

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025202.D
 Acq On : 26 Mar 2022 16:49
 Operator : SY/MD
 Sample : N2083-07DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW607DL

Quant Time: Mar 28 02:02:05 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	154545	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	145496	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	62833	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	70202	4.863	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.568	69	61731	5.095	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.108	63	110190	3.524	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	3.918	46	63608	44.234	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.460%
24) Chloroform-d	4.349	84	89495	4.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.034	65	41731	5.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.050	84	186113	5.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.072	67	53111	5.148	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.317	98	163150	4.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	7.625	79	15737	4.676	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.092	63	59087	48.614	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.220%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32483	4.722	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	54587	5.409	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.311	62	2392	0.118	ug/L #	49
8) Chloroethane	1.584	64	52435	4.109	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	554	0.050	ug/L #	75
19) 1,1-Dichloroethane	3.195	63	38392	2.059	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	2046	0.180	ug/L	95
25) Chloroform	4.381	83	2658	0.128	ug/L	96
29) 1,1,1-Trichloroethane	4.606	97	19799	1.125	ug/L	99
31) Carbon tetrachloride	4.606	117	2405	0.158	ug/L	89
34) Trichloroethene	5.918	95	7210	0.615	ug/L	96
35) Methylcyclohexane	6.069	83	14103	0.768	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	6519	0.659	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1374	0.107	ug/L #	67
44) trans-1,3-Dichloropropene	7.625	75	826	0.082	ug/L	85
47) Tetrachloroethene	7.979	164	3244	0.375	ug/L	89
49) Dibromochloromethane	7.976	129	3017	0.414	ug/L #	11
52) Ethylbenzene	9.021	91	2075	0.043	ug/L	86
60) Isopropylbenzene	9.934	105	6691	0.161	ug/L	95
61) 1,2,3-Trichloropropane	11.246	75	8411	1.769	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.545	105	810	0.043	ug/L	97

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Mar 28 01:44:37 2022
Response via : Initial Calibration

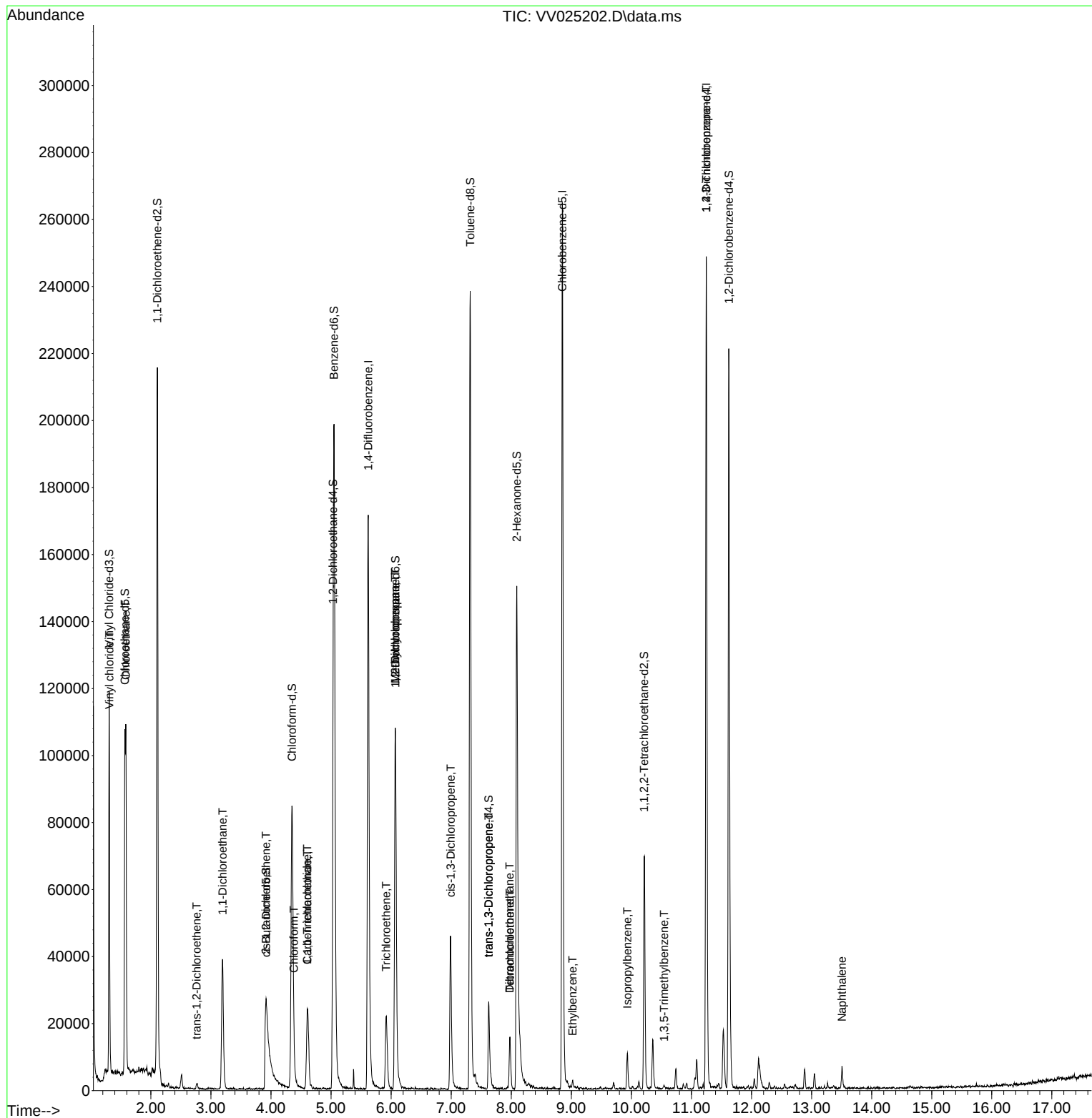
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
71) Naphthalene	13.506	128	4831	0.292 ug/L	98

