

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028955.D
 Acq On : 14 Nov 2022 22:30
 Operator : SY/MD
 Sample : N5604-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46B8

Quant Time: Nov 15 05:35:11 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)

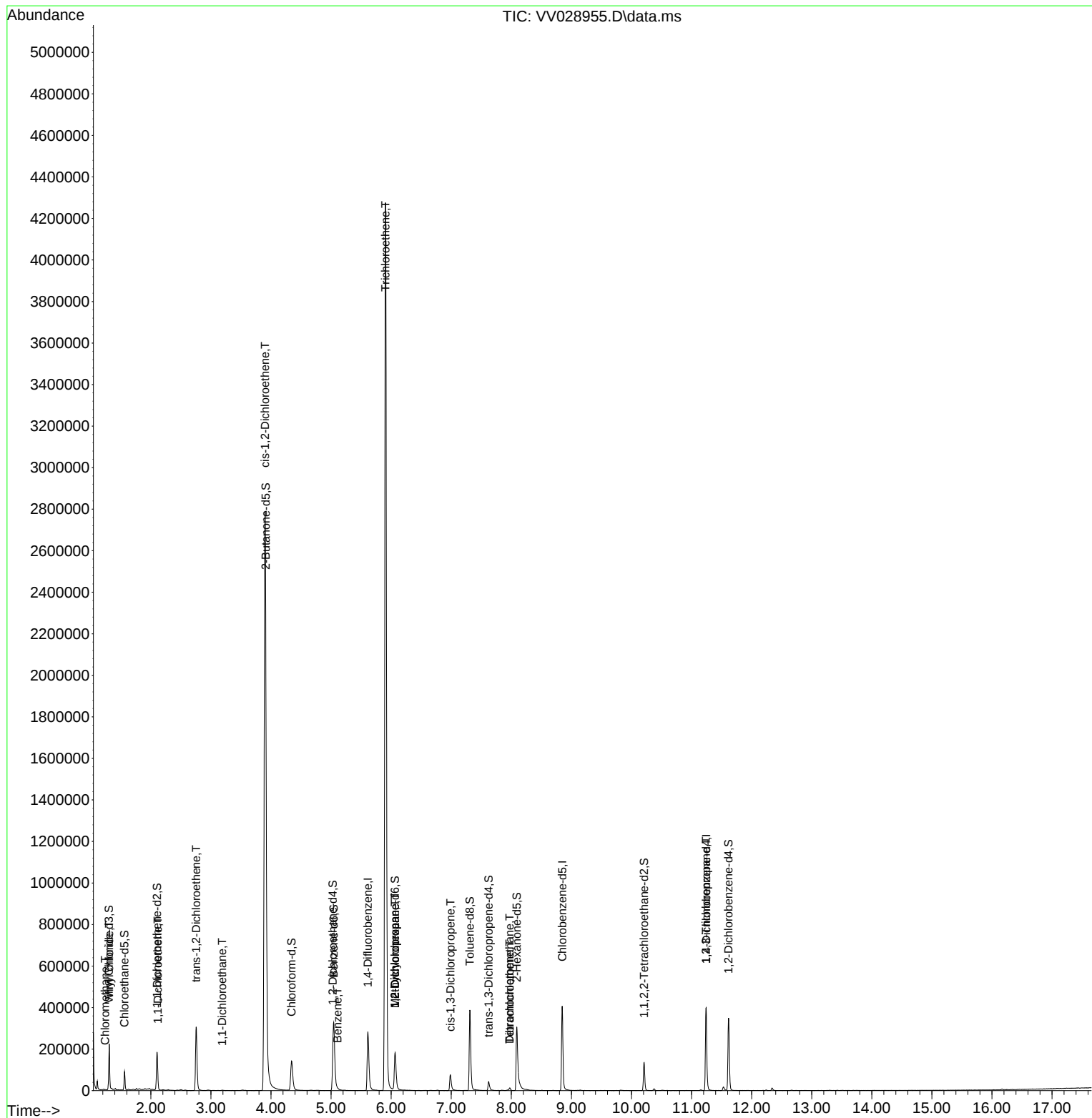
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	267526	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	244897	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	116075	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	52238	3.203	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.000%
7) Chloroethane-d5	1.561	69	56566	3.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.101	63	86296	2.903	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.000%#
20) 2-Butanone-d5	3.912	46	126082	46.181	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.360%
24) Chloroform-d	4.343	84	155165	4.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.027	65	72382	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.043	84	318014	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.066	67	95923	4.699	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.310	98	275063	4.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.622	79	27506	4.132	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.092	63	126846	44.638	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.280%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	67348	4.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.616	152	100130	4.822	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	966	0.052	ug/L	99
5) Vinyl chloride	1.307	62	86859	4.114	ug/L	97
12) 1,1-Dichloroethene	2.114	96	8239	0.509	ug/L #	1
18) trans-1,2-Dichloroethene	2.754	96	124452	6.626	ug/L	96
19) 1,1-Dichloroethane	3.185	63	2146	0.070	ug/L #	83
22) cis-1,2-Dichloroethene	3.902	96	1696912	88.864	ug/L	97
33) Benzene	5.105	78	6061	0.081	ug/L	100
34) Trichloroethene	5.905	95	1501586	78.376	ug/L	99
35) Methylcyclohexane	6.066	83	23769	0.706	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	10019	0.581	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	2026	0.084	ug/L #	66
47) Tetrachloroethene	7.973	164	3297	0.215	ug/L	88
49) Dibromochloromethane	7.973	129	3027	0.222	ug/L #	10
61) 1,2,3-Trichloropropane	11.239	75	12142	1.531	ug/L #	65

