

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047415.D
 Acq On : 09 Mar 2022 19:32
 Operator : SY/MD
 Sample : N1840-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY24

Quant Time: Mar 10 01:07:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:51:00 2022
 Response via : Initial Calibration

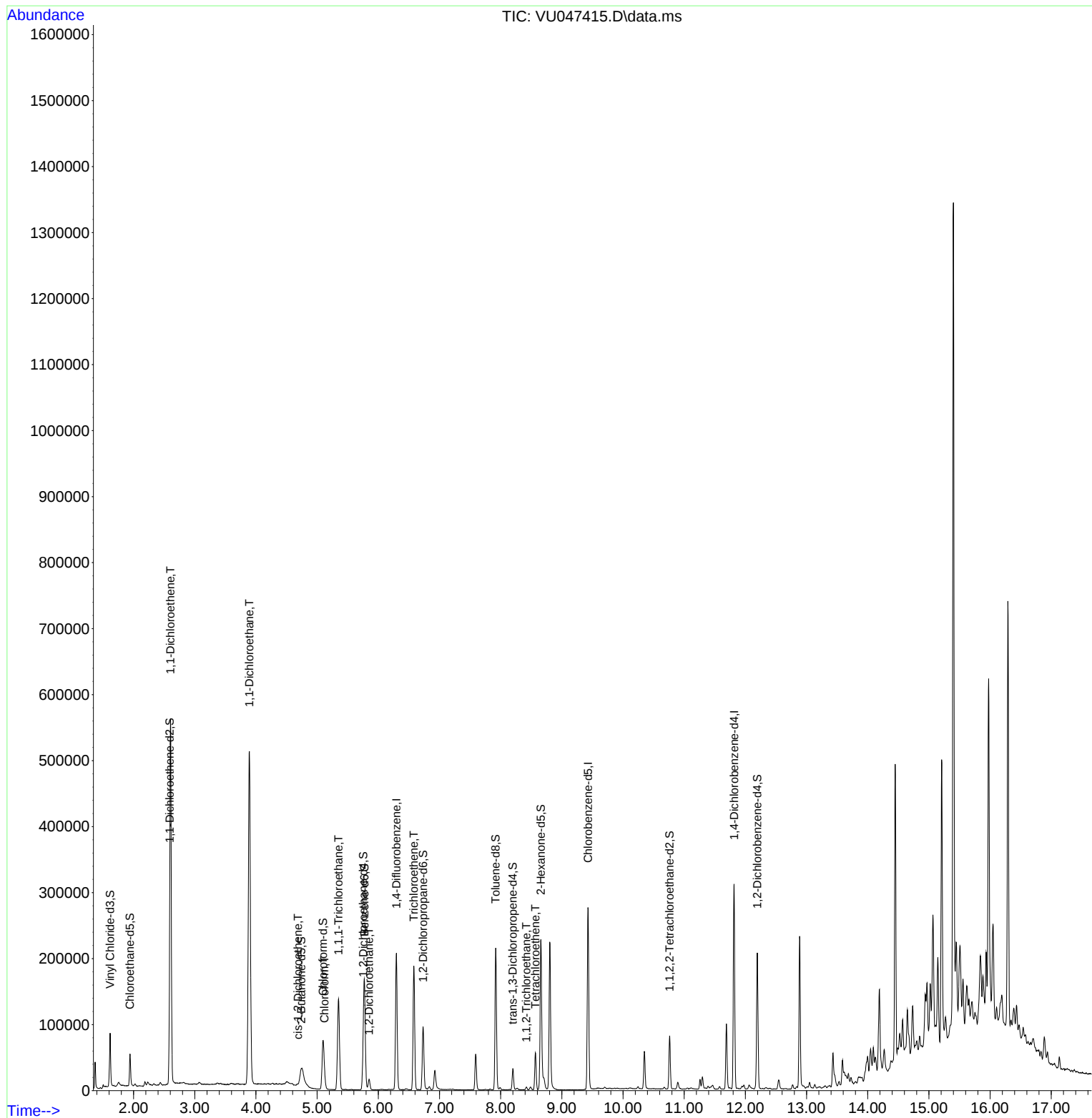
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.295	114	172206	5.000	ug/L	0.04
28) Chlorobenzene-d5	9.427	117	161733	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	86461	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.617	65	48681	5.212	ug/L	0.01
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.200%		
7) Chloroethane-d5	1.941	69	36197	5.279	ug/L	0.02
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.600%		
11) 1,1-Dichloroethene-d2	2.591	65	22591	5.476	ug/L	0.02
Spiked Amount	5.000	Range 60 - 125	Recovery	= 109.600%		
20) 2-Butanone-d5	4.742	46	97223	58.468	ug/L	0.10
Spiked Amount	50.000	Range 40 - 130	Recovery	= 116.940%		
24) Chloroform-d	5.096	84	70662	4.749	ug/L	0.03
Spiked Amount	5.000	Range 70 - 125	Recovery	= 95.000%		
26) 1,2-Dichloroethane-d4	5.755	65	36512	4.846	ug/L	0.05
Spiked Amount	5.000	Range 70 - 130	Recovery	= 97.000%		
32) Benzene-d6	5.774	84	152558	5.015	ug/L	0.04
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.200%		
36) 1,2-Dichloropropane-d6	6.732	67	45403	5.045	ug/L	0.04
Spiked Amount	5.000	Range 60 - 140	Recovery	= 100.800%		
41) Toluene-d8	7.919	98	146709	4.906	ug/L	0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	= 98.200%		
43) trans-1,3-Dichloroprop...	8.198	79	18243	4.774	ug/L	0.02
Spiked Amount	5.000	Range 55 - 130	Recovery	= 95.400%		
46) 2-Hexanone-d5	8.658	63	90784	53.933	ug/L	0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	= 107.860%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	39676	5.059	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 101.200%		
66) 1,2-Dichlorobenzene-d4	12.195	152	56640	5.167	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 103.400%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.604	96	160308	15.855	ug/L	87
19) 1,1-Dichloroethane	3.893	63	588005	31.939	ug/L	98
22) cis-1,2-Dichloroethene	4.684	96	935	0.078	ug/L	89
25) Chloroform	5.121	83	12223	0.613	ug/L	97
27) 1,2-Dichloroethane	5.848	62	13871	1.081	ug/L	99
29) 1,1,1-Trichloroethane	5.350	97	102828	6.154	ug/L	99
34) Trichloroethene	6.581	95	61234	5.244	ug/L	97
45) 1,1,2-Trichloroethane	8.420	97	1396	0.157	ug/L #	84
47) Tetrachloroethene	8.568	164	12459	1.258	ug/L	96

