

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028963.D
 Acq On : 15 Nov 2022 01:45
 Operator : SY/MD
 Sample : N5604-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46C4

Quant Time: Nov 15 05:37:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 01:23:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	276359	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	256069	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	122977	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	61186	3.632	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.568	69	62362	4.210	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.108	63	90362	2.943	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.800%#
20) 2-Butanone-d5	3.883	46	177040	62.773	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.540%
24) Chloroform-d	4.342	84	157854	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.027	65	75244	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.047	84	328989	4.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.063	67	96575	4.525	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.310	98	278825	4.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	7.619	79	24628	3.538	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.800%
46) 2-Hexanone-d5	8.088	63	131673	44.315	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.640%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	69303	4.683	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	104942	4.770	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%

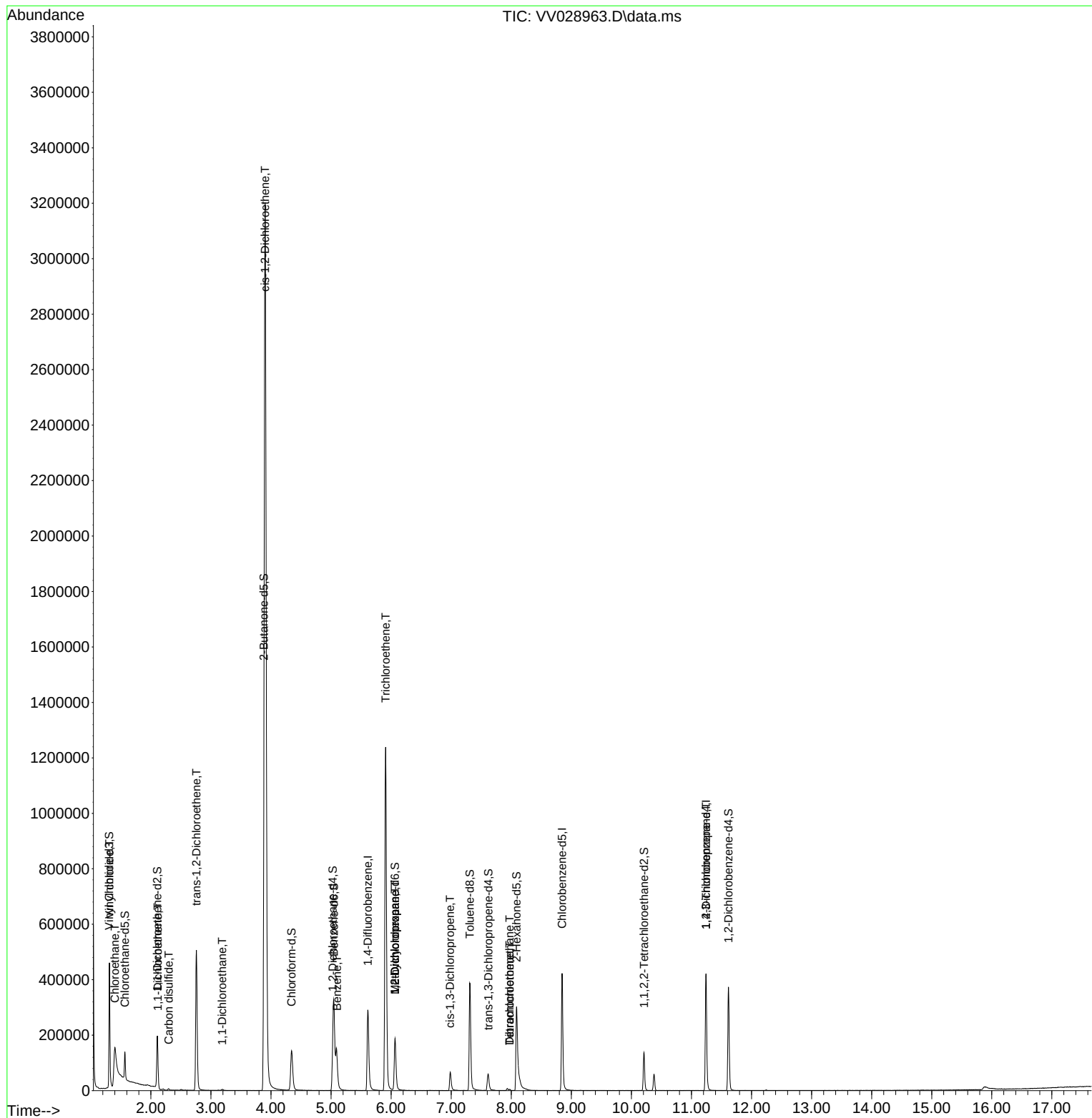
Target Compounds				Qvalue		
5) Vinyl chloride	1.310	62	252382	11.572	ug/L	96
8) Chloroethane	1.400	64	441152	34.423	ug/L #	51
12) 1,1-Dichloroethene	2.117	96	5770	0.345	ug/L #	1
14) Carbon disulfide	2.297	76	7921	0.133	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	204530	10.541	ug/L	96
19) 1,1-Dichloroethane	3.188	63	3930	0.124	ug/L	88
22) cis-1,2-Dichloroethene	3.902	96	1898101	96.222	ug/L	98
33) Benzene	5.098	78	6621	0.085	ug/L	100
34) Trichloroethene	5.908	95	442931	22.110	ug/L	98
35) Methylcyclohexane	6.063	83	24387	0.693	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	10235	0.567	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	1836	0.073	ug/L #	57
47) Tetrachloroethene	7.976	164	1091	0.068	ug/L	84
49) Dibromochloromethane	7.973	129	1093	0.077	ug/L #	10
61) 1,2,3-Trichloropropane	11.242	75	12987	1.545	ug/L #	65

