

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025200.D
 Acq On : 26 Mar 2022 16:02
 Operator : SY/MD
 Sample : N2087-04DL 4X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5Z7DL

Quant Time: Mar 28 02:01:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 01:44:37 2022
 Response via : Initial Calibration

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

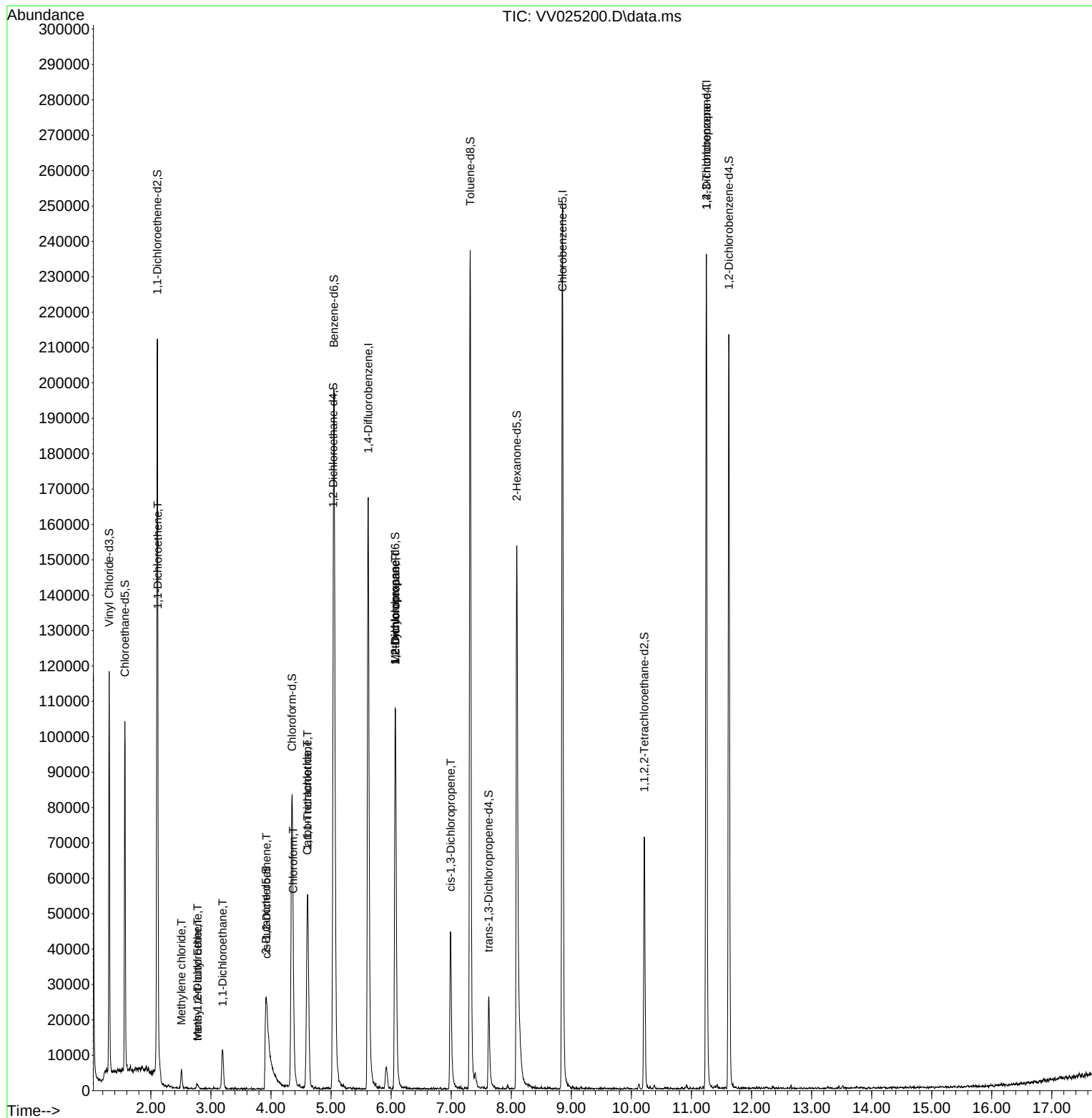
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	148556	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	140914	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61720	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	70519	5.082	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.600%	
7) Chloroethane-d5	1.567	69	62042	5.327	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.600%	
11) 1,1-Dichloroethene-d2	2.108	63	110277	3.669	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.400%	
20) 2-Butanone-d5	3.915	46	18057	13.063	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	26.120%#	
24) Chloroform-d	4.349	84	89753	4.956	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
26) 1,2-Dichloroethane-d4	5.037	65	41616	5.199	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.000%	
32) Benzene-d6	5.050	84	183759	5.155	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.000%	
36) 1,2-Dichloropropane-d6	6.069	67	52251	5.230	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.600%	
41) Toluene-d8	7.316	98	160816	4.918	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.400%	
43) trans-1,3-Dichloroprop...	7.625	79	15607	4.788	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.800%	
46) 2-Hexanone-d5	8.091	63	60664	51.534	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.060%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33538	5.034	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	53413	5.388	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.800%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.117	96	1646	0.110	ug/L #	1
16) Methylene chloride	2.510	84	2451	0.209	ug/L	93
17) Methyl tert-butyl Ether	2.776	73	771	0.041	ug/L #	79
18) trans-1,2-Dichloroethene	2.776	96	458	0.043	ug/L #	44
19) 1,1-Dichloroethane	3.194	63	11585	0.646	ug/L	95
22) cis-1,2-Dichloroethene	3.924	96	2777	0.255	ug/L	92
25) Chloroform	4.371	83	2757	0.139	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	43847	2.573	ug/L	98
31) Carbon tetrachloride	4.606	117	5746	0.390	ug/L	99
35) Methylcyclohexane	6.069	83	13279	0.747	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	5964	0.622	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1385	0.111	ug/L	83
61) 1,2,3-Trichloropropane	11.249	75	8018	1.717	ug/L #	65

