

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025207.D
 Acq On : 26 Mar 2022 18:46
 Operator : SY/MD
 Sample : N2097-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD0

Quant Time: Mar 28 02:03:06 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

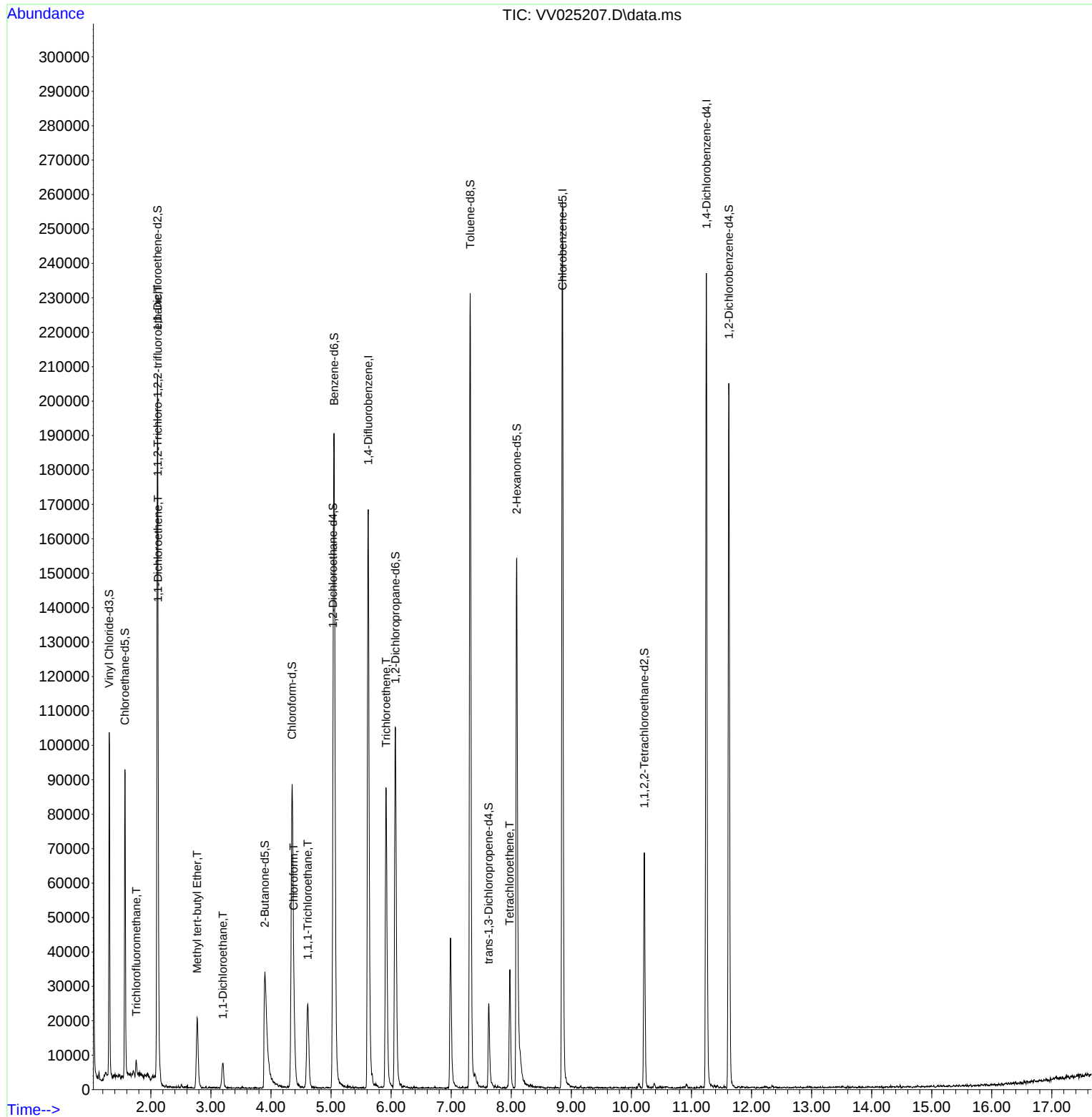
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	150190	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	144357	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61674	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62323	4.442	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.800%	
7) Chloroethane-d5	1.568	69	56024	4.758	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.200%	
11) 1,1-Dichloroethene-d2	2.111	63	95492	3.142	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	62.800%	
20) 2-Butanone-d5	3.899	46	65097	46.583	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.160%	
24) Chloroform-d	4.352	84	88311	4.824	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
26) 1,2-Dichloroethane-d4	5.034	65	40057	4.950	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.000%	
32) Benzene-d6	5.053	84	179481	4.914	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
36) 1,2-Dichloropropane-d6	6.072	67	51439	5.026	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.600%	
41) Toluene-d8	7.317	98	156012	4.657	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
43) trans-1,3-Dichloroprop...	7.622	79	14651	4.388	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.091	63	55982	46.423	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.840%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32140	4.709	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	50701	5.119	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.400%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.757	101	2650	0.099	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	9456	0.596	ug/L	97
12) 1,1-Dichloroethene	2.121	96	2698	0.178	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	20502	1.072	ug/L	98
19) 1,1-Dichloroethane	3.198	63	7441	0.411	ug/L	96
25) Chloroform	4.378	83	15970	0.794	ug/L	99
29) 1,1,1-Trichloroethane	4.612	97	19901	1.140	ug/L	99
34) Trichloroethene	5.918	95	30533	2.626	ug/L	99
47) Tetrachloroethene	7.976	164	7445	0.868	ug/L	89