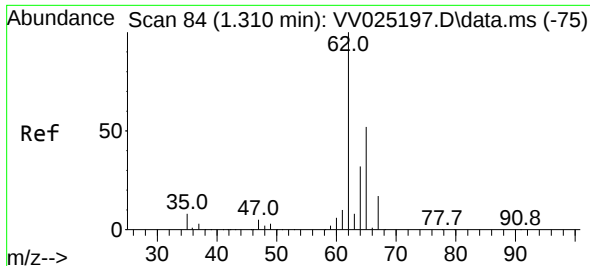
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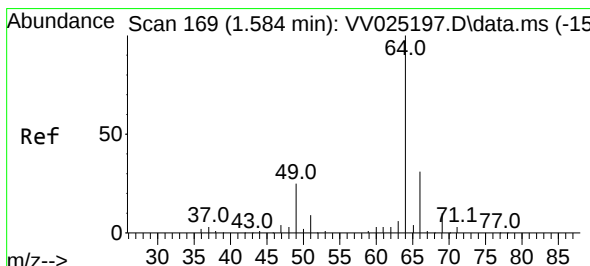
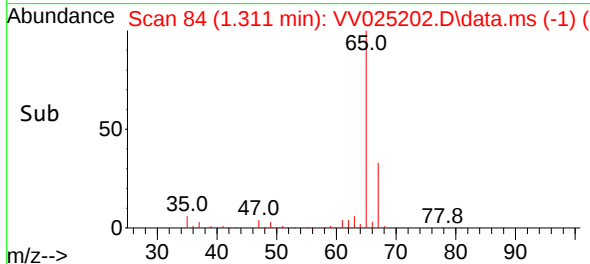
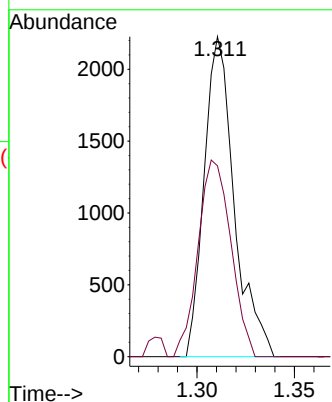
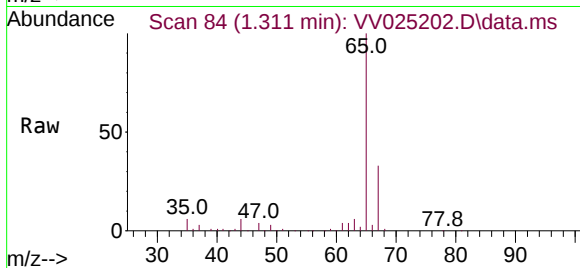




#5
 Vinyl chloride
 Concen: 0.118 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV025202.D
 Acq: 26 Mar 2022 16:49

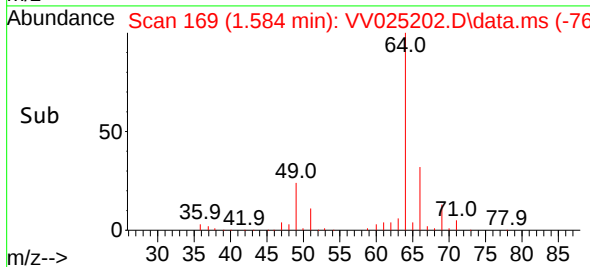
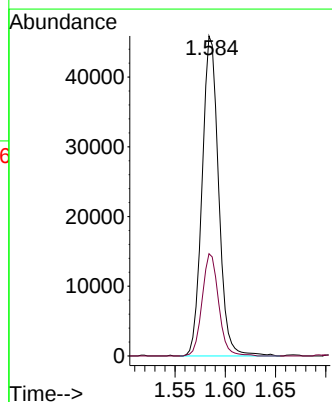
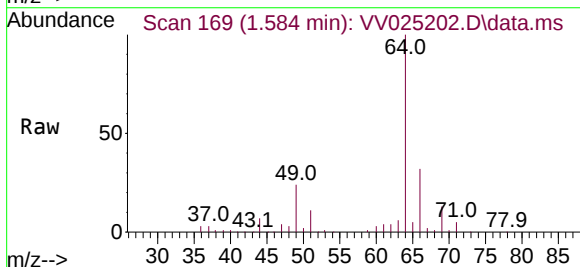
Instrument :
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 ClientSampleId :
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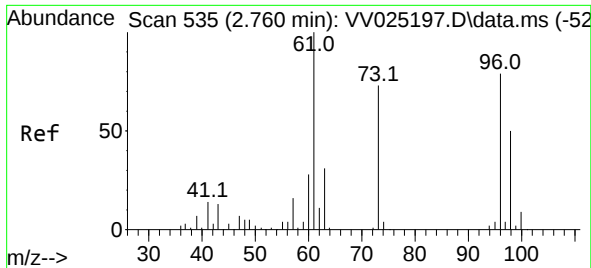
Tgt Ion: 62 Resp: 2392
 Ion Ratio Lower Upper
 62 100
 64 59.6 22.0 40.8#



#8
 Chloroethane
 Concen: 4.109 ug/L
 RT: 1.584 min Scan# 169
 Delta R.T. 0.000 min
 Lab File: VV025202.D
 Acq: 26 Mar 2022 16:49

Tgt Ion: 64 Resp: 52435
 Ion Ratio Lower Upper
 64 100
 66 32.0 23.5 43.7

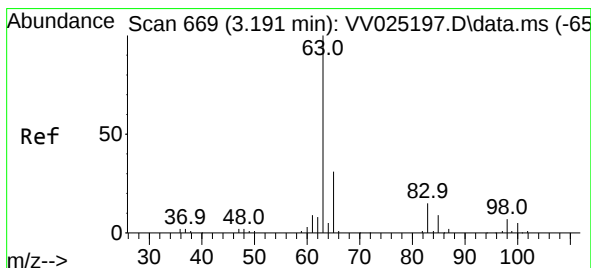
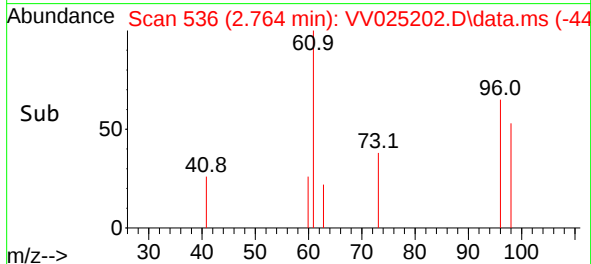
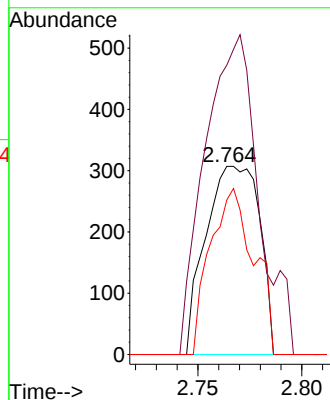
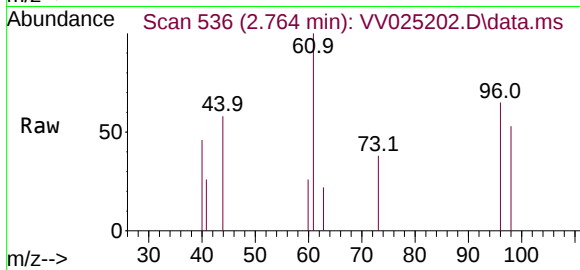