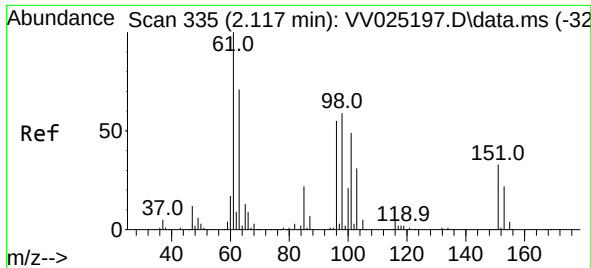
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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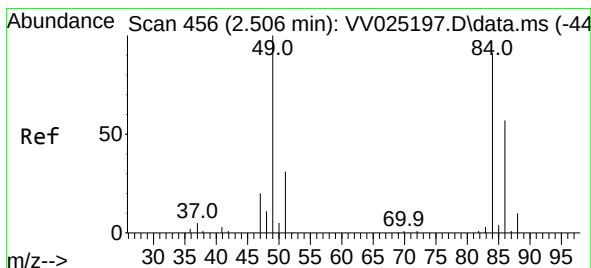
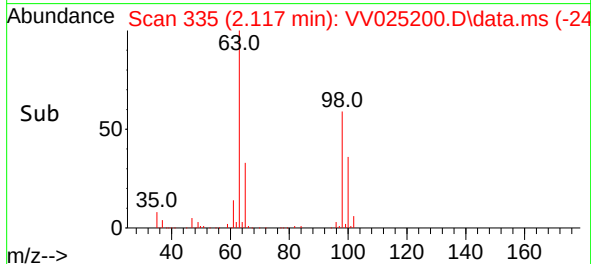
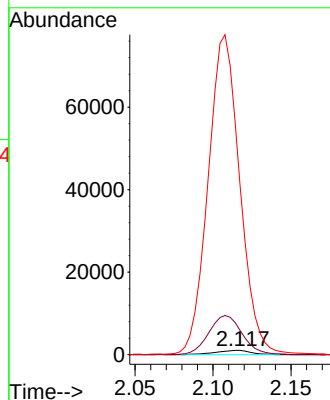
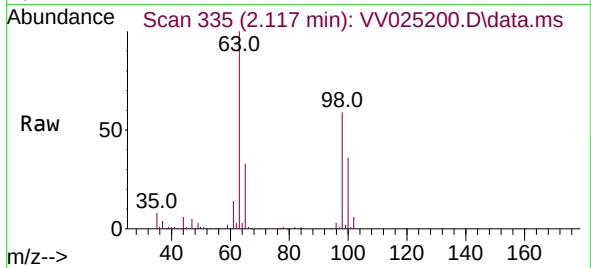




#12
1,1-Dichloroethene
Concen: 0.110 ug/L
RT: 2.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV025200.D
Acq: 26 Mar 2022 16:02

