L	90
19) 1,1-Dichloroethane	3.182	63	172293	6.147	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	29272	1.640	ug/L	99
27) 1,2-Dichloroethane	5.133	62	951	0.064	ug/L #	71
34) Trichloroethene	5.905	95	124064	7.491	ug/L	97
35) Methylcyclohexane	6.059	83	21824	0.781	ug/L #	20
37) 1,2-Dichloropropane	6.063	63	9272	0.606	ug/L #	85
61) 1,2,3-Trichloropropane	11.236	75	11265	1.484	ug/L #	65
71) Naphthalene	13.493	128	15947	0.588	ug/L	98

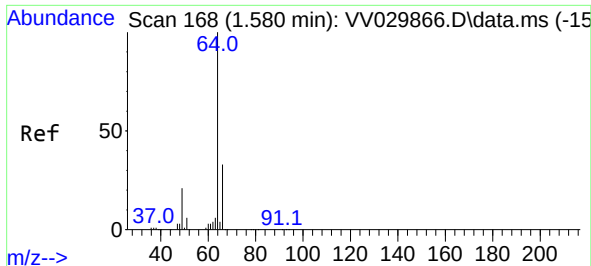
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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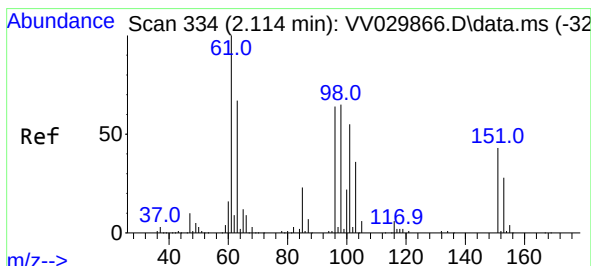
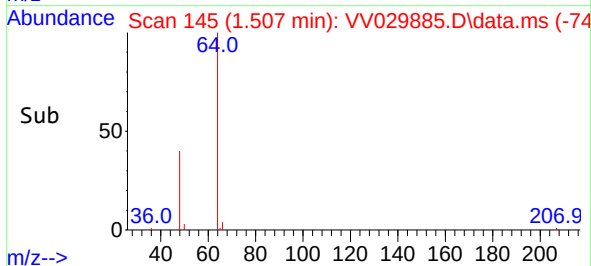
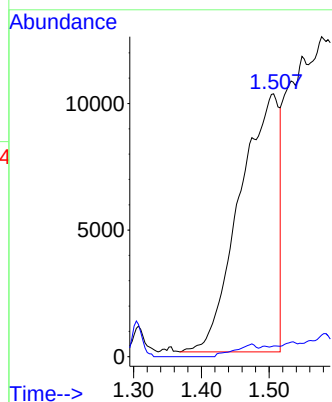
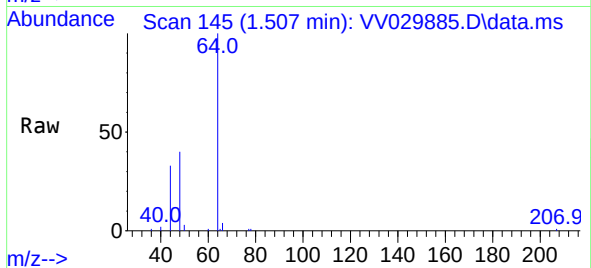




#8
Chloroethane
Concen: 3.360 ug/L
RT: 1.507 min Scan# 14
Delta R.T. -0.071 min
Lab File: VV029885.D
Acq: 16 Jan 2023 18:47

