

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091522\
 Data File : VV027862.D
 Acq On : 15 Sep 2022 18:16
 Operator : SY/MD
 Sample : N4652-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ31

Quant Time: Sep 16 01:34:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 16 01:29:01 2022
 Response via : Initial Calibration

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

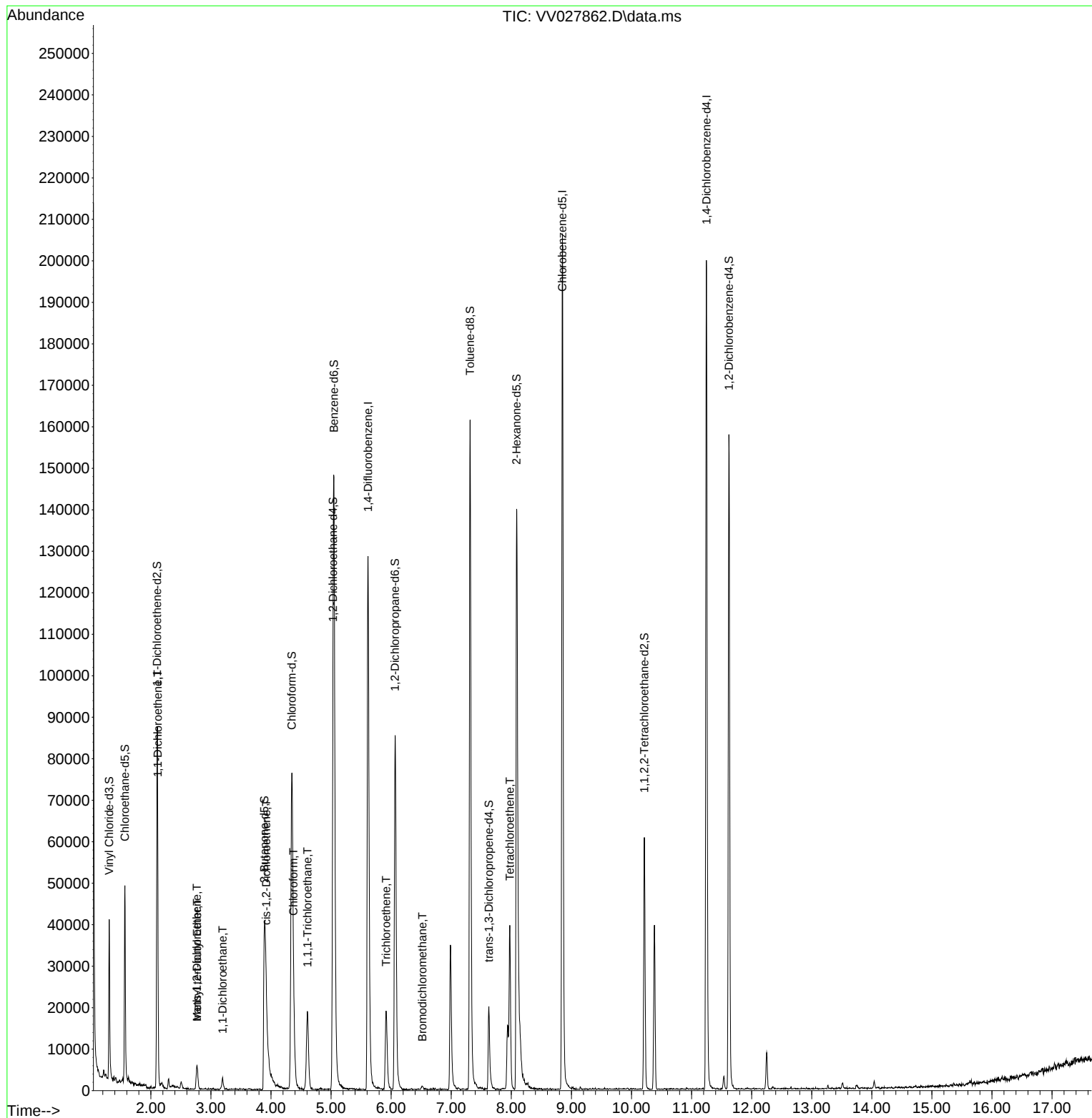
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	120512	5.000	ug/L	# 0.03
28) Chlorobenzene-d5	8.850	117	120309	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57800	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	26554	3.343	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.800%
7) Chloroethane-d5	1.568	69	30415	4.513	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.105	63	44852	2.661	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.200%#
20) 2-Butanone-d5	3.889	46	67271	38.212	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.420%
24) Chloroform-d	4.346	84	78438	4.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.031	65	39362	4.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.047	84	137324	3.934	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.066	67	38505	3.768	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.400%
41) Toluene-d8	7.314	98	112001	3.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	7.625	79	12888	3.759	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.088	63	51634	40.519	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.040%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	27106	4.131	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	44902	4.729	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	1631	0.204	ug/L	# 1
17) Methyl tert-butyl Ether	2.770	73	4625	0.244	ug/L	97
18) trans-1,2-Dichloroethene	2.767	96	549	0.065	ug/L	# 49
19) 1,1-Dichloroethane	3.195	63	2680	0.169	ug/L	# 60
22) cis-1,2-Dichloroethene	3.918	96	5359	0.583	ug/L	# 91
25) Chloroform	4.375	83	14375	0.819	ug/L	92
29) 1,1,1-Trichloroethane	4.606	97	15919	0.860	ug/L	95
34) Trichloroethene	5.915	95	6461	0.650	ug/L	84
38) Bromodichloromethane	6.519	83	1153	0.092	ug/L	# 77
47) Tetrachloroethene	7.976	164	9615	1.205	ug/L	94