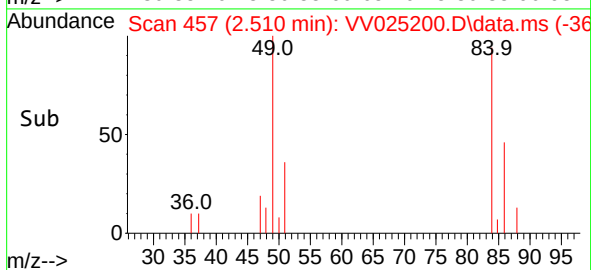
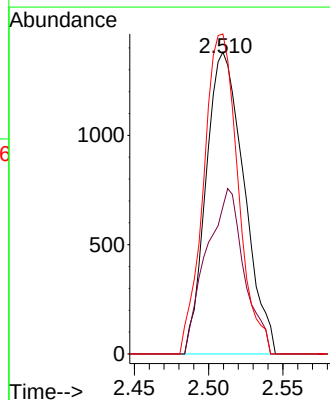
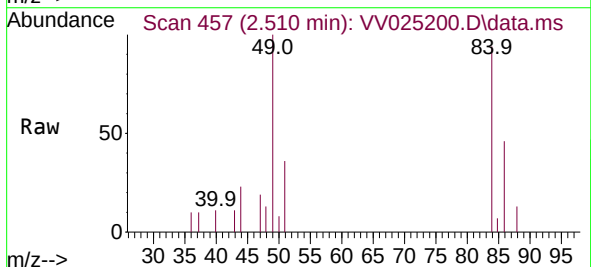
Instrument :
MSVOA_V
ClientSampleId :
EW5Z7DL

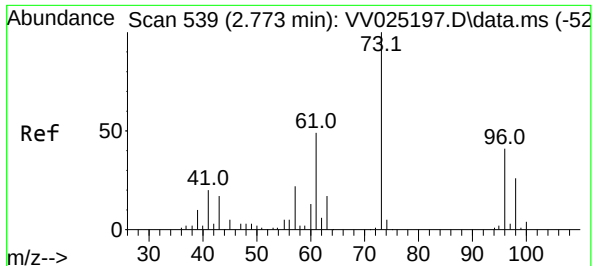
Tgt Ion: 96 Resp: 1646
Ion Ratio Lower Upper
96 100
61 564.9 121.5 225.7#
63 3939.5 77.9 144.7#



#16
Methylene chloride
Concen: 0.209 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025200.D
Acq: 26 Mar 2022 16:02

Tgt Ion: 84 Resp: 2451
Ion Ratio Lower Upper
84 100
86 48.8 43.5 80.7
49 106.0 74.5 138.3





#17

Methyl tert-butyl Ether

Concen: 0.041 ug/L

RT: 2.776 min Scan# 540

Delta R.T. 0.003 min

Lab File: VV025200.D

Acq: 26 Mar 2022 16:02

Instrument :

MSVOA_V

ClientSampleId :

EW5Z7DL

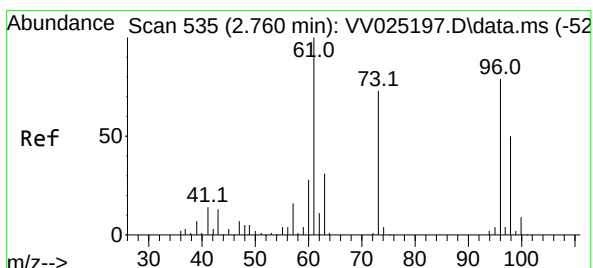
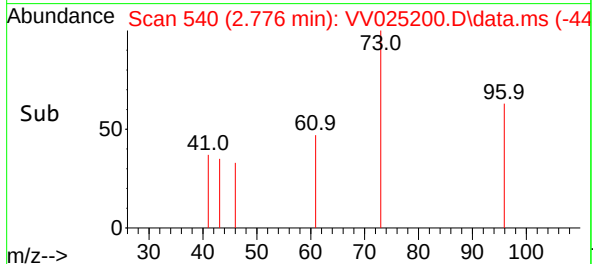
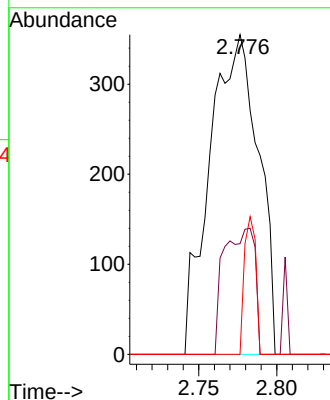
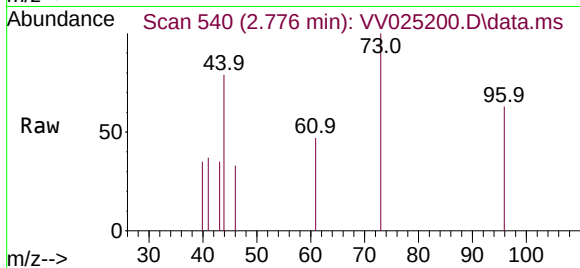
Tgt Ion: 73 Resp: 771