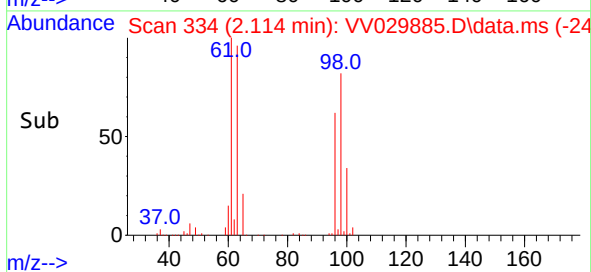
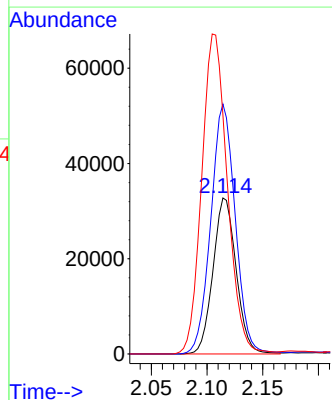
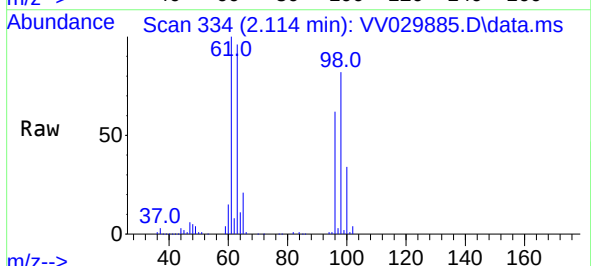
Instrument :
MSVOA_V
ClientSampleId :
BH1T8

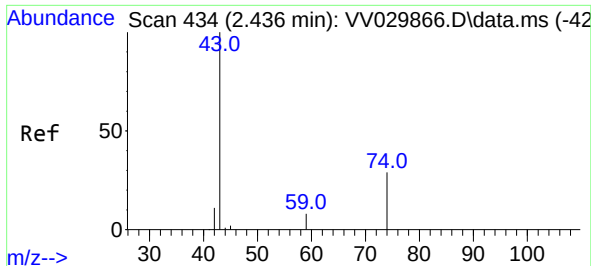
Tgt Ion: 64 Resp: 41330
Ion Ratio Lower Upper
64 100
66 4.1 22.9 42.5#



#12
1,1-Dichloroethene
Concen: 2.630 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV029885.D
Acq: 16 Jan 2023 18:47

Tgt Ion: 96 Resp: 47407
Ion Ratio Lower Upper
96 100
61 160.2 106.1 197.1
63 153.3 76.4 141.8#

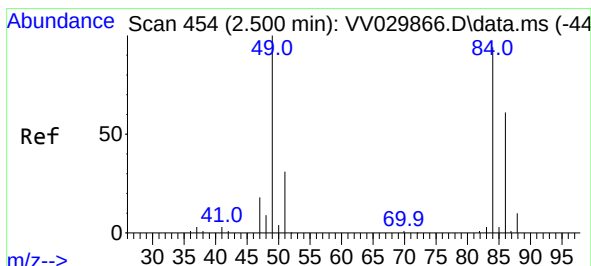
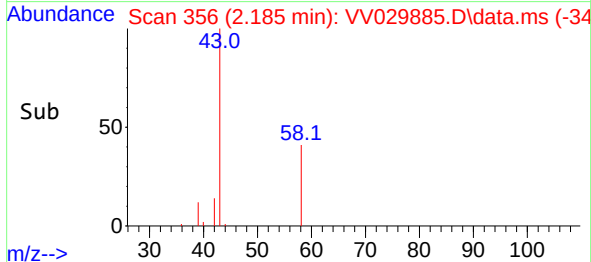
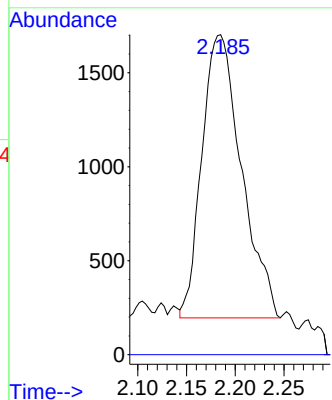
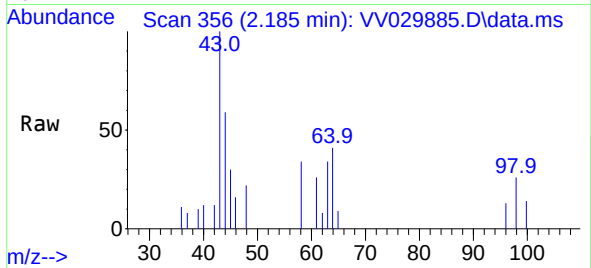




