

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)

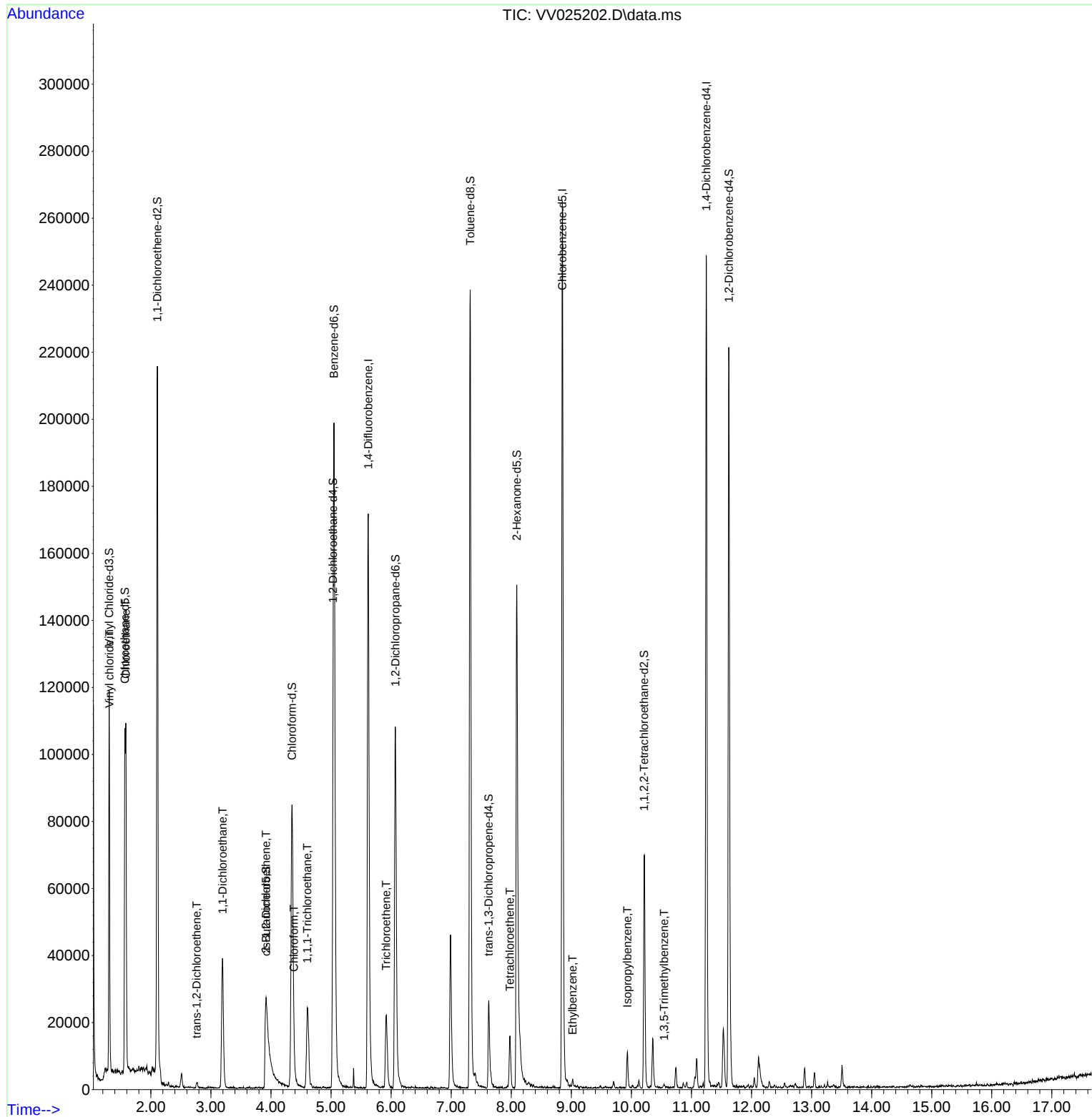
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	154545	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	145496	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	62833	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	70202	4.863	ug/L	0.00
Spiked Amount	5.000	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
34) Trichloroethene	5.918	95	7210	0.615	ug/L	96
47) Tetrachloroethene	7.979	164	3244	0.375	ug/L	89
52) Ethylbenzene	9.021	91	2075	0.043	ug/L	86
60) Isopropylbenzene	9.934	105	6691	0.161	ug/L	95
62) 1,3,5-Trimethylbenzene	10.545	105	810	0.043	ug/L	97

