

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031022\
 Data File : VU047461.D
 Acq On : 10 Mar 2022 16:27
 Operator : SY/MD
 Sample : N1840-01DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY20DL

Quant Time: Mar 11 00:55:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 11 00:52:41 2022
 Response via : Initial Calibration

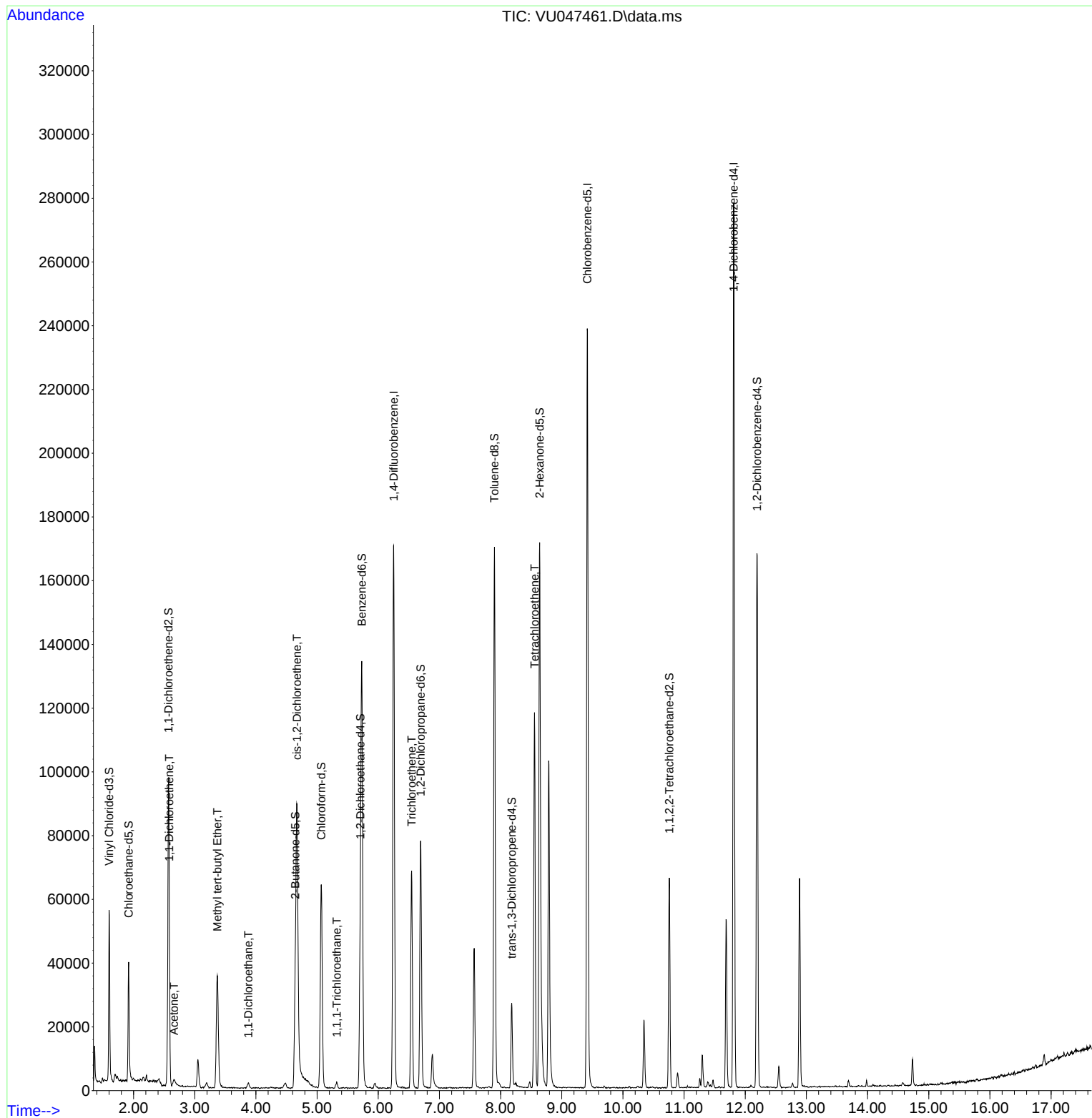
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	147992	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	139790	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	77080	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	36861	4.592	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.919	69	27982	4.749	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.572	65	16438	4.637	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.645	46	75120	52.567	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.140%
24) Chloroform-d	5.070	84	59858	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.706	65	31664	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.732	84	130383	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.694	67	38468	4.945	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.899	98	119293	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.182	79	15730	4.763	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.639	63	70743	48.624	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.240%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32744	4.830	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	47105	4.820	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.584	96	2986	0.344	ug/L #	1
13) Acetone	2.662	43	5168	3.936	ug/L	72
17) Methyl tert-butyl Ether	3.369	73	41919	1.871	ug/L	97
19) 1,1-Dichloroethane	3.877	63	2335	0.148	ug/L #	83
22) cis-1,2-Dichloroethene	4.671	96	38499	3.735	ug/L	94
29) 1,1,1-Trichloroethane	5.321	97	1672	0.116	ug/L	94
34) Trichloroethene	6.546	95	22600	2.239	ug/L	98
47) Tetrachloroethene	8.555	164	27454	3.207	ug/L	96