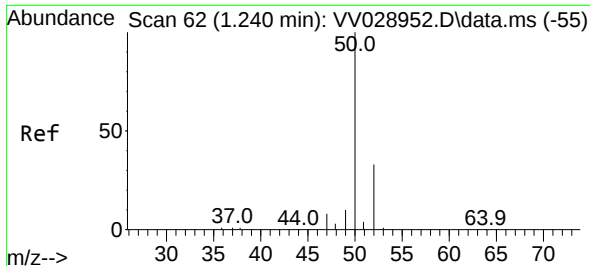
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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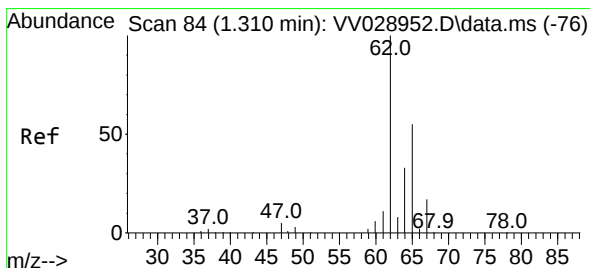
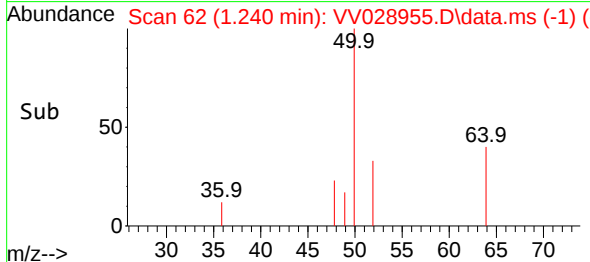
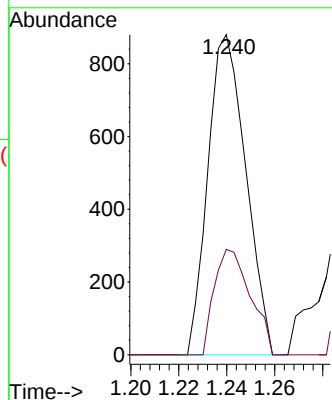
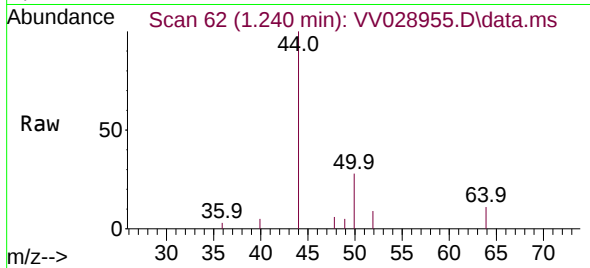




#3
Chloromethane
Concen: 0.052 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028955.D
Acq: 14 Nov 2022 22:30

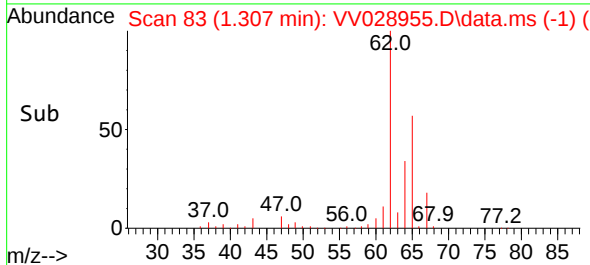
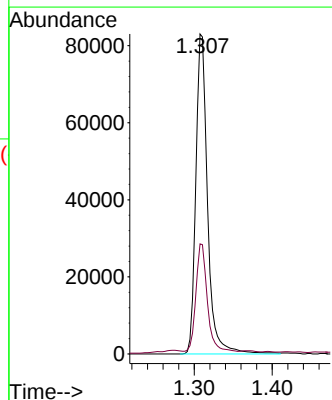
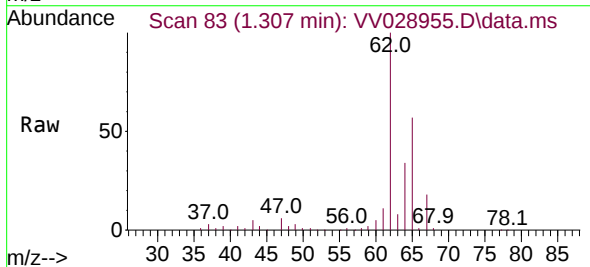
Instrument :
MSVOA_V
ClientSampleId :
H46B8