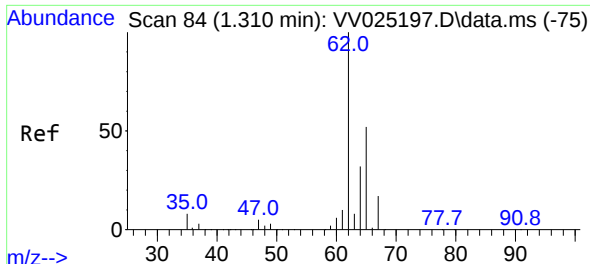
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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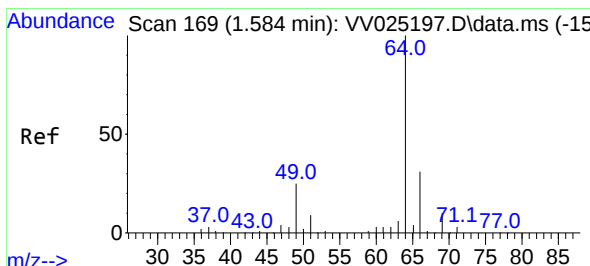
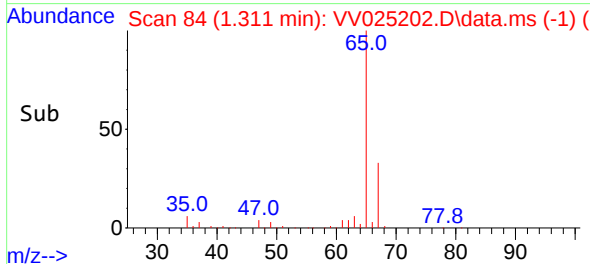
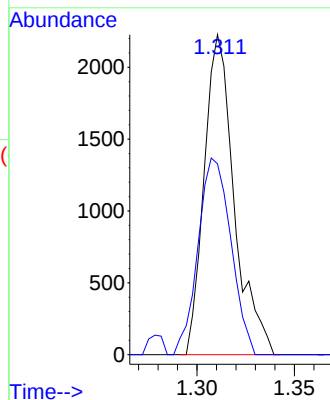
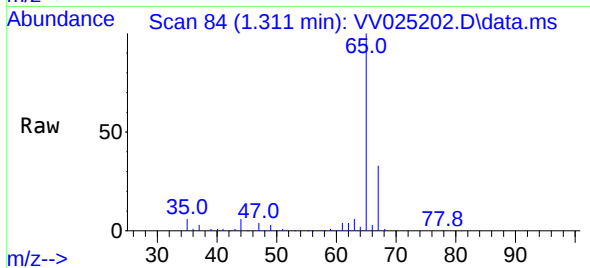




#5
 Vinyl chloride
 Concen: 0.118 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV025202.D
 Acq: 26 Mar 2022 16:49