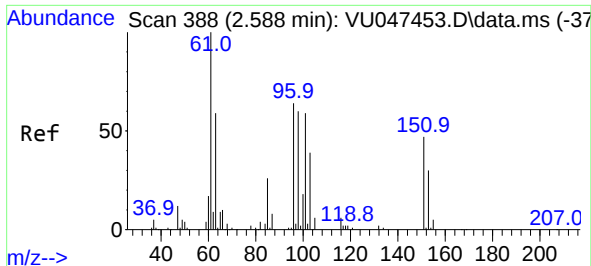
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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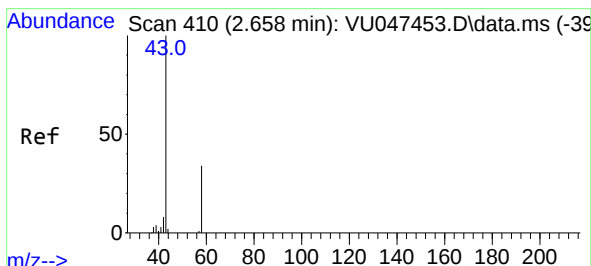
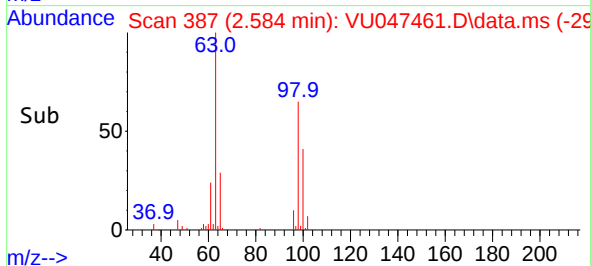
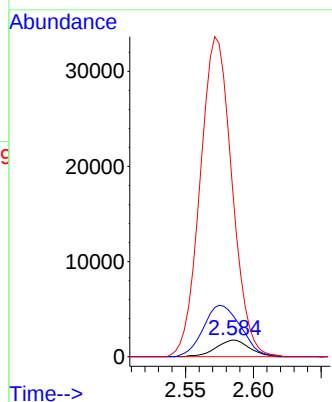
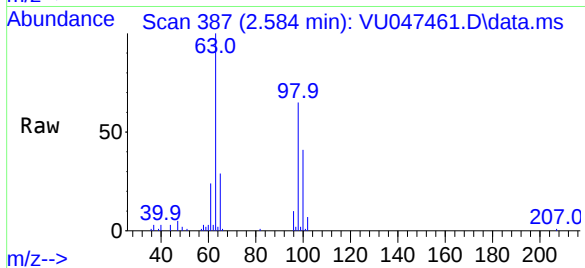