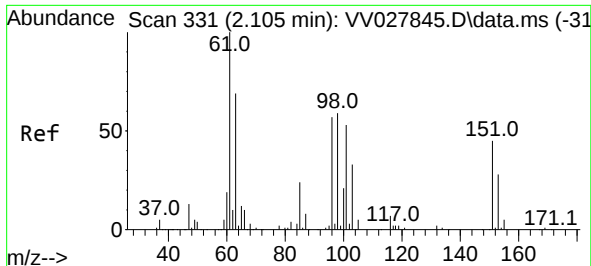
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.204 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV027862.D

Acq: 15 Sep 2022 18:16

Instrument :

MSVOA_V

ClientSampleId :

EXZ31

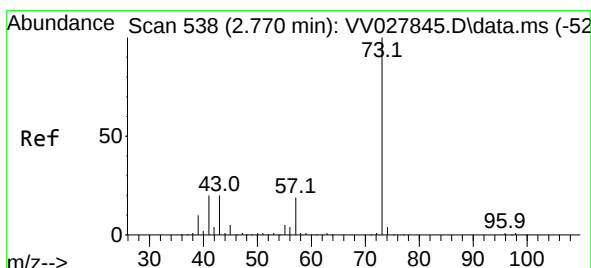
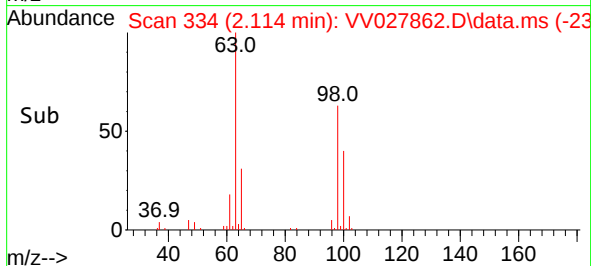
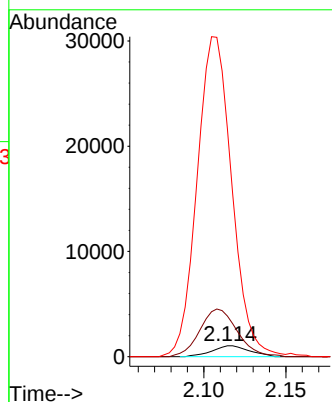
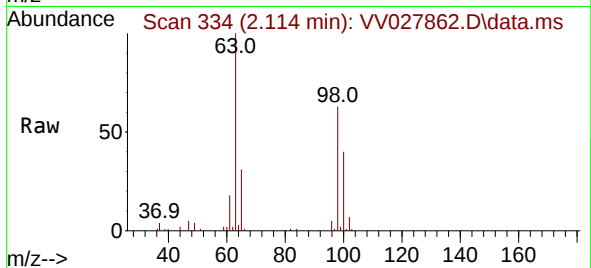
Tgt Ion: 96 Resp: 1631

