

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021822\
 Data File : VU047216.D
 Acq On : 17 Feb 2022 19:58
 Operator : SY/MD
 Sample : N1545-05DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY02DL

Quant Time: Feb 18 03:35:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 03:32:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

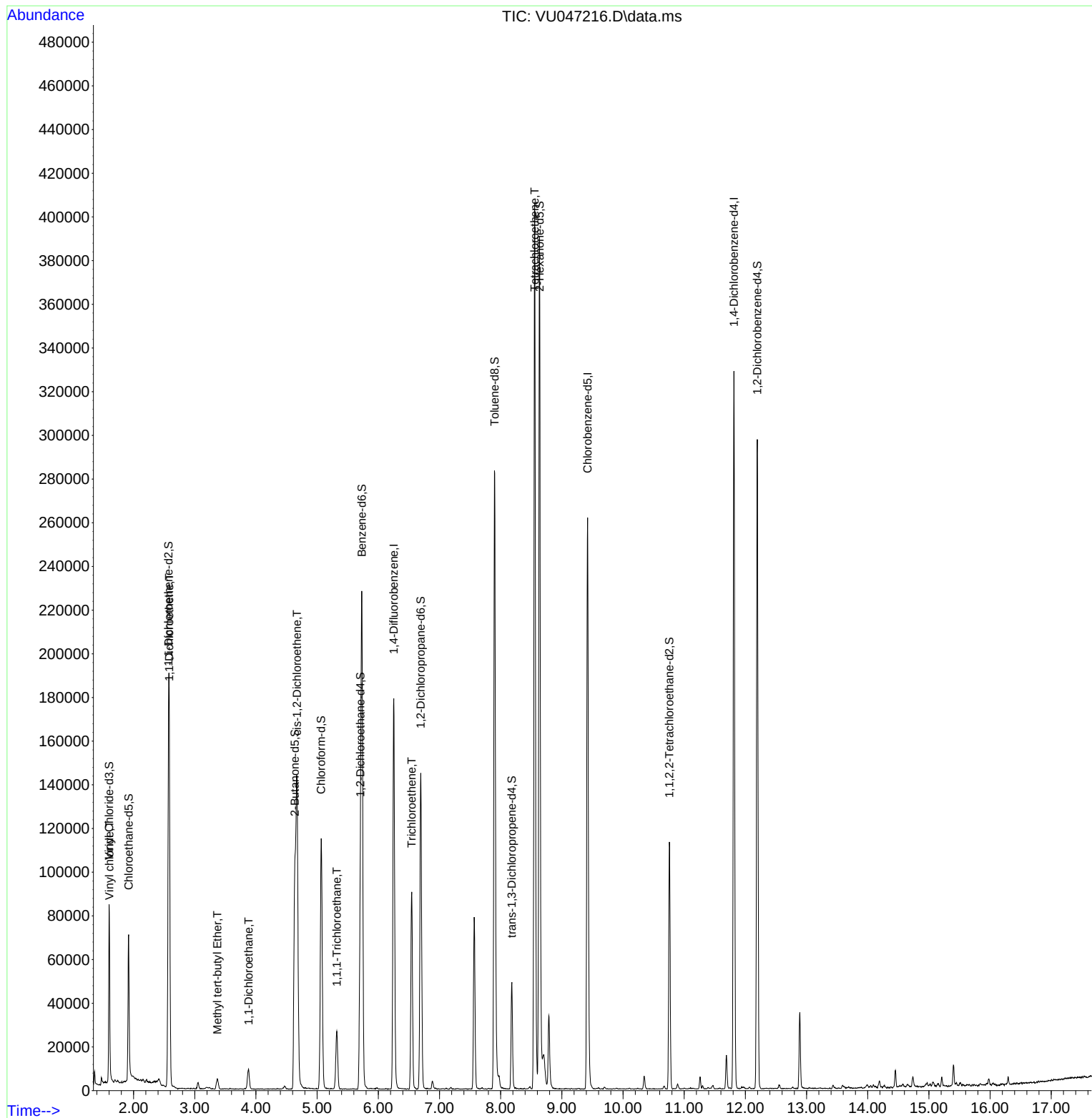
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	154973	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	158303	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	89899	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	56958	4.352	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.919	69	51766	4.990	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.572	65	23067	4.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.636	46	163772	52.350	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.700%
24) Chloroform-d	5.067	84	104762	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.707	65	56623	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.732	84	213402	4.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.694	67	68934	4.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.899	98	204393	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.182	79	26825	4.205	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.636	63	140328	41.772	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.540%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	55200	4.315	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	79230	4.912	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
5) Vinyl chloride	1.607	62	2303	0.160	ug/L #	53
12) 1,1-Dichloroethene	2.584	96	37041	3.632	ug/L	94
17) Methyl tert-butyl Ether	3.369	73	4849	0.174	ug/L #	92
19) 1,1-Dichloroethane	3.880	63	10989	0.570	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	65060	5.424	ug/L	95
29) 1,1,1-Trichloroethane	5.321	97	19071	1.113	ug/L	99
34) Trichloroethene	6.546	95	30389	2.533	ug/L	97
47) Tetrachloroethene	8.555	164	95001	9.757	ug/L	92