#18
trans-1,2-Dichloroethene
Concen: 0.050 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025202.D
Acq: 26 Mar 2022 16:49

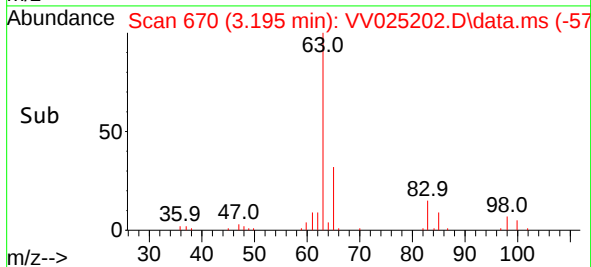
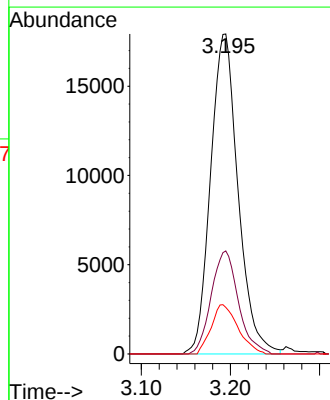
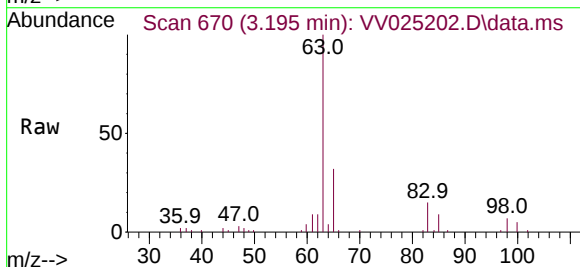
Instrument :
MSVOA_V
ClientSampleId :
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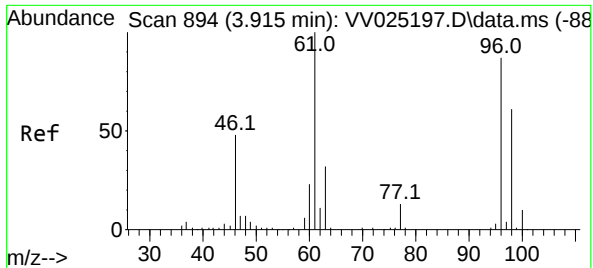
Tgt Ion: 96 Resp: 554
Ion Ratio Lower Upper
96 100
61 153.7 87.6 162.8
98 82.1 44.0 81.8#



#19
1,1-Dichloroethane
Concen: 2.059 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV025202.D
Acq: 26 Mar 2022 16:49

Tgt Ion: 63 Resp: 38392
Ion Ratio Lower Upper
63 100
65 32.2 22.0 40.8
83 14.5 10.2 19.0

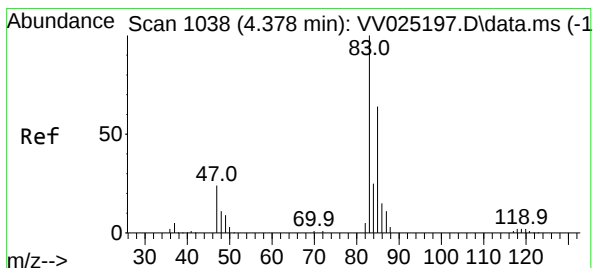
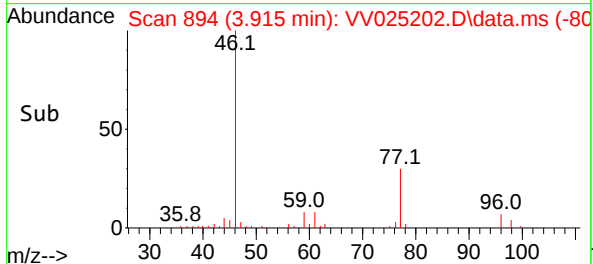
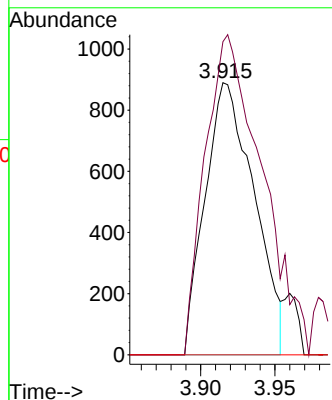
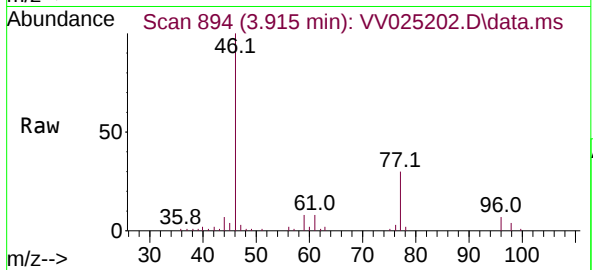




#22
 cis-1,2-Dichloroethene
 Concen: 0.180 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.000 min
 Lab File: VV025202.D
 Acq: 26 Mar 2022 16:49

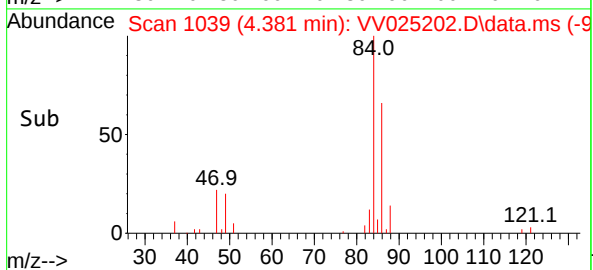
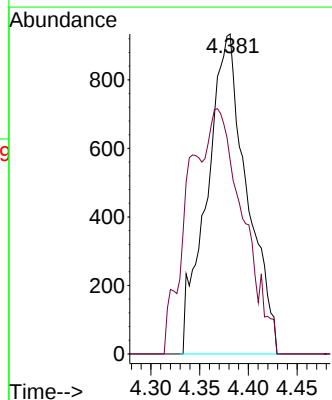
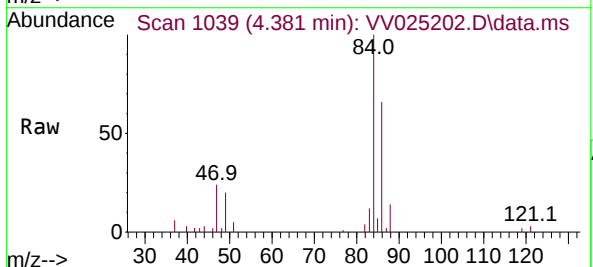
Instrument :
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 ClientSampleId :
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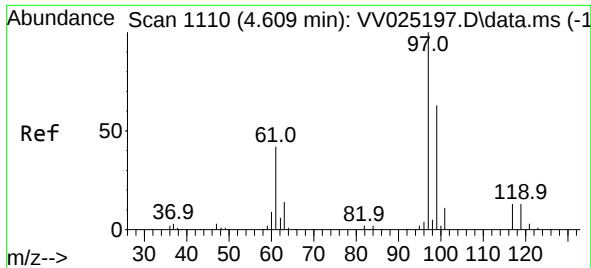
Tgt Ion: 96 Resp: 2046
 Ion Ratio Lower Upper
 96 100
 61 115.1 84.1 156.1
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.128 ug/L
 RT: 4.381 min Scan# 1039
 Delta R.T. 0.003 min
 Lab File: VV025202.D
 Acq: 26 Mar 2022 16:49

