

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025221.D
 Acq On : 27 Mar 2022 00:14
 Operator : SY/MD
 Sample : N2097-15
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE4

Quant Time: Mar 28 02:05:46 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

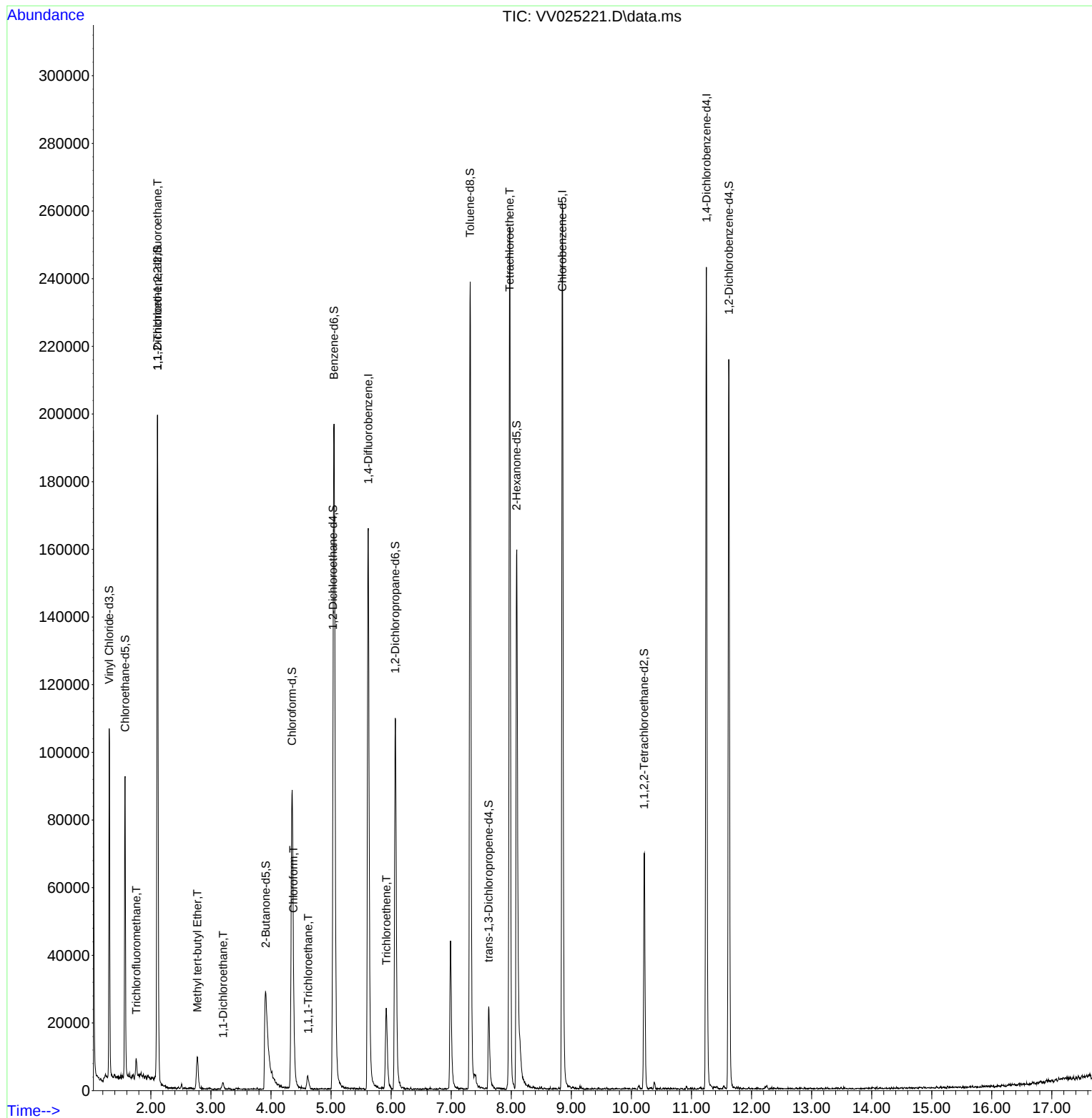
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	146983	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	145877	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61179	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63805	4.647	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.000%	
7) Chloroethane-d5	1.571	69	55889	4.850	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.000%	
11) 1,1-Dichloroethene-d2	2.111	63	102430	3.444	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.800%	
20) 2-Butanone-d5	3.912	46	64387	47.080	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	94.160%	
24) Chloroform-d	4.352	84	92790	5.179	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.600%	
26) 1,2-Dichloroethane-d4	5.034	65	41832	5.282	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.600%	
32) Benzene-d6	5.050	84	188472	5.107	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
36) 1,2-Dichloropropane-d6	6.069	67	53507	5.173	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.400%	
41) Toluene-d8	7.317	98	164197	4.851	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.000%	
43) trans-1,3-Dichloroprop...	7.625	79	14848	4.401	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.000%	
46) 2-Hexanone-d5	8.088	63	60709	49.818	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.640%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33019	4.788	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	53708	5.466	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.400%	
Target Compounds						
9) Trichlorofluoromethane	1.757	101	3000	0.115	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1976	0.127	ug/L #	70
17) Methyl tert-butyl Ether	2.773	73	10416	0.556	ug/L #	93
19) 1,1-Dichloroethane	3.201	63	2007	0.113	ug/L #	85
25) Chloroform	4.375	83	5446	0.277	ug/L	89
29) 1,1,1-Trichloroethane	4.619	97	2840	0.161	ug/L #	93
34) Trichloroethene	5.921	95	7836	0.667	ug/L	95
47) Tetrachloroethene	7.976	164	55658	6.424	ug/L	98