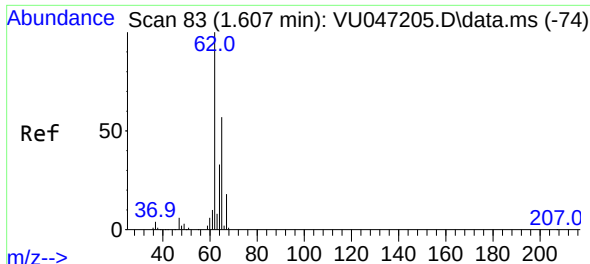
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

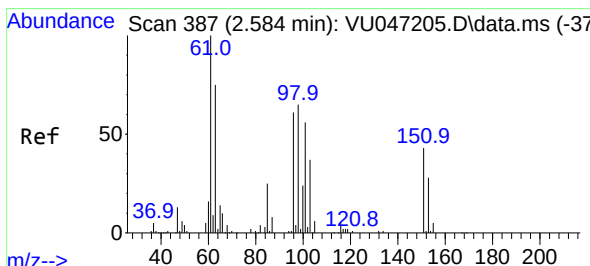
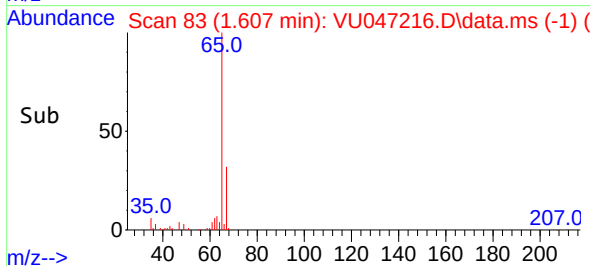
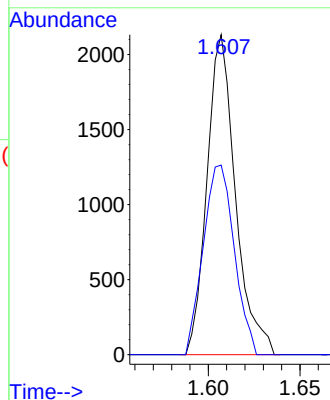
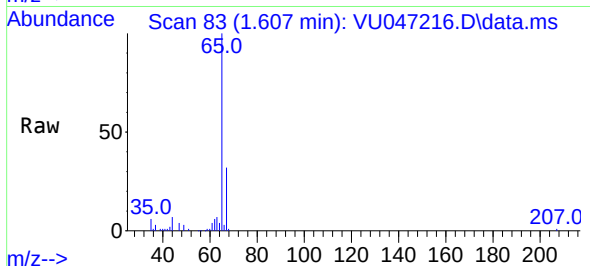