Ion Ratio Lower Upper

73 100

43 24.9 13.5 20.3#

57 10.1 16.4 24.6#



#18

trans-1,2-Dichloroethene

Concen: 0.043 ug/L

RT: 2.776 min Scan# 540

Delta R.T. 0.016 min

Lab File: VV025200.D

Acq: 26 Mar 2022 16:02

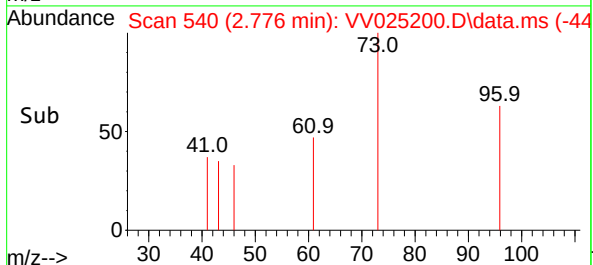
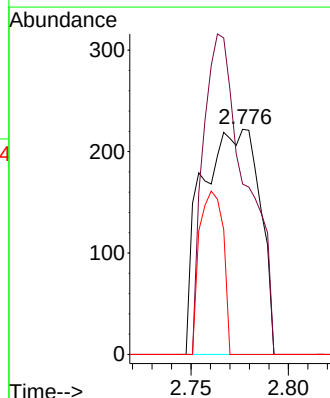
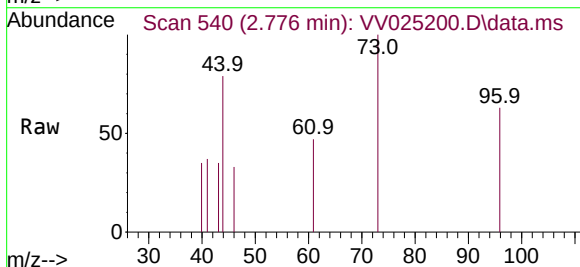
Tgt Ion: 96 Resp: 458

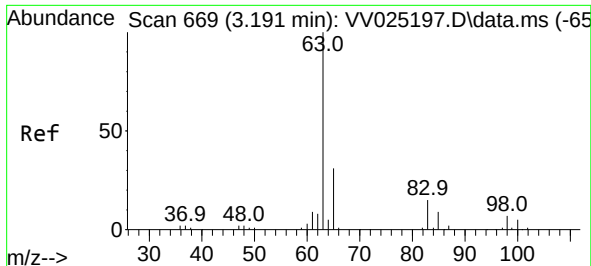
Ion Ratio Lower Upper

96 100

61 75.7 87.6 162.8#

98 0.0 44.0 81.8#





#19

1,1-Dichloroethane

Concen: 0.646 ug/L

RT: 3.194 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV025200.D

Acq: 26 Mar 2022 16:02

Instrument :

MSVOA_V

ClientSampleId :

EW5Z7DL

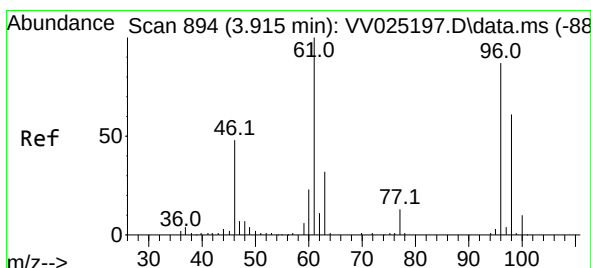
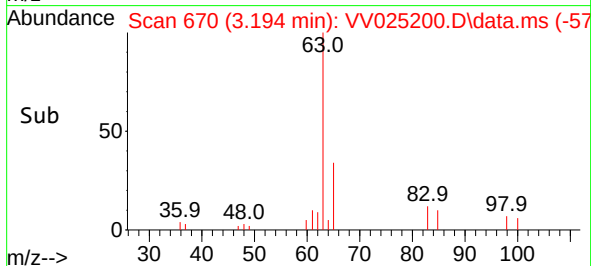
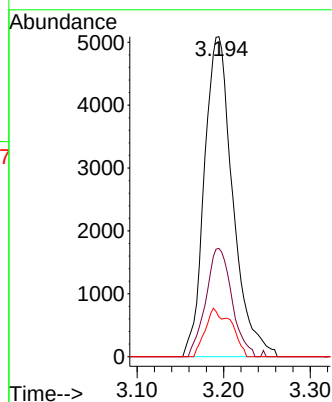
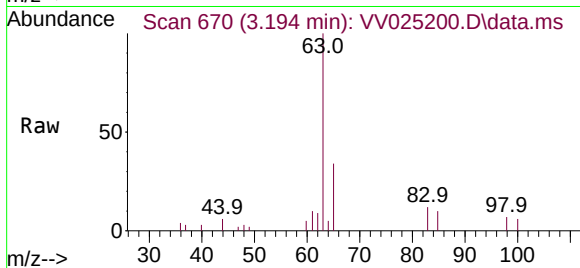
Tgt Ion: 63 Resp: 11585

