

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029864.D
 Acq On : 14 Jan 2023 17:11
 Operator : SY/MD
 Sample : 01138-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005385

Quant Time: Jan 16 00:41:46 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)

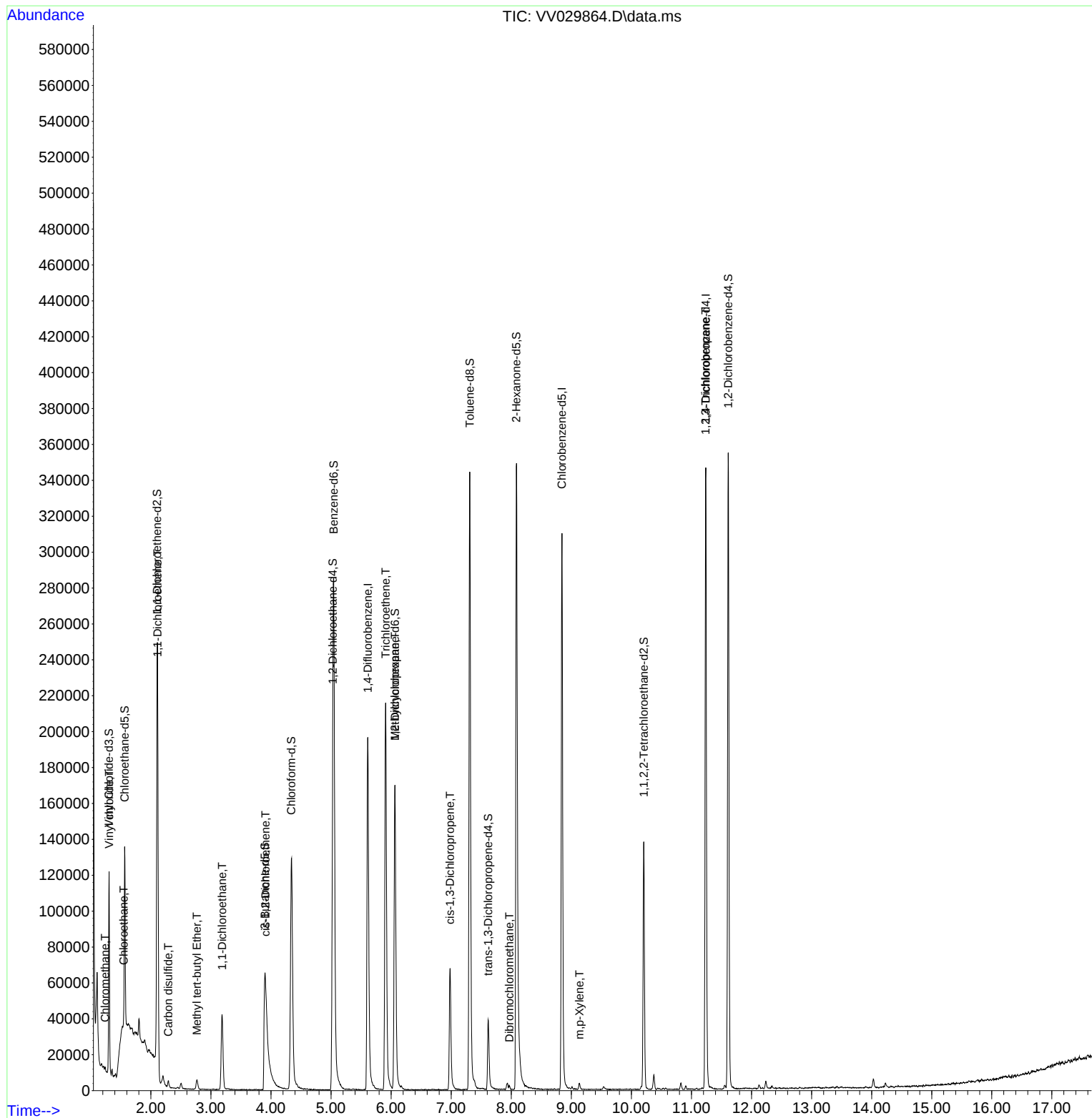
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	187114	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	184996	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	97005	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	65813	4.637	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.564	69	61729	5.247	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.105	63	107934	4.172	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	3.899	46	158855	63.150	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.300%
24) Chloroform-d	4.339	84	140572	5.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.000%
26) 1,2-Dichloroethane-d4	5.027	65	65673	5.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.200%
32) Benzene-d6	5.043	84	289977	5.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
36) 1,2-Dichloropropane-d6	6.063	67	92560	5.763	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.200%
41) Toluene-d8	7.310	98	247681	4.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	7.616	79	25954	4.425	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.085	63	141808	59.386	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.780%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	70222	5.967	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.400%
66) 1,2-Dichlorobenzene-d4	11.612	152	97565	5.532	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1564	0.085	ug/L	92
5) Vinyl chloride	1.307	62	2964	0.165	ug/L #	59
8) Chloroethane	1.548	64	99351	9.111	ug/L #	50
12) 1,1-Dichloroethene	2.114	96	34947	2.187	ug/L #	53
14) Carbon disulfide	2.291	76	5085	0.111	ug/L #	88
17) Methyl tert-butyl Ether	2.767	73	5675	0.205	ug/L	96
19) 1,1-Dichloroethane	3.185	63	43320	1.744	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	941	0.059	ug/L	98
34) Trichloroethene	5.908	95	82026	5.292	ug/L	95
35) Methylcyclohexane	6.063	83	21953	0.839	ug/L #	20
39) cis-1,3-Dichloropropene	6.982	75	1699	0.088	ug/L #	40
49) Dibromochloromethane	7.969	129	321	0.027	ug/L #	11
53) m,p-Xylene	9.136	106	1283	0.047	ug/L	99
61) 1,2,3-Trichloropropane	11.236	75	10761	1.498	ug/L #	66