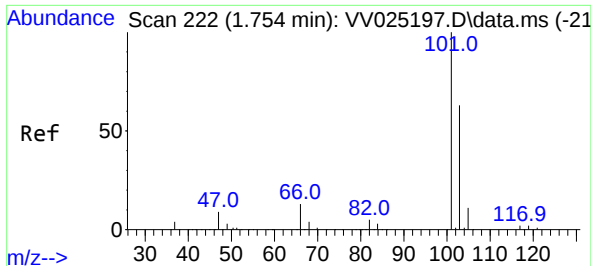
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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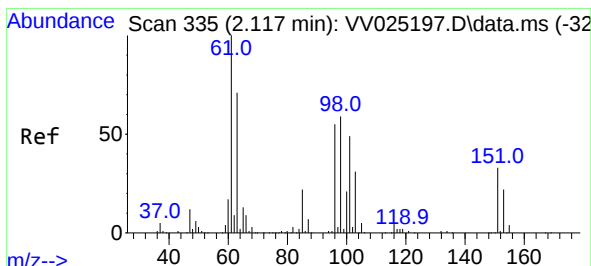
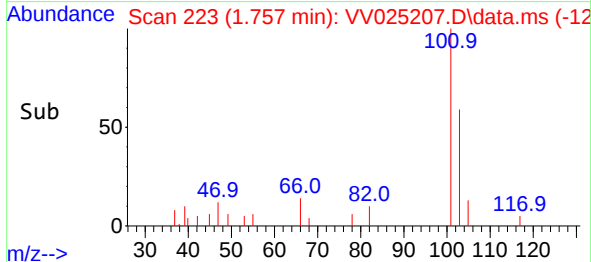
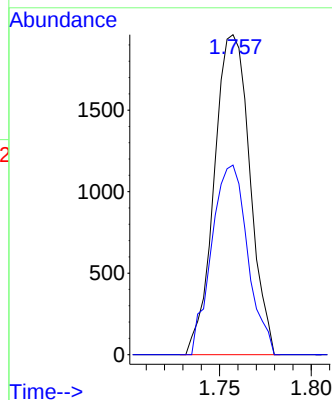
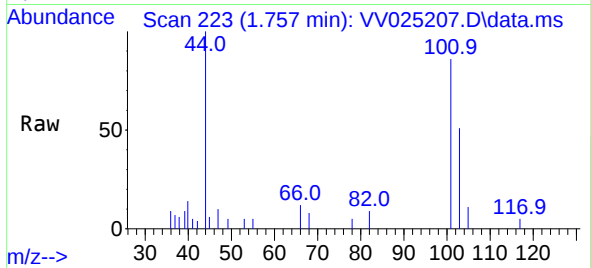




#9
Trichlorofluoromethane
Concen: 0.099 ug/L
RT: 1.757 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025207.D
Acq: 26 Mar 2022 18:46