Ion Ratio Lower Upper

63 100

65 33.9 22.0 40.8

83 12.4 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 0.255 ug/L

RT: 3.924 min Scan# 897

Delta R.T. 0.010 min

Lab File: VV025200.D

Acq: 26 Mar 2022 16:02

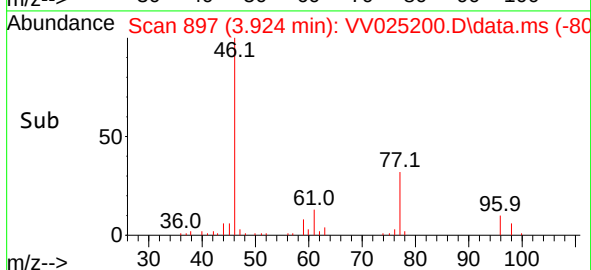
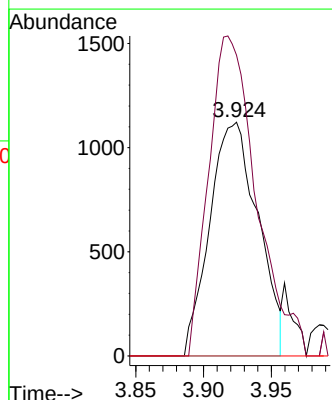
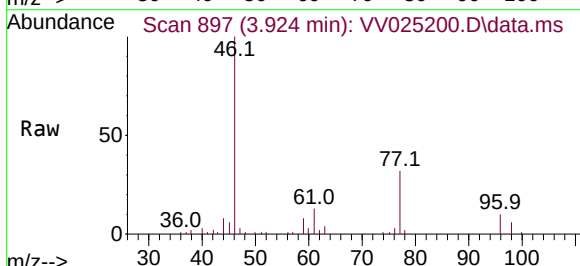
Tgt Ion: 96 Resp: 2777

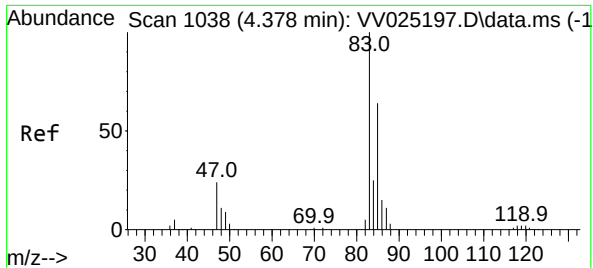
Ion Ratio Lower Upper

96 100

61 128.7 84.1 156.1

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.139 ug/L

RT: 4.371 min Scan# 11036

Delta R.T. -0.007 min

Lab File: VV025200.D

Acq: 26 Mar 2022 16:02

Instrument :

MSVOA_V

ClientSampleId :