#12
1,1-Dichloroethene
Concen: 0.344 ug/L
RT: 2.584 min Scan# 388
Delta R.T. -0.003 min
Lab File: VU047461.D
Acq: 10 Mar 2022 16:27

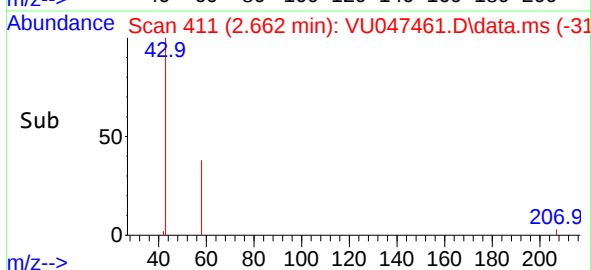
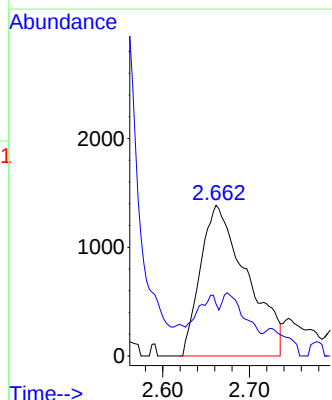
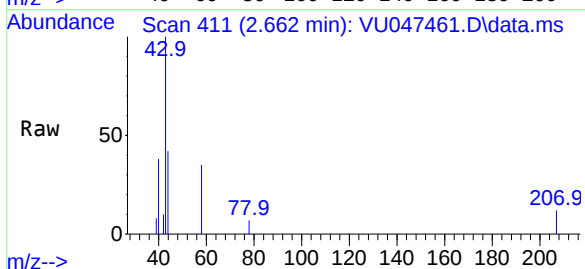
Instrument :
MSVOA_U
ClientSampleId :
BFY20DL

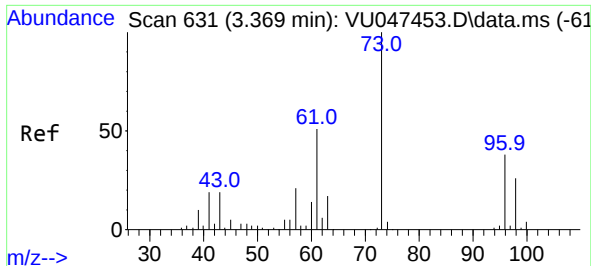
Tgt Ion: 96 Resp: 2986
Ion Ratio Lower Upper
96 100
61 252.7 108.8 202.0#
63 1036.6 64.0 119.0#



#13
Acetone
Concen: 3.936 ug/L
RT: 2.662 min Scan# 411
Delta R.T. 0.003 min
Lab File: VU047461.D
Acq: 10 Mar 2022 16:27

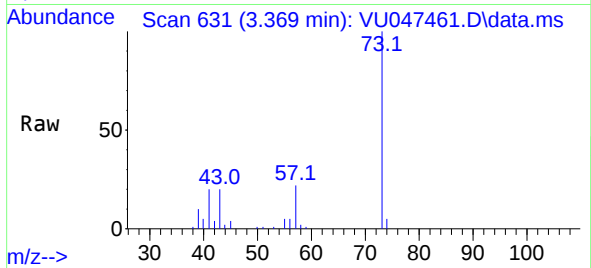
Tgt Ion: 43 Resp: 5168
Ion Ratio Lower Upper
43 100
58 19.7 0.0 72.6