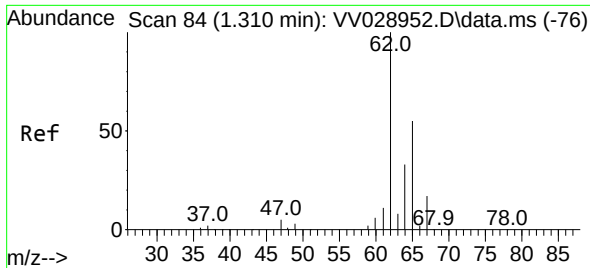
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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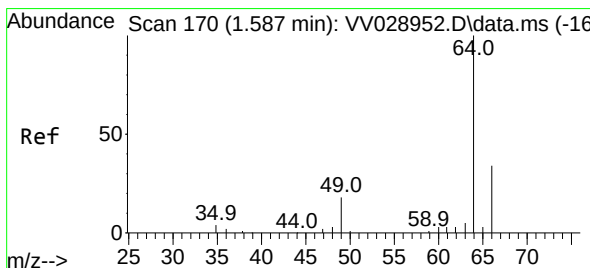
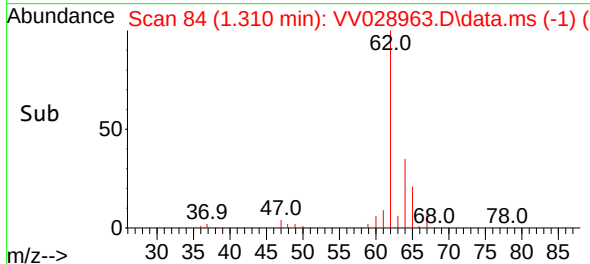
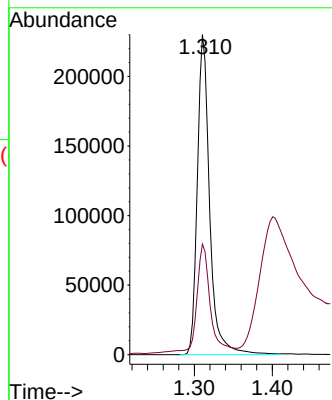
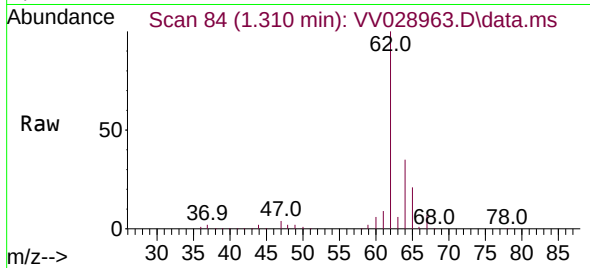




#5
 Vinyl chloride
 Concen: 11.572 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028963.D
 Acq: 15 Nov 2022 01:45

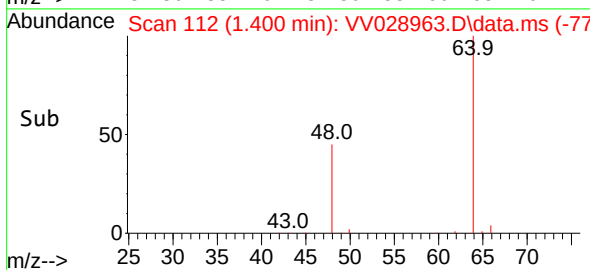
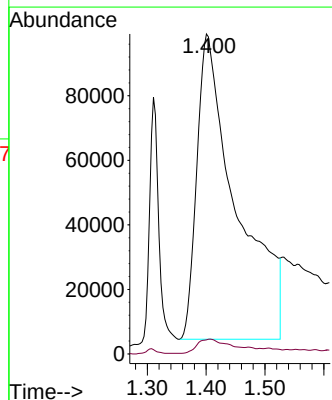
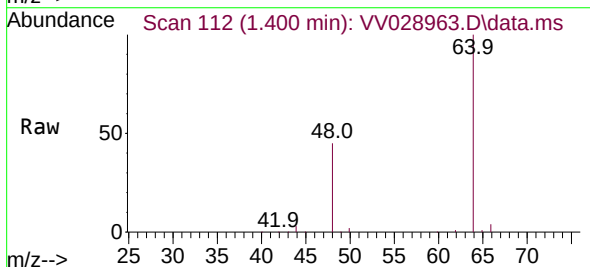
Instrument :
 MSVOA_V
 ClientSampleId :
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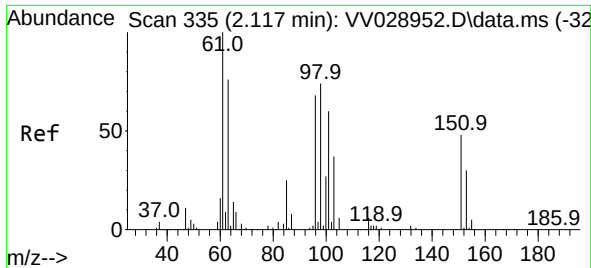
Tgt Ion: 62 Resp: 252382
 Ion Ratio Lower Upper
 62 100
 64 34.6 22.8 42.4