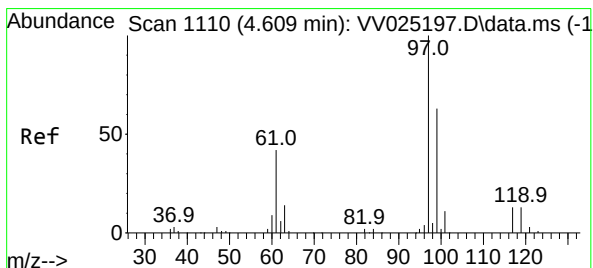
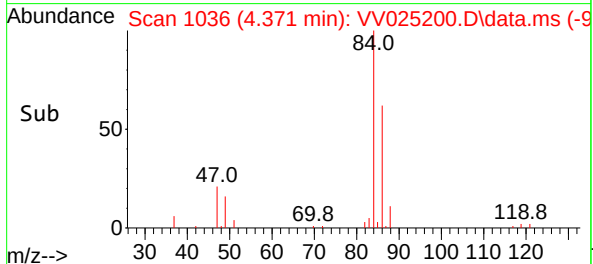
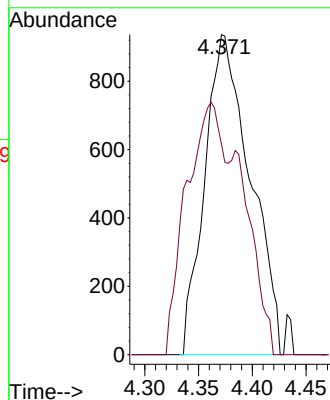
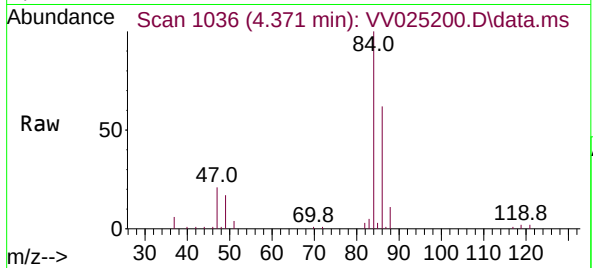
EW5Z7DL

Tgt Ion: 83 Resp: 2757

Ion Ratio Lower Upper

83 100

85 65.8 44.7 82.9



#29

1,1,1-Trichloroethane

Concen: 2.573 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV025200.D

Acq: 26 Mar 2022 16:02

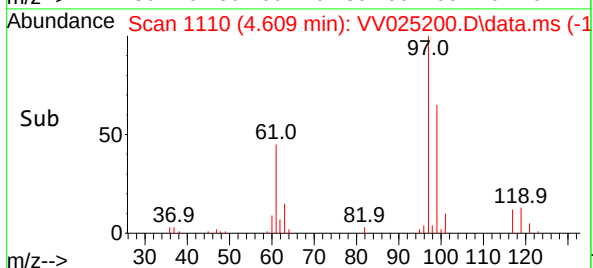
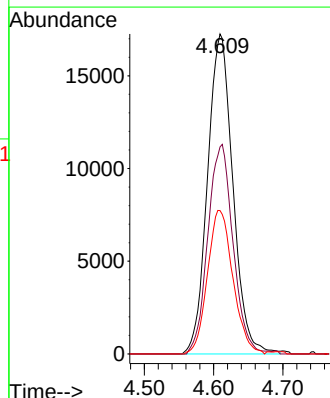
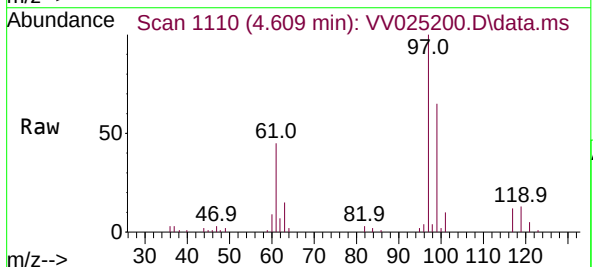
Tgt Ion: 97 Resp: 43847