#5
 Vinyl chloride
 Concen: 0.160 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047216.D
 Acq: 17 Feb 2022 19:58

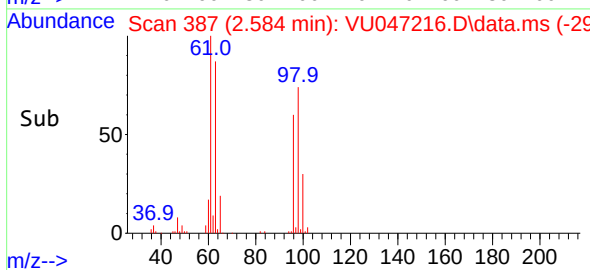
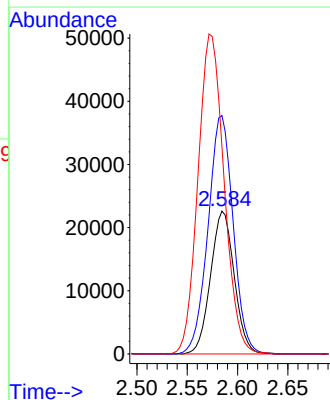
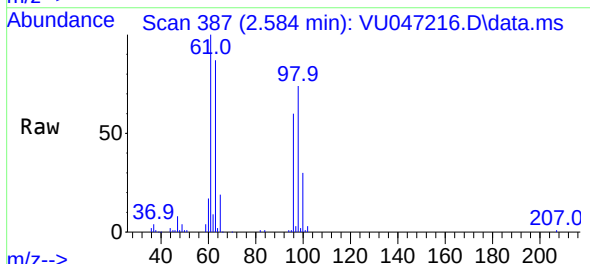
Instrument :
 MSVOA_U
 ClientSampleId :
 BFY02DL

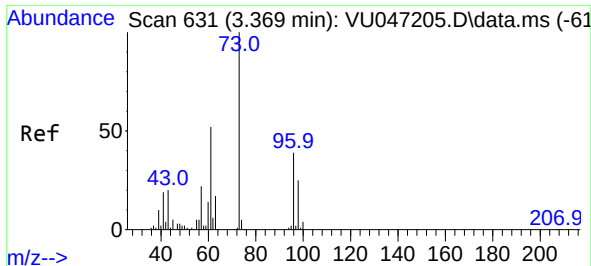
Tgt Ion: 62 Resp: 2303
 Ion Ratio Lower Upper
 62 100
 64 59.2 22.9 42.5#



#12
 1,1-Dichloroethene
 Concen: 3.632 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU047216.D
 Acq: 17 Feb 2022 19:58

Tgt Ion: 96 Resp: 37041
 Ion Ratio Lower Upper
 96 100
 61 166.9 124.7 231.5
 63 145.0 105.2 195.4