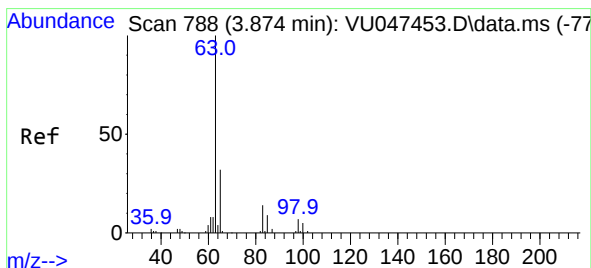
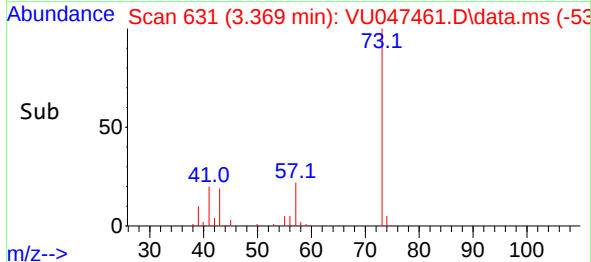
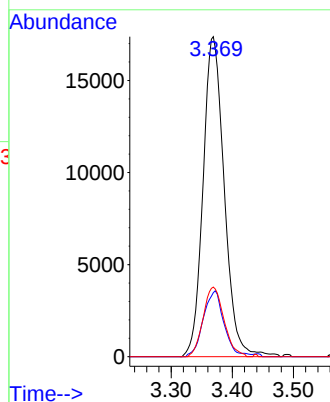


#17
Methyl tert-butyl Ether
Concen: 1.871 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047461.D
Acq: 10 Mar 2022 16:27

Instrument :
MSVOA_U
ClientSampleId :
BFY20DL

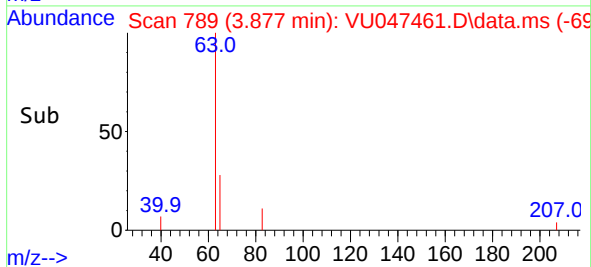
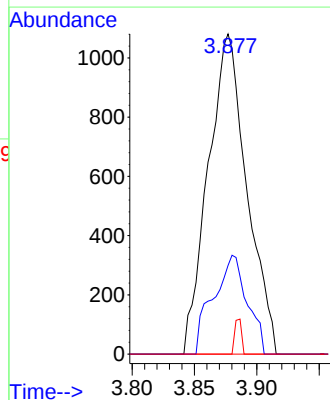
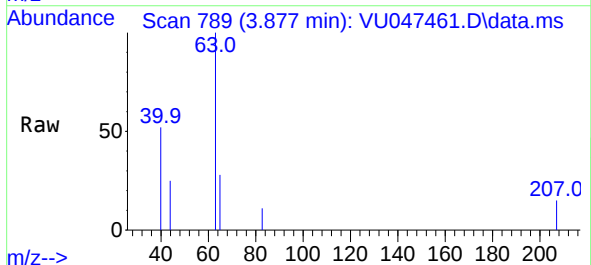


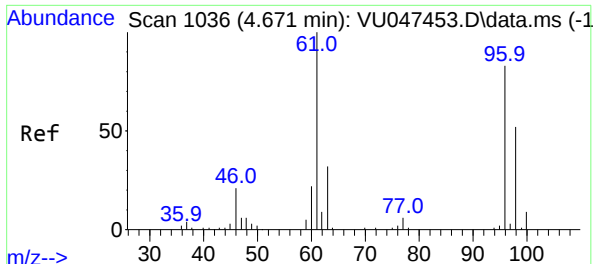
Tgt Ion:	73	Resp:	41919
Ion	Ratio	Lower	Upper
73	100		
43	20.1	14.6	22.0
57	21.3	16.5	24.7



#19
1,1-Dichloroethane
Concen: 0.148 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.003 min
Lab File: VU047461.D
Acq: 10 Mar 2022 16:27

Tgt Ion:	63	Resp:	2335
Ion	Ratio	Lower	Upper
63	100		
65	27.7	22.8	42.4
83	0.0	9.9	18.3