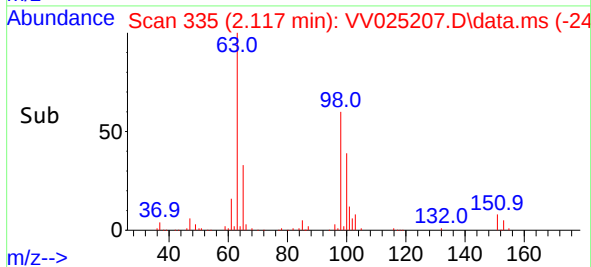
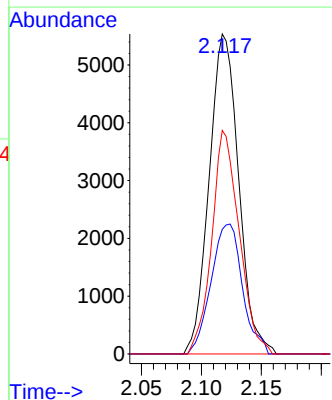
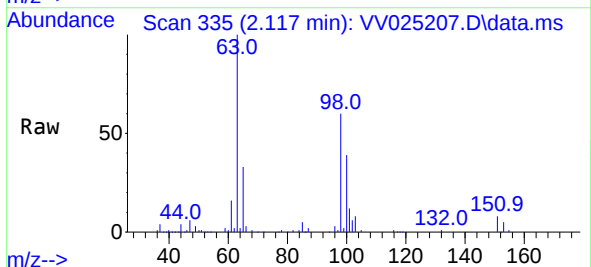
Instrument :
MSVOA_V
ClientSampleId :
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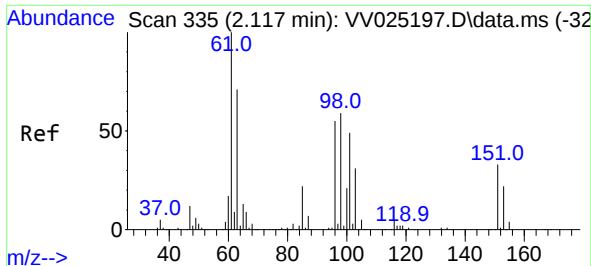
Tgt Ion:101 Resp: 2650
Ion Ratio Lower Upper
101 100
103 59.7 52.2 78.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.596 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV025207.D
Acq: 26 Mar 2022 18:46

Tgt Ion:101 Resp: 9456
Ion Ratio Lower Upper
101 100
85 43.2 36.0 54.0
151 65.2 54.6 81.8

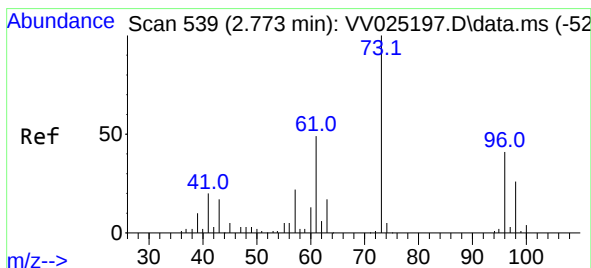
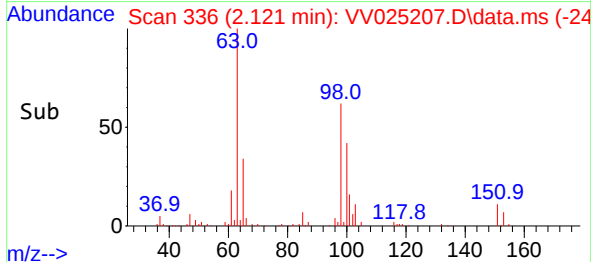
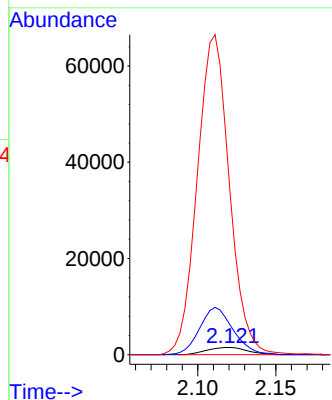
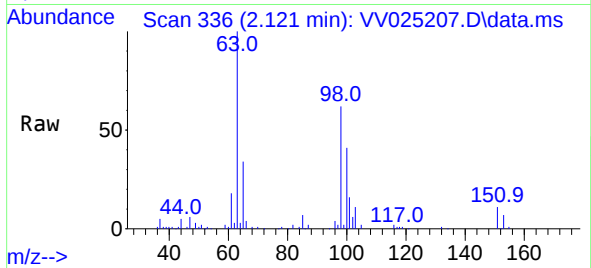