#15
Methyl Acetate
Concen: 0.807 ug/L
RT: 2.185 min Scan# 31
Delta R.T. -0.251 min
Lab File: VV029885.D
Acq: 16 Jan 2023 18:47

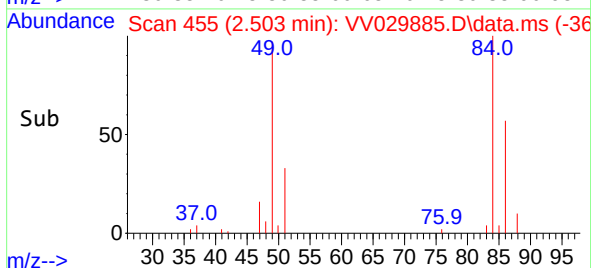
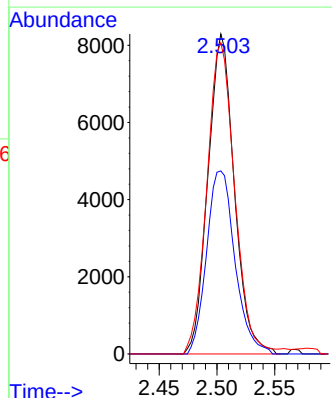
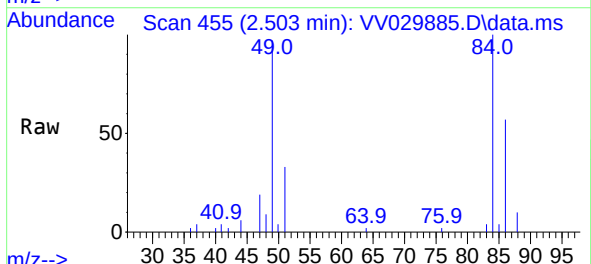
Instrument :
MSVOA_V
ClientSampleId :
BH1T8

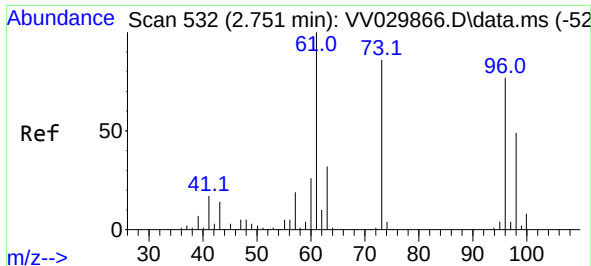
Tgt Ion: 43 Resp: 4254
Ion Ratio Lower Upper
43 100
74 0.0 23.4 35.0#



#16
Methylene chloride
Concen: 0.587 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.006 min
Lab File: VV029885.D
Acq: 16 Jan 2023 18:47

Tgt Ion: 84 Resp: 13146
Ion Ratio Lower Upper
84 100
86 57.2 45.0 83.6
49 97.3 71.5 132.7