#8
 Chloroethane
 Concen: 34.423 ug/L
 RT: 1.400 min Scan# 112
 Delta R.T. -0.186 min
 Lab File: VV028963.D
 Acq: 15 Nov 2022 01:45

Tgt Ion: 64 Resp: 441152
 Ion Ratio Lower Upper
 64 100
 66 4.4 22.0 40.8#

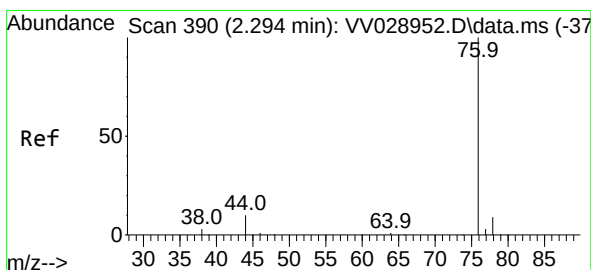
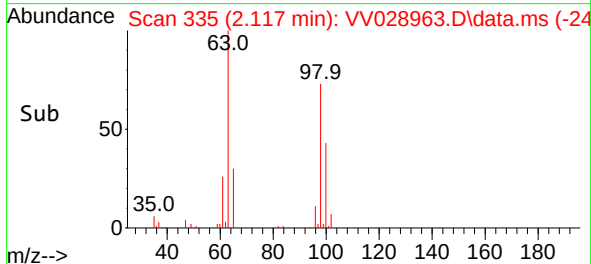
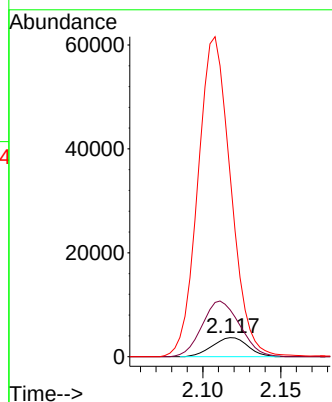
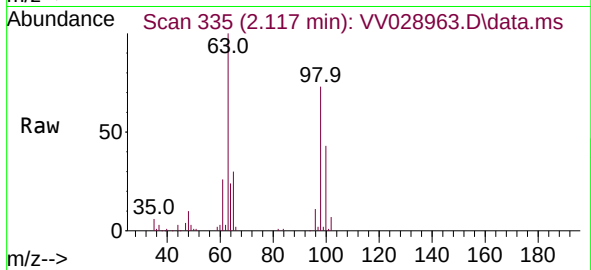




#12
1,1-Dichloroethene
Concen: 0.345 ug/L
RT: 2.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV028963.D
Acq: 15 Nov 2022 01:45

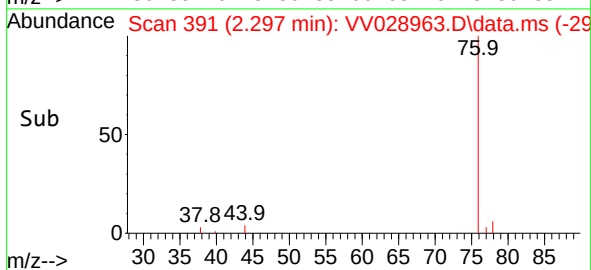
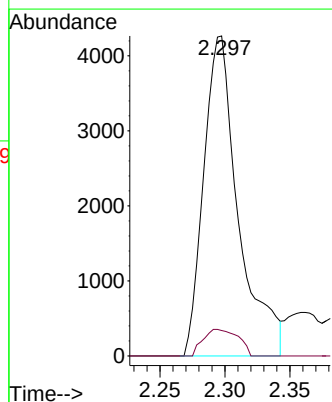
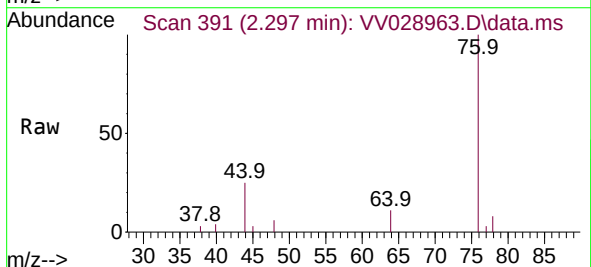
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ClientSampleId :
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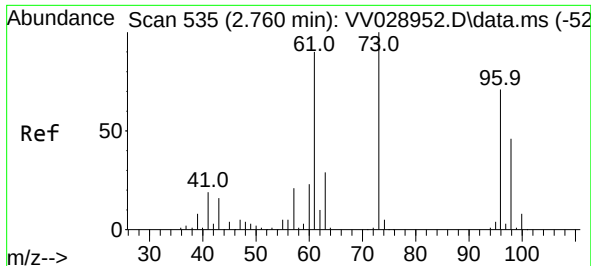
Tgt Ion: 96 Resp: 5770
Ion Ratio Lower Upper
96 100
61 245.3 104.2 193.4#
63 951.6 75.9 140.9#