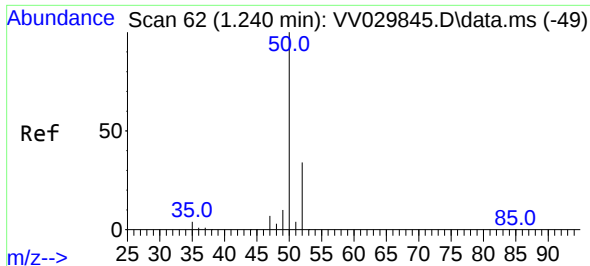
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

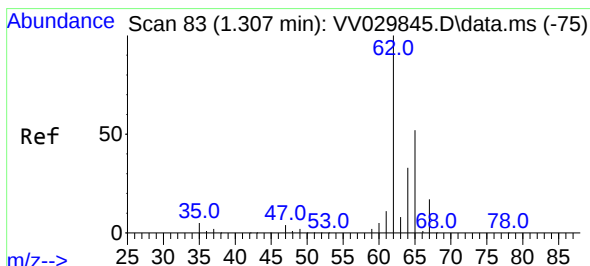
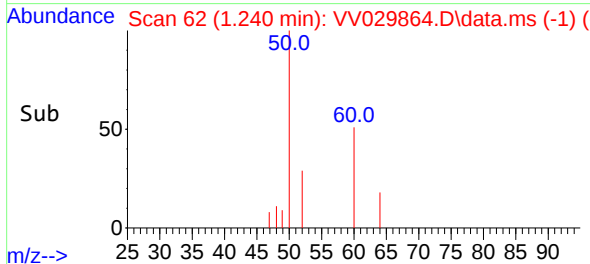
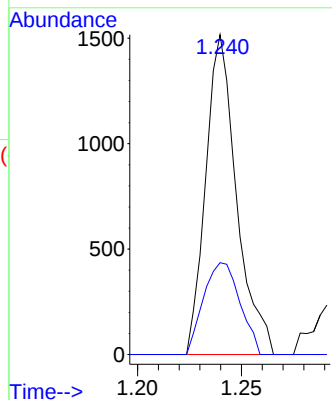
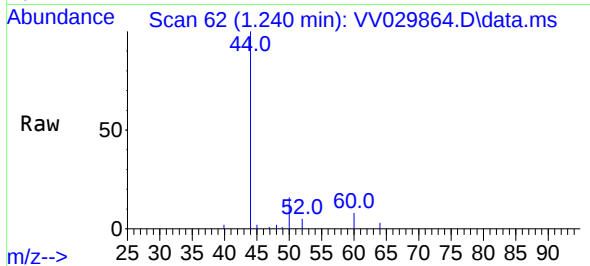




#3
Chloromethane
Concen: 0.085 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029864.D
Acq: 14 Jan 2023 17:11

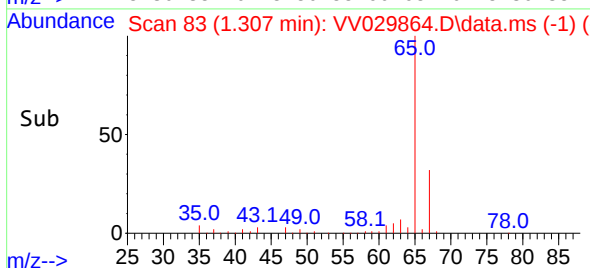
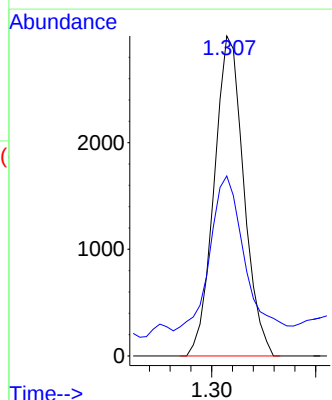
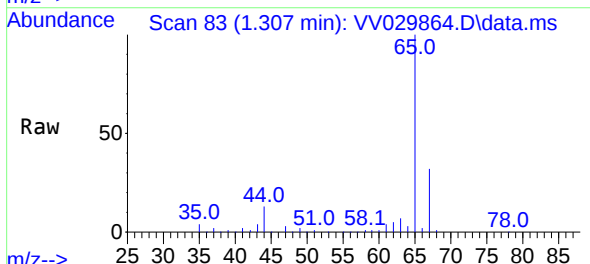
Instrument :
MSVOA_V
ClientSampleId :
VSTD005385