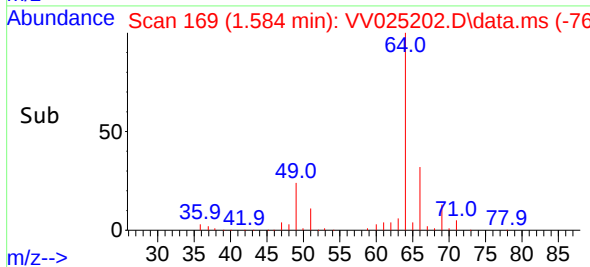
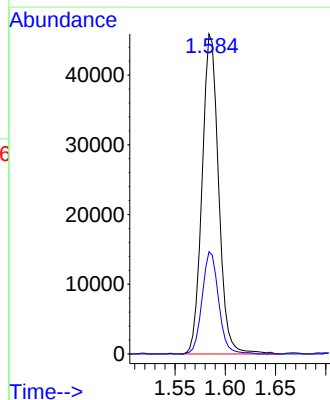
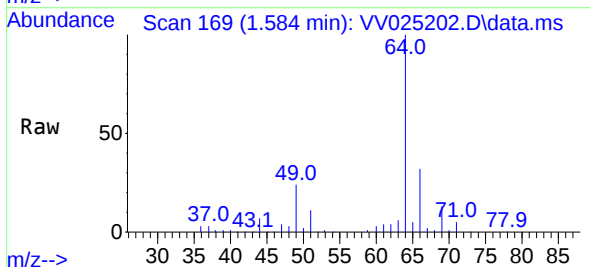
Instrument :
 MSVOA_V
 ClientSampleId :
 EW607DL

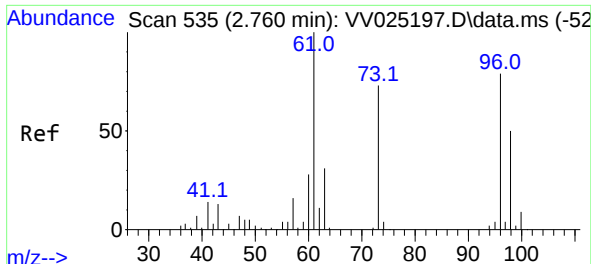
Tgt Ion: 62 Resp: 2392
 Ion Ratio Lower Upper
 62 100
 64 59.6 22.0 40.8#



#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

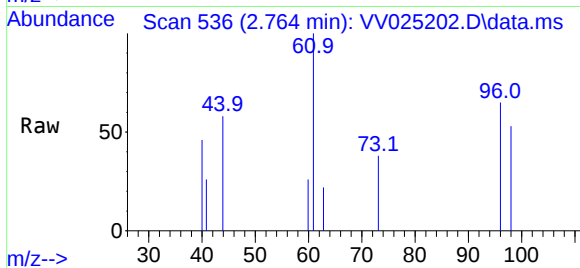
Tgt Ion: 64 Resp: 52435
 Ion Ratio Lower Upper
 64 100
 66 32.0 23.5 43.7



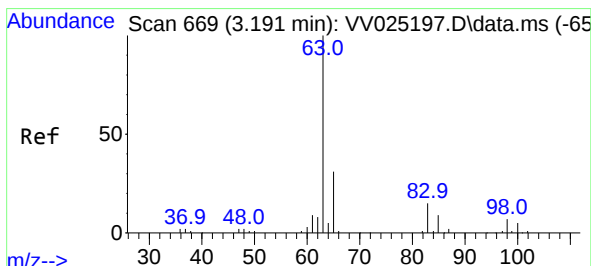
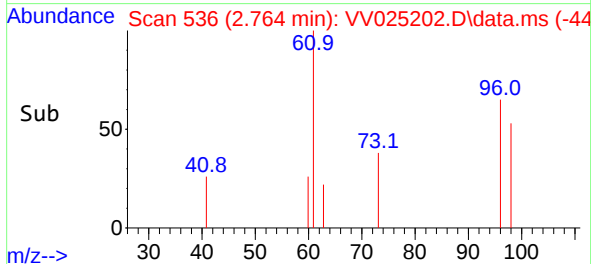
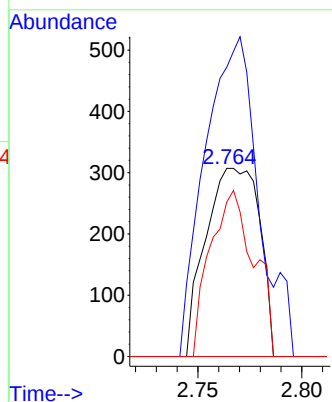