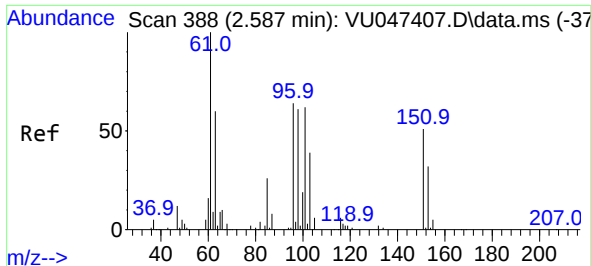
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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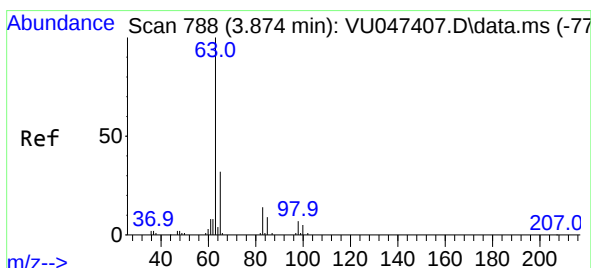
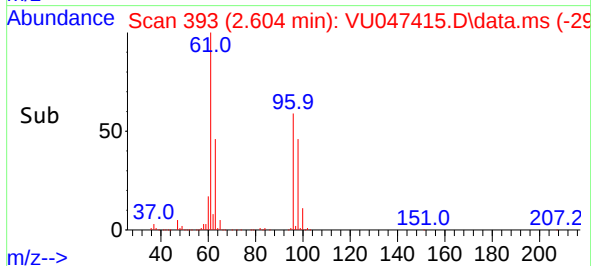
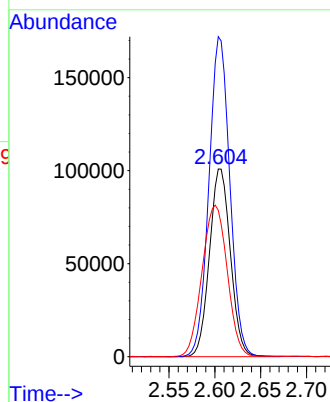
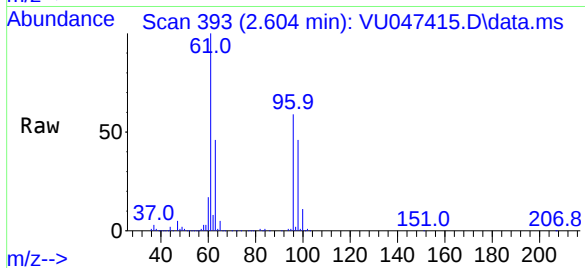