Ion Ratio Lower Upper

96 100

61 374.2 129.9 241.3#

63 2100.0 94.6 175.8#



#17

Methyl tert-butyl Ether

Concen: 0.244 ug/L

RT: 2.770 min Scan# 538

Delta R.T. 0.000 min

Lab File: VV027862.D

Acq: 15 Sep 2022 18:16

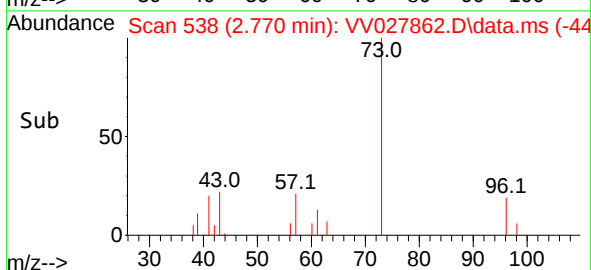
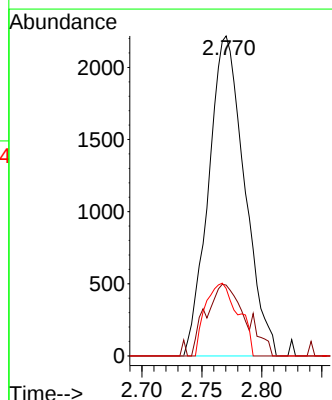
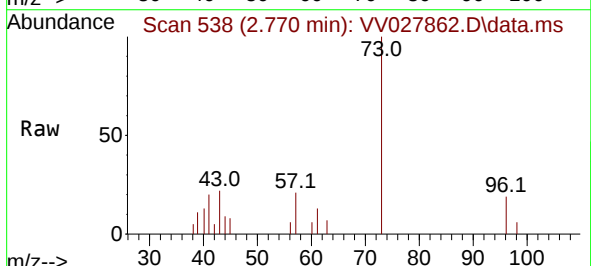
Tgt Ion: 73 Resp: 4625

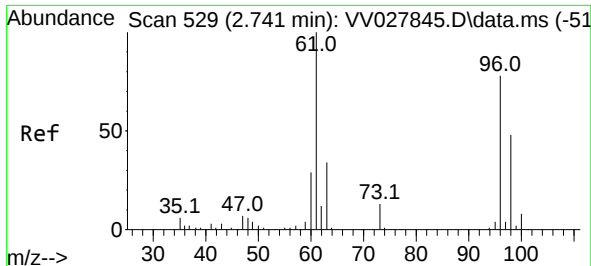
Ion Ratio Lower Upper

73 100

43 24.6 17.5 26.3

57 20.8 16.9 25.3

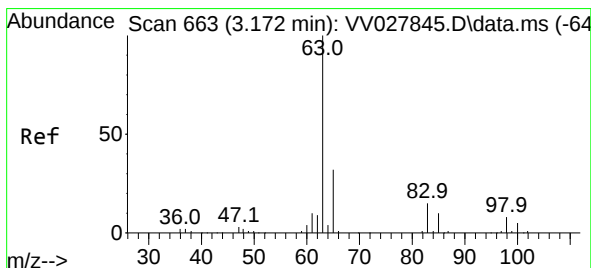
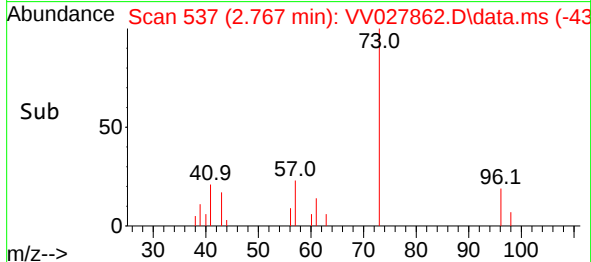
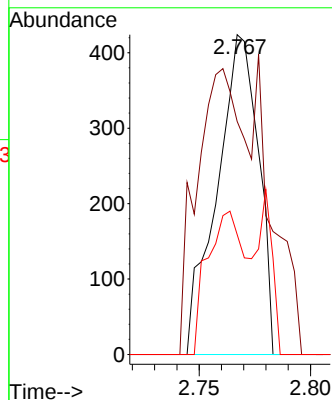
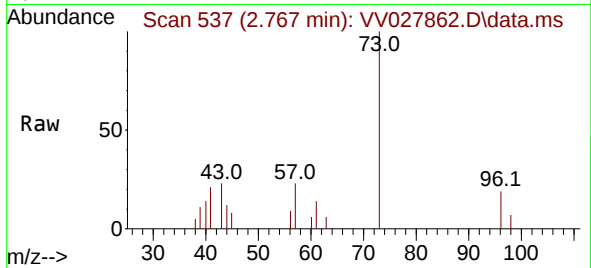