#14
Carbon disulfide
Concen: 0.133 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV028963.D
Acq: 15 Nov 2022 01:45

Tgt Ion: 76 Resp: 7921
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.2

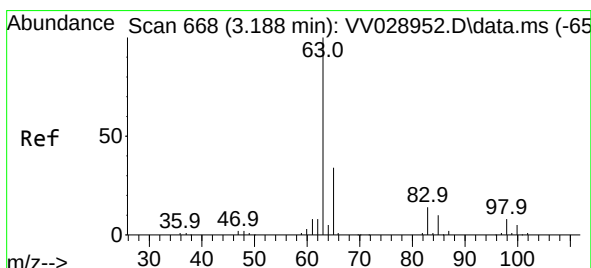
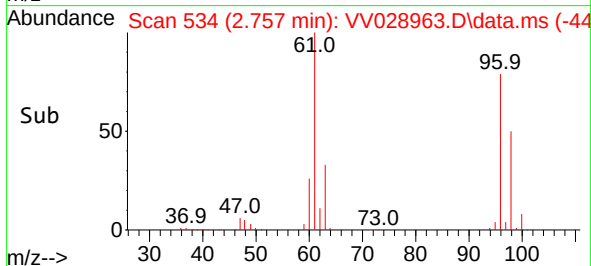
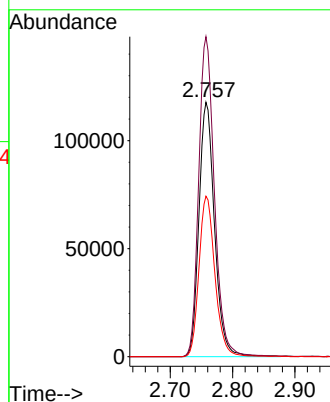
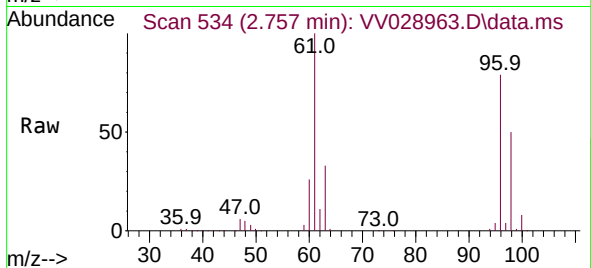




#18
trans-1,2-Dichloroethene
Concen: 10.541 ug/L
RT: 2.757 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV028963.D
Acq: 15 Nov 2022 01:45

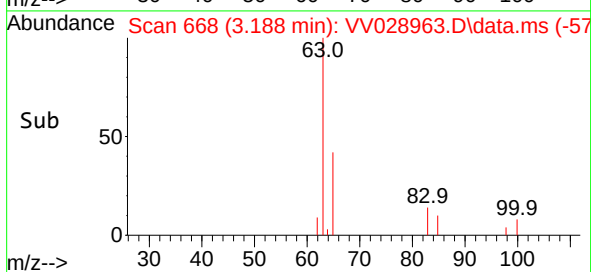
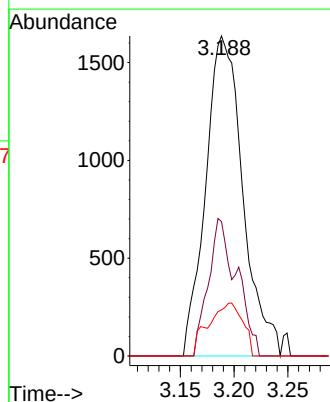
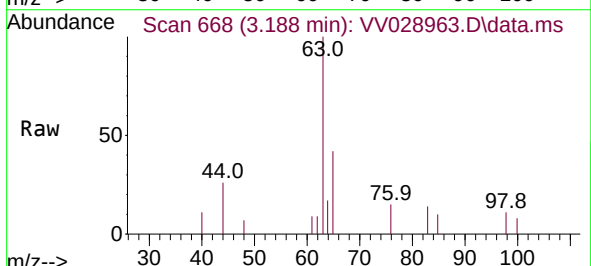
Instrument :
MSVOA_V
ClientSampleId :
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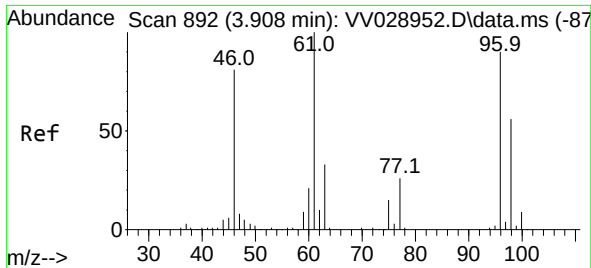
Tgt Ion: 96 Resp: 204530
Ion Ratio Lower Upper
96 100
61 125.8 91.8 170.6
98 63.1 46.4 86.2