#12
1,1-Dichloroethene
Concen: 15.855 ug/L
RT: 2.604 min Scan# 393
Delta R.T. 0.016 min
Lab File: VU047415.D
Acq: 09 Mar 2022 19:32

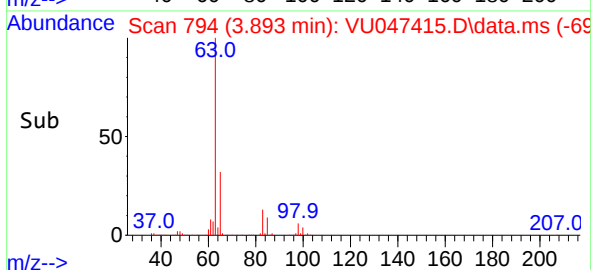
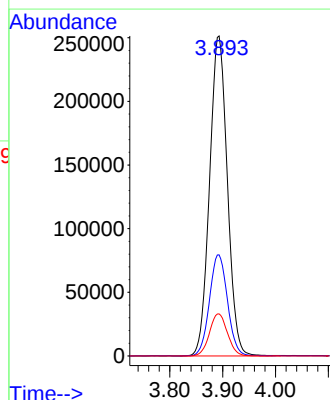
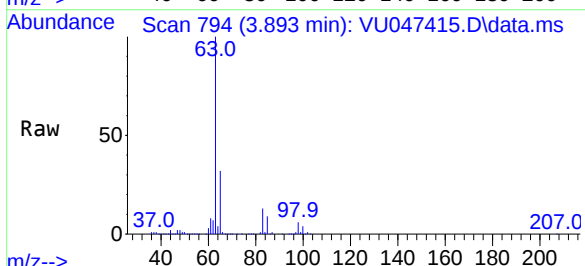
Instrument :
MSVOA_U
ClientSampleId :
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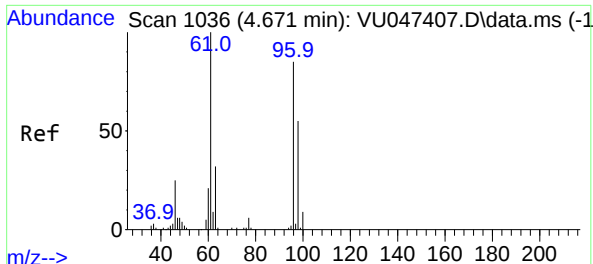
Tgt Ion: 96 Resp: 160308
Ion Ratio Lower Upper
96 100
61 170.5 108.8 202.0
63 78.0 64.0 119.0



#19
1,1-Dichloroethane
Concen: 31.939 ug/L
RT: 3.893 min Scan# 794
Delta R.T. 0.019 min
Lab File: VU047415.D
Acq: 09 Mar 2022 19:32