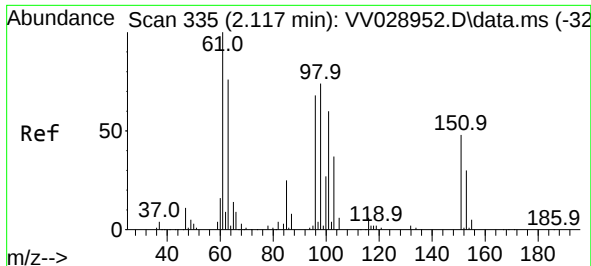
Tgt Ion: 50 Resp: 966
Ion Ratio Lower Upper
50 100
52 33.0 23.7 43.9



#5
Vinyl chloride
Concen: 4.114 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.003 min
Lab File: VV028955.D
Acq: 14 Nov 2022 22:30

Tgt Ion: 62 Resp: 86859
Ion Ratio Lower Upper
62 100
64 34.4 22.8 42.4





#12

1,1-Dichloroethene

Concen: 0.509 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028955.D

Acq: 14 Nov 2022 22:30

Instrument :

MSVOA_V

ClientSampleId :

H46B8

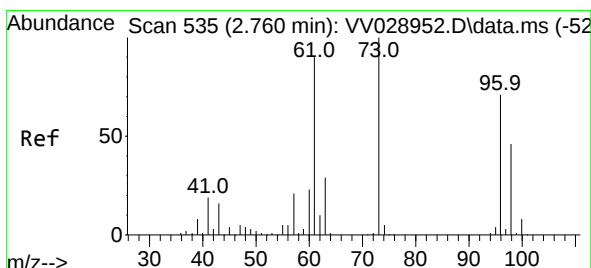
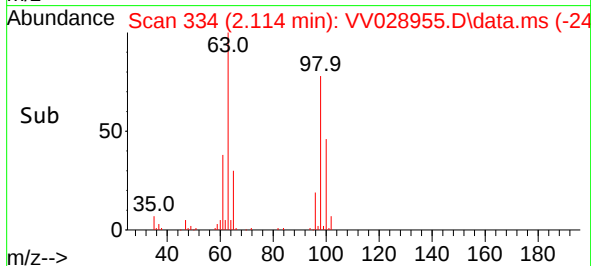
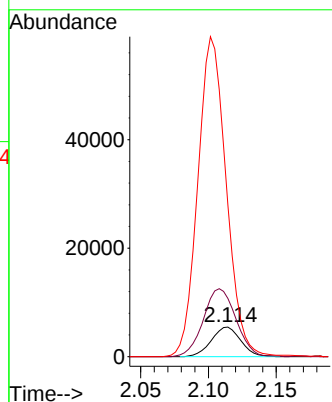
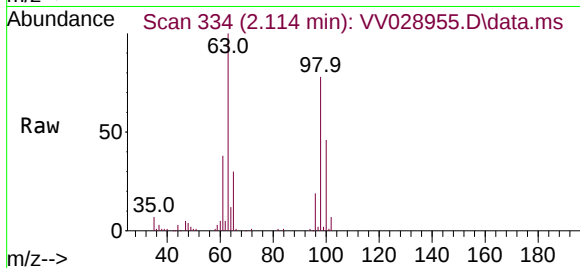
Tgt Ion: 96 Resp: 8239