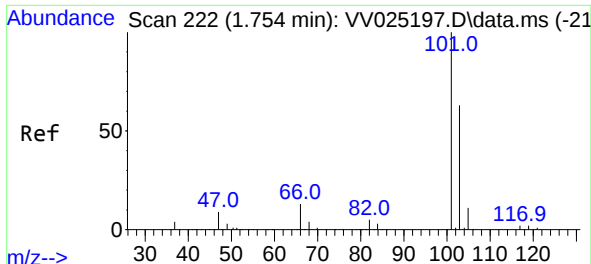
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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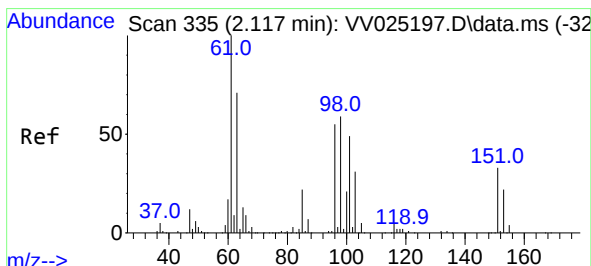
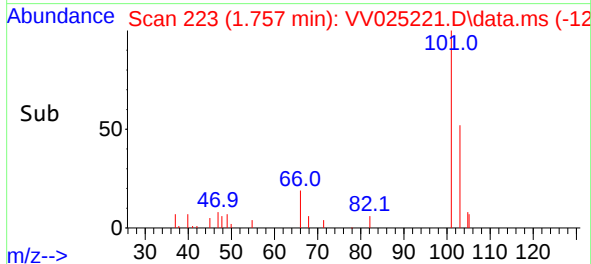
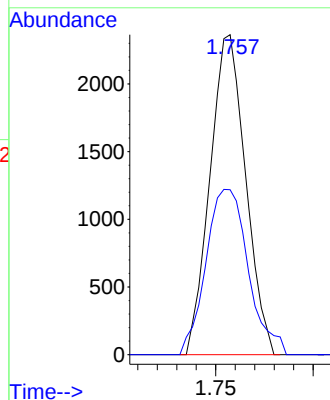
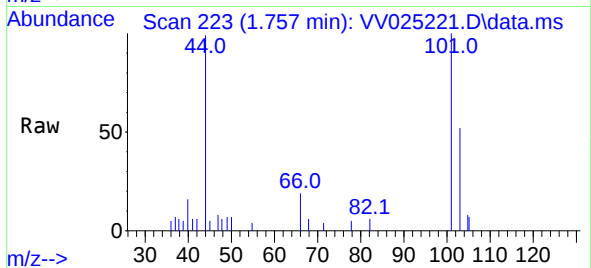