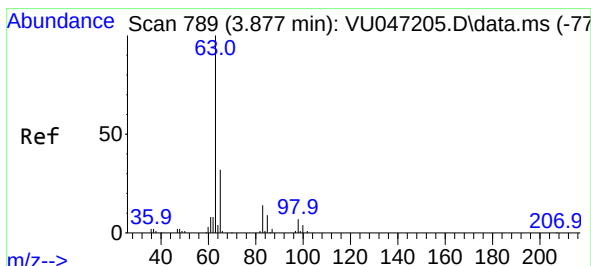
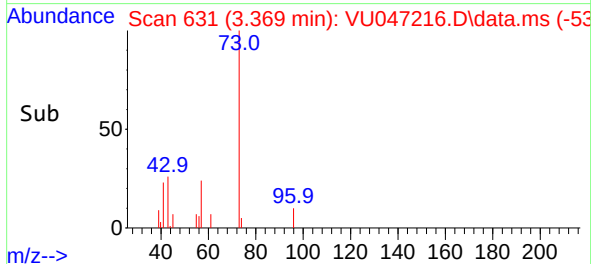
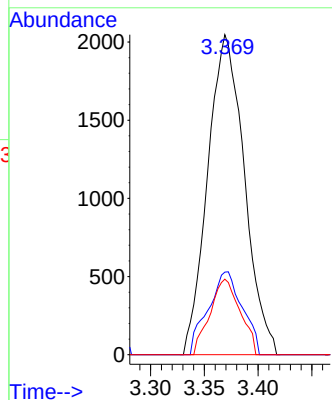
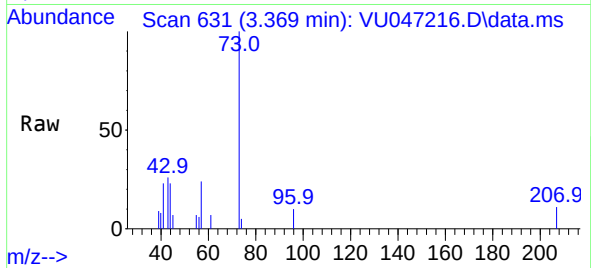




#17
Methyl tert-butyl Ether
Concen: 0.174 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047216.D
Acq: 17 Feb 2022 19:58

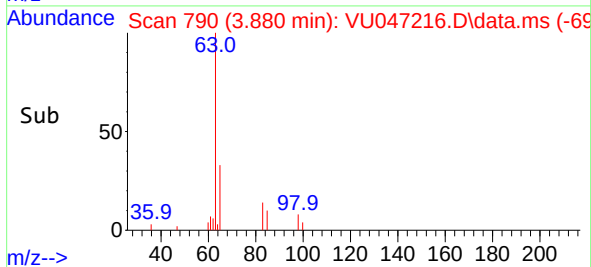
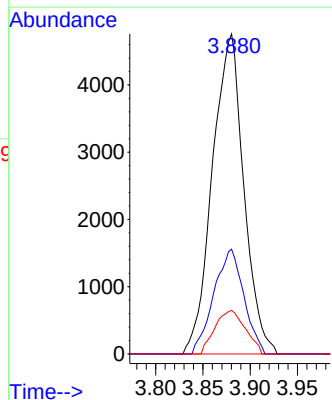
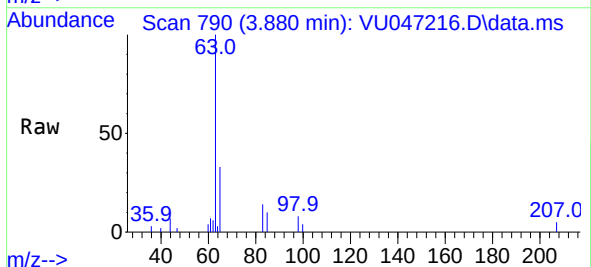
Instrument :
MSVOA_U
ClientSampleId :
BFY02DL

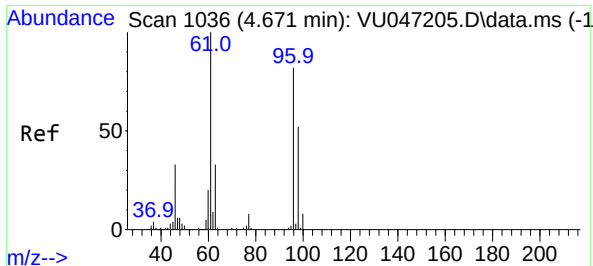
Tgt Ion: 73 Resp: 4849
Ion Ratio Lower Upper
73 100
43 24.3 14.8 22.2#
57 19.5 17.4 26.0



#19
1,1-Dichloroethane
Concen: 0.570 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU047216.D
Acq: 17 Feb 2022 19:58

Tgt Ion: 63 Resp: 10989
Ion Ratio Lower Upper
63 100
65 32.7 22.3 41.5
83 13.6 9.6 17.8