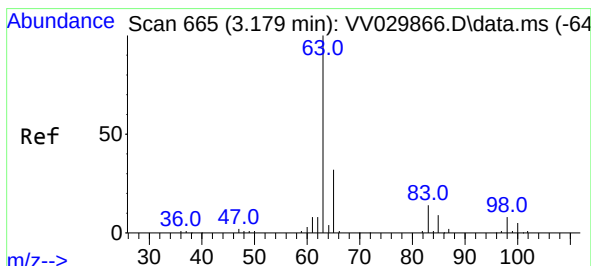
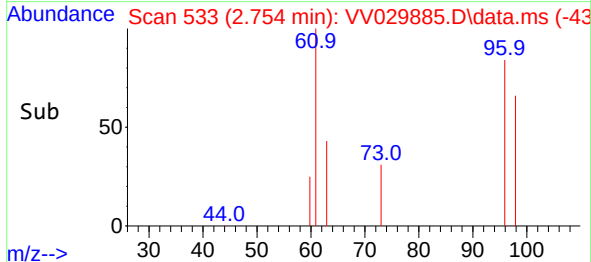
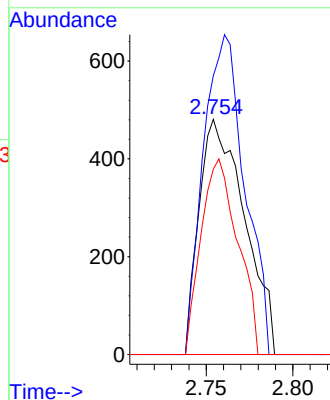
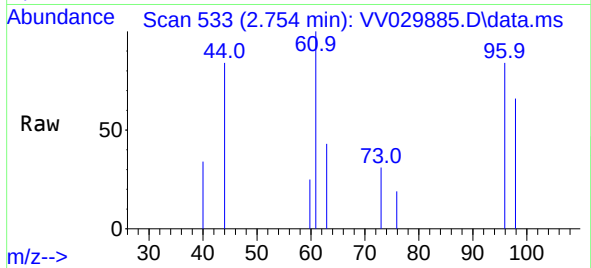




#18
trans-1,2-Dichloroethene
Concen: 0.053 ug/L
RT: 2.754 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV029885.D
Acq: 16 Jan 2023 18:47

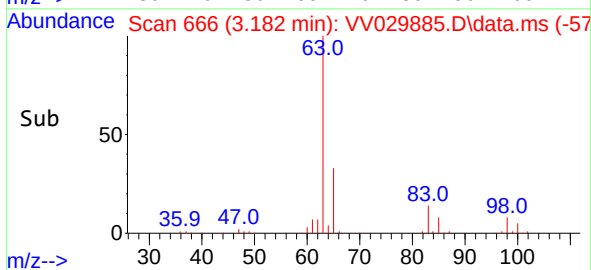
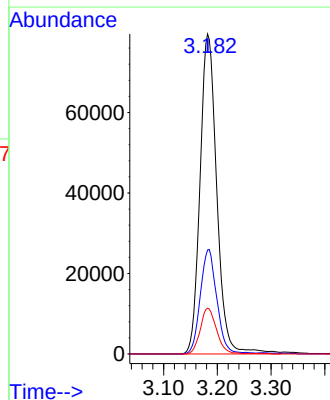
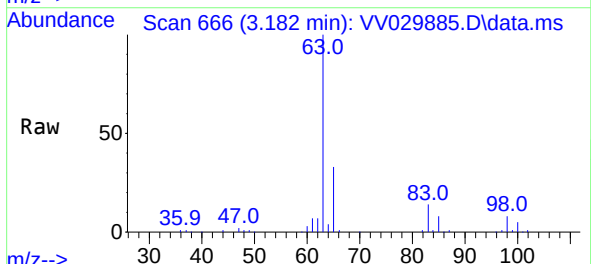
Instrument :
MSVOA_V
ClientSampleId :
BH1T8

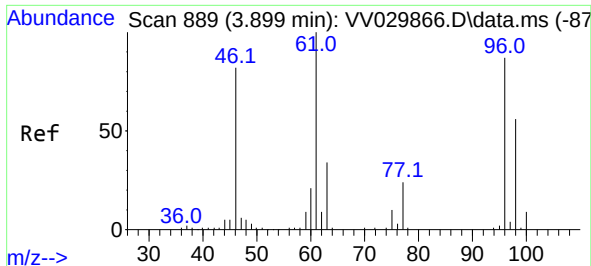
Tgt Ion: 96 Resp: 880
Ion Ratio Lower Upper
96 100
61 118.5 86.1 159.9
98 78.8 43.9 81.5