#9
 Trichlorofluoromethane
 Concen: 0.115 ug/L
 RT: 1.757 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV025221.D
 Acq: 27 Mar 2022 00:14

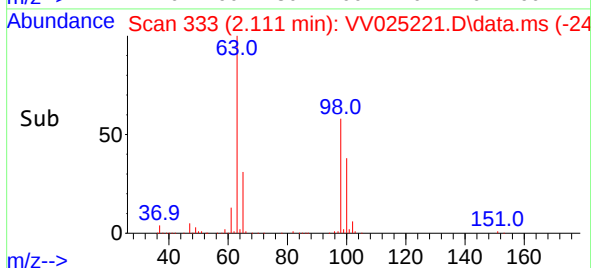
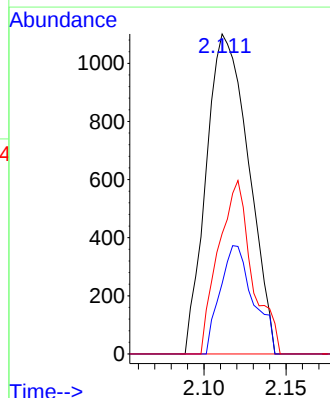
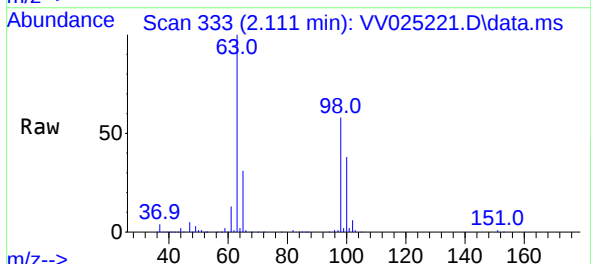
Instrument :
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 ClientSampleId :
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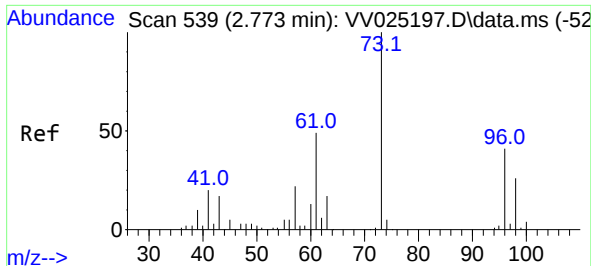
Tgt Ion:101 Resp: 3000
 Ion Ratio Lower Upper
 101 100
 103 61.6 52.2 78.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.127 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.006 min
 Lab File: VV025221.D
 Acq: 27 Mar 2022 00:14

Tgt Ion:101 Resp: 1976
 Ion Ratio Lower Upper
 101 100
 85 26.6 36.0 54.0#
 151 43.2 54.6 81.8#