Tgt Ion: 63 Resp: 588005
Ion Ratio Lower Upper
63 100
65 31.6 22.8 42.4
83 13.1 9.9 18.3

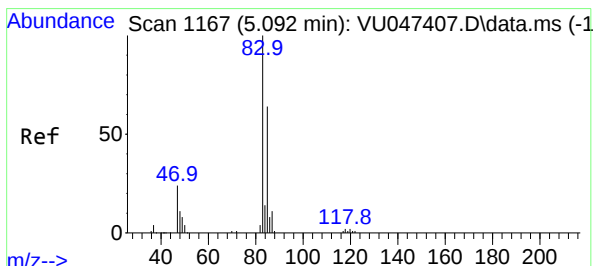
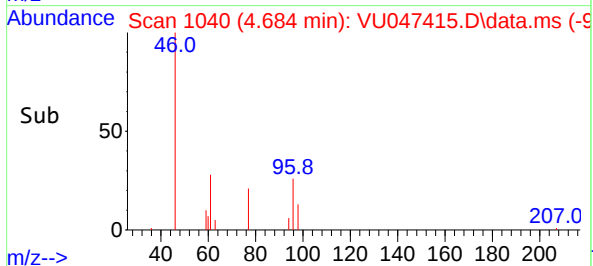
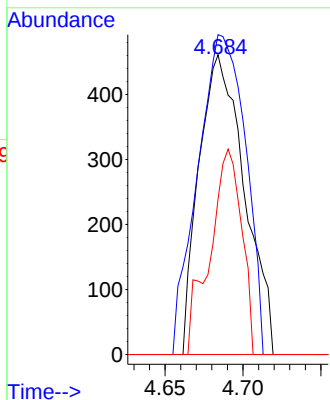
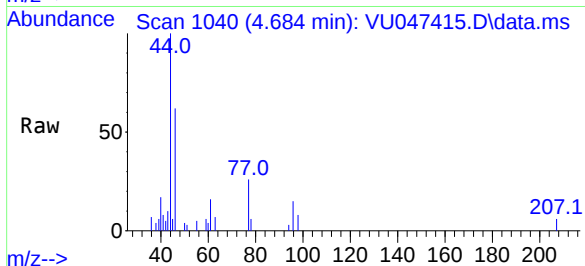




#22
cis-1,2-Dichloroethene
Concen: 0.078 ug/L
RT: 4.684 min Scan# 1036
Delta R.T. 0.013 min
Lab File: VU047415.D
Acq: 09 Mar 2022 19:32

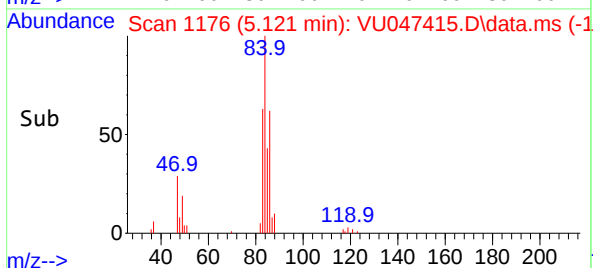
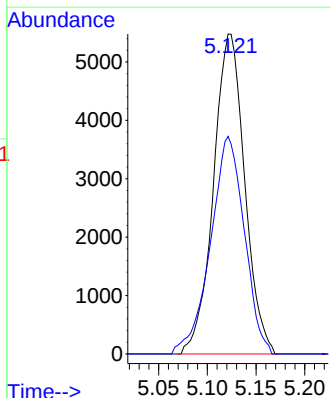
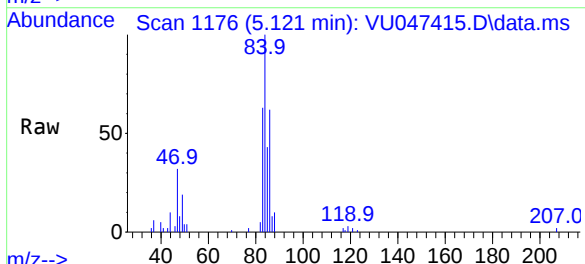
Instrument :
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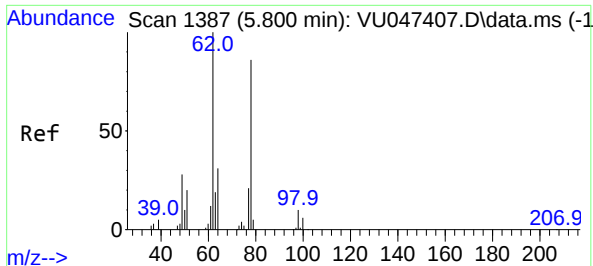
Tgt Ion:	96	Resp:	935
Ion	Ratio	Lower	Upper
96	100		
61	106.7	80.8	150.0
98	51.8	44.7	83.1