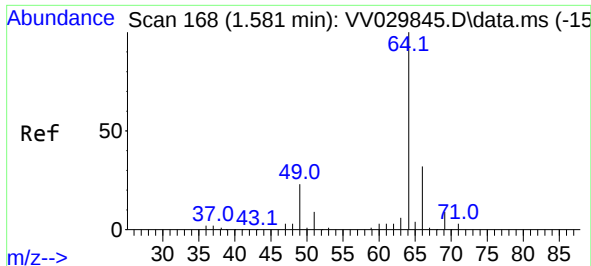
Tgt Ion: 50 Resp: 1564
Ion Ratio Lower Upper
50 100
52 28.7 23.1 42.9



#5
Vinyl chloride
Concen: 0.165 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV029864.D
Acq: 14 Jan 2023 17:11

Tgt Ion: 62 Resp: 2964
Ion Ratio Lower Upper
62 100
64 56.2 23.2 43.2#

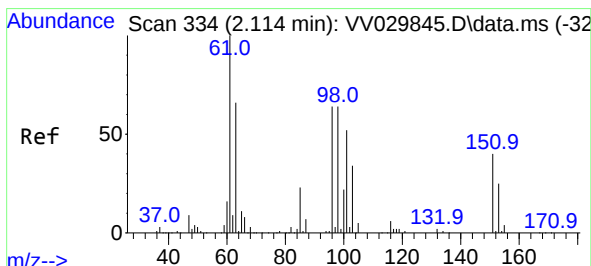
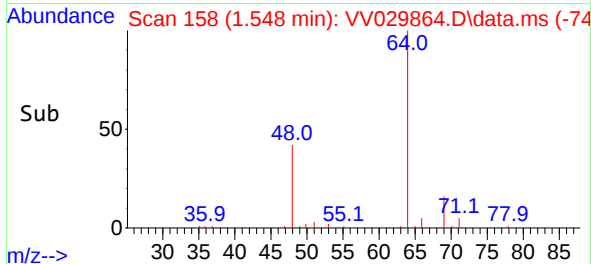
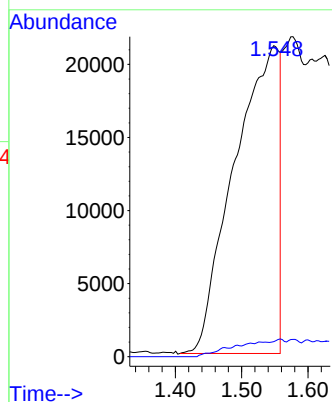
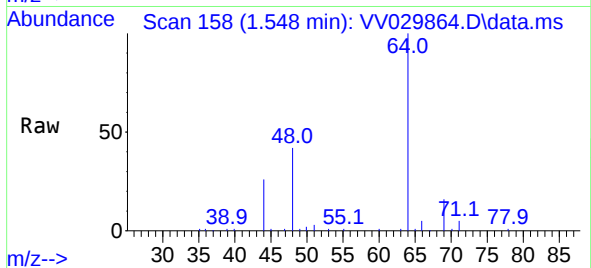




#8
Chloroethane
Concen: 9.111 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.029 min
Lab File: VV029864.D
Acq: 14 Jan 2023 17:11

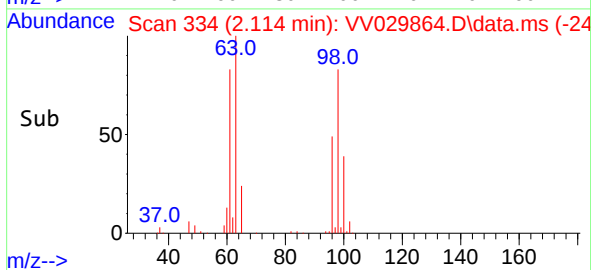
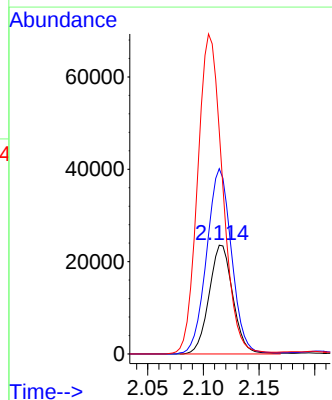
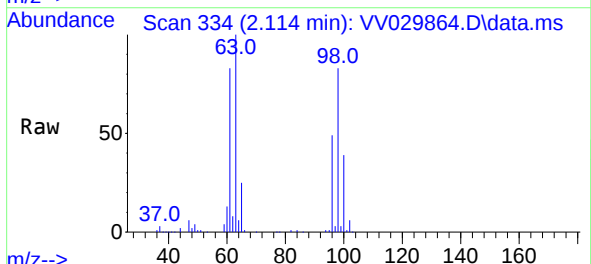
Instrument :
MSVOA_V
ClientSampleId :
VSTD005385