Ion Ratio Lower Upper

96 100

61 197.0 104.2 193.4#

63 513.4 75.9 140.9#



#18

trans-1,2-Dichloroethene

Concen: 6.626 ug/L

RT: 2.754 min Scan# 533

Delta R.T. -0.006 min

Lab File: VV028955.D

Acq: 14 Nov 2022 22:30

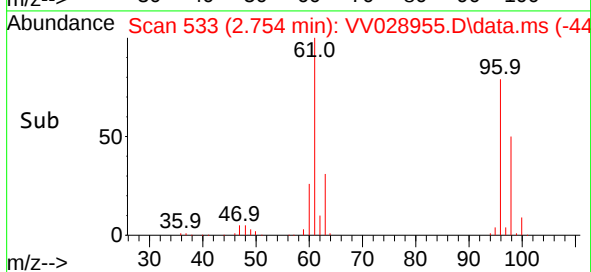
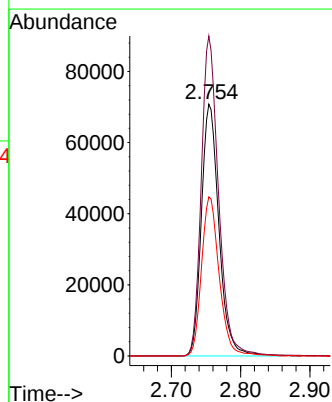
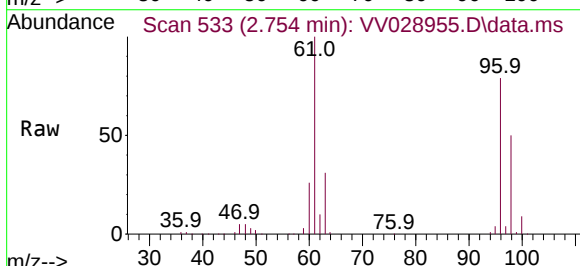
Tgt Ion: 96 Resp: 124452

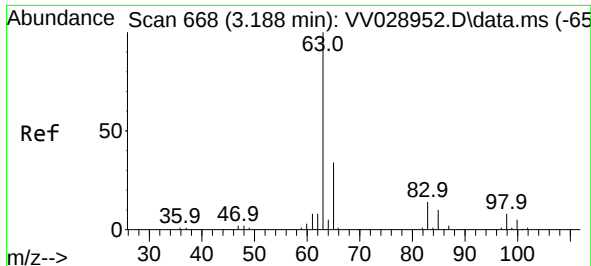
Ion Ratio Lower Upper

96 100

61 127.1 91.8 170.6

98 63.2 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.070 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV028955.D

Acq: 14 Nov 2022 22:30

Instrument :

MSVOA_V

ClientSampleId :

H46B8

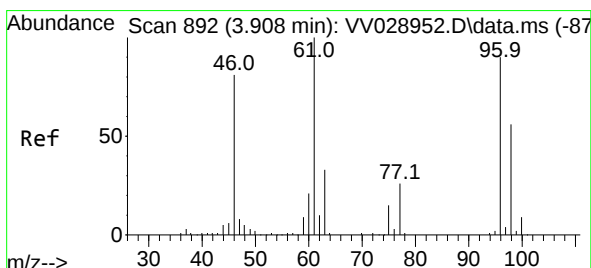
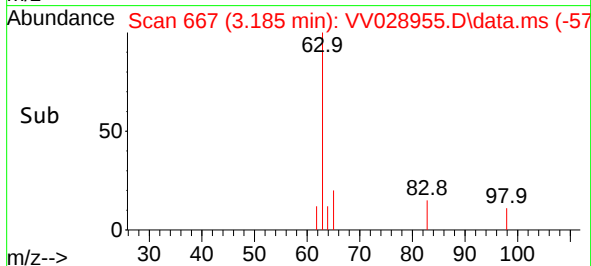
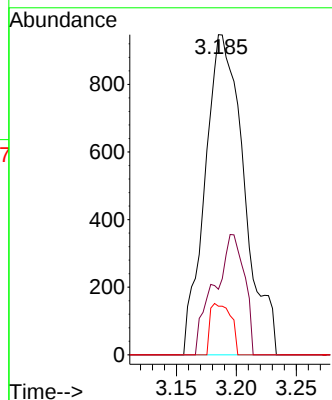
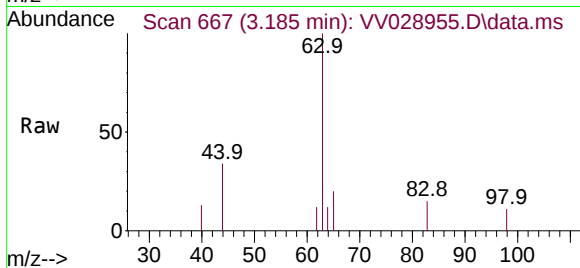
Tgt Ion: 63 Resp: 2146

Ion Ratio Lower Upper

63 100

65 20.5 23.0 42.6#

83 15.2 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 88.864 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.006 min

