

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025218.D
 Acq On : 26 Mar 2022 23:04
 Operator : SY/MD
 Sample : N2097-12
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE1

Quant Time: Mar 28 02:05:10 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)

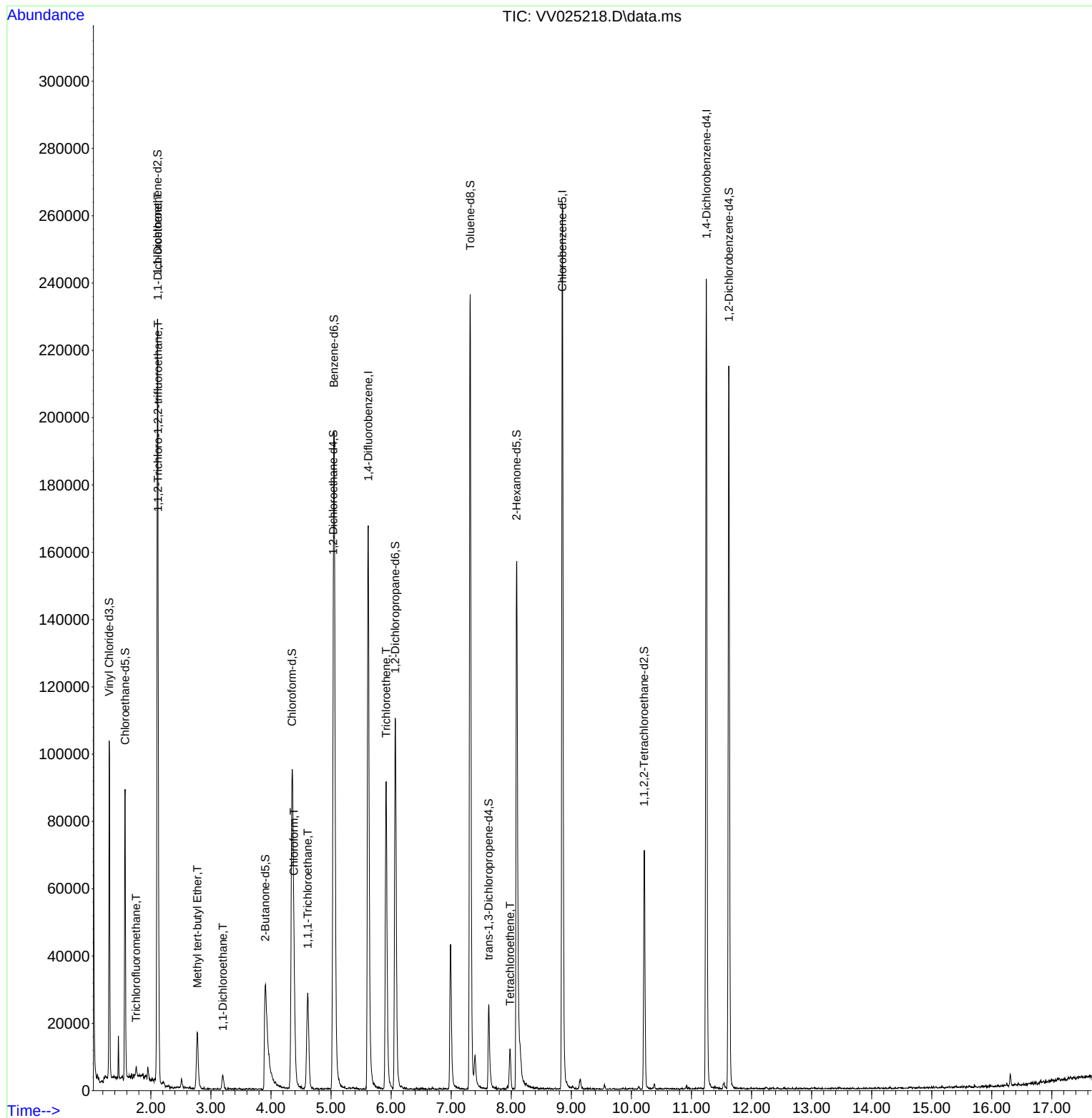
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	149483	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146092	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61619	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	61774	4.424	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.400%	
7) Chloroethane-d5	1.571	69	55165	4.707	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.200%	
11) 1,1-Dichloroethene-d2	2.111	63	98898	3.270	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.400%	
20) 2-Butanone-d5	3.905	46	70969	51.025	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.040%	
24) Chloroform-d	4.352	84	93030	5.105	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
26) 1,2-Dichloroethane-d4	5.037	65	41256	5.122	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.400%	
32) Benzene-d6	5.050	84	186121	5.036	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
36) 1,2-Dichloropropane-d6	6.069	67	53378	5.153	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.000%	
41) Toluene-d8	7.317	98	161131	4.753	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
43) trans-1,3-Dichloroprop...	7.625	79	14988	4.435	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.800%	
46) 2-Hexanone-d5	8.088	63	58254	47.733	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.460%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34268	4.962	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	53573	5.413	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.200%	
Target Compounds						
9) Trichlorofluoromethane	1.754	101	1745	0.066	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	19019	1.204	ug/L	99
12) 1,1-Dichloroethene	2.114	96	2061	0.137	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	16700	0.877	ug/L #	95
19) 1,1-Dichloroethane	3.198	63	4263	0.236	ug/L	92
25) Chloroform	4.381	83	33270	1.663	ug/L	100
29) 1,1,1-Trichloroethane	4.613	97	22583	1.278	ug/L	99
34) Trichloroethene	5.915	95	31949	2.715	ug/L	94
47) Tetrachloroethene	7.982	164	2719	0.313	ug/L	91