#19
1,1-Dichloroethane
Concen: 6.147 ug/L
RT: 3.182 min Scan# 666
Delta R.T. 0.003 min
Lab File: VV029885.D
Acq: 16 Jan 2023 18:47

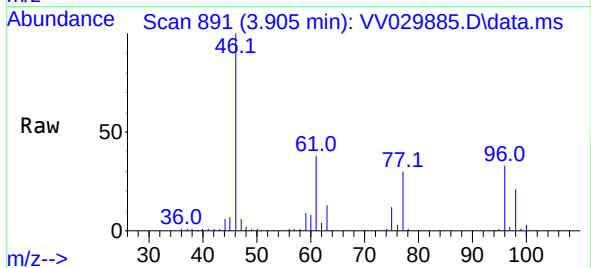
Tgt Ion: 63 Resp: 172293
Ion Ratio Lower Upper
63 100
65 32.5 22.4 41.6
83 14.3 10.2 19.0



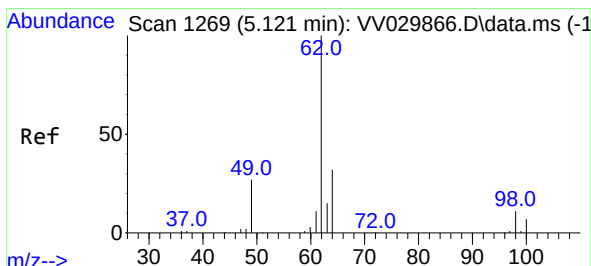
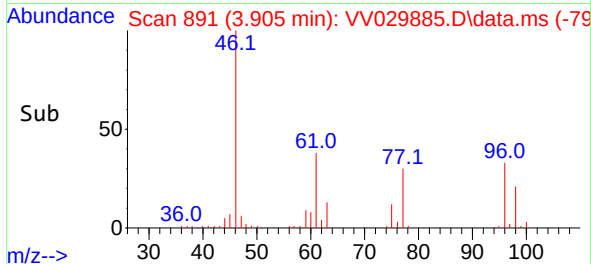
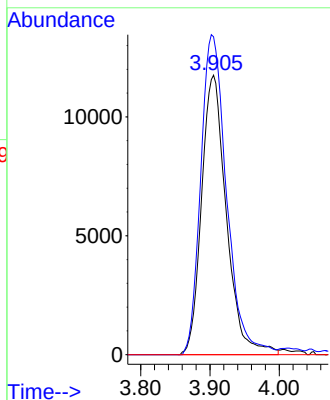


#22
cis-1,2-Dichloroethene
Concen: 1.640 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV029885.D
Acq: 16 Jan 2023 18:47

Instrument :
MSVOA_V
ClientSampleId :
BH1T8

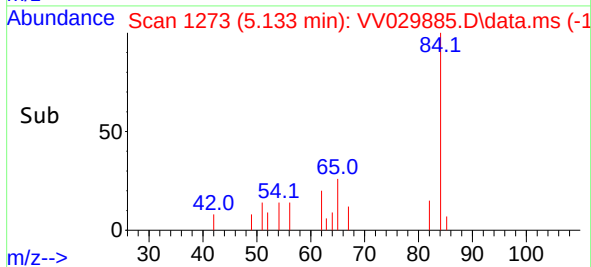
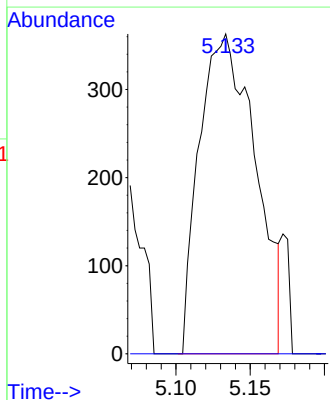
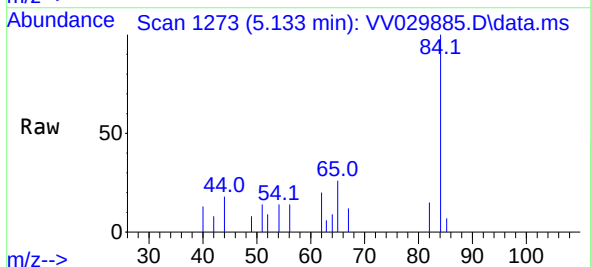