Lab File: VV028955.D

Acq: 14 Nov 2022 22:30

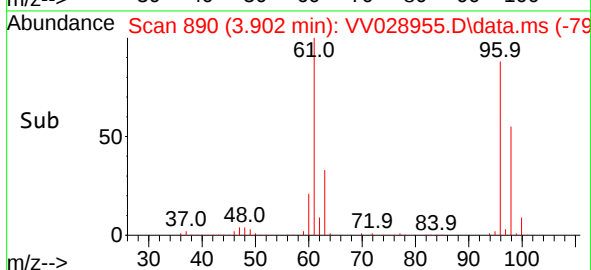
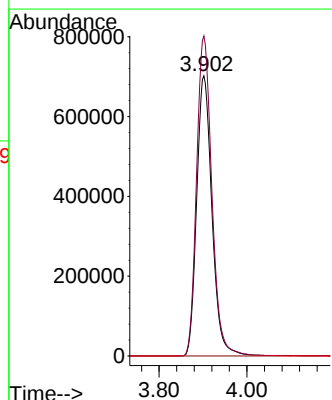
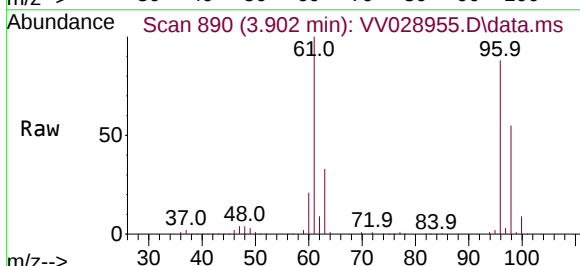
Tgt Ion: 96 Resp: 1696912

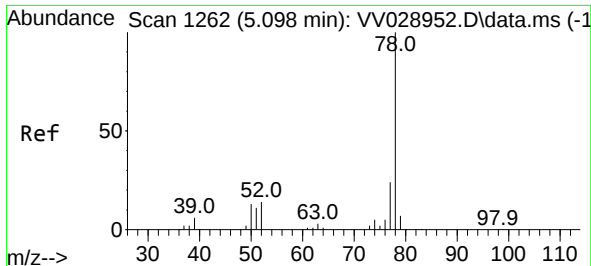
Ion Ratio Lower Upper

96 100

61 114.2 82.3 152.9

68 0.0 0.0 0.0

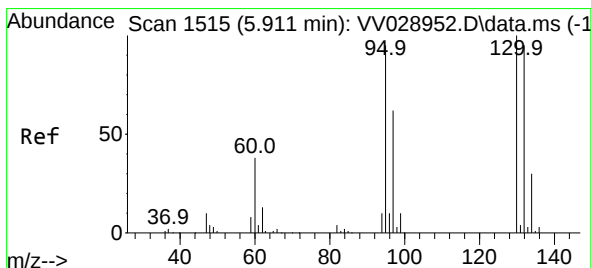
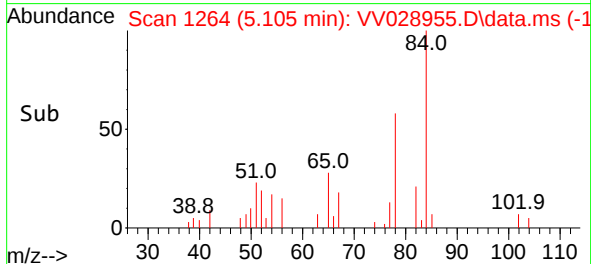
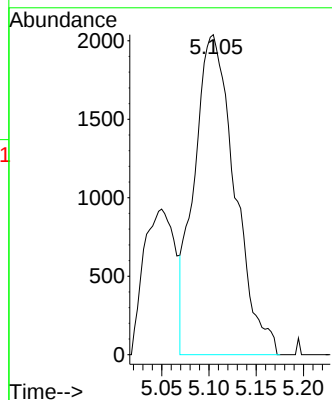
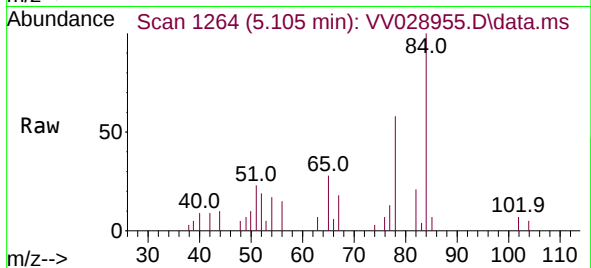




#33
Benzene
Concen: 0.081 ug/L
RT: 5.105 min Scan# 1513
Delta R.T. 0.007 min
Lab File: VV028955.D
Acq: 14 Nov 2022 22:30