#12
1,1-Dichloroethene
Concen: 0.178 ug/L
RT: 2.121 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV025207.D
Acq: 26 Mar 2022 18:46

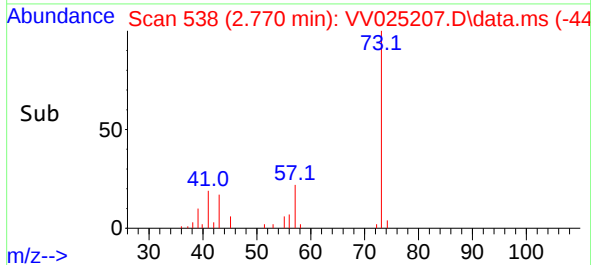
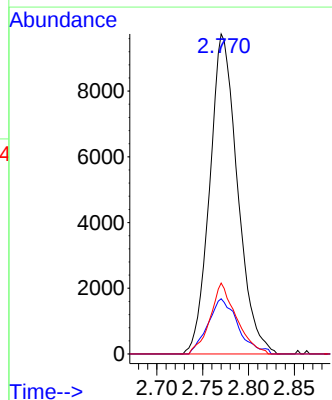
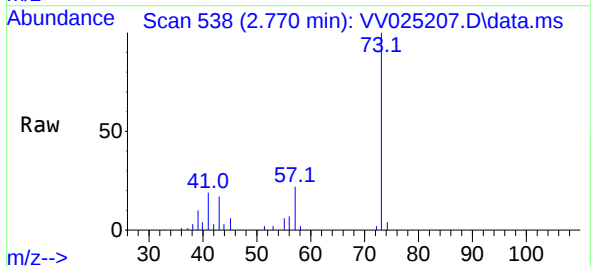
Instrument :
MSVOA_V
ClientSampleId :
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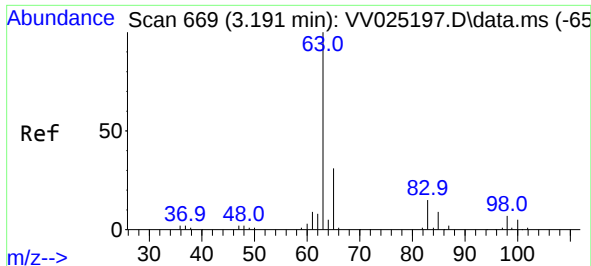
Tgt Ion: 96 Resp: 2698
Ion Ratio Lower Upper
96 100
61 411.2 121.5 225.7#
63 2242.2 77.9 144.7#



#17
Methyl tert-butyl Ether
Concen: 1.072 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.003 min
Lab File: VV025207.D
Acq: 26 Mar 2022 18:46

Tgt Ion: 73 Resp: 20502
Ion Ratio Lower Upper
73 100
43 18.7 13.5 20.3
57 20.9 16.4 24.6

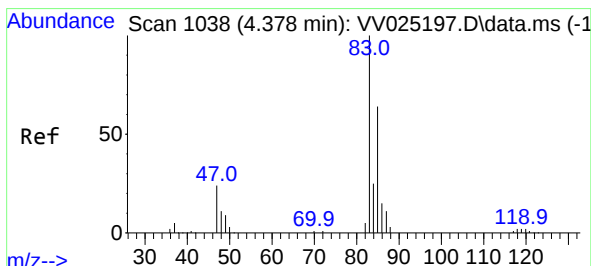
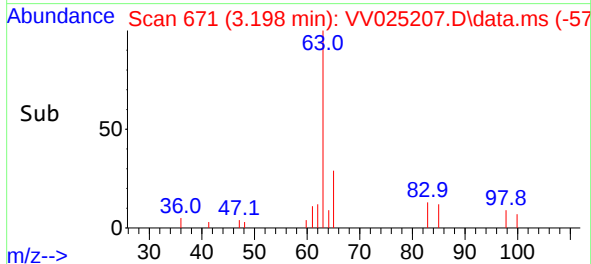
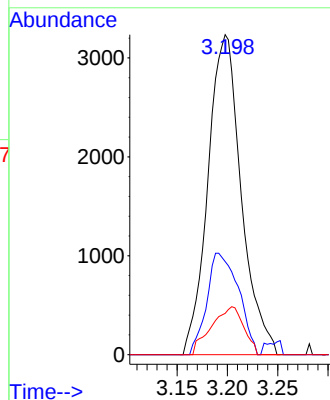
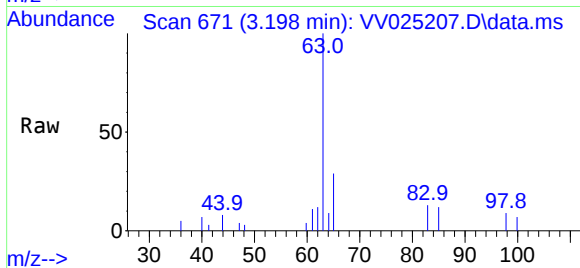