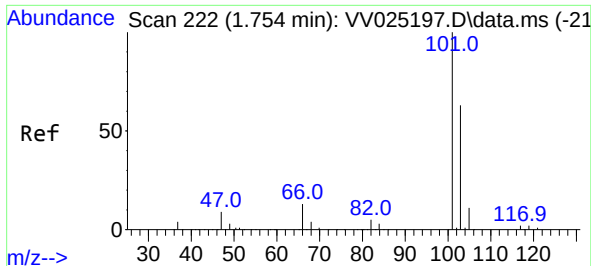
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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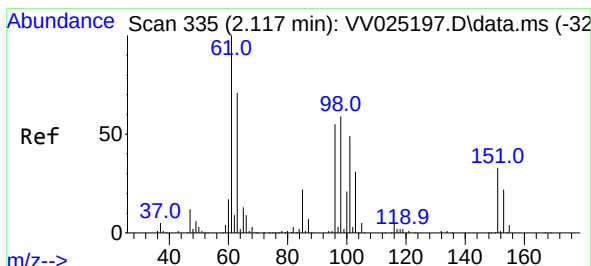
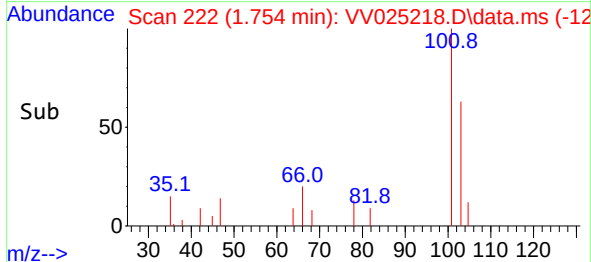
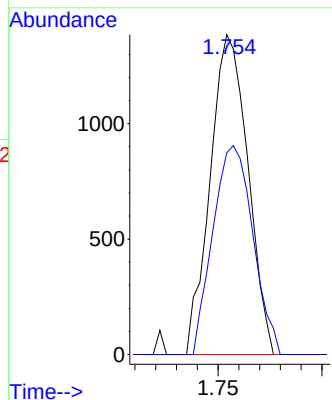
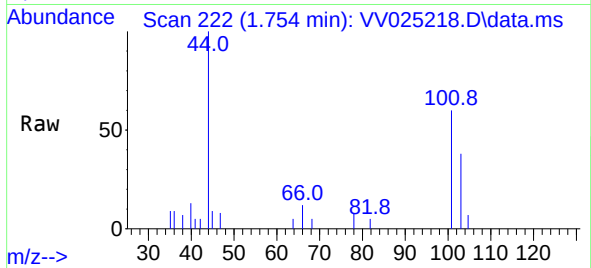




#9
Trichlorofluoromethane
Concen: 0.066 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025218.D
Acq: 26 Mar 2022 23:04