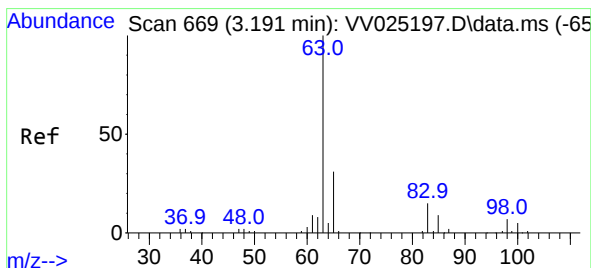
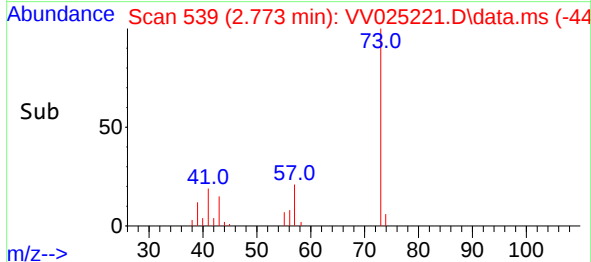
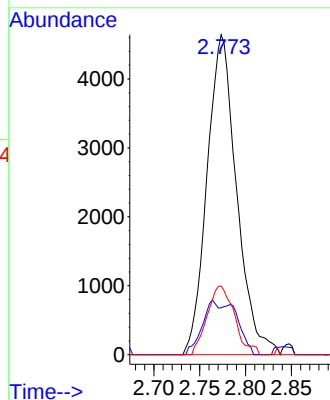
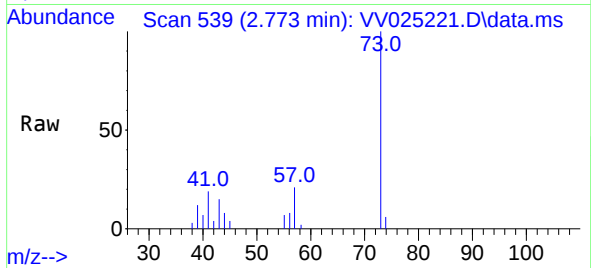




#17
Methyl tert-butyl Ether
Concen: 0.556 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025221.D
Acq: 27 Mar 2022 00:14

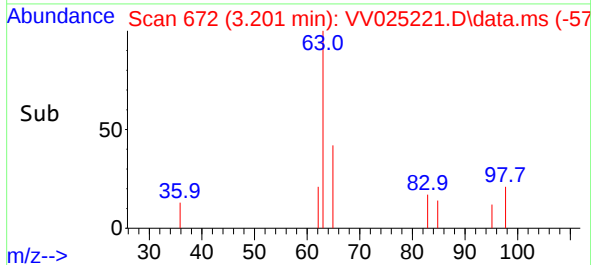
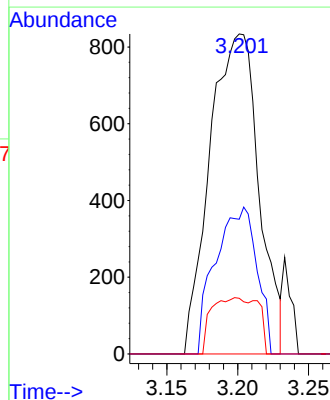
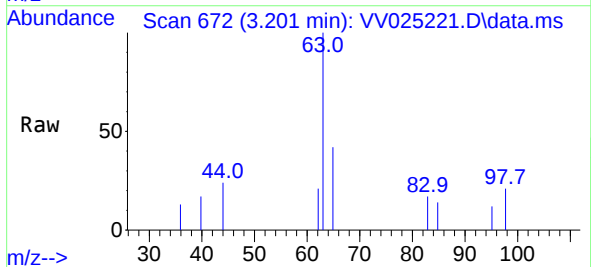
Instrument :
MSVOA_V
ClientSampleId :
C0AE4

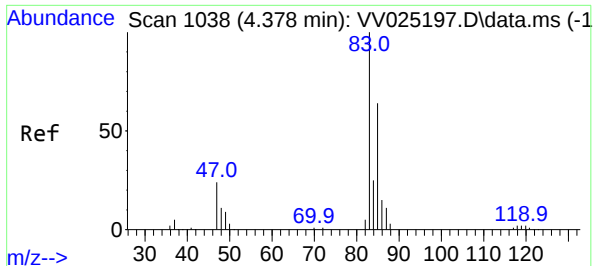
Tgt Ion: 73 Resp: 10416
Ion Ratio Lower Upper
73 100
43 10.6 13.5 20.3#
57 19.9 16.4 24.6



#19
1,1-Dichloroethane
Concen: 0.113 ug/L
RT: 3.201 min Scan# 672
Delta R.T. 0.010 min
Lab File: VV025221.D
Acq: 27 Mar 2022 00:14