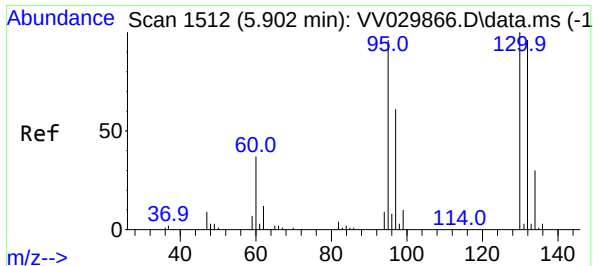
Tgt Ion: 96 Resp: 29272
Ion Ratio Lower Upper
96 100
61 113.8 80.0 148.6
68 0.0 0.0 0.0



#27
1,2-Dichloroethane
Concen: 0.064 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.013 min
Lab File: VV029885.D
Acq: 16 Jan 2023 18:47

Tgt Ion: 62 Resp: 951
Ion Ratio Lower Upper
62 100
98 0.0 8.9 13.3#



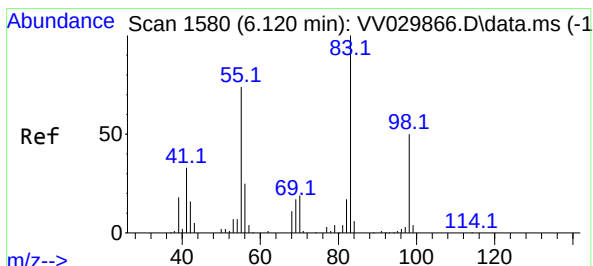
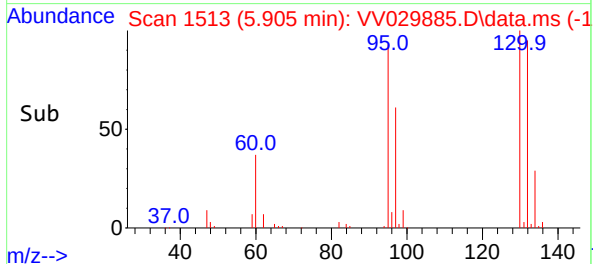
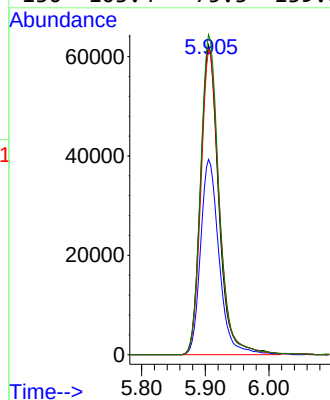
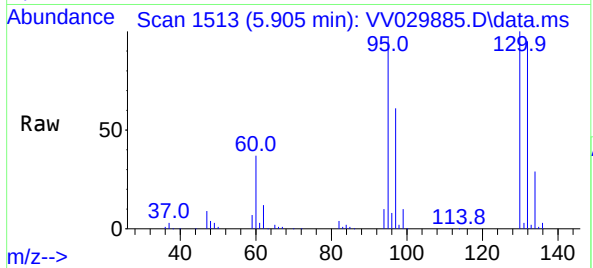


#34
Trichloroethene
Concen: 7.491 ug/L
RT: 5.905 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029885.D
Acq: 16 Jan 2023 18:47