#25
Chloroform
Concen: 0.613 ug/L
RT: 5.121 min Scan# 1176
Delta R.T. 0.029 min
Lab File: VU047415.D
Acq: 09 Mar 2022 19:32

Tgt Ion:	83	Resp:	12223
Ion	Ratio	Lower	Upper
83	100		
85	68.0	46.2	85.8

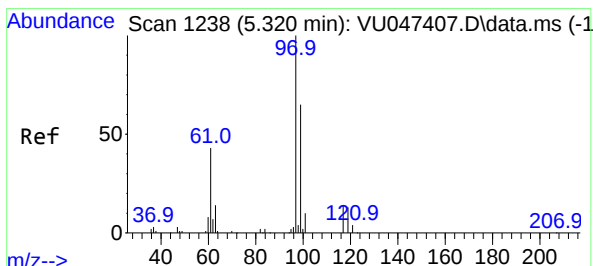
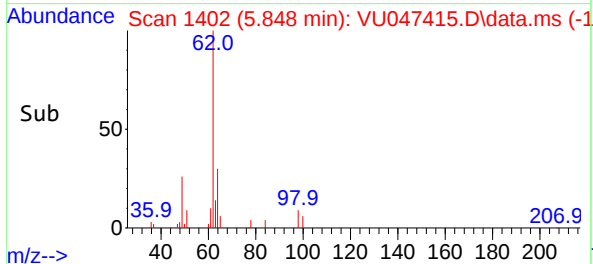
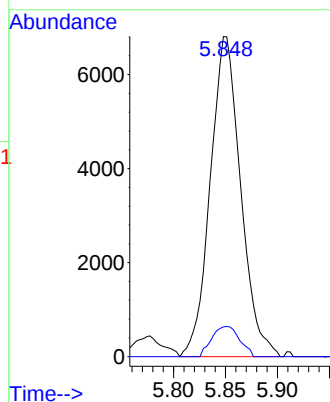
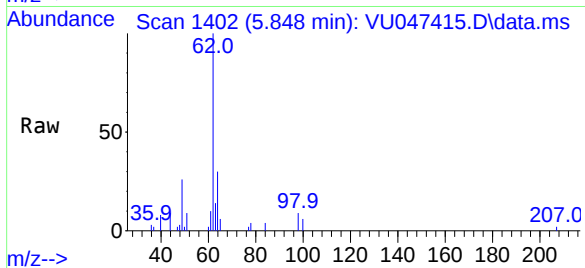




#27
1,2-Dichloroethane
Concen: 1.081 ug/L
RT: 5.848 min Scan# 1402
Delta R.T. 0.048 min
Lab File: VU047415.D
Acq: 09 Mar 2022 19:32