Tgt Ion: 63 Resp: 2007
Ion Ratio Lower Upper
63 100
65 42.1 22.0 40.8#
83 17.4 10.2 19.0





#25

Chloroform

Concen: 0.277 ug/L

RT: 4.375 min Scan# 1113

Delta R.T. -0.003 min

Lab File: VV025221.D

Acq: 27 Mar 2022 00:14

Instrument :

MSVOA_V

ClientSampleId :

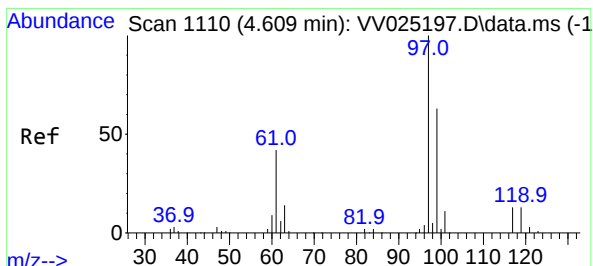
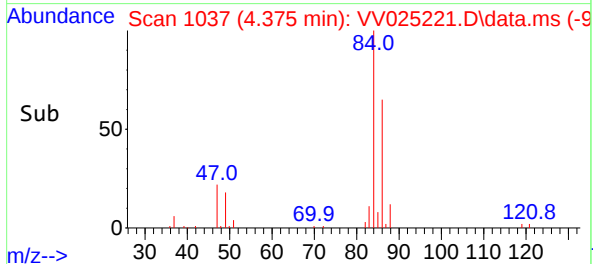
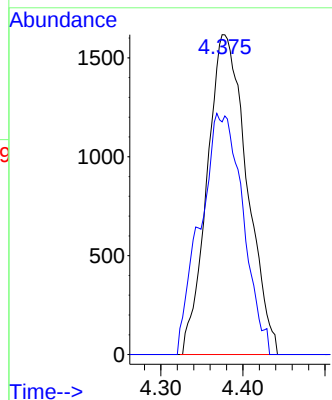
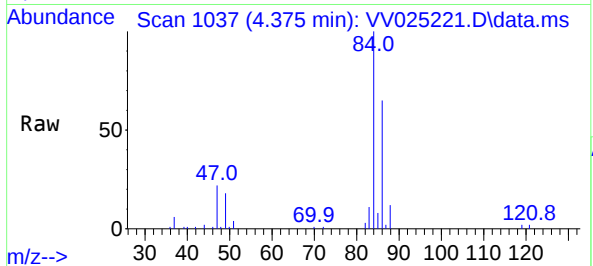
C0AE4

Tgt Ion: 83 Resp: 5446

Ion Ratio Lower Upper

83 100

85 72.7 44.7 82.9



#29

1,1,1-Trichloroethane

Concen: 0.161 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. 0.010 min

Lab File: VV025221.D

Acq: 27 Mar 2022 00:14

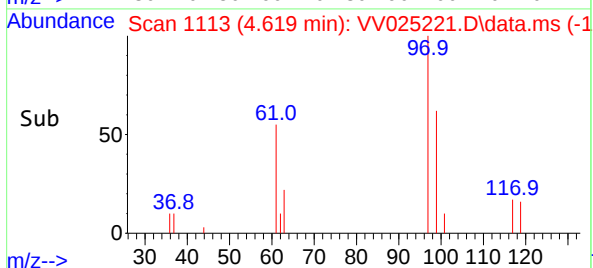
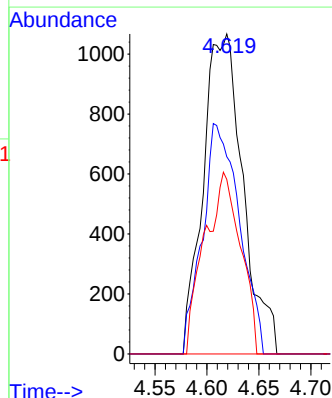
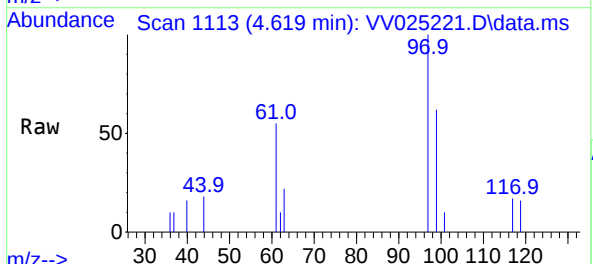
Tgt Ion: 97 Resp: 2840