#19
1,1-Dichloroethane
Concen: 0.124 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.000 min
Lab File: VV028963.D
Acq: 15 Nov 2022 01:45

Tgt Ion: 63 Resp: 3930
Ion Ratio Lower Upper
63 100
65 42.0 23.0 42.6
83 14.4 9.4 17.6



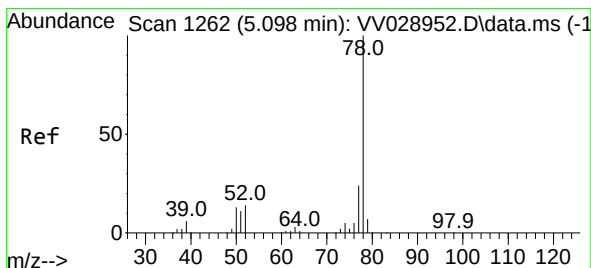
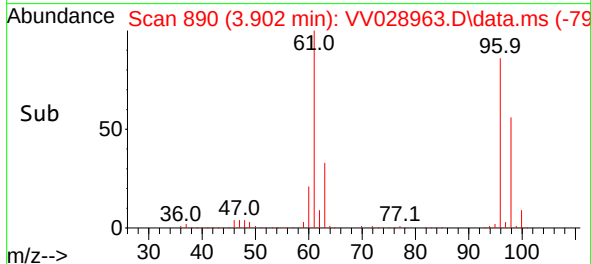
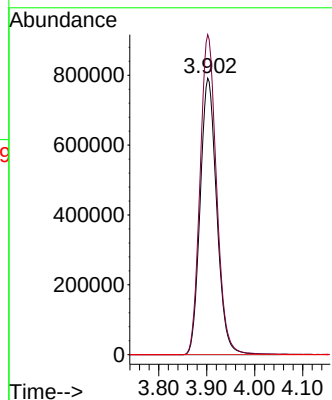
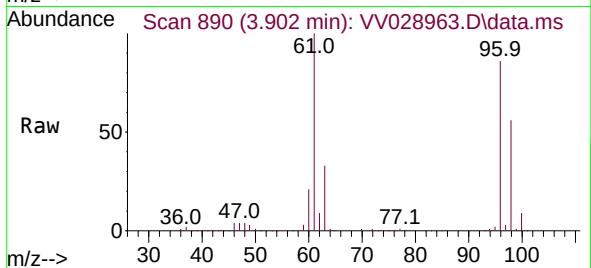


#22
 cis-1,2-Dichloroethene
 Concen: 96.222 ug/L
 RT: 3.902 min Scan# 892
 Delta R.T. -0.006 min
 Lab File: VV028963.D
 Acq: 15 Nov 2022 01:45

Instrument :
 MSVOA_V
 ClientSampleId :
 H46C4

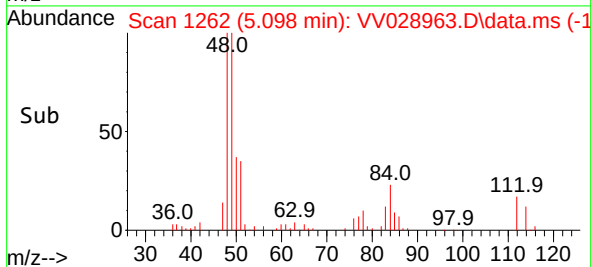
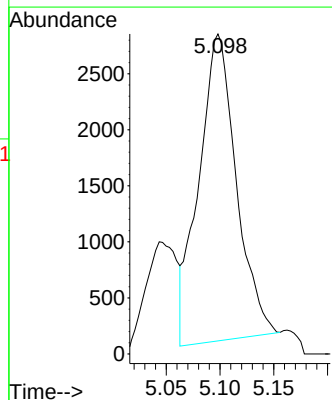
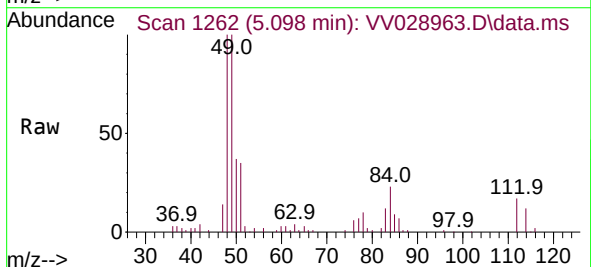
Tgt Ion: 96 Resp: 1898101

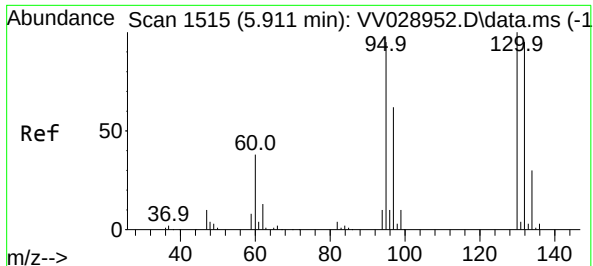
Ion	Ratio	Lower	Upper
96	100		
61	115.7	82.3	152.9
68	0.0	0.0	0.0