#18
trans-1,2-Dichloroethene
Concen: 0.050 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025202.D
Acq: 26 Mar 2022 16:49

Instrument :
MSVOA_V
ClientSampleId :
EW607DL

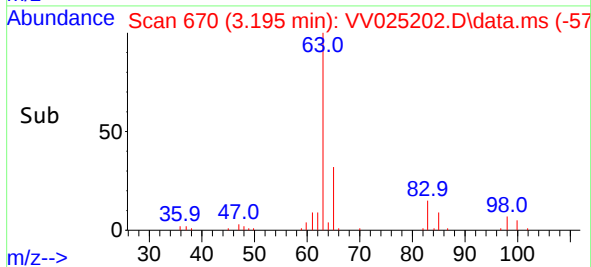
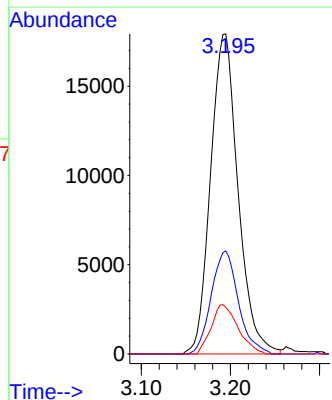
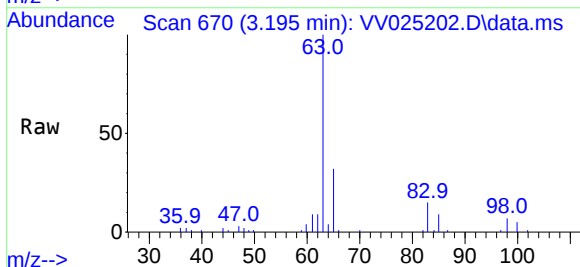


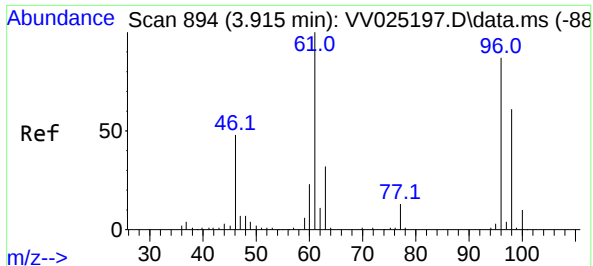
Tgt Ion: 96 Resp: 554
Ion Ratio Lower Upper
96 100
61 153.7 87.6 162.8
98 82.1 44.0 81.8#



#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 :

MSVOA_V

ClientSampleId :

EW607DL

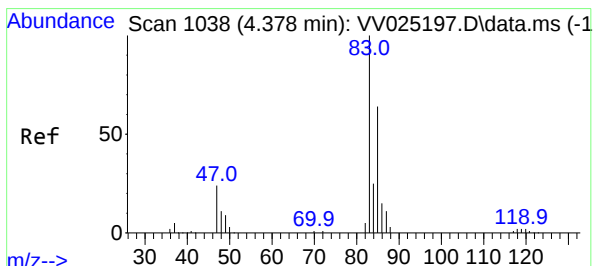
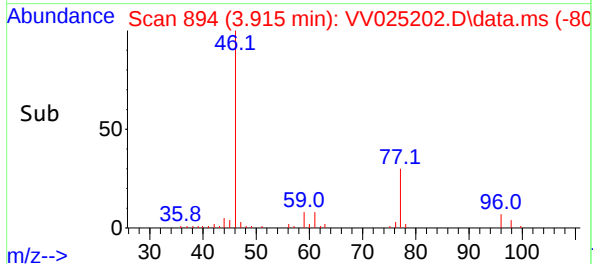
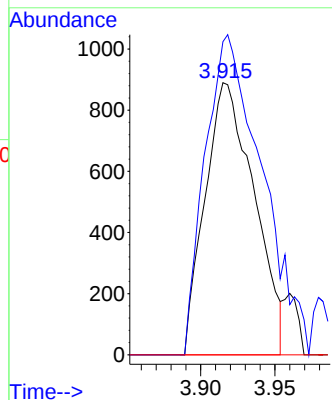
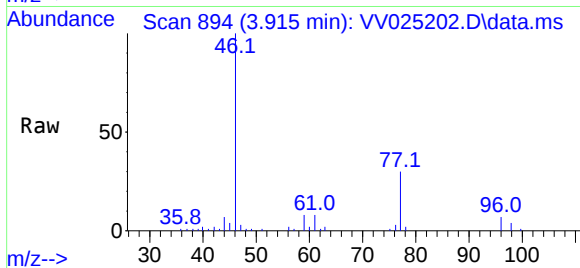
Tgt Ion: 96 Resp: 2046