Instrument :
MSVOA_V
ClientSampleId :
BH1T8

Tgt Ion: 95 Resp: 124064

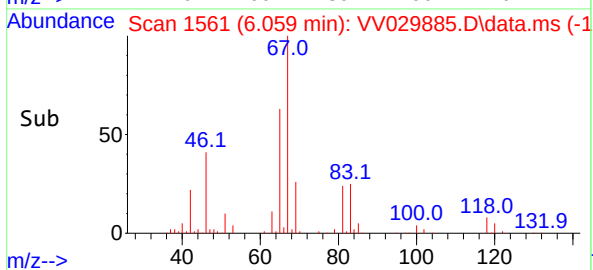
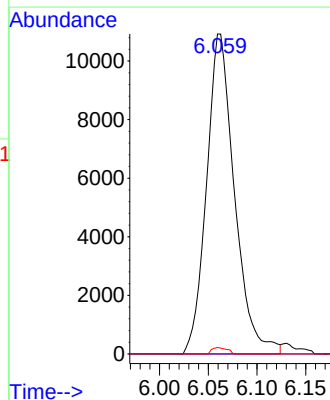
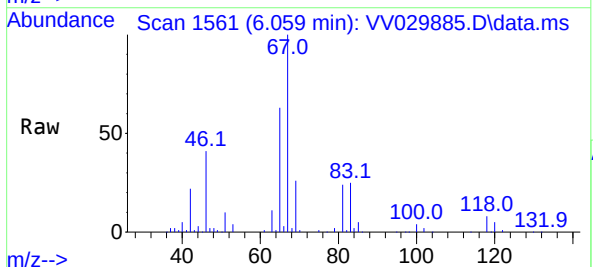
Ion	Ratio	Lower	Upper
95	100		
97	63.1	44.9	83.3
132	98.5	71.8	133.4
130	103.4	75.3	139.8

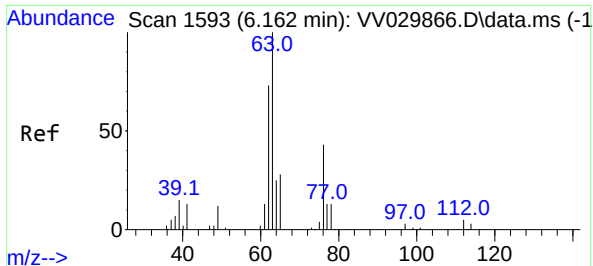


#35
Methylcyclohexane
Concen: 0.781 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.061 min
Lab File: VV029885.D
Acq: 16 Jan 2023 18:47

Tgt Ion: 83 Resp: 21824

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.3	85.9#
98	1.1	39.0	58.6#

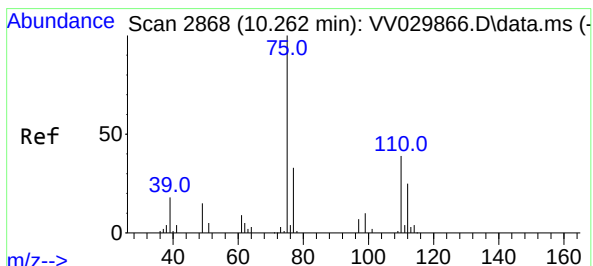
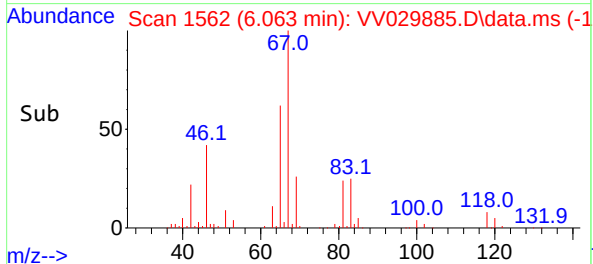
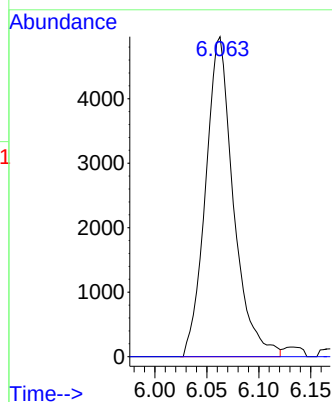
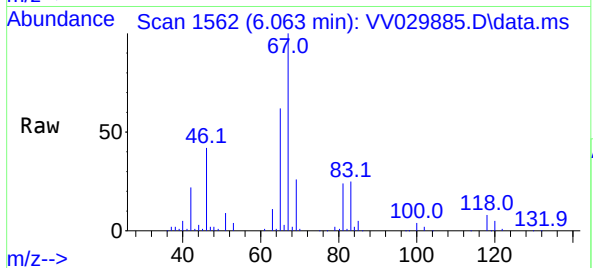