Tgt Ion: 83 Resp: 2658
 Ion Ratio Lower Upper
 83 100
 85 60.6 44.7 82.9

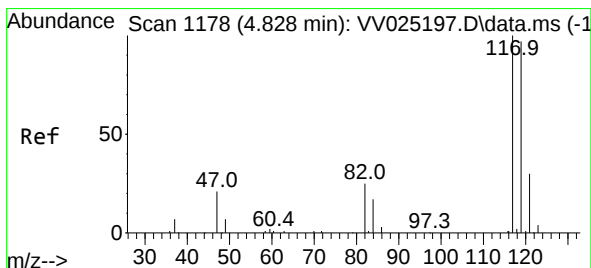
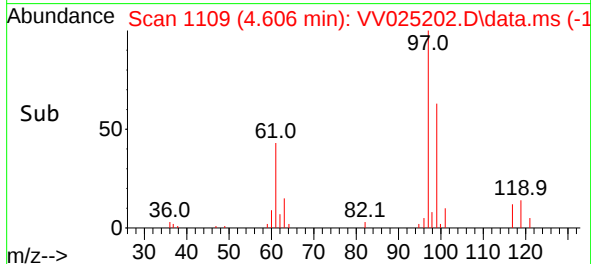
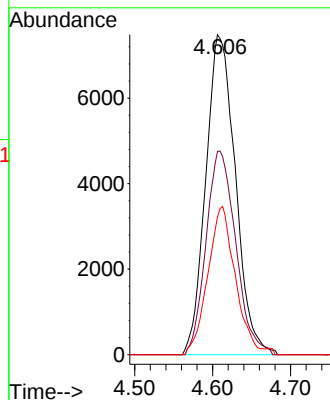
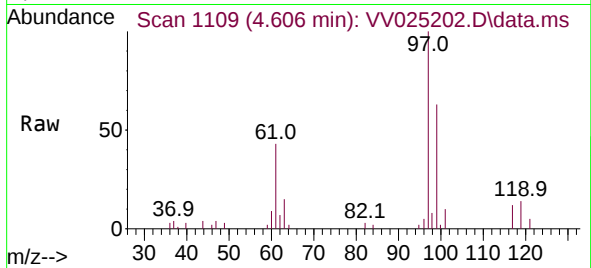




#29
1,1,1-Trichloroethane
Concen: 1.125 ug/L
RT: 4.606 min Scan# 1110
Delta R.T. -0.003 min
Lab File: VV025202.D
Acq: 26 Mar 2022 16:49

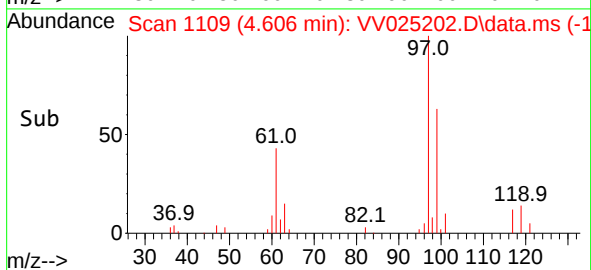
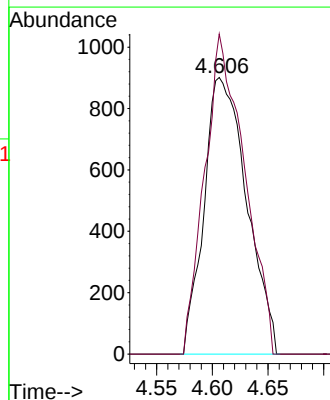
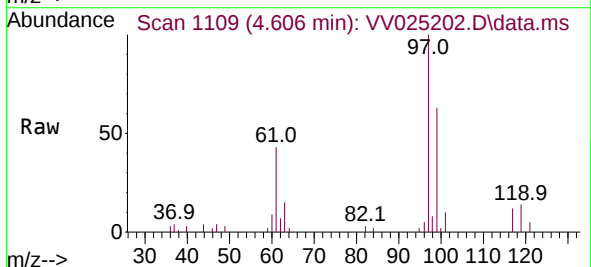
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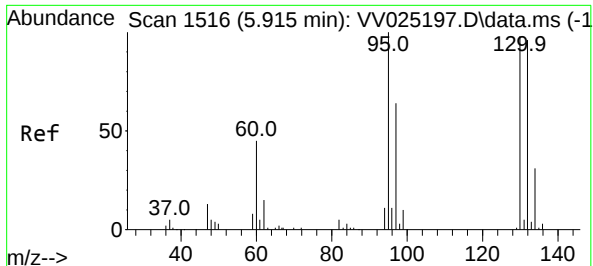
Tgt Ion: 97	Resp: 19799
Ion Ratio	Lower Upper
97 100	
99 63.9	51.9 77.9
61 43.0	34.2 51.2



#31
Carbon tetrachloride
Concen: 0.158 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.222 min
Lab File: VV025202.D
Acq: 26 Mar 2022 16:49