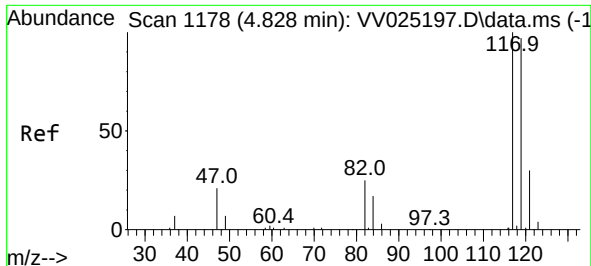
Ion Ratio Lower Upper

97 100

99 65.1 51.9 77.9

61 45.1 34.2 51.2

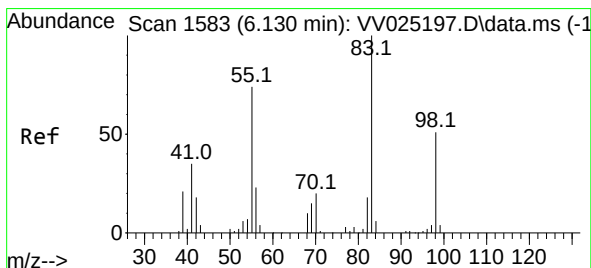
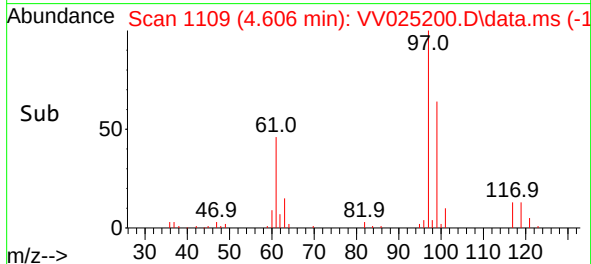
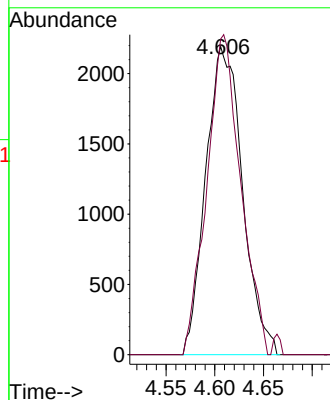
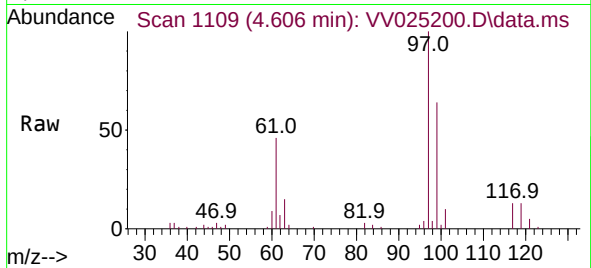




#31
Carbon tetrachloride
Concen: 0.390 ug/L
RT: 4.606 min Scan# 1178
Delta R.T. -0.222 min
Lab File: VV025200.D
Acq: 26 Mar 2022 16:02

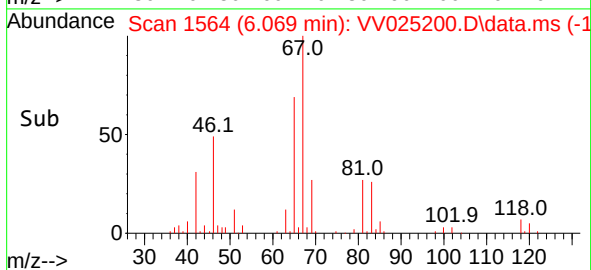
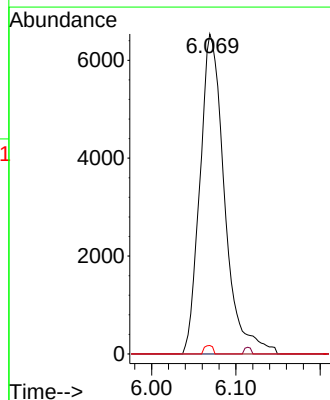
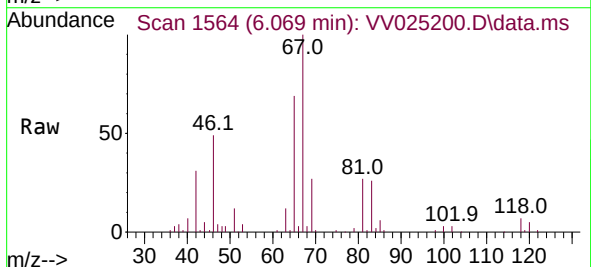
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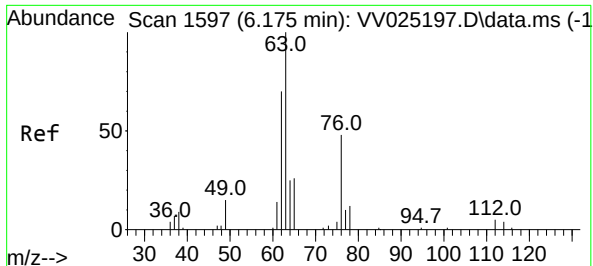
Tgt Ion:117 Resp: 5746
Ion Ratio Lower Upper
117 100
119 95.7 77.8 116.6



#35
Methylcyclohexane
Concen: 0.747 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV025200.D
Acq: 26 Mar 2022 16:02

Tgt Ion: 83 Resp: 13279
Ion Ratio Lower Upper
83 100
55 0.5 54.6 81.8#
98 0.9 39.8 59.6#





#37

1,2-Dichloropropane

Concen: 0.622 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV025200.D

Acq: 26 Mar 2022 16:02

Instrument :

MSVOA_V

ClientSampleId :