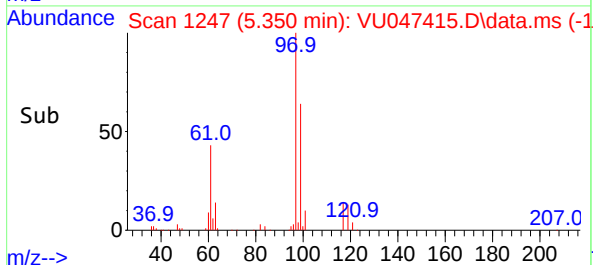
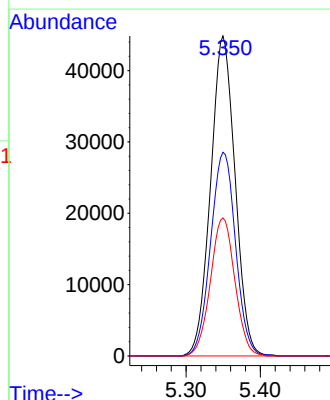
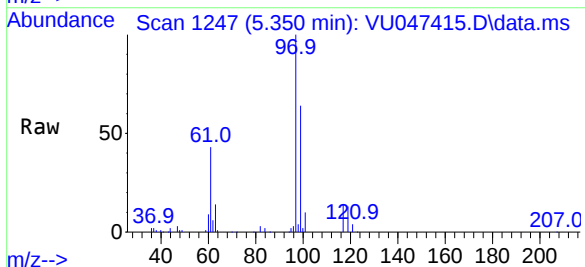
Instrument :
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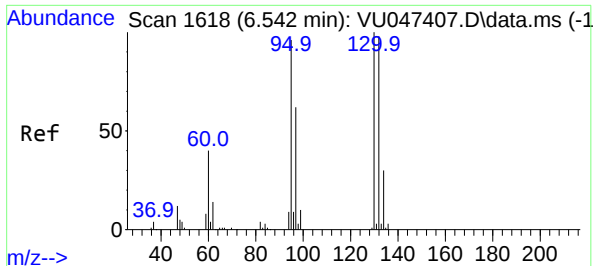
Tgt Ion: 62 Resp: 13871
Ion Ratio Lower Upper
62 100
98 9.3 7.8 11.8



#29
1,1,1-Trichloroethane
Concen: 6.154 ug/L
RT: 5.350 min Scan# 1247
Delta R.T. 0.029 min
Lab File: VU047415.D
Acq: 09 Mar 2022 19:32

Tgt Ion: 97 Resp: 102828
Ion Ratio Lower Upper
97 100
99 65.0 52.1 78.1
61 43.1 33.8 50.6



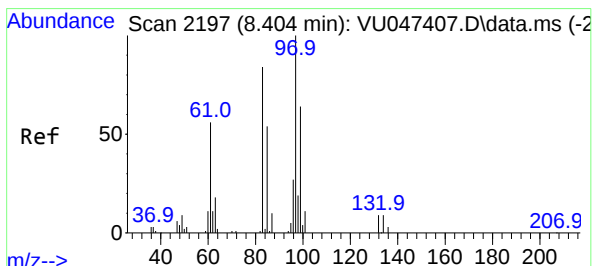
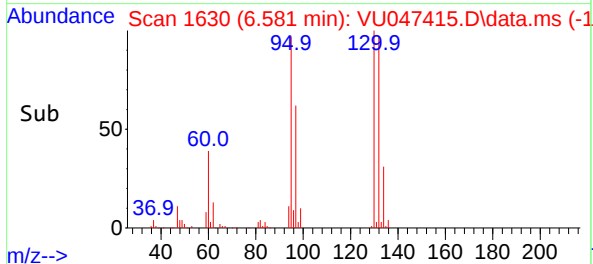
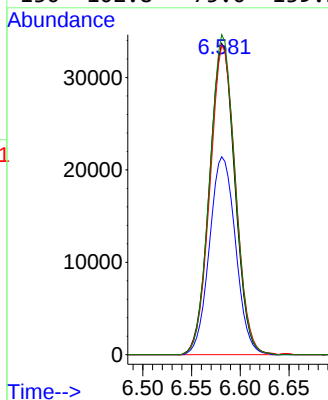
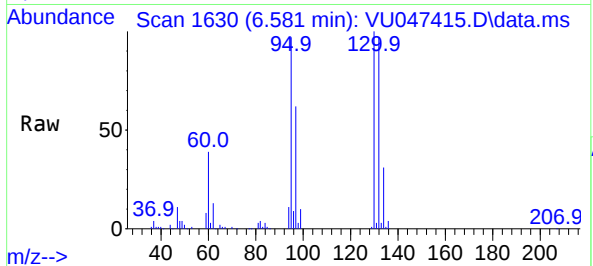