Tgt Ion: 117	Resp: 2405
Ion Ratio	Lower Upper
117 100	
119 107.8	77.8 116.6



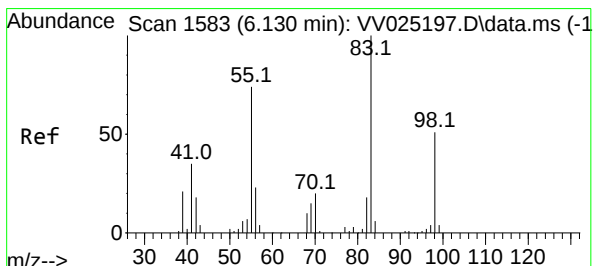
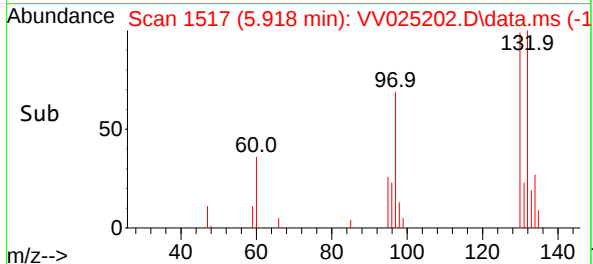
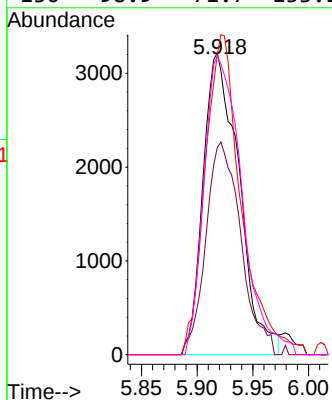
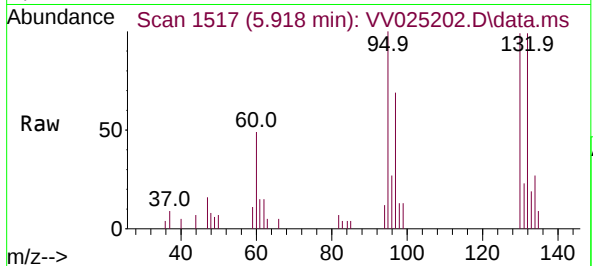


#34
Trichloroethene
Concen: 0.615 ug/L
RT: 5.918 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV025202.D
Acq: 26 Mar 2022 16:49

Instrument :
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Tgt Ion: 95 Resp: 7210

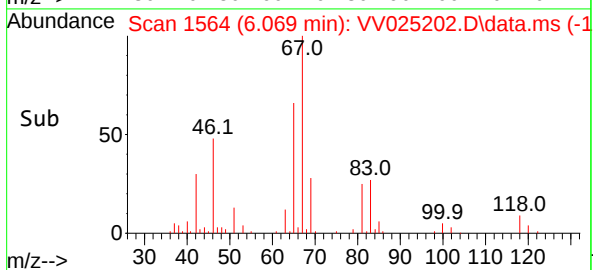
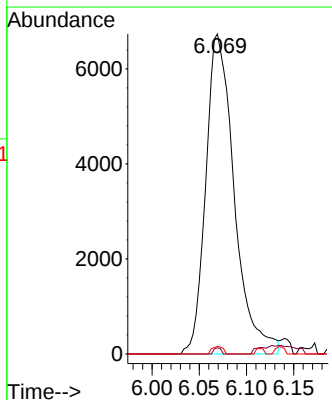
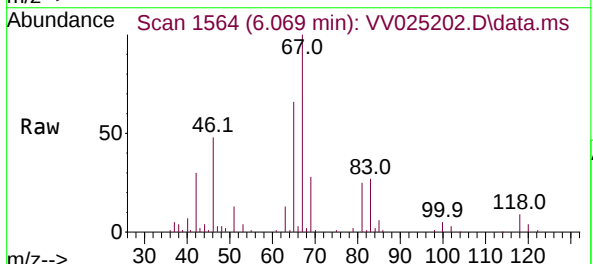
Ion	Ratio	Lower	Upper
95	100		
97	68.5	46.3	85.9
132	99.4	65.2	121.2
130	98.9	71.7	133.1

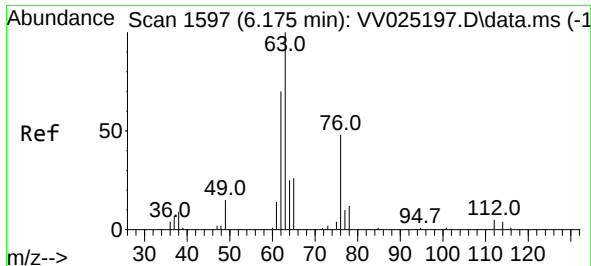


#35
Methylcyclohexane
Concen: 0.768 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV025202.D
Acq: 26 Mar 2022 16:49

Tgt Ion: 83 Resp: 14103

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: 0.659 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV025202.D

Acq: 26 Mar 2022 16:49

Instrument :

MSVOA_V

ClientSampleId :

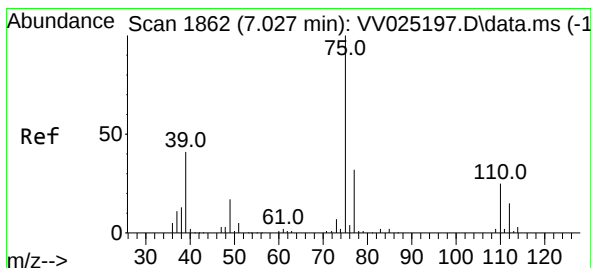
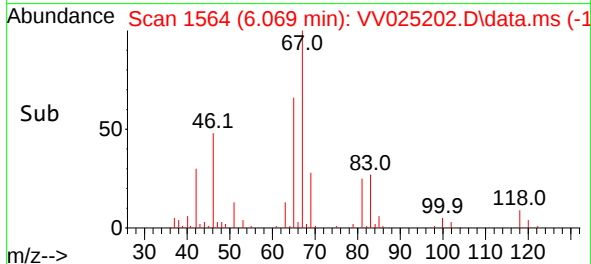
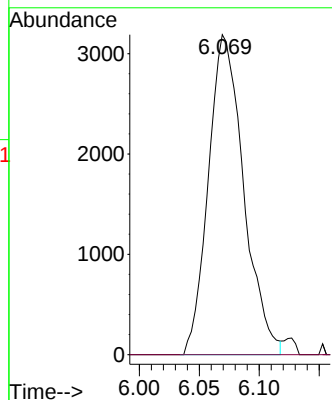
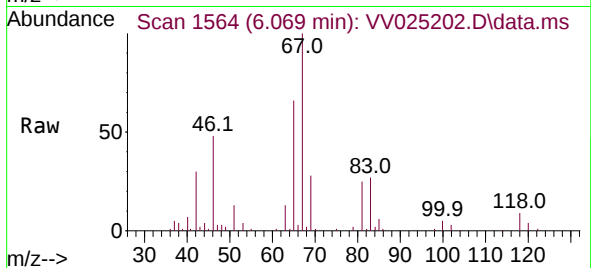
EW607DL