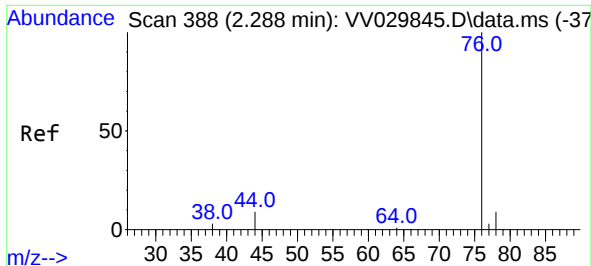
Tgt Ion: 64 Resp: 99351
Ion Ratio Lower Upper
64 100
66 4.8 22.9 42.5#



#12
1,1-Dichloroethene
Concen: 2.187 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV029864.D
Acq: 14 Jan 2023 17:11

Tgt Ion: 96 Resp: 34947
Ion Ratio Lower Upper
96 100
61 170.3 106.1 197.1
63 205.2 76.4 141.8#

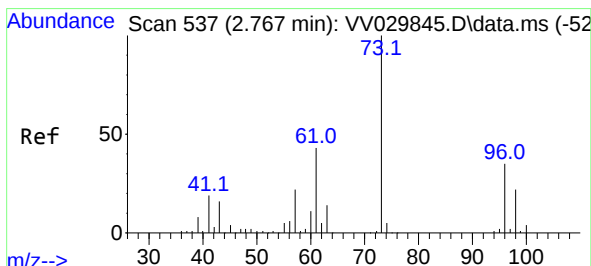
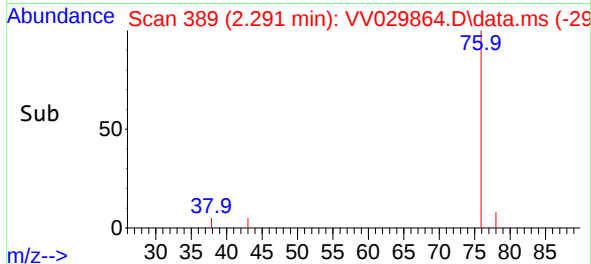
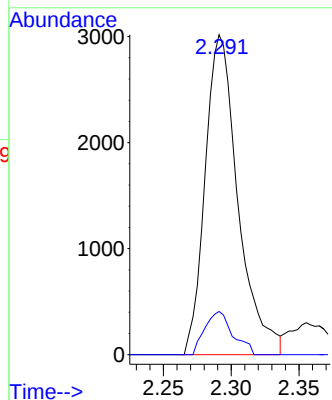
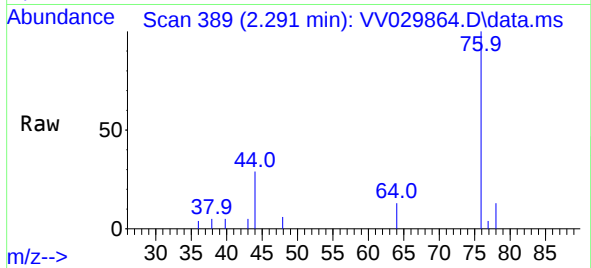




#14
Carbon disulfide
Concen: 0.111 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.006 min
Lab File: VV029864.D
Acq: 14 Jan 2023 17:11