#37
1,2-Dichloropropane
Concen: 0.606 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV029885.D
Acq: 16 Jan 2023 18:47

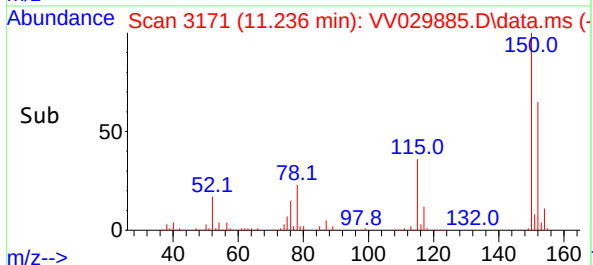
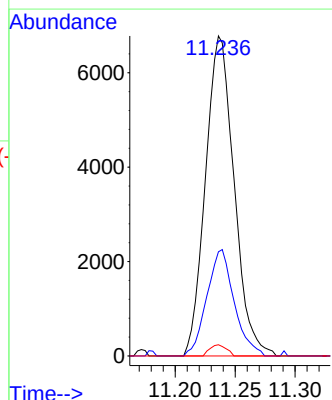
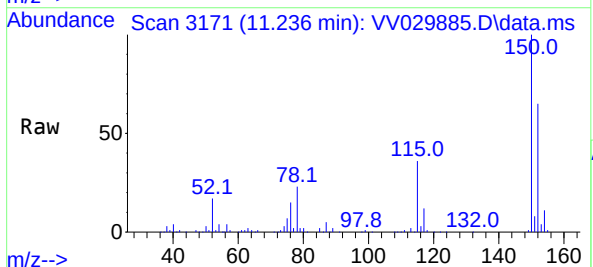
Instrument :
MSVOA_V
ClientSampleId :
BH1T8

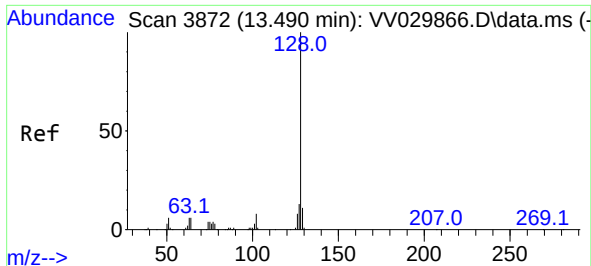
Tgt Ion: 63 Resp: 9272
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#61
1,2,3-Trichloropropane
Concen: 1.484 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.974 min
Lab File: VV029885.D
Acq: 16 Jan 2023 18:47

Tgt Ion: 75 Resp: 11265
Ion Ratio Lower Upper
75 100
77 31.7 26.5 39.7
110 2.0 31.8 47.8#





#71
Naphthalene
Concen: 0.588 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.003 min
Lab File: VV029885.D
Acq: 16 Jan 2023 18:47

Instrument :
MSVOA_V
ClientSampleId :
BH1T8

Tgt Ion:	128	Resp:	15947
Ion	Ratio	Lower	Upper
128	100		
129	9.5	8.6	12.8
127	12.6	10.0	15.0