Tgt Ion: 63 Resp: 6519

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV025202.D

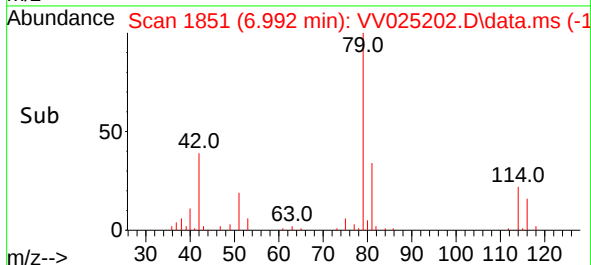
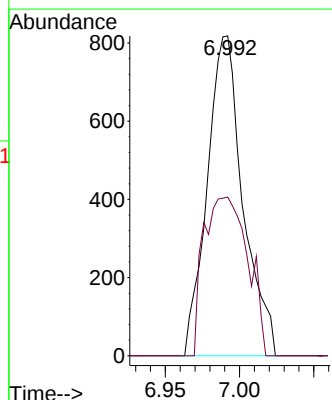
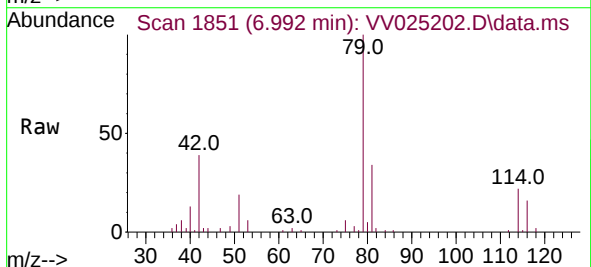
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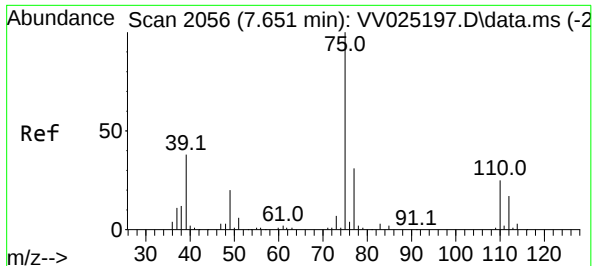
Tgt Ion: 75 Resp: 1374

Ion Ratio Lower Upper

75 100

77 49.6 22.1 41.1#

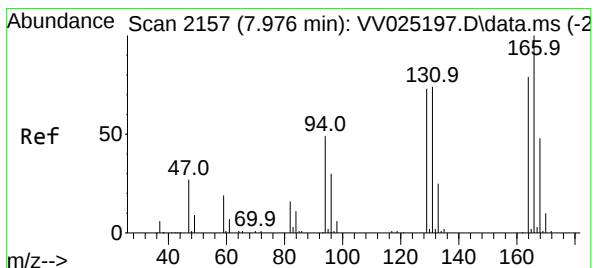
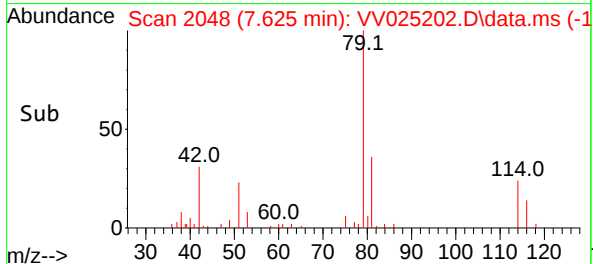
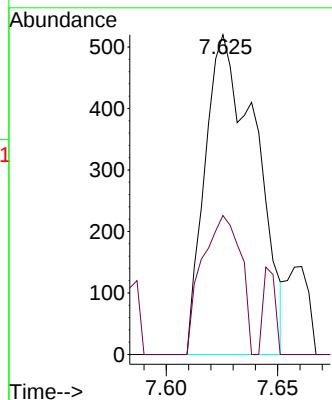
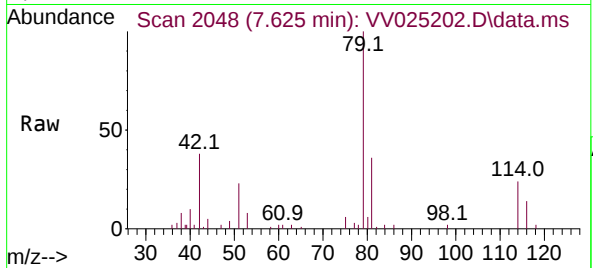




#44
trans-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.625 min Scan# 2056
Delta R.T. -0.026 min
Lab File: VV025202.D
Acq: 26 Mar 2022 16:49

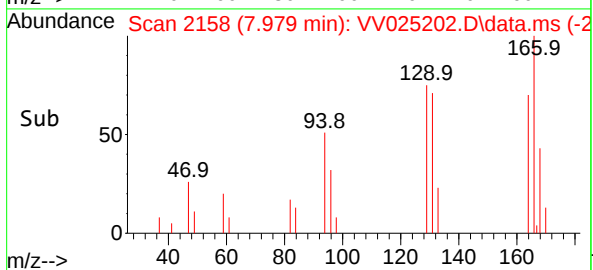
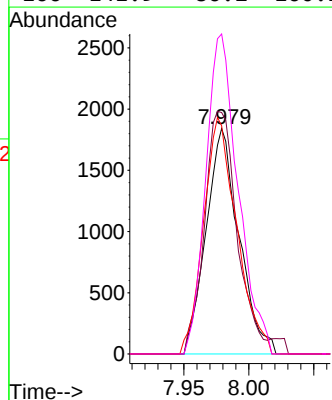
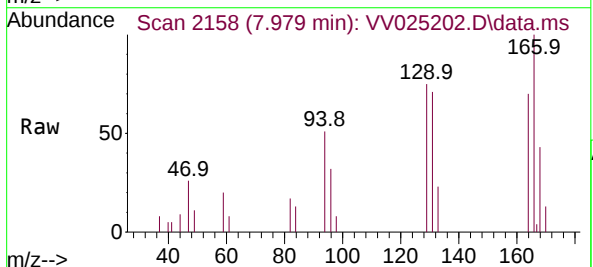
Instrument :
MSVOA_V
ClientSampleId :
EW607DL