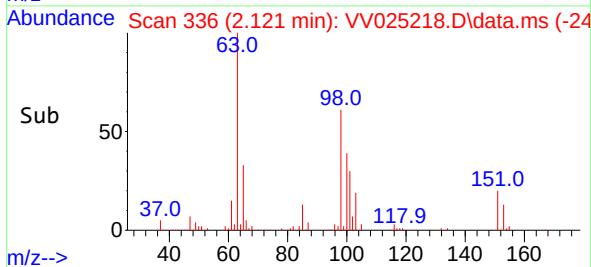
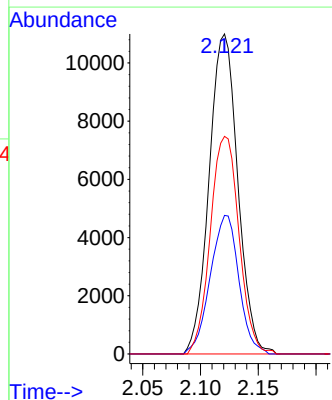
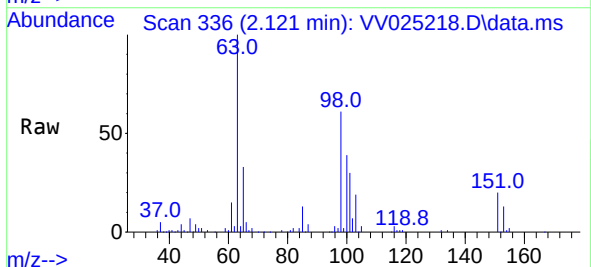
Instrument :
MSVOA_V
ClientSampleId :
C0AE1

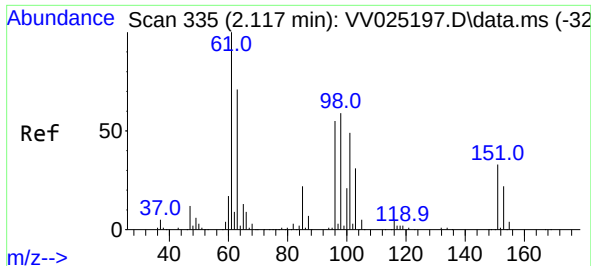
Tgt Ion:101 Resp: 1745
Ion Ratio Lower Upper
101 100
103 69.2 52.2 78.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.204 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV025218.D
Acq: 26 Mar 2022 23:04

Tgt Ion:101 Resp: 19019
Ion Ratio Lower Upper
101 100
85 43.1 36.0 54.0
151 68.1 54.6 81.8

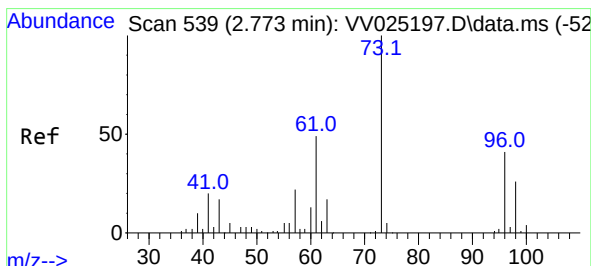
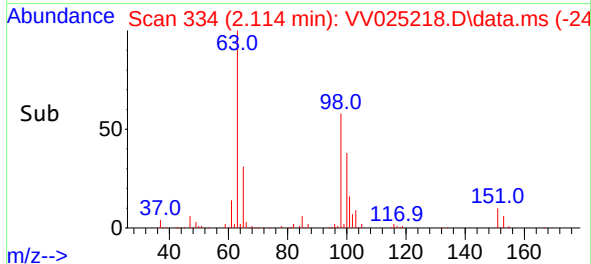
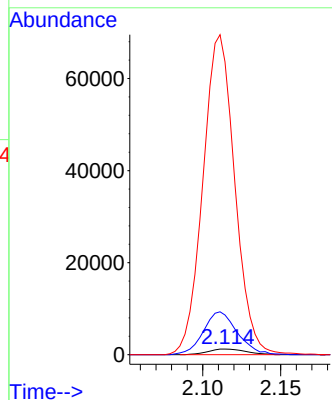
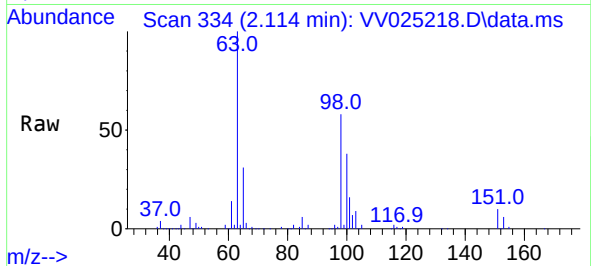




#12
1,1-Dichloroethene
Concen: 0.137 ug/L
RT: 2.114 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV025218.D
Acq: 26 Mar 2022 23:04