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

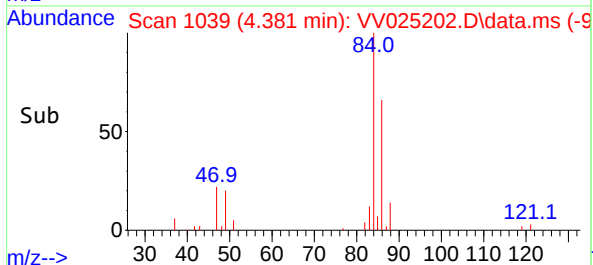
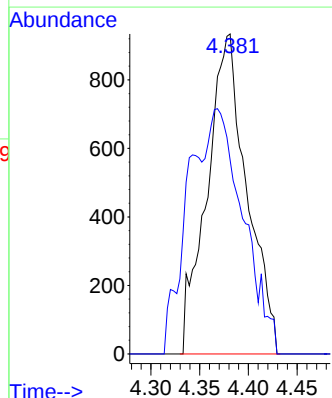
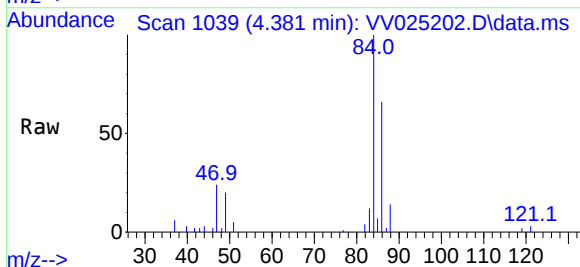
Acq: 26 Mar 2022 16:49