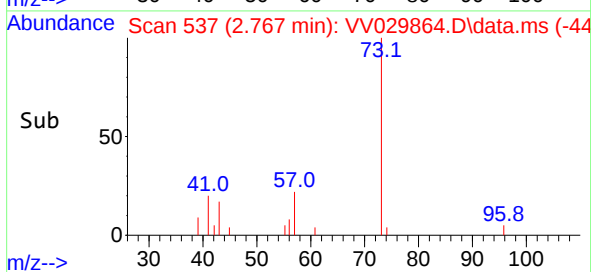
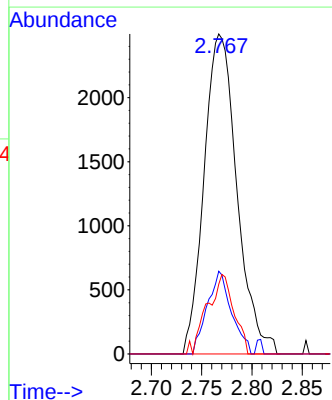
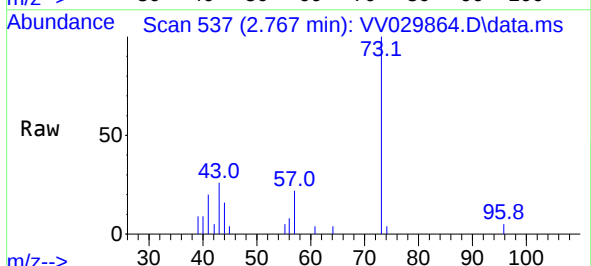
Instrument :
MSVOA_V
ClientSampleId :
VSTD005385

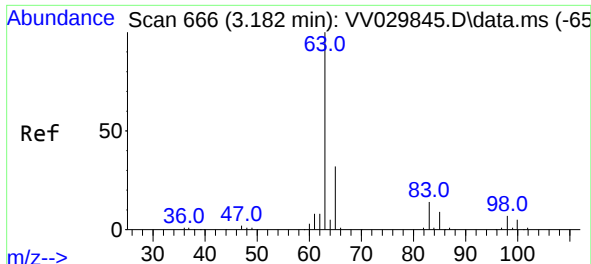
Tgt Ion: 76 Resp: 5085
Ion Ratio Lower Upper
76 100
78 13.5 7.4 11.0#



#17
Methyl tert-butyl Ether
Concen: 0.205 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV029864.D
Acq: 14 Jan 2023 17:11

Tgt Ion: 73 Resp: 5675
Ion Ratio Lower Upper
73 100
43 19.1 13.0 19.4
57 20.1 17.1 25.7

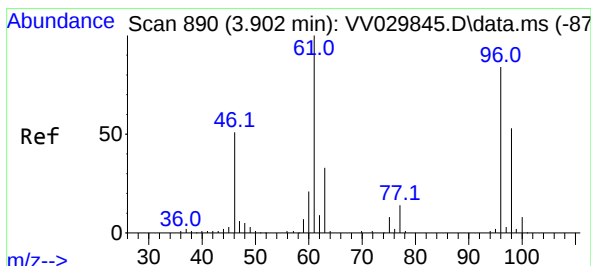
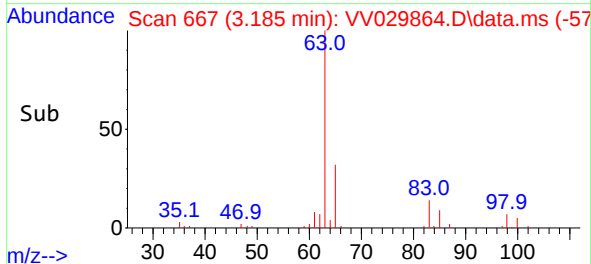
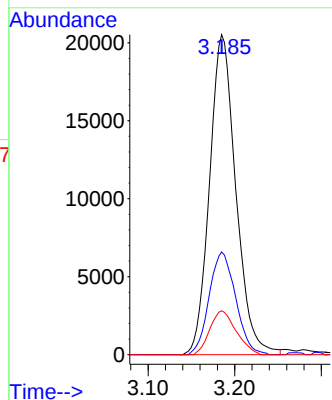
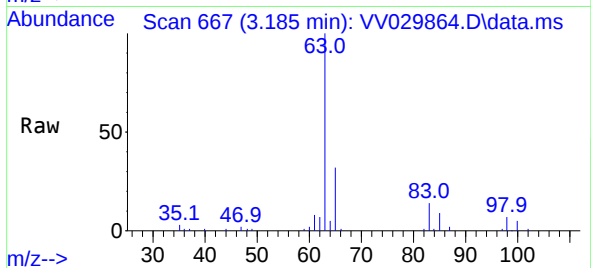




#19
1,1-Dichloroethane
Concen: 1.744 ug/L
RT: 3.185 min Scan# 666
Delta R.T. 0.006 min
Lab File: VV029864.D
Acq: 14 Jan 2023 17:11