#34
Trichloroethene
Concen: 5.244 ug/L
RT: 6.581 min Scan# 1
Delta R.T. 0.039 min
Lab File: VU047415.D
Acq: 09 Mar 2022 19:32

Instrument :
MSVOA_U
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Tgt Ion: 95 Resp: 61234

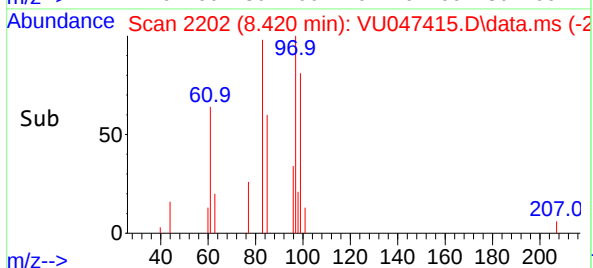
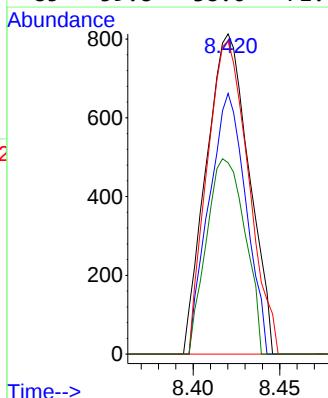
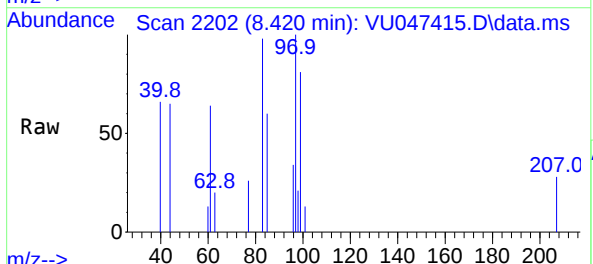
Ion	Ratio	Lower	Upper
95	100		
97	63.6	46.3	85.9
132	99.4	71.7	133.1
130	102.8	75.0	139.2

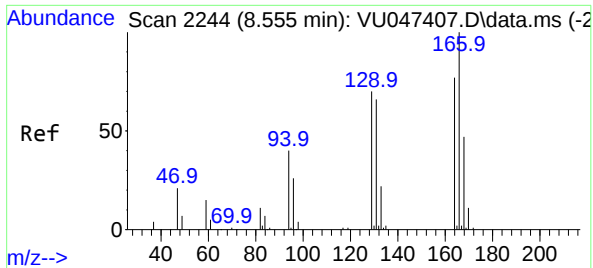


#45
1,1,2-Trichloroethane
Concen: 0.157 ug/L
RT: 8.420 min Scan# 2202
Delta R.T. 0.016 min
Lab File: VU047415.D
Acq: 09 Mar 2022 19:32

Tgt Ion: 97 Resp: 1396

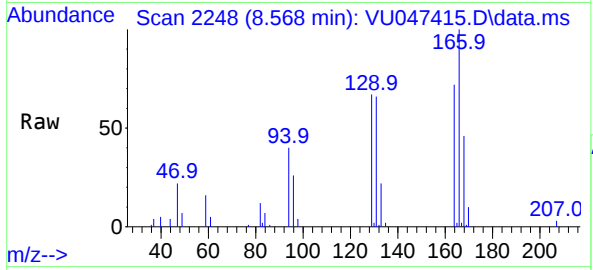
Ion	Ratio	Lower	Upper
97	100		
99	81.4	43.3	80.5#
83	97.8	59.1	109.9
85	59.8	38.6	71.6





#47
Tetrachloroethene
Concen: 1.258 ug/L
RT: 8.568 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU047415.D
Acq: 09 Mar 2022 19:32

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:164 Resp: 12459

Ion	Ratio	Lower	Upper
164	100		
129	93.5	64.9	120.5
131	91.4	63.6	118.2
166	139.5	91.4	169.8