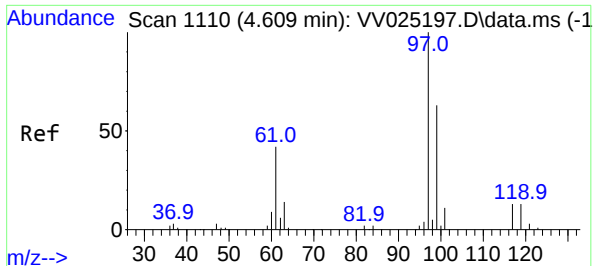
Tgt Ion: 83 Resp: 2658

Ion Ratio Lower Upper

83 100

85 60.6 44.7 82.9

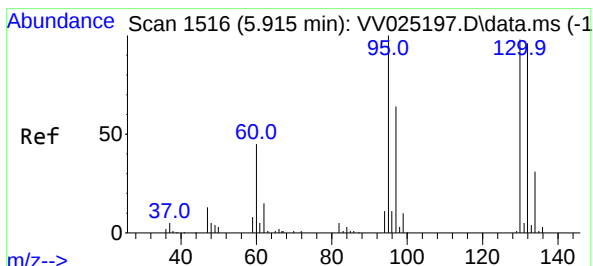
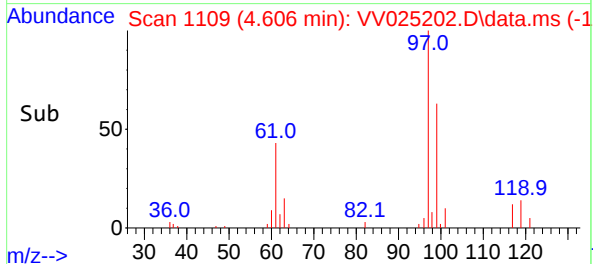
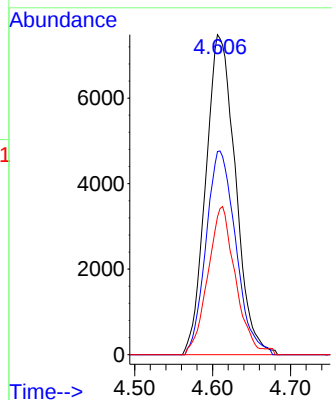
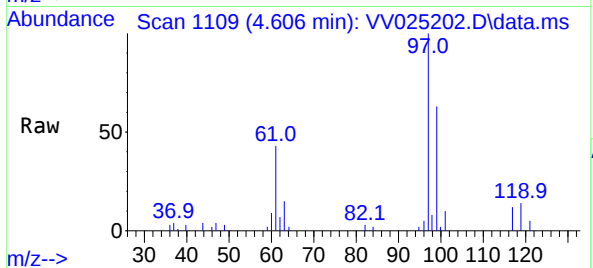




#29
1,1,1-Trichloroethane
Concen: 1.125 ug/L
RT: 4.606 min Scan# 1110
Delta R.T. -0.003 min
Lab File: VV025202.D
Acq: 26 Mar 2022 16:49

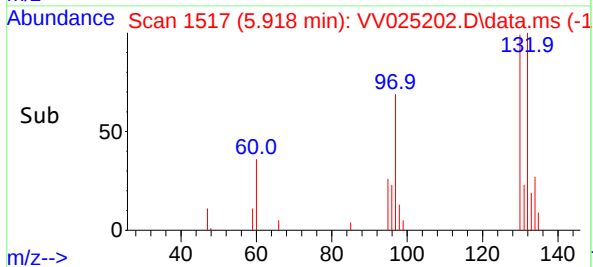
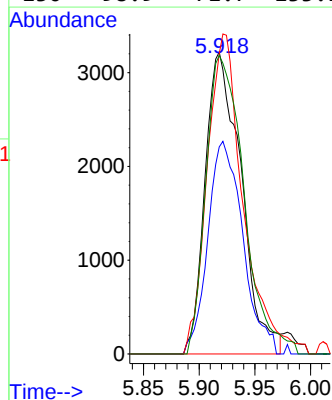
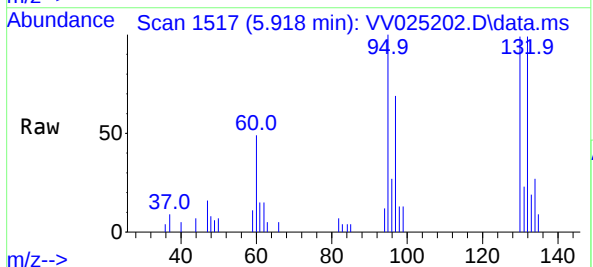
Instrument :
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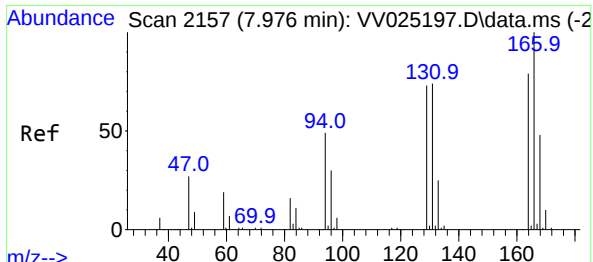
Tgt Ion: 97	Resp: 19799
Ion Ratio	Lower Upper
97 100	
99 63.9	51.9 77.9
61 43.0	34.2 51.2