Instrument :
MSVOA_V
ClientSampleId :
H46B8

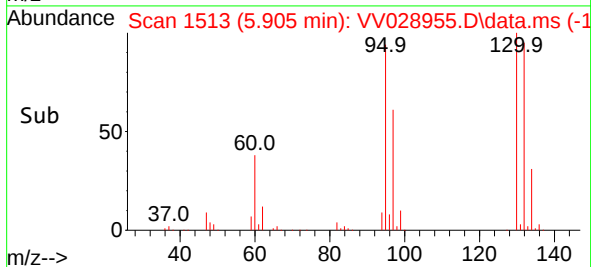
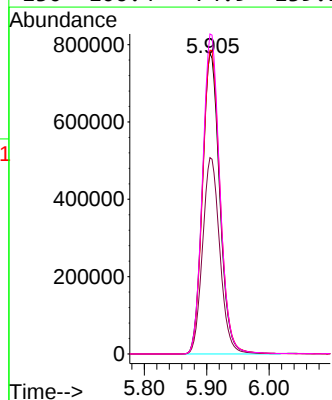
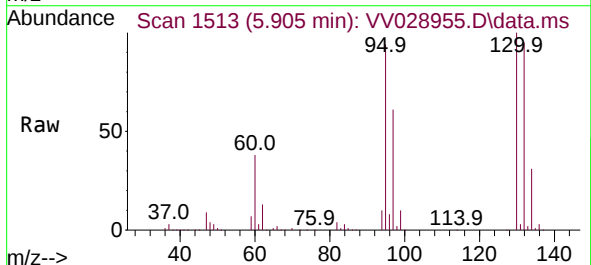
Tgt Ion: 78 Resp: 6061

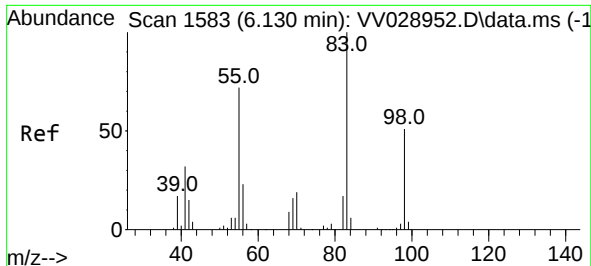


#34
Trichloroethene
Concen: 78.376 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VV028955.D
Acq: 14 Nov 2022 22:30

Tgt Ion: 95 Resp: 1501586

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.6	84.8
132	101.1	69.1	128.3
130	106.4	74.9	139.1

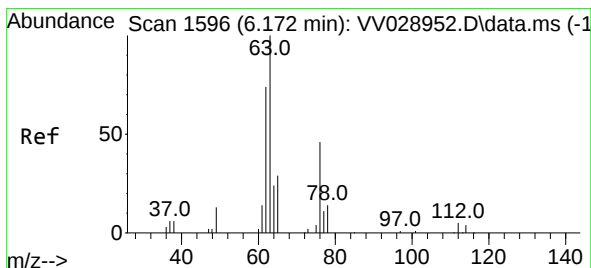
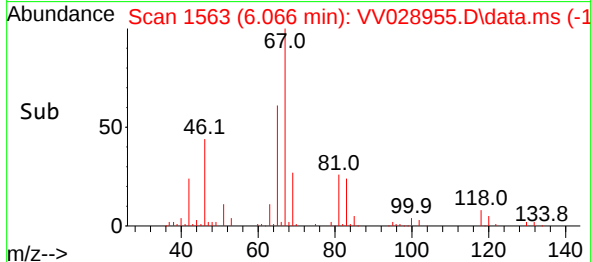
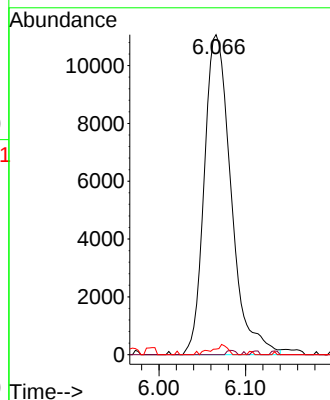
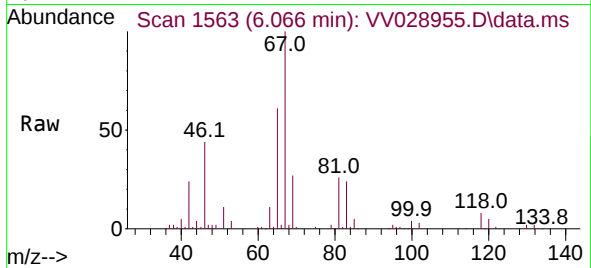




#35
Methylcyclohexane
Concen: 0.706 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV028955.D
Acq: 14 Nov 2022 22:30