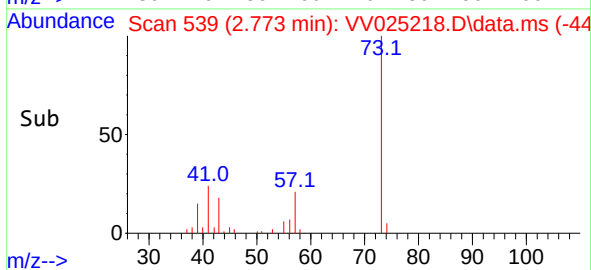
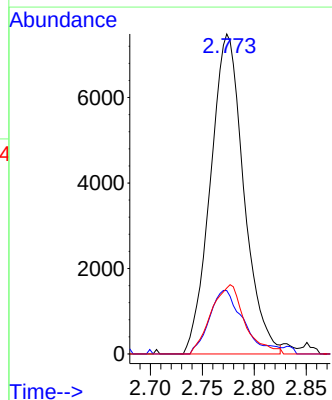
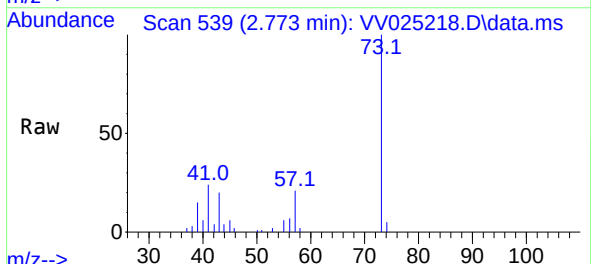
Instrument :
MSVOA_V
ClientSampleId :
C0AE1

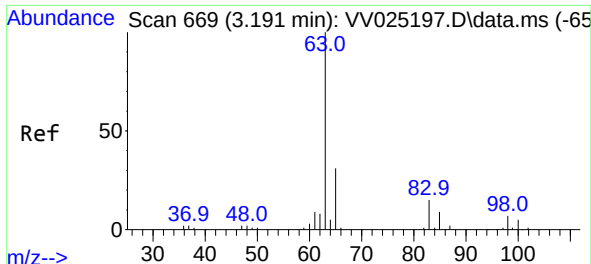
Tgt Ion: 96 Resp: 2061
Ion Ratio Lower Upper
96 100
61 701.6 121.5 225.7#
63 5177.5 77.9 144.7#



#17
Methyl tert-butyl Ether
Concen: 0.877 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.000 min
Lab File: VV025218.D
Acq: 26 Mar 2022 23:04

Tgt Ion: 73 Resp: 16700
Ion Ratio Lower Upper
73 100
43 20.5 13.5 20.3#
57 21.9 16.4 24.6

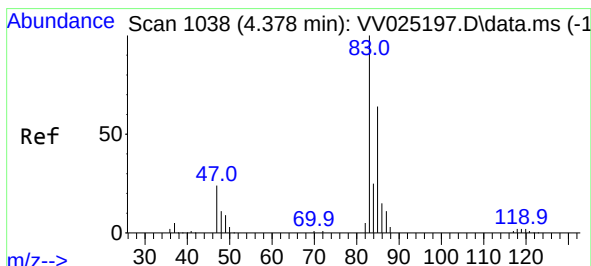
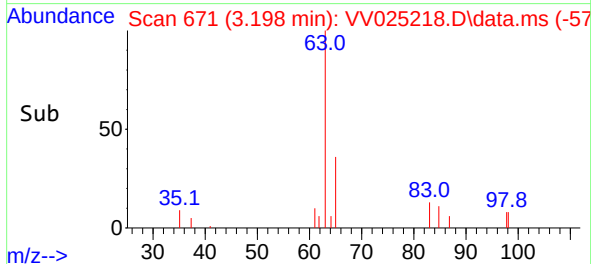
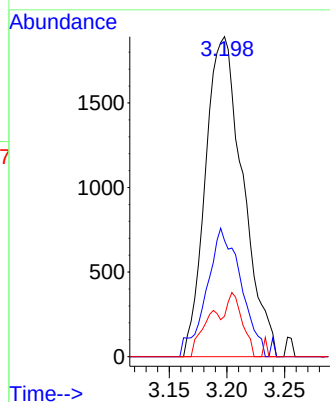
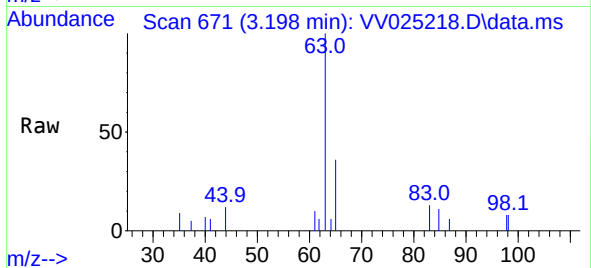