#18
 trans-1,2-Dichloroethene
 Concen: 0.065 ug/L
 RT: 2.767 min Scan# 51
 Delta R.T. 0.026 min
 Lab File: VV027862.D
 Acq: 15 Sep 2022 18:16

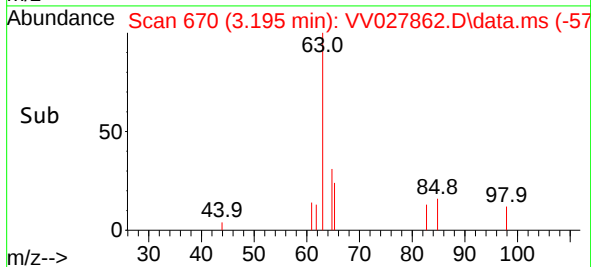
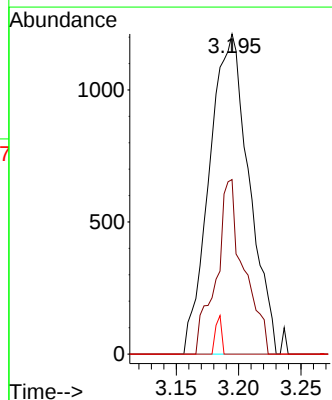
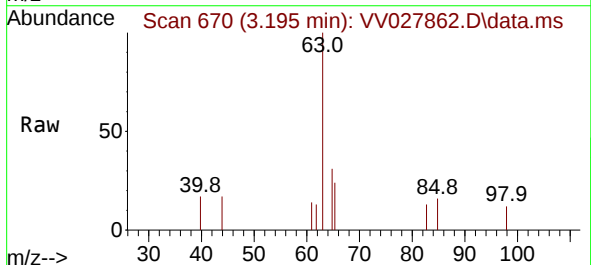
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ31

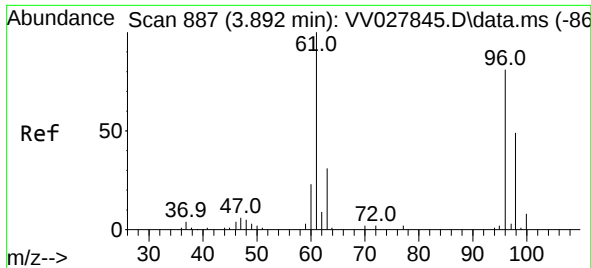
Tgt Ion: 96 Resp: 549
 Ion Ratio Lower Upper
 96 100
 61 72.9 102.6 190.5#
 98 37.5 44.0 81.8#



#19
 1,1-Dichloroethane
 Concen: 0.169 ug/L
 RT: 3.195 min Scan# 670
 Delta R.T. 0.023 min
 Lab File: VV027862.D
 Acq: 15 Sep 2022 18:16

Tgt Ion: 63 Resp: 2680
 Ion Ratio Lower Upper
 63 100
 65 54.5 22.0 41.0#
 83 0.0 10.1 18.9#