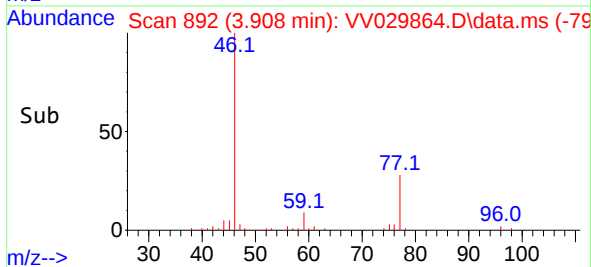
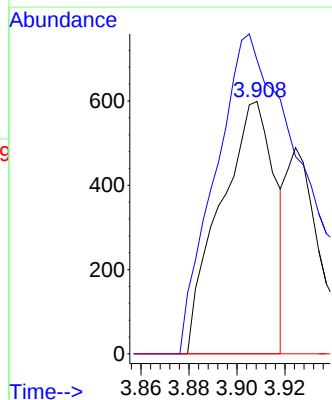
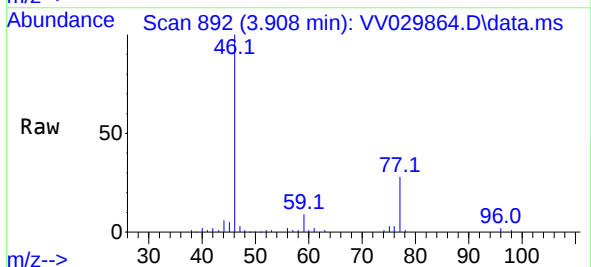
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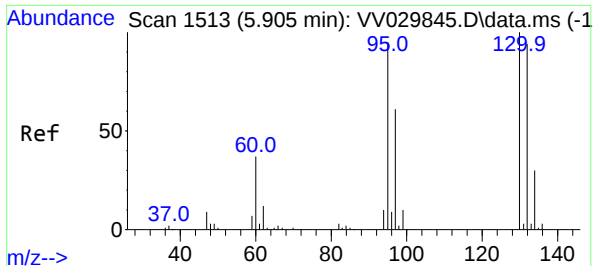
Tgt Ion: 63 Resp: 43320
Ion Ratio Lower Upper
63 100
65 32.1 22.4 41.6
83 13.7 10.2 19.0



#22
cis-1,2-Dichloroethene
Concen: 0.059 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.010 min
Lab File: VV029864.D
Acq: 14 Jan 2023 17:11

Tgt Ion: 96 Resp: 941
Ion Ratio Lower Upper
96 100
61 116.4 80.0 148.6
68 0.0 0.0 0.0



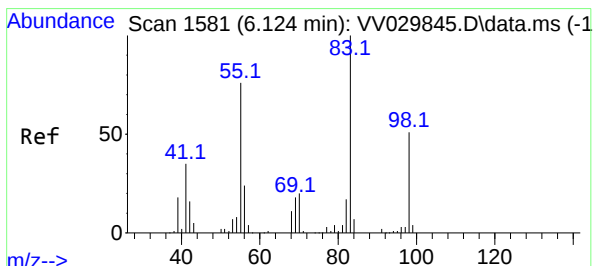
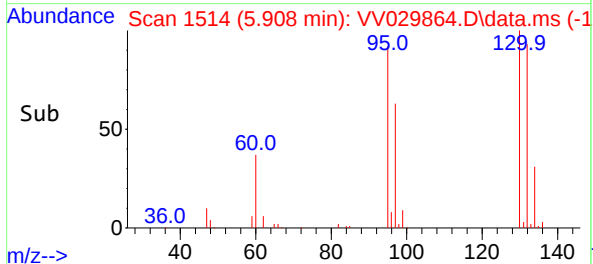
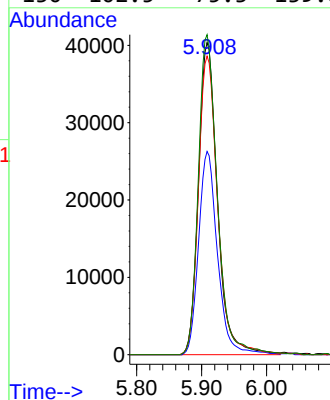
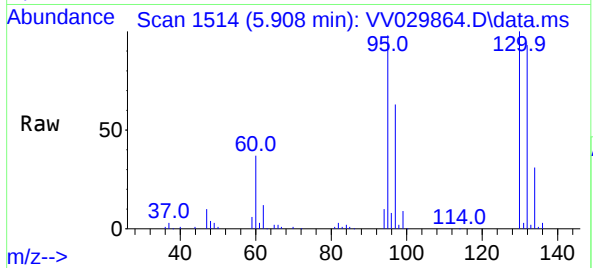


#34
Trichloroethene
Concen: 5.292 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029864.D
Acq: 14 Jan 2023 17:11

Instrument :
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ClientSampleId :
VSTD005385