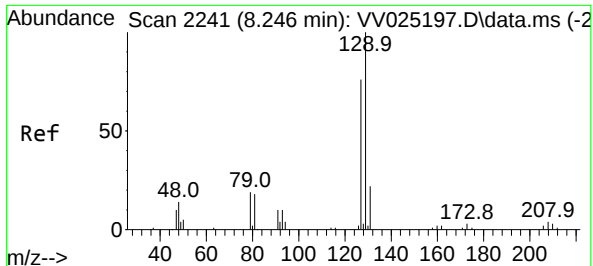
Tgt Ion: 75 Resp: 826
Ion Ratio Lower Upper
75 100
77 43.5 24.2 45.0



#47
Tetrachloroethene
Concen: 0.375 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV025202.D
Acq: 26 Mar 2022 16:49

Tgt Ion: 164 Resp: 3244
Ion Ratio Lower Upper
164 100
129 107.1 67.5 125.4
131 101.2 68.0 126.4
166 141.9 86.2 160.2





#49

Dibromochloromethane

Concen: 0.414 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV025202.D

Acq: 26 Mar 2022 16:49

Instrument :

MSVOA_V

ClientSampleId :

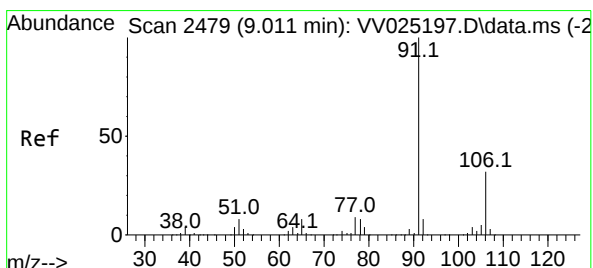
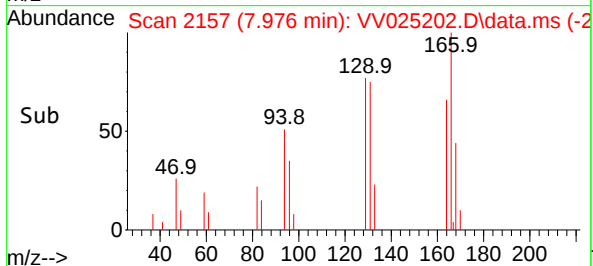
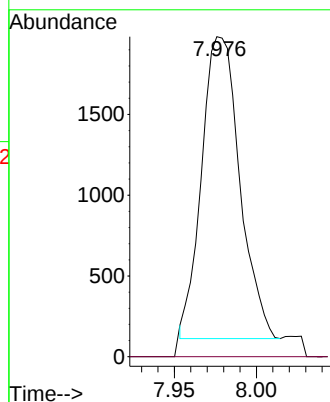
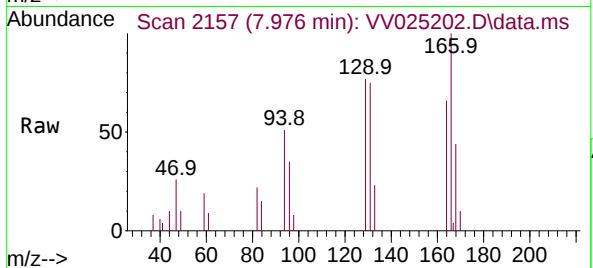
EW607DL

Tgt Ion:129 Resp: 3017

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#52

Ethylbenzene

Concen: 0.043 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. 0.010 min

Lab File: VV025202.D

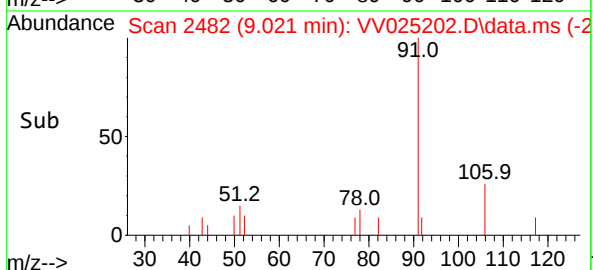
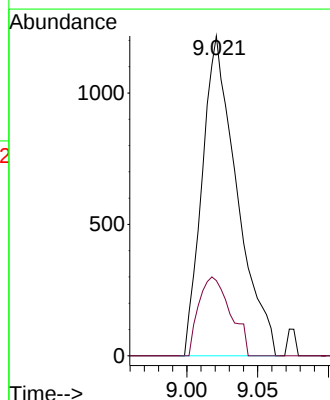
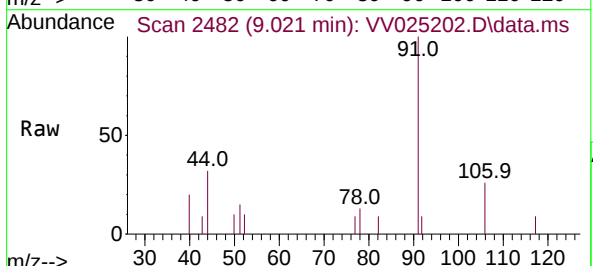
Acq: 26 Mar 2022 16:49

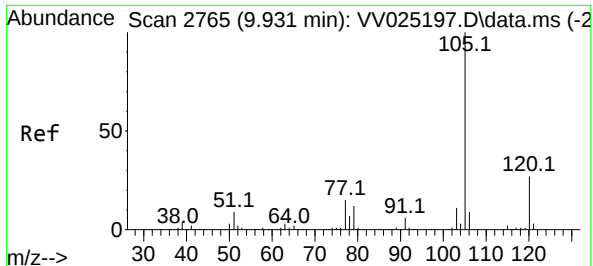
Tgt Ion: 91 Resp: 2075

Ion Ratio Lower Upper

91 100

106 23.5 21.7 40.3

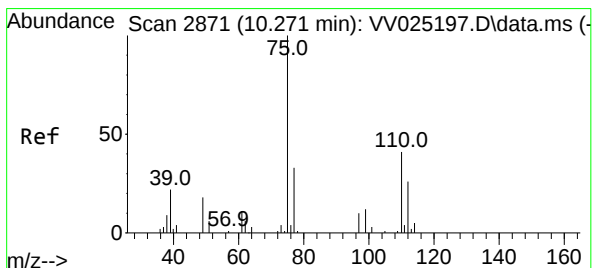
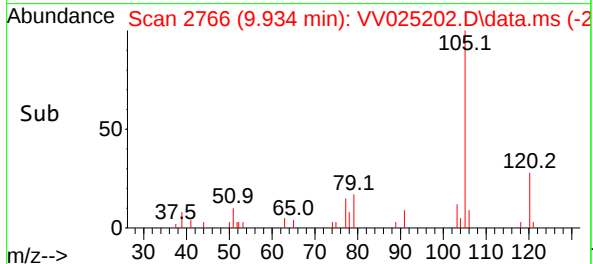
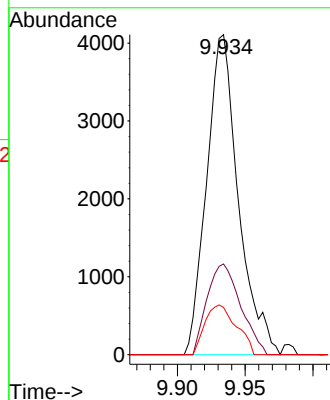
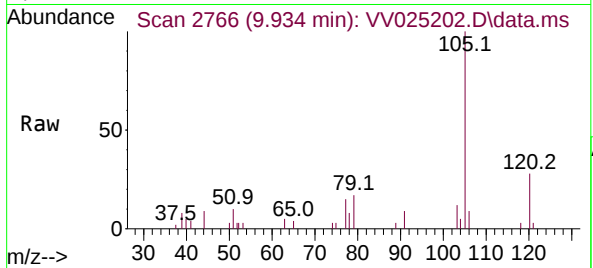