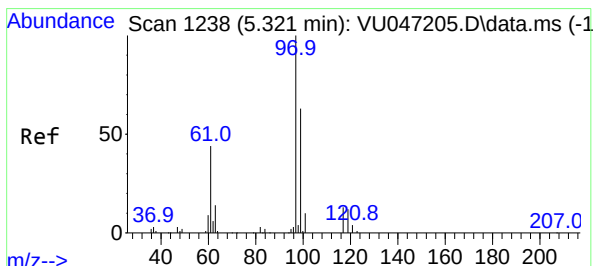
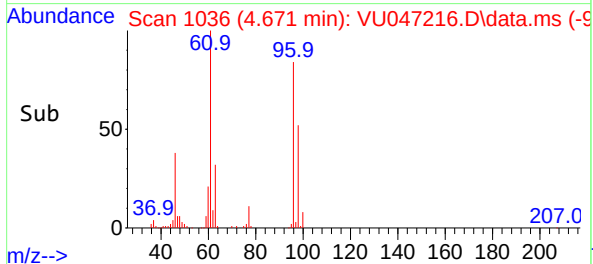
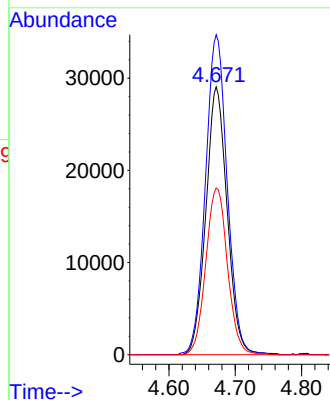
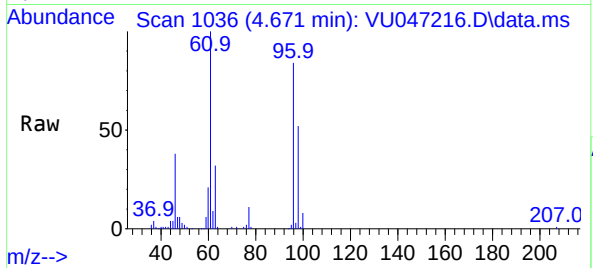


#22
 cis-1,2-Dichloroethene
 Concen: 5.424 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047216.D
 Acq: 17 Feb 2022 19:58

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY02DL

Tgt Ion: 96 Resp: 65060

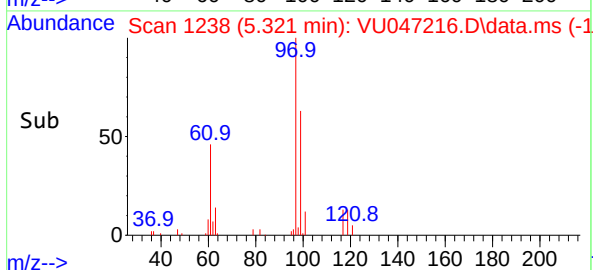
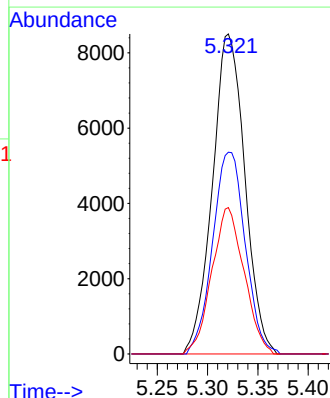
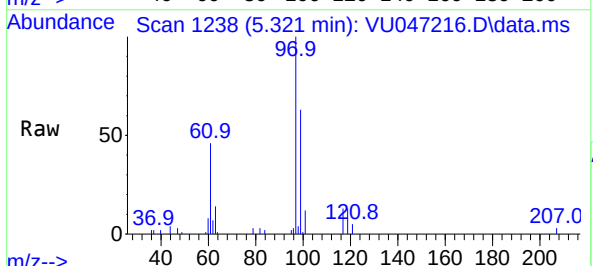
Ion	Ratio	Lower	Upper
96	100		
61	119.5	88.5	164.3
98	62.2	44.4	82.5