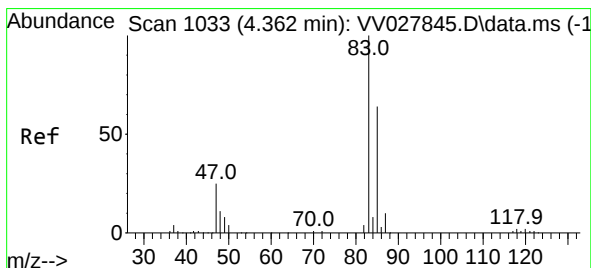
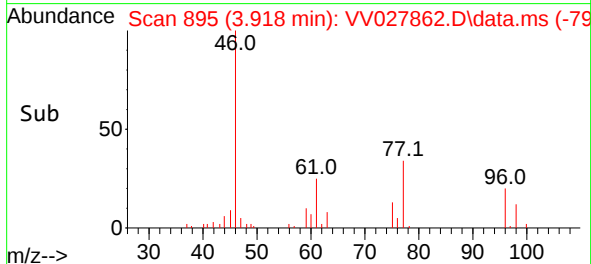
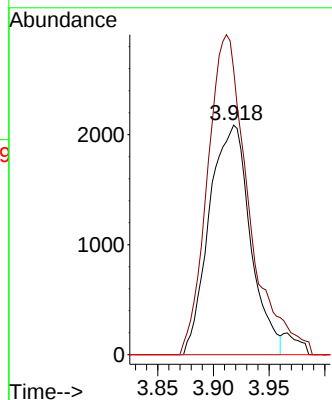
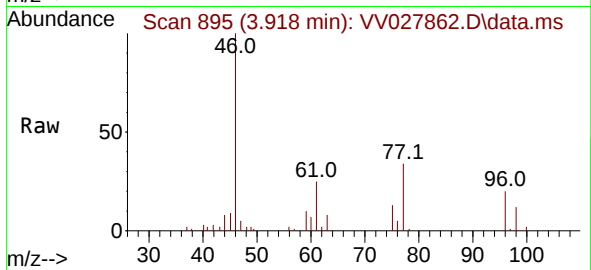




#22
cis-1,2-Dichloroethene
Concen: 0.583 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.026 min
Lab File: VV027862.D
Acq: 15 Sep 2022 18:16

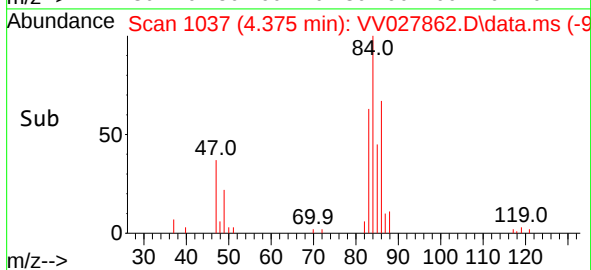
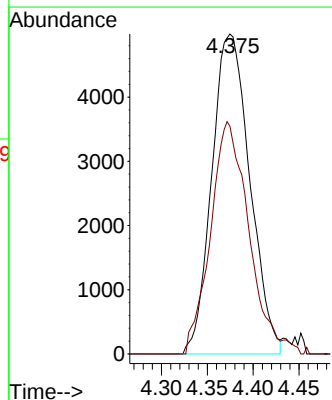
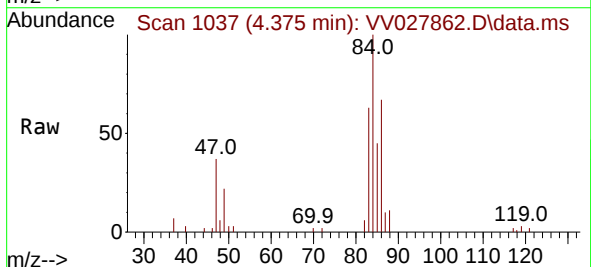
Instrument :
MSVOA_V
ClientSampleId :
EXZ31

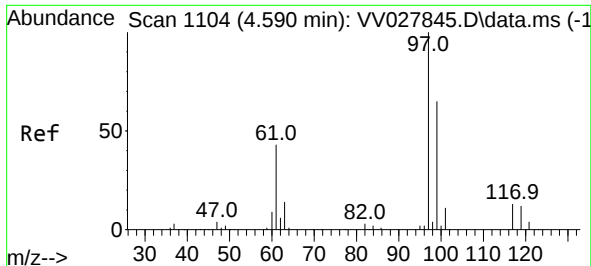
Tgt Ion: 96 Resp: 5359
Ion Ratio Lower Upper
96 100
61 124.2 94.6 175.6
68 0.0 0.3 0.5#