#34
Trichloroethene
Concen: 0.615 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV025202.D
Acq: 26 Mar 2022 16:49

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



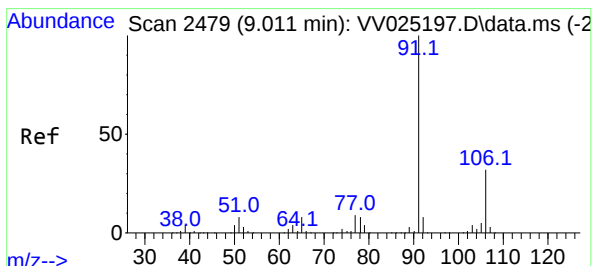
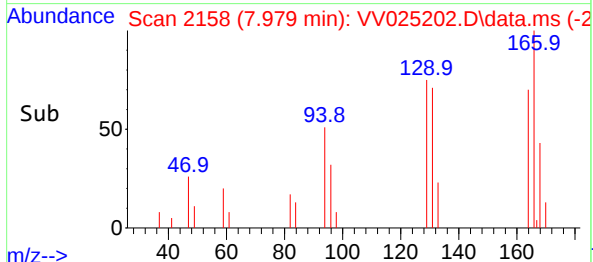
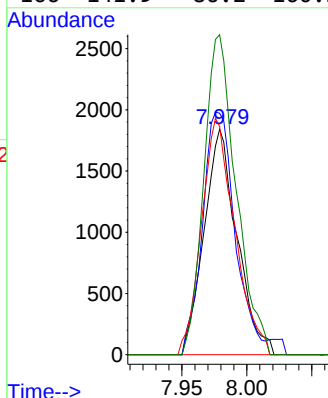
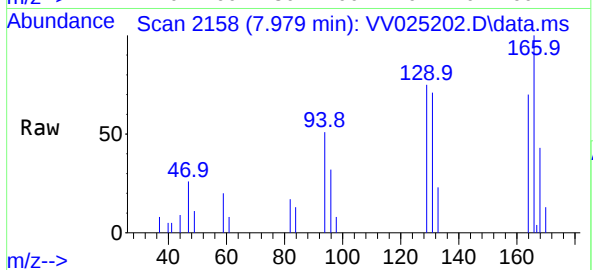


#47
Tetrachloroethene
Concen: 0.375 ug/L
RT: 7.979 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025202.D
Acq: 26 Mar 2022 16:49

Instrument :
MSVOA_V
ClientSampleId :
EW607DL

Tgt Ion:164 Resp: 3244

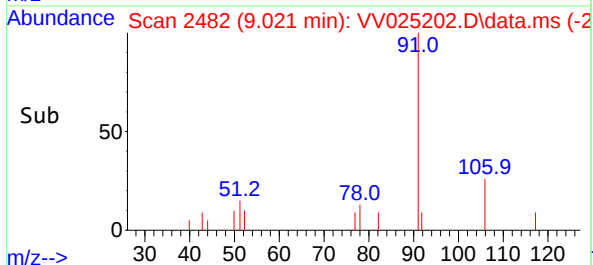
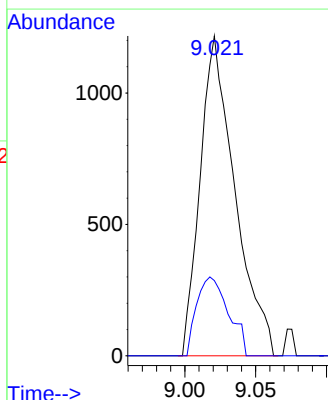
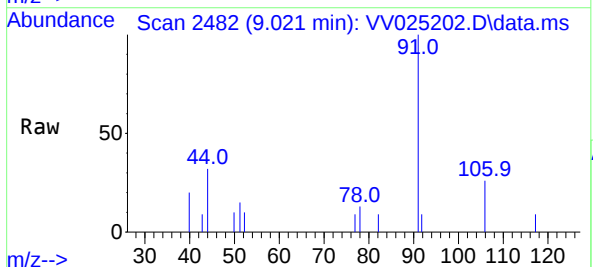
Ion	Ratio	Lower	Upper
164	100		
129	107.1	67.5	125.4
131	101.2	68.0	126.4
166	141.9	86.2	160.2