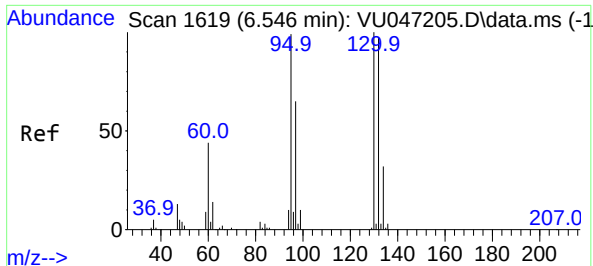


#29
 1,1,1-Trichloroethane
 Concen: 1.113 ug/L
 RT: 5.321 min Scan# 1238
 Delta R.T. 0.000 min
 Lab File: VU047216.D
 Acq: 17 Feb 2022 19:58

Tgt Ion: 97 Resp: 19071

Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.3	76.9
61	45.6	36.1	54.1

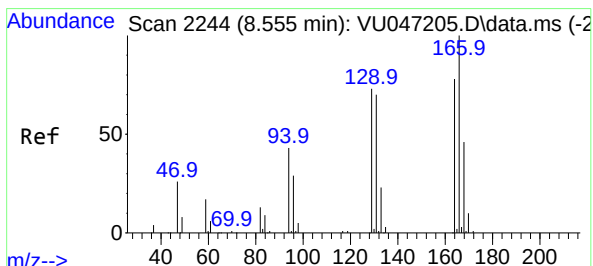
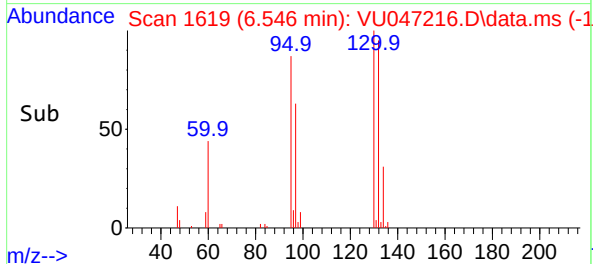
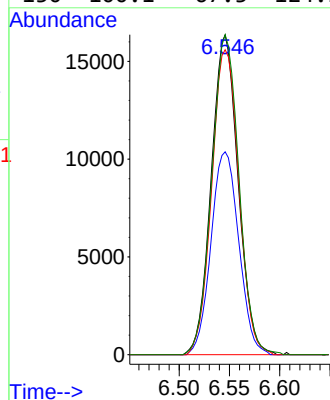
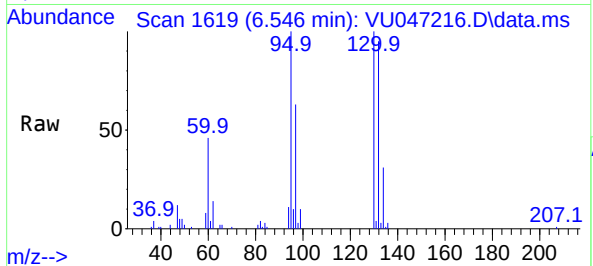




#34
Trichloroethene
Concen: 2.533 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU047216.D
Acq: 17 Feb 2022 19:58

Instrument :
MSVOA_U
ClientSampleId :
BFY02DL

Tgt Ion: 95 Resp: 30389
Ion Ratio Lower Upper
95 100
97 63.5 46.5 86.5
132 95.4 65.1 120.9
130 100.1 67.3 124.9



#47
Tetrachloroethene
Concen: 9.757 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047216.D
Acq: 17 Feb 2022 19:58

Tgt Ion:164 Resp: 95001
Ion Ratio Lower Upper
164 100
129 92.8 71.8 133.4
131 89.2 68.5 127.3
166 126.7 94.1 174.8