#19
1,1-Dichloroethane
Concen: 0.411 ug/L
RT: 3.198 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV025207.D
Acq: 26 Mar 2022 18:46

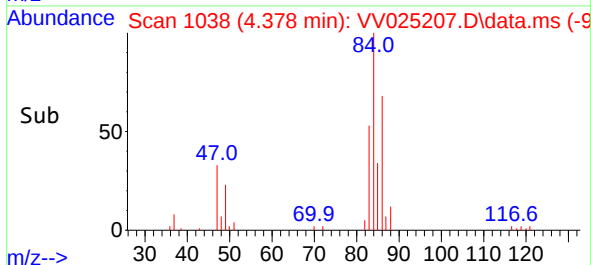
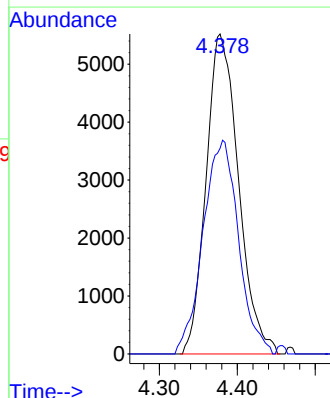
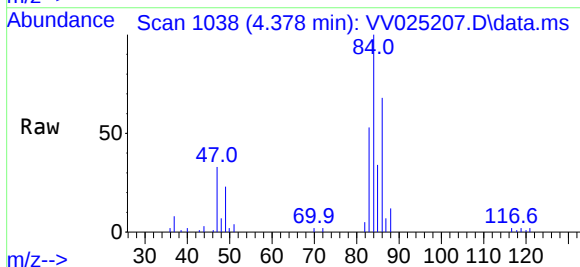
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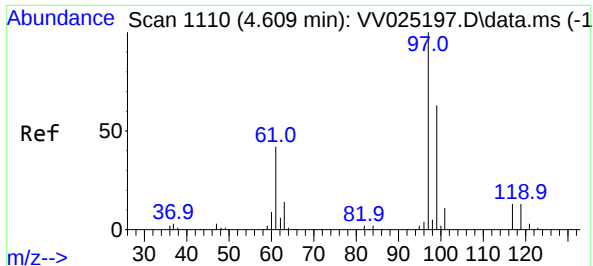
Tgt Ion:	63	Resp:	7441
Ion	Ratio	Lower	Upper
63	100		
65	29.1	22.0	40.8
83	12.9	10.2	19.0



#25
Chloroform
Concen: 0.794 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV025207.D
Acq: 26 Mar 2022 18:46

Tgt Ion:	83	Resp:	15970
Ion	Ratio	Lower	Upper
83	100		
85	64.3	44.7	82.9





#29

1,1,1-Trichloroethane

Concen: 1.140 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV025207.D

Acq: 26 Mar 2022 18:46

Instrument :

MSVOA_V

ClientSampleId :