#25
Chloroform
Concen: 0.819 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.013 min
Lab File: VV027862.D
Acq: 15 Sep 2022 18:16

Tgt Ion: 83 Resp: 14375
Ion Ratio Lower Upper
83 100
85 71.1 45.4 84.2





#29

1,1,1-Trichloroethane

Concen: 0.860 ug/L

RT: 4.606 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV027862.D

Acq: 15 Sep 2022 18:16

Instrument :

MSVOA_V

ClientSampleId :

EXZ31

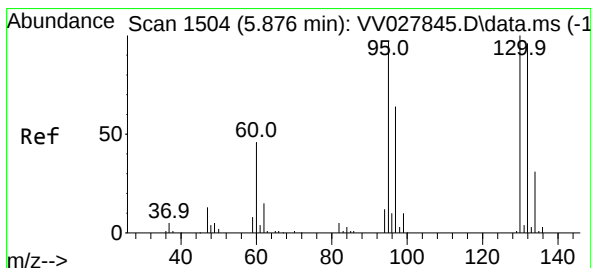
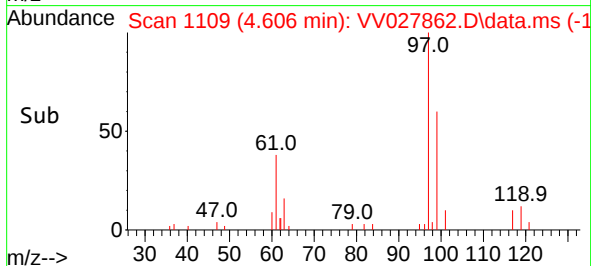
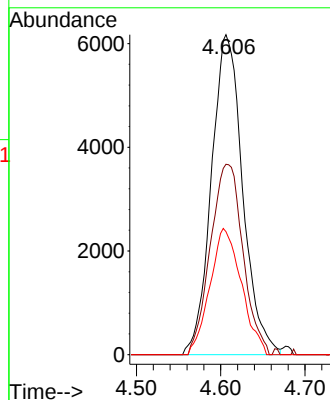
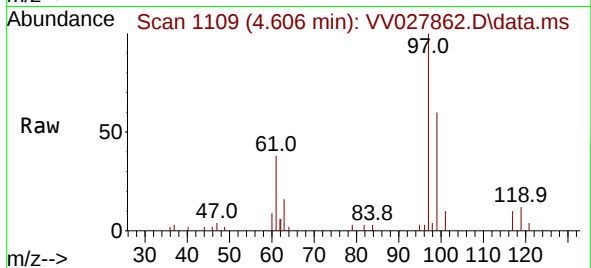
Tgt Ion: 97 Resp: 15919

Ion Ratio Lower Upper

97 100

99 62.0 50.8 76.2

61 39.6 36.2 54.4



#34

Trichloroethene

Concen: 0.650 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.039 min

Lab File: VV027862.D

Acq: 15 Sep 2022 18:16

Tgt Ion: 95 Resp: 6461

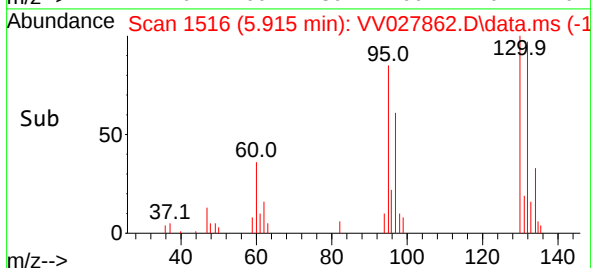
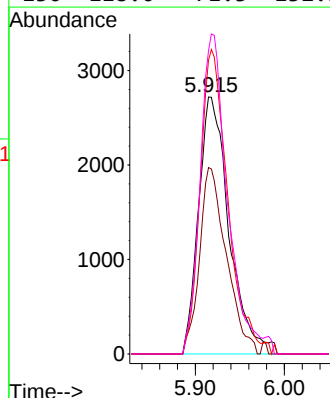
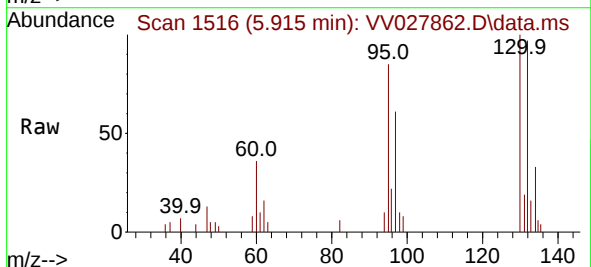
Ion Ratio Lower Upper