#19
1,1-Dichloroethane
Concen: 0.236 ug/L
RT: 3.198 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV025218.D
Acq: 26 Mar 2022 23:04

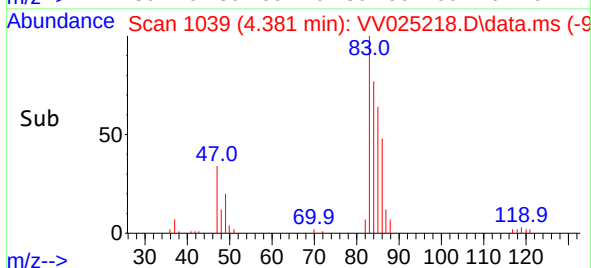
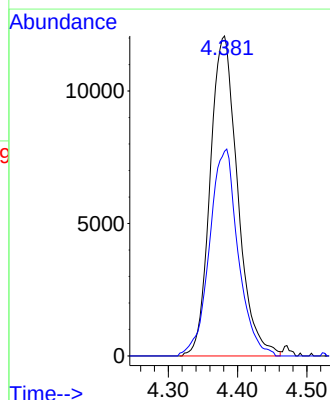
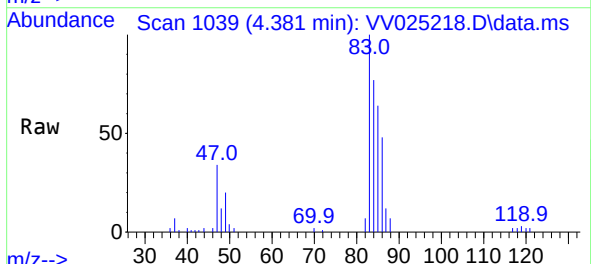
Instrument :
MSVOA_V
ClientSampleId :
C0AE1

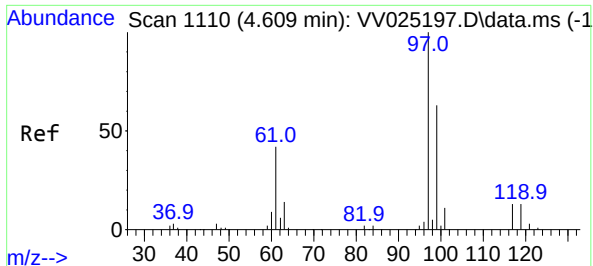
Tgt Ion: 63 Resp: 4263
Ion Ratio Lower Upper
63 100
65 36.3 22.0 40.8
83 12.6 10.2 19.0



#25
Chloroform
Concen: 1.663 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV025218.D
Acq: 26 Mar 2022 23:04

Tgt Ion: 83 Resp: 33270
Ion Ratio Lower Upper
83 100
85 64.0 44.7 82.9





#29

1,1,1-Trichloroethane

Concen: 1.278 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV025218.D

Acq: 26 Mar 2022 23:04

Instrument :

MSVOA_V

ClientSampleId :

C0AE1

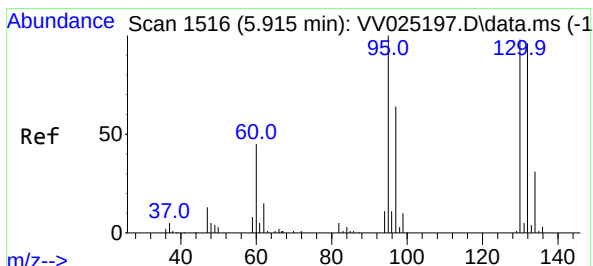
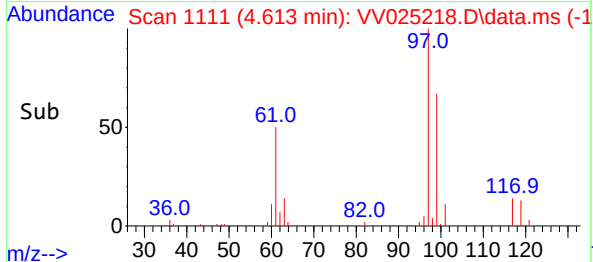
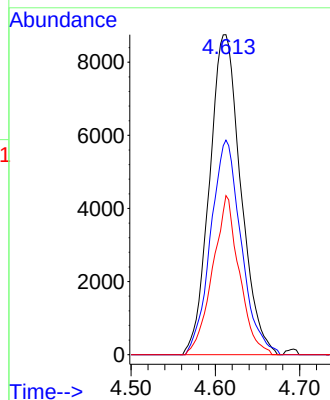
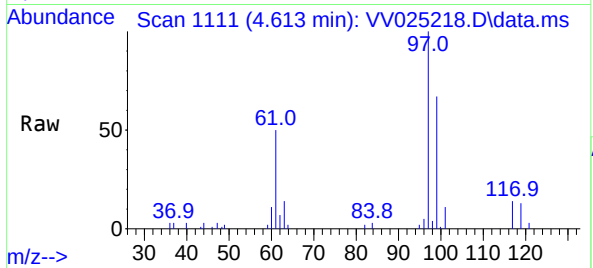
Tgt Ion: 97 Resp: 22583