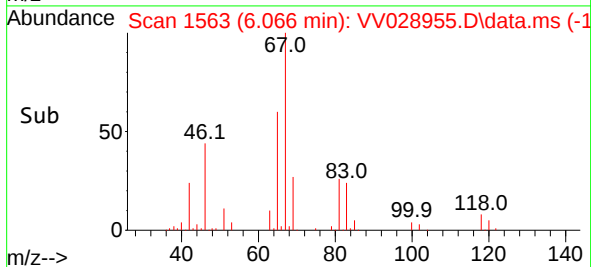
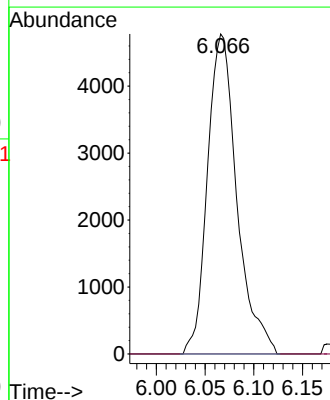
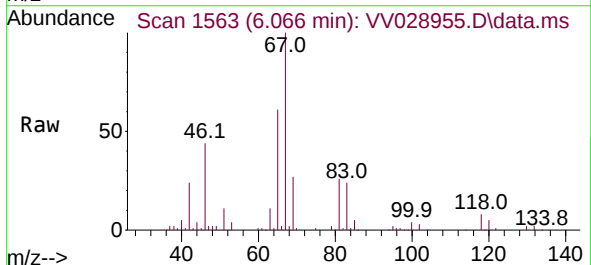
Instrument :
MSVOA_V
ClientSampleId :
H46B8

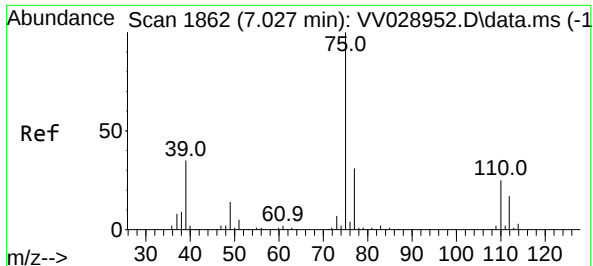
Tgt Ion: 83 Resp: 23769
Ion Ratio Lower Upper
83 100
55 0.4 55.8 83.6#
98 0.0 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.106 min
Lab File: VV028955.D
Acq: 14 Nov 2022 22:30

Tgt Ion: 63 Resp: 10019
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.989 min Scan# 1862

Delta R.T. -0.038 min

Lab File: VV028955.D

Acq: 14 Nov 2022 22:30

Instrument :

MSVOA_V

ClientSampleId :

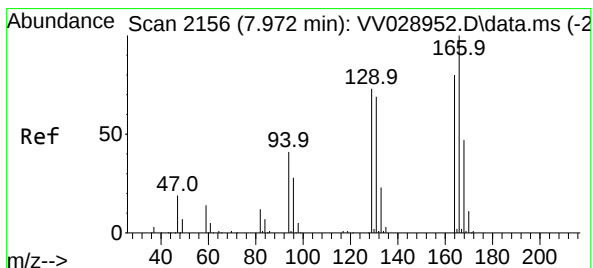
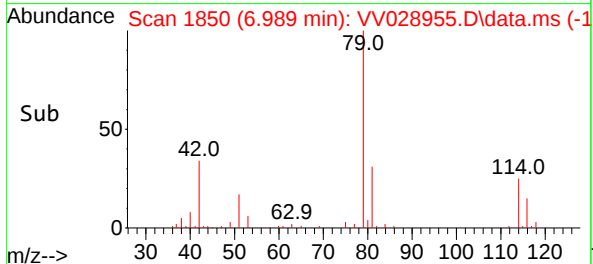
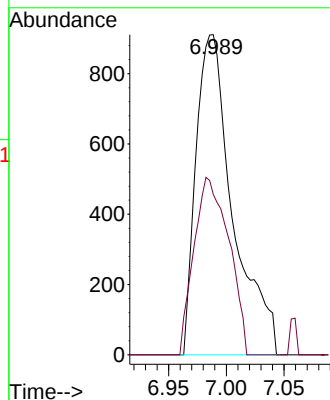
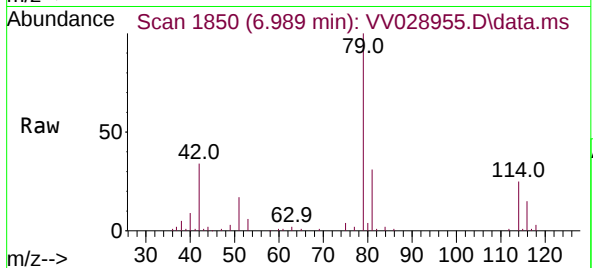
H46B8