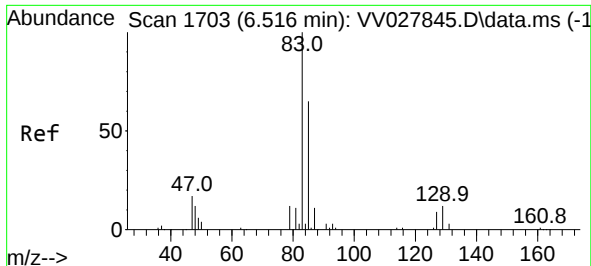
95 100

97 72.6 42.9 79.7

132 114.4 67.9 126.1

130 118.0 71.3 132.3





#38

Bromodichloromethane

Concen: 0.092 ug/L

RT: 6.519 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV027862.D

Acq: 15 Sep 2022 18:16

Instrument :

MSVOA_V

ClientSampleId :

EXZ31

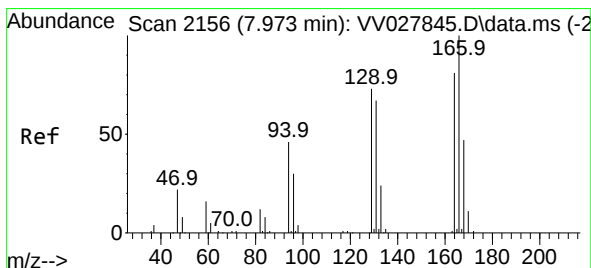
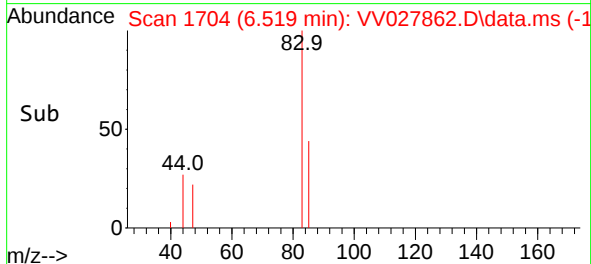
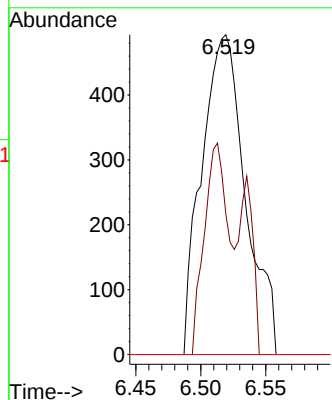
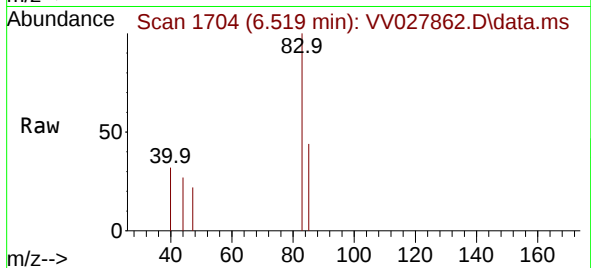
Tgt Ion: 83 Resp: 1153

Ion Ratio Lower Upper

83 100

85 44.0 43.3 80.3

127 0.0 7.1 10.7#



#47

Tetrachloroethene

Concen: 1.205 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027862.D

Acq: 15 Sep 2022 18:16

Tgt Ion: 164 Resp: 9615

Ion Ratio Lower Upper

164 100

129 82.3 67.2 124.8

131 85.3 61.5 114.3

166 126.3 91.1 169.3