#33
 Benzene
 Concen: 0.085 ug/L
 RT: 5.098 min Scan# 1262
 Delta R.T. 0.000 min
 Lab File: VV028963.D
 Acq: 15 Nov 2022 01:45

Tgt Ion: 78 Resp: 6621

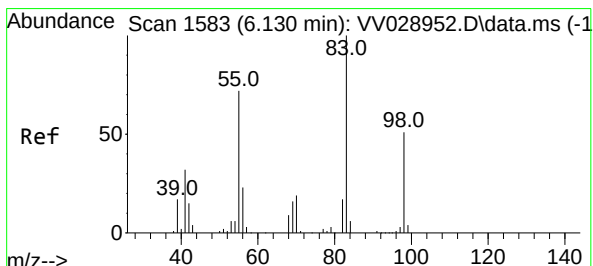
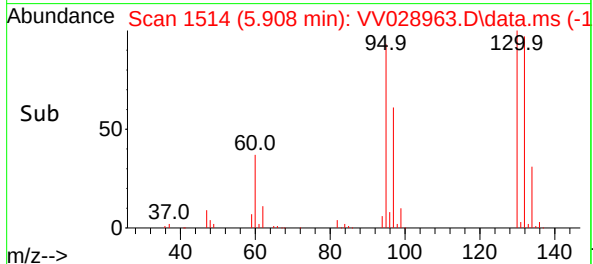
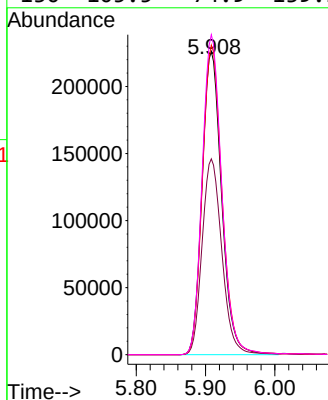
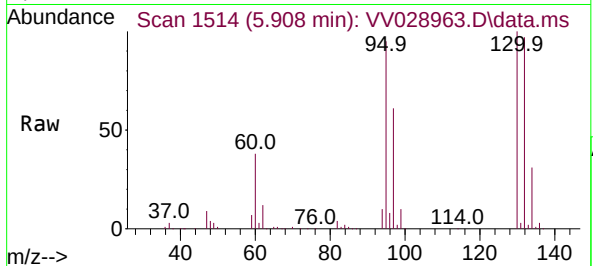




#34
Trichloroethene
Concen: 22.110 ug/L
RT: 5.908 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV028963.D
Acq: 15 Nov 2022 01:45

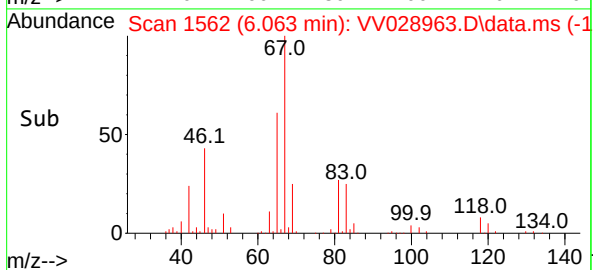
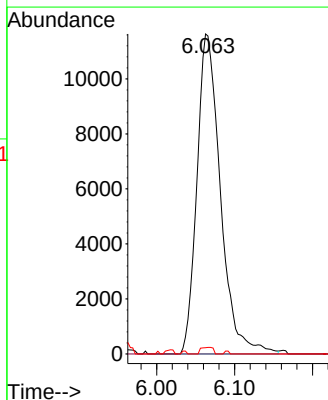
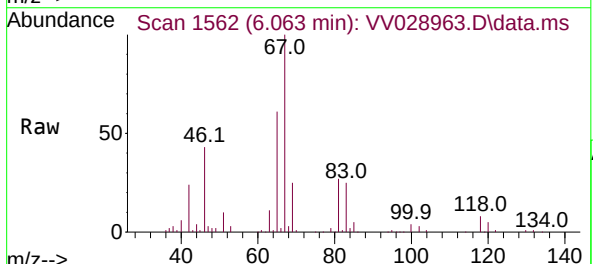
Instrument :
MSVOA_V
ClientSampleId :
H46C4

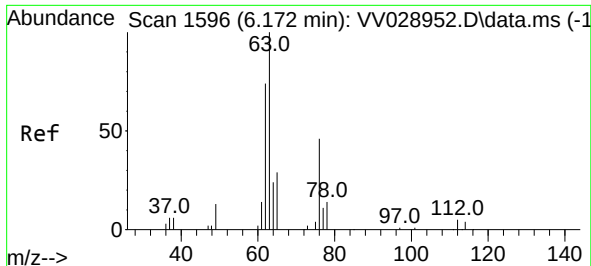
Tgt Ion: 95 Resp: 442931
Ion Ratio Lower Upper
95 100
97 64.6 45.6 84.8
132 102.0 69.1 128.3
130 105.5 74.9 139.1



#35
Methylcyclohexane
Concen: 0.693 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.067 min
Lab File: VV028963.D
Acq: 15 Nov 2022 01:45

Tgt Ion: 83 Resp: 24387
Ion Ratio Lower Upper
83 100
55 0.0 55.8 83.6#
98 0.0 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.567 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.109 min