C0AD0

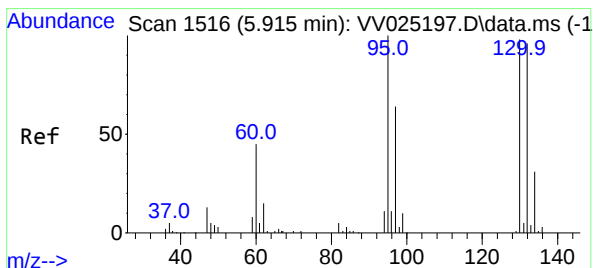
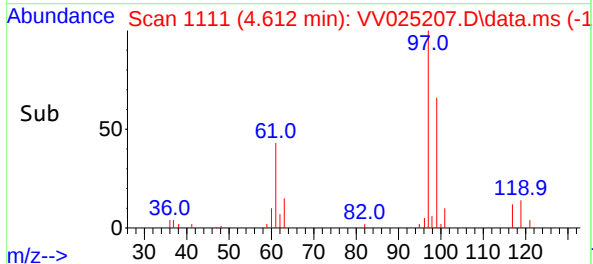
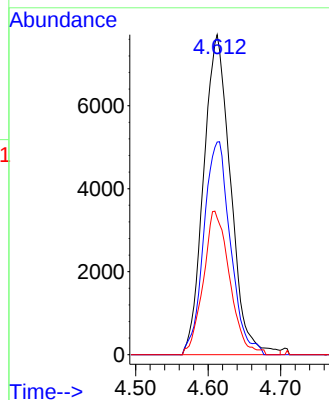
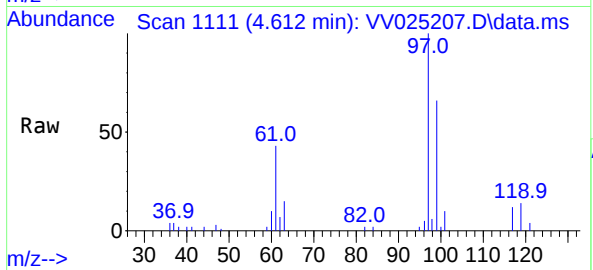
Tgt Ion: 97 Resp: 19901

Ion Ratio Lower Upper

97 100

99 66.0 51.9 77.9

61 43.7 34.2 51.2



#34

Trichloroethene

Concen: 2.626 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV025207.D

Acq: 26 Mar 2022 18:46

Tgt Ion: 95 Resp: 30533

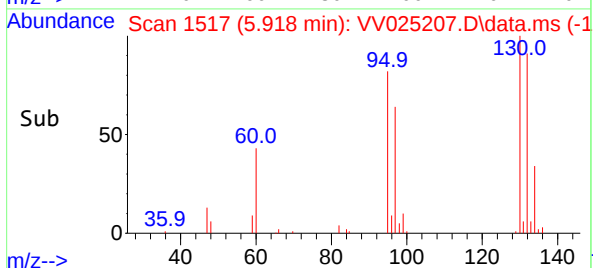
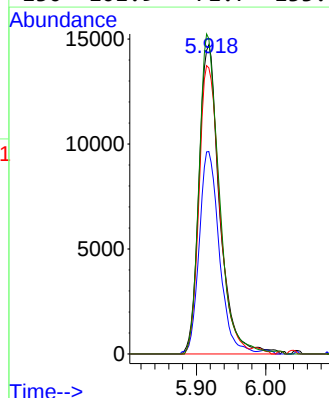
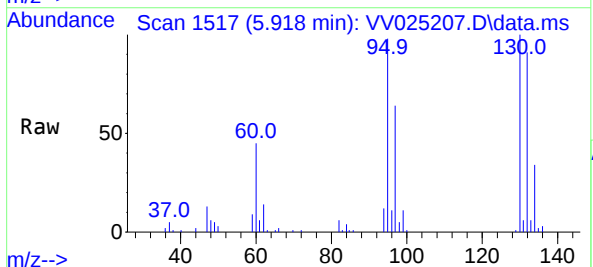
Ion Ratio Lower Upper

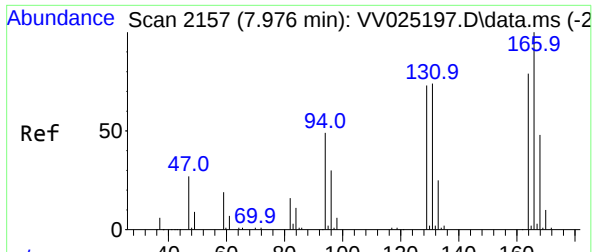
95 100

97 65.5 46.3 85.9

132 92.5 65.2 121.2

130 101.9 71.7 133.1





#47
Tetrachloroethene
Concen: 0.868 ug/L
RT: 7.976 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025207.D
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Tgt Ion:164 Resp: 7445

Ion	Ratio	Lower	Upper
164	100		
129	111.1	67.5	125.4
131	102.6	68.0	126.4
166	136.1	86.2	160.2