Tgt Ion: 75 Resp: 2026

Ion Ratio Lower Upper

75 100

77 50.1 21.8 40.6#



#47

Tetrachloroethene

Concen: 0.215 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV028955.D

Acq: 14 Nov 2022 22:30

Tgt Ion:164 Resp: 3297

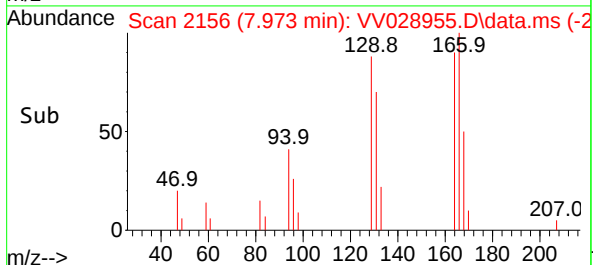
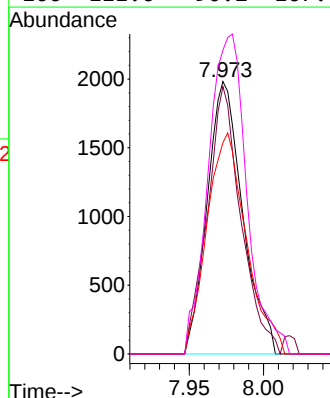
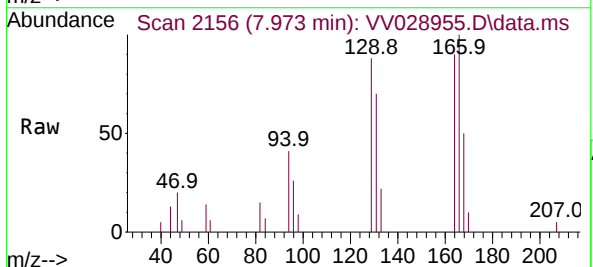
Ion Ratio Lower Upper

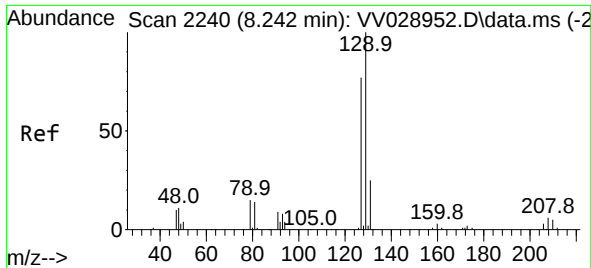
164 100

129 98.1 63.9 118.7

131 77.5 61.8 114.8

166 111.6 90.2 167.4

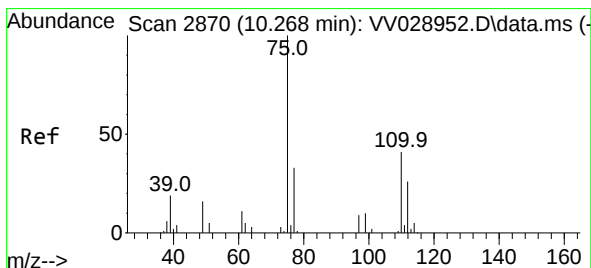
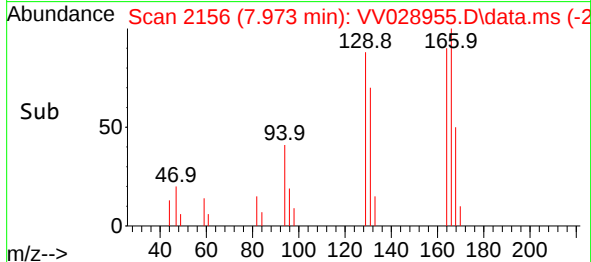
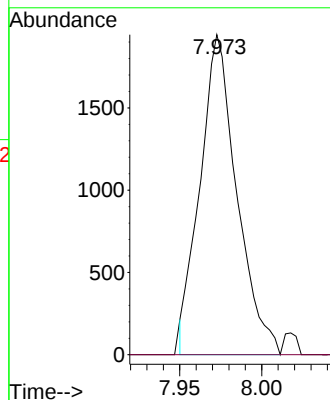
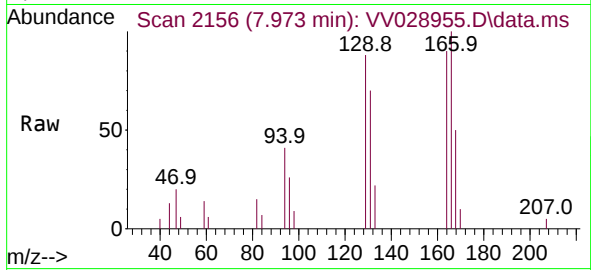




#49
 Dibromochloromethane
 Concen: 0.222 ug/L
 RT: 7.973 min Scan# 2156
 Delta R.T. -0.270 min
 Lab File: VV028955.D
 Acq: 14 Nov 2022 22:30

Instrument :
 MSVOA_V
 ClientSampleId :
 H46B8

Tgt Ion:129 Resp: 3027
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.5 101.1#



#61
 1,2,3-Trichloropropane
 Concen: 1.531 ug/L
 RT: 11.239 min Scan# 3172
 Delta R.T. 0.971 min
 Lab File: VV028955.D
 Acq: 14 Nov 2022 22:30

Tgt Ion: 75 Resp: 12142
 Ion Ratio Lower Upper
 75 100
 77 33.4 26.2 39.2
 110 2.1 32.6 48.8#