Lab File: VV028963.D

Acq: 15 Nov 2022 01:45

Instrument :

MSVOA_V

ClientSampleId :

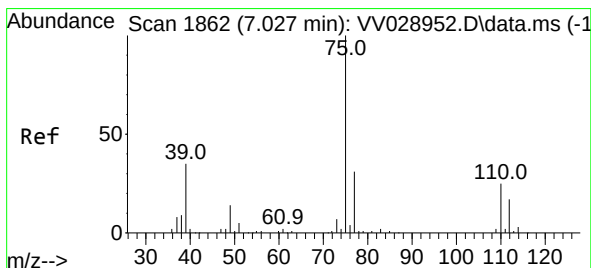
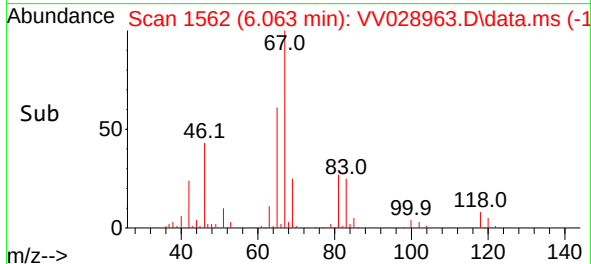
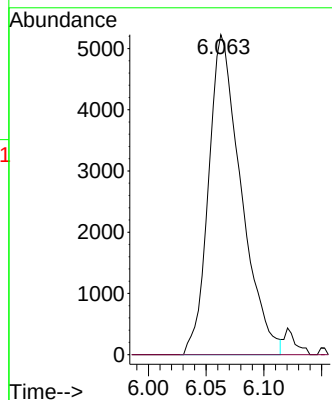
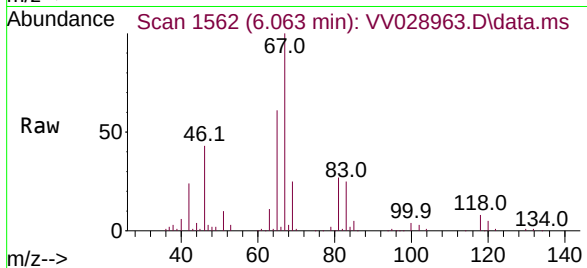
H46C4

Tgt Ion: 63 Resp: 10235

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.045 min

Lab File: VV028963.D

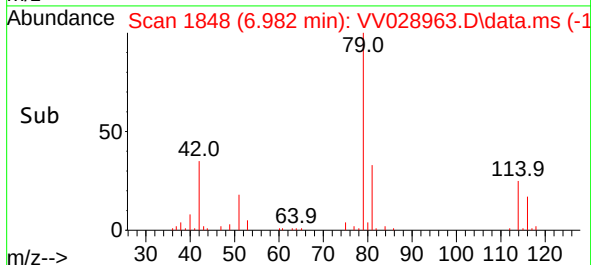
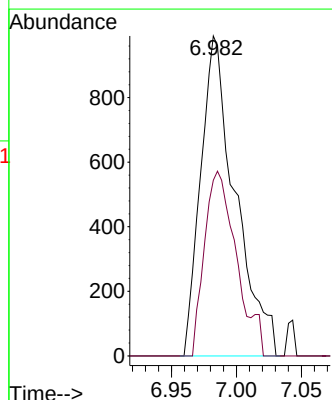
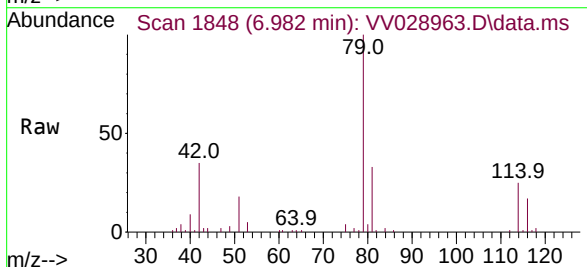
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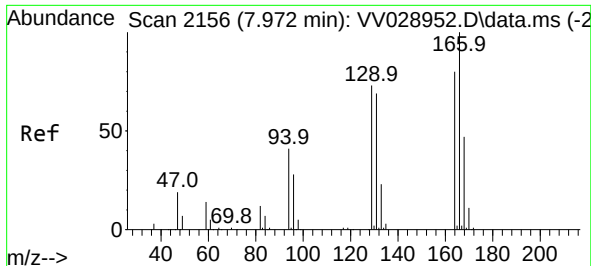
Tgt Ion: 75 Resp: 1836