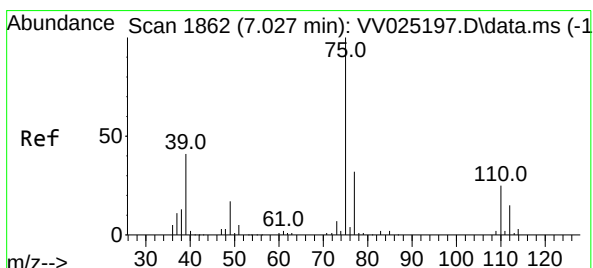
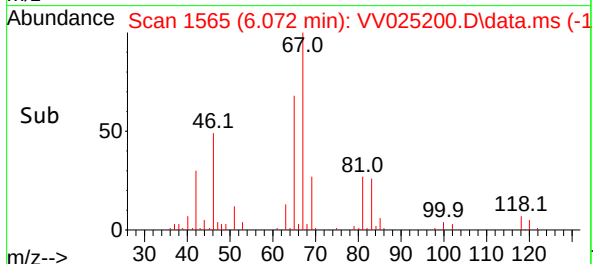
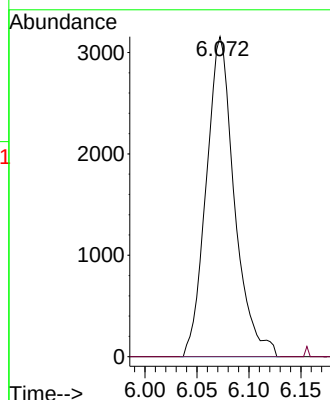
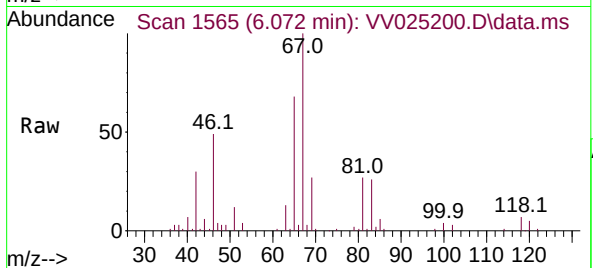
EW5Z7DL

Tgt Ion: 63 Resp: 5964

Ion Ratio Lower Upper

63 100

112 0.3 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV025200.D

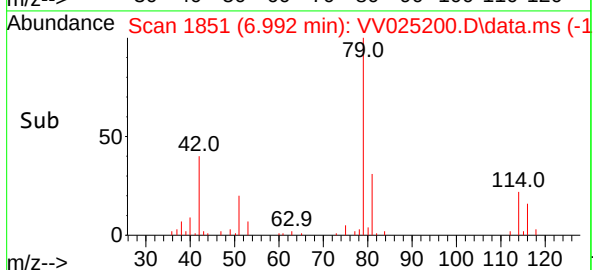
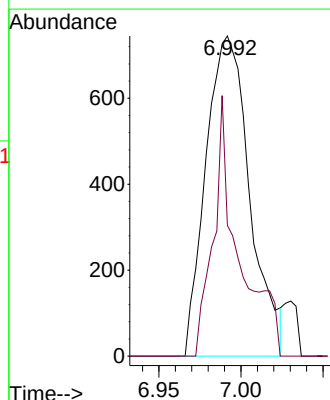
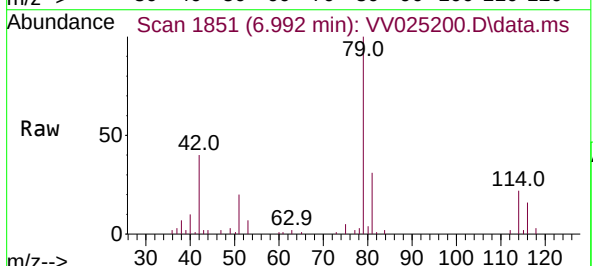
Acq: 26 Mar 2022 16:02

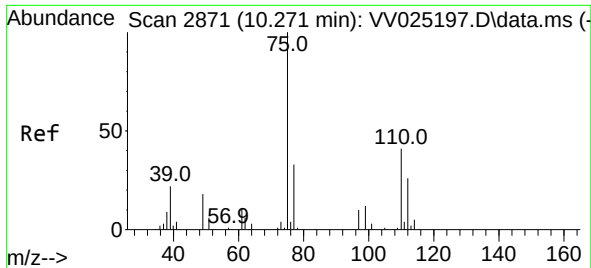
Tgt Ion: 75 Resp: 1385

Ion Ratio Lower Upper

75 100

77 40.8 22.1 41.1





#61
 1,2,3-Trichloropropane
 Concen: 1.717 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV025200.D
 Acq: 26 Mar 2022 16:02

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5Z7DL

Tgt Ion: 75 Resp: 8018
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.8 38.6
 110 1.3 31.6 47.4#