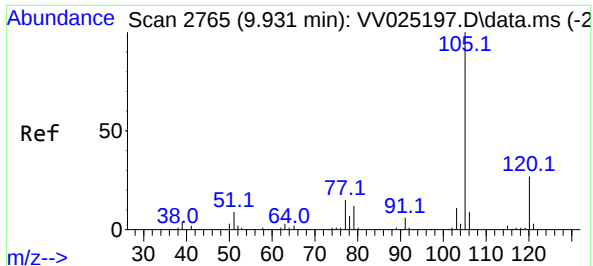


#52
Ethylbenzene
Concen: 0.043 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.010 min
Lab File: VV025202.D
Acq: 26 Mar 2022 16:49

Tgt Ion: 91 Resp: 2075

Ion	Ratio	Lower	Upper
91	100		
106	23.5	21.7	40.3

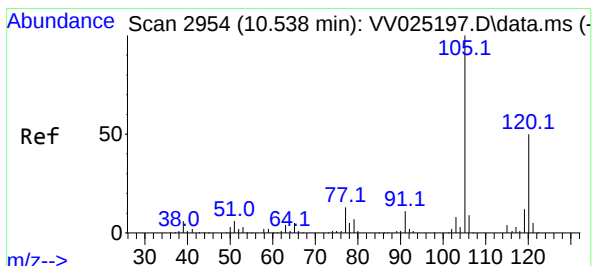
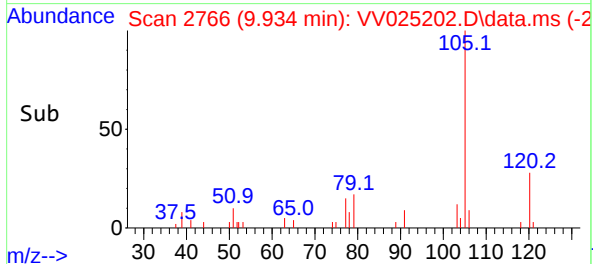
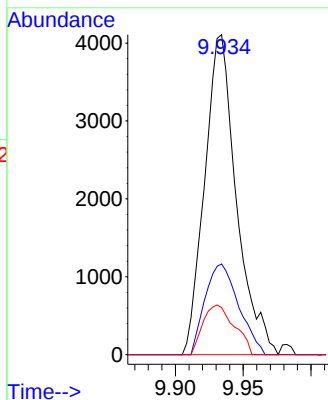
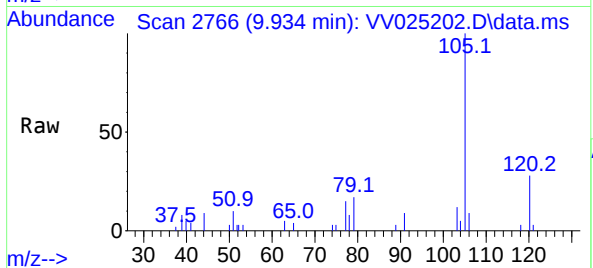




#60
Isopropylbenzene
Concen: 0.161 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025202.D
Acq: 26 Mar 2022 16:49

Instrument :
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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



#62
1,3,5-Trimethylbenzene
Concen: 0.043 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.007 min
Lab File: VV025202.D
Acq: 26 Mar 2022 16:49

Tgt Ion:	105	Resp:	810
Ion	Ratio	Lower	Upper
105	100		
120	47.5	39.7	59.5