Ion Ratio Lower Upper

97 100

99 65.4 51.9 77.9

61 42.3 34.2 51.2



#34

Trichloroethene

Concen: 2.715 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VV025218.D

Acq: 26 Mar 2022 23:04

Tgt Ion: 95 Resp: 31949

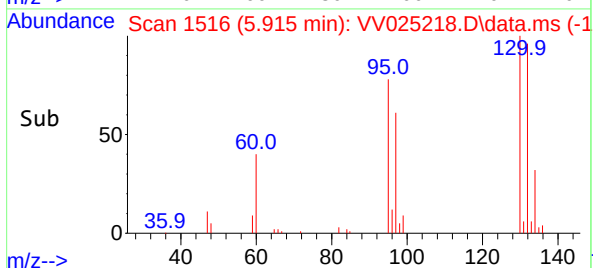
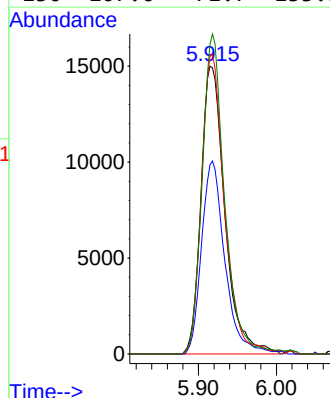
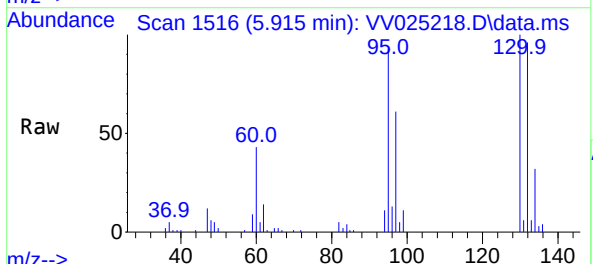
Ion Ratio Lower Upper

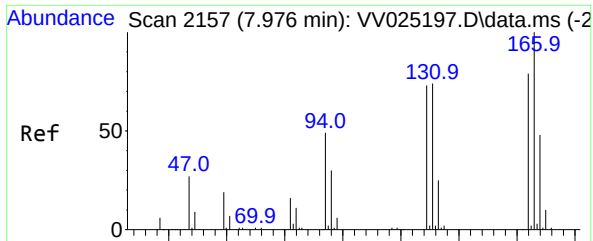
95 100

97 65.7 46.3 85.9

132 103.3 65.2 121.2

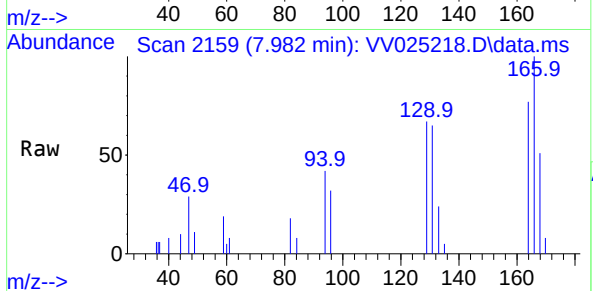
130 107.6 71.7 133.1





#47
Tetrachloroethene
Concen: 0.313 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.006 min
Lab File: VV025218.D
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Tgt Ion:164 Resp: 2719

Ion	Ratio	Lower	Upper
164	100		
129	86.8	67.5	125.4
131	83.5	68.0	126.4
166	129.1	86.2	160.2