Ion Ratio Lower Upper

75 100

77 54.9 21.8 40.6#



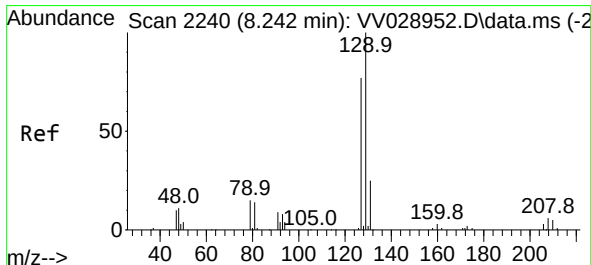
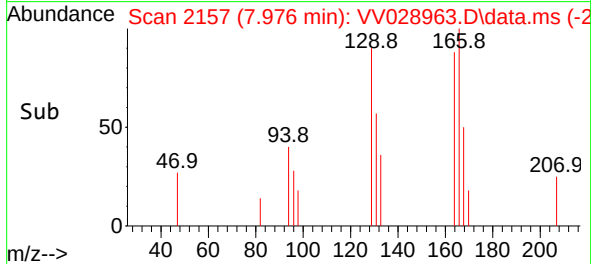
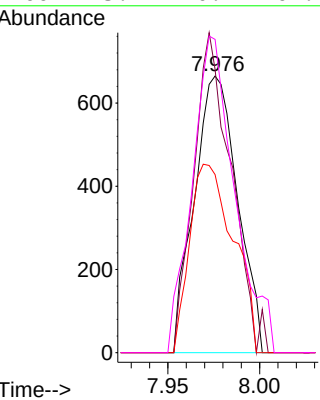
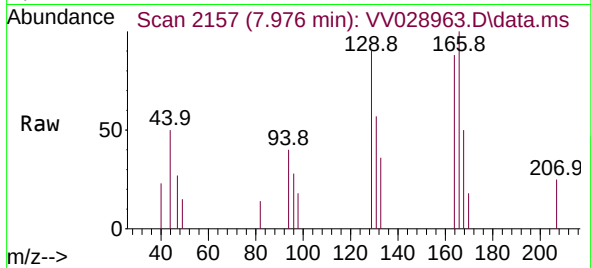


#47
Tetrachloroethene
Concen: 0.068 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028963.D
Acq: 15 Nov 2022 01:45

Instrument :
MSVOA_V
ClientSampleId :
H46C4

Tgt Ion:164 Resp: 1091

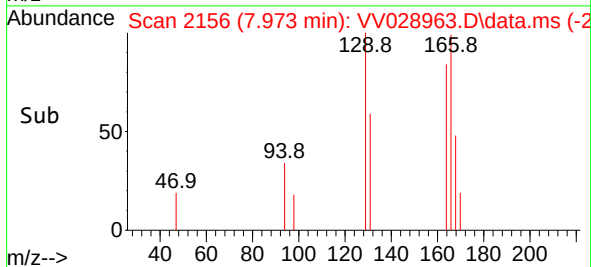
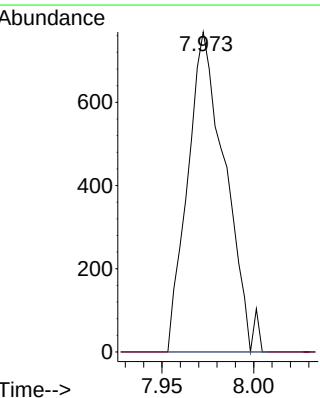
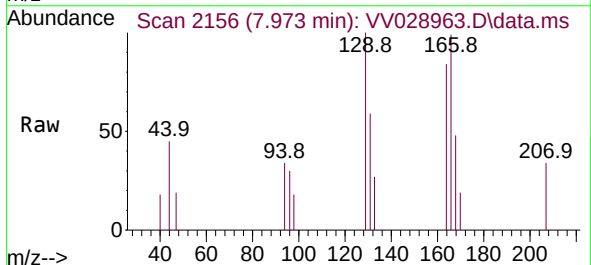
Ion	Ratio	Lower	Upper
164	100		
129	102.4	63.9	118.7
131	64.4	61.8	114.8
166	113.2	90.2	167.4

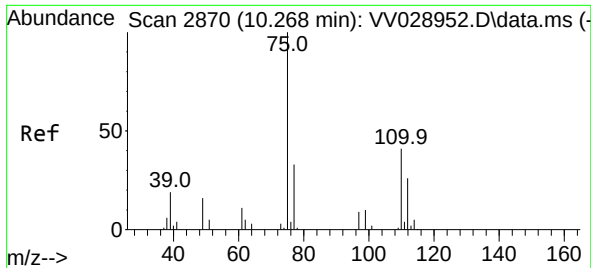


#49
Dibromochloromethane
Concen: 0.077 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.270 min
Lab File: VV028963.D
Acq: 15 Nov 2022 01:45

Tgt Ion:129 Resp: 1093

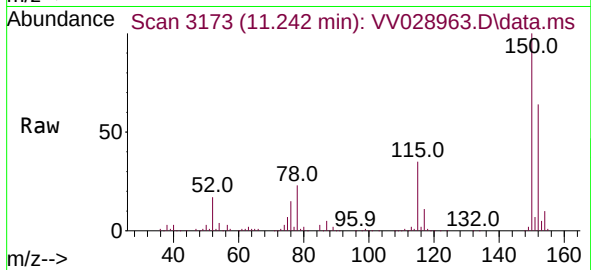
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.5	101.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.545 ug/L
 RT: 11.242 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV028963.D
 Acq: 15 Nov 2022 01:45

Instrument :
 MSVOA_V
 ClientSampleId :
 H46C4



Tgt Ion:	75	Resp:	12987
Ion	Ratio	Lower	Upper
75	100		
77	33.5	26.2	39.2
110	2.3	32.6	48.8#