Tgt Ion: 95 Resp: 82026

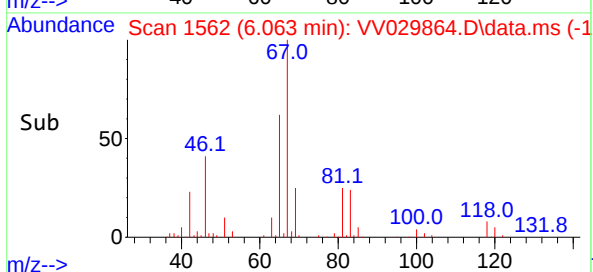
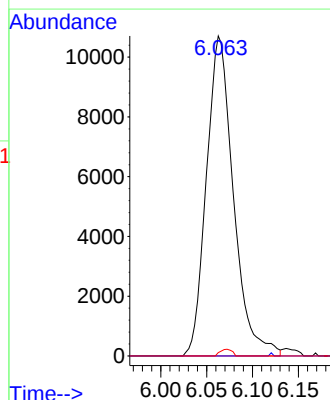
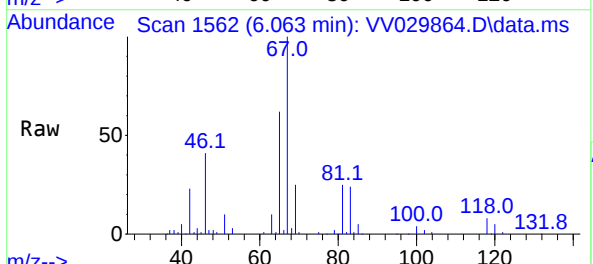
Ion	Ratio	Lower	Upper
95	100		
97	65.1	44.9	83.3
132	95.6	71.8	133.4
130	102.5	75.3	139.8

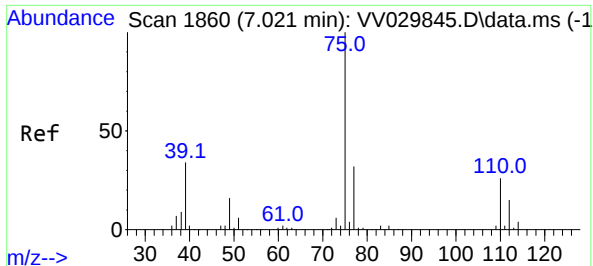


#35
Methylcyclohexane
Concen: 0.839 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV029864.D
Acq: 14 Jan 2023 17:11

Tgt Ion: 83 Resp: 21953

Ion	Ratio	Lower	Upper
83	100		
55	0.1	57.3	85.9#
98	0.9	39.0	58.6#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV029864.D

Acq: 14 Jan 2023 17:11

Instrument :

MSVOA_V

ClientSampleId :

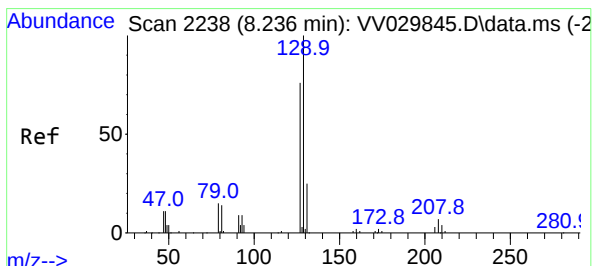
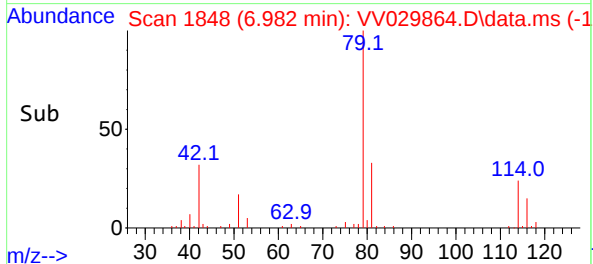
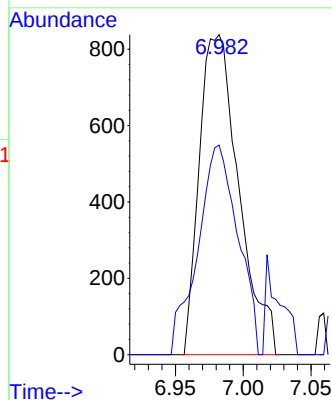
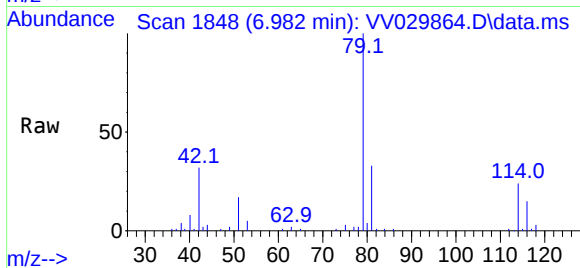
VSTD005385