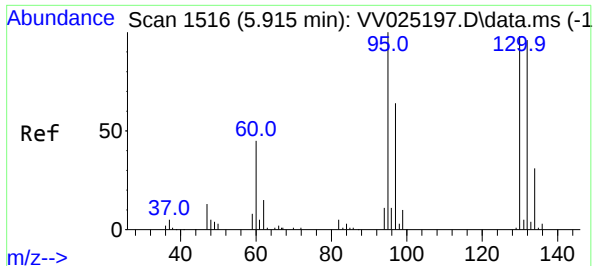
Ion Ratio Lower Upper

97 100

99 67.0 51.9 77.9

61 51.3 34.2 51.2#



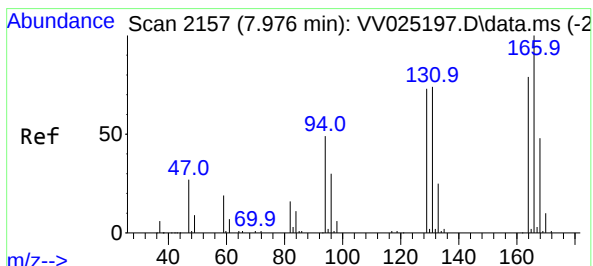
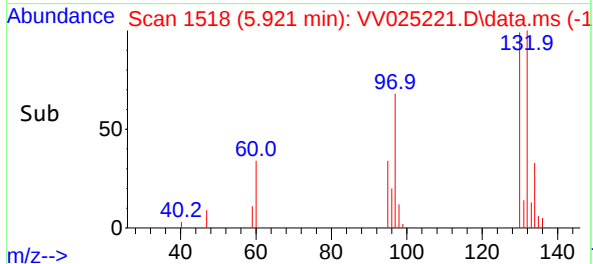
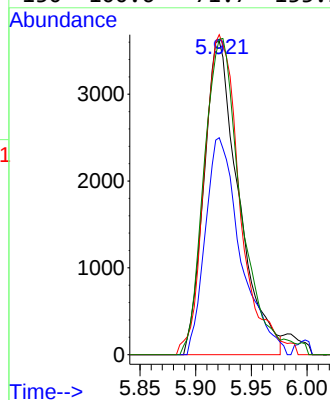
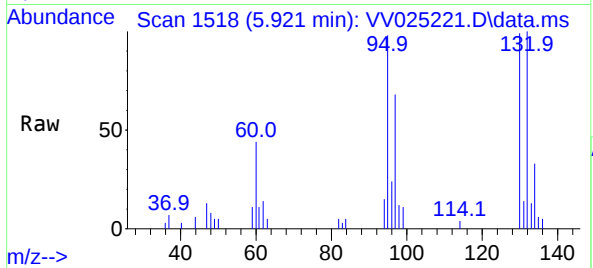


#34
Trichloroethene
Concen: 0.667 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV025221.D
Acq: 27 Mar 2022 00:14

Instrument :
MSVOA_V
ClientSampleId :
C0AE4

Tgt Ion: 95 Resp: 7836

Ion	Ratio	Lower	Upper
95	100		
97	69.2	46.3	85.9
132	102.0	65.2	121.2
130	100.6	71.7	133.1



#47
Tetrachloroethene
Concen: 6.424 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV025221.D
Acq: 27 Mar 2022 00:14

Tgt Ion: 164 Resp: 55658

Ion	Ratio	Lower	Upper
164	100		
129	94.2	67.5	125.4
131	93.1	68.0	126.4
166	123.4	86.2	160.2