#60
Isopropylbenzene
Concen: 0.161 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025202.D
Acq: 26 Mar 2022 16:49

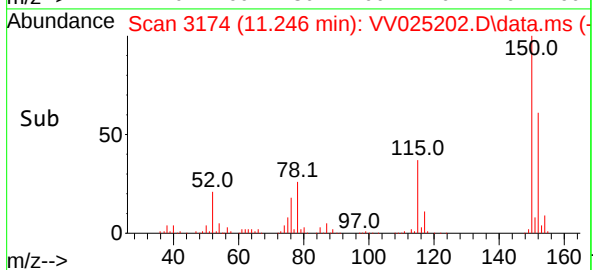
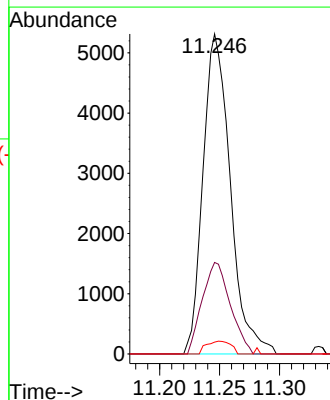
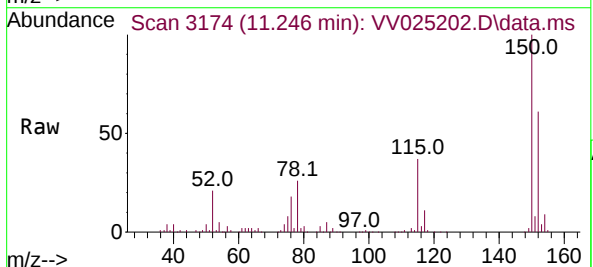
Instrument :
MSVOA_V
ClientSampleId :
EW607DL

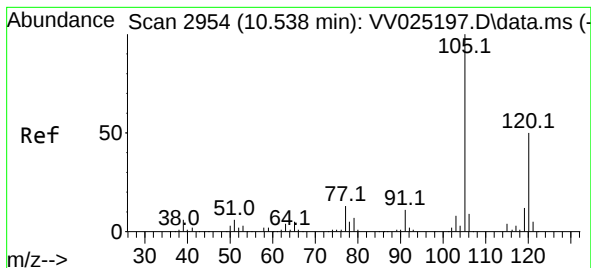
Tgt Ion:105 Resp: 6691
Ion Ratio Lower Upper
105 100
120 30.0 21.1 31.7
77 15.4 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 1.769 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025202.D
Acq: 26 Mar 2022 16:49

Tgt Ion: 75 Resp: 8411
Ion Ratio Lower Upper
75 100
77 29.4 25.8 38.6
110 3.6 31.6 47.4#





#62

1,3,5-Trimethylbenzene

Concen: 0.043 ug/L

RT: 10.545 min Scan# 2954

Delta R.T. 0.007 min

Lab File: VV025202.D

Acq: 26 Mar 2022 16:49

Instrument :

MSVOA_V

ClientSampleId :

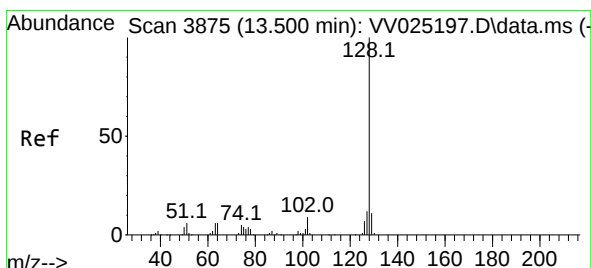
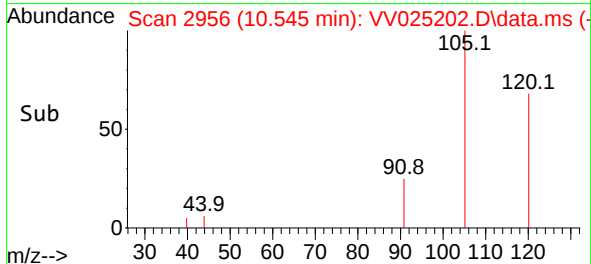
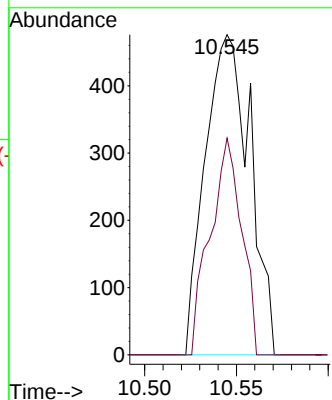
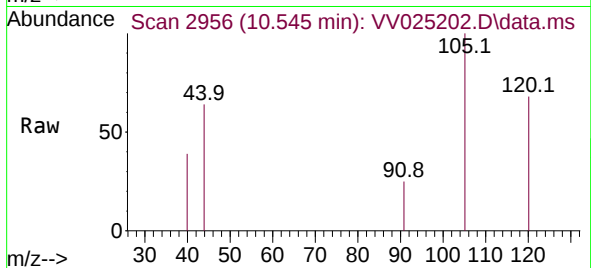
EW607DL

Tgt Ion:105 Resp: 810

Ion Ratio Lower Upper

105 100

120 47.5 39.7 59.5



#71

Naphthalene

Concen: 0.292 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.007 min

Lab File: VV025202.D

Acq: 26 Mar 2022 16:49

Tgt Ion:128 Resp: 4831

Ion Ratio Lower Upper

128 100

129 11.9 8.8 13.2

127 13.9 10.6 16.0