Tgt Ion: 75 Resp: 1699

Ion Ratio Lower Upper

75 100

77 65.5 22.4 41.6#



#49

Dibromochloromethane

Concen: 0.027 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.267 min

Lab File: VV029864.D

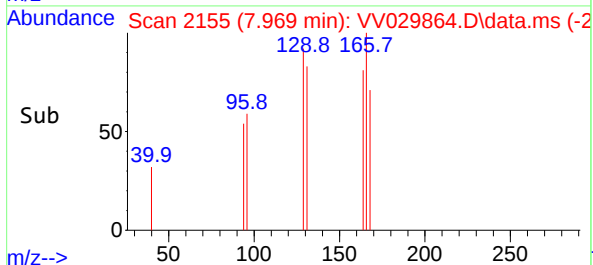
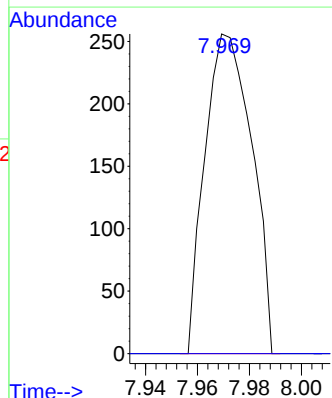
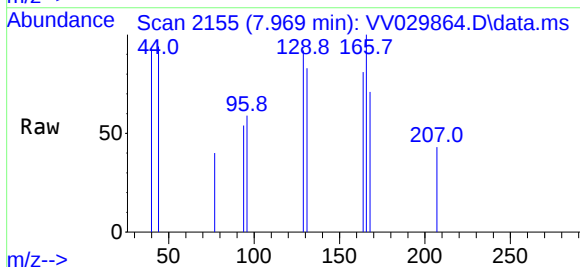
Acq: 14 Jan 2023 17:11

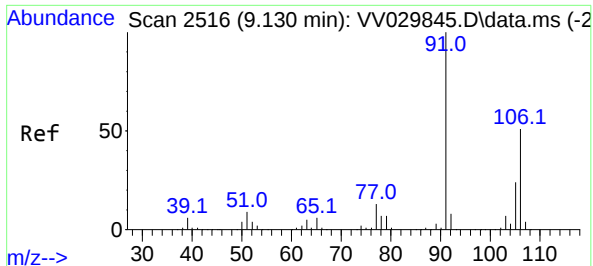
Tgt Ion: 129 Resp: 321

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#

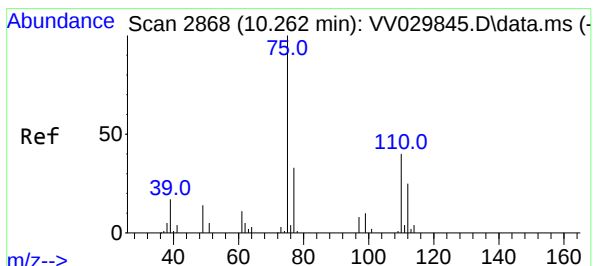
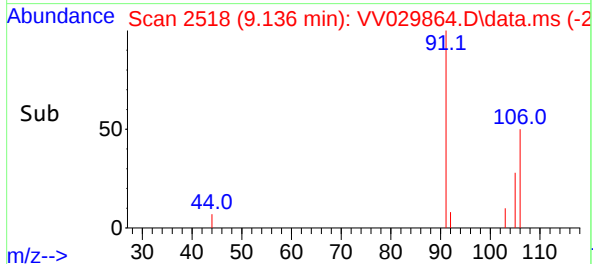
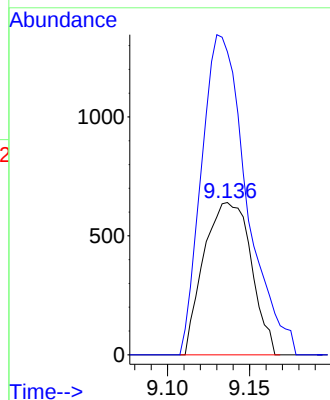
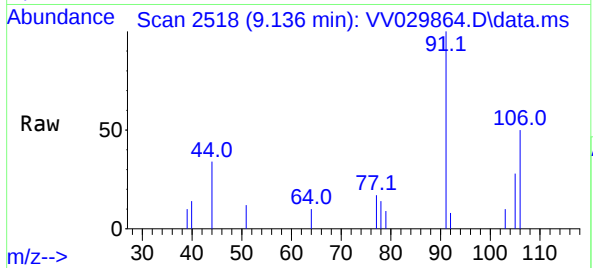




#53
m,p-Xylene
Concen: 0.047 ug/L
RT: 9.136 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV029864.D
Acq: 14 Jan 2023 17:11

Instrument :
MSVOA_V
ClientSampleId :
VSTD005385

Tgt Ion:106 Resp: 1283
Ion Ratio Lower Upper
106 100
91 199.1 138.7 257.7



#61
1,2,3-Trichloropropane
Concen: 1.498 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.974 min
Lab File: VV029864.D
Acq: 14 Jan 2023 17:11

Tgt Ion: 75 Resp: 10761
Ion Ratio Lower Upper
75 100
77 34.0 26.5 39.7
110 2.2 31.8 47.8#