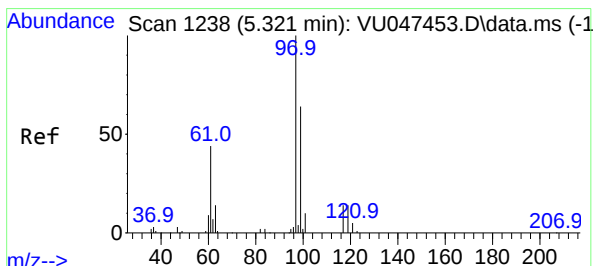
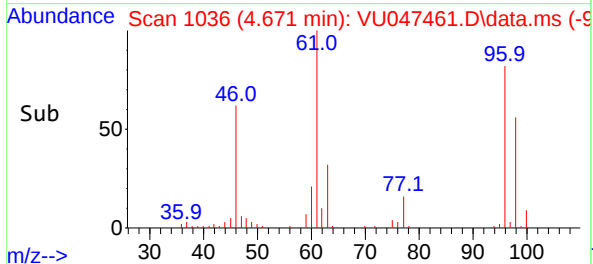
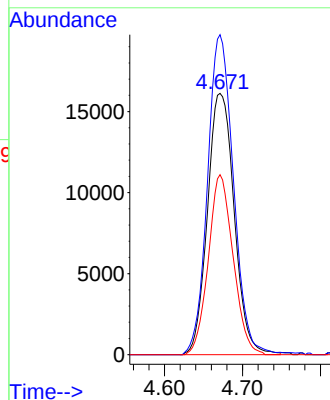
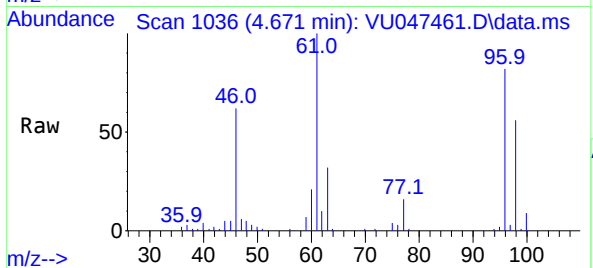




#22
 cis-1,2-Dichloroethene
 Concen: 3.735 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047461.D
 Acq: 10 Mar 2022 16:27

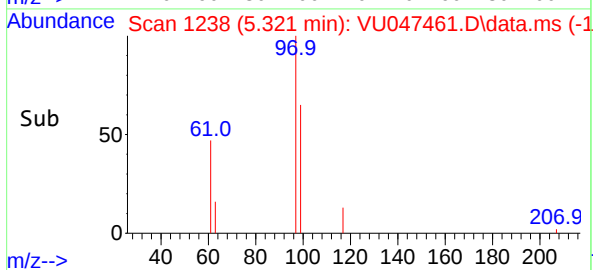
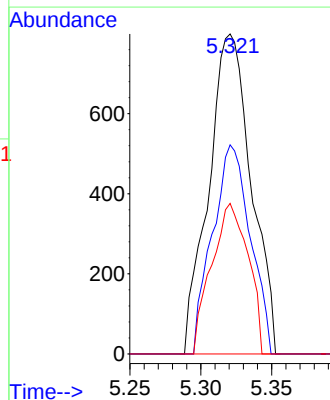
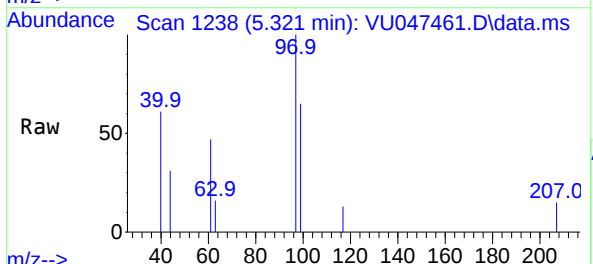
Instrument :
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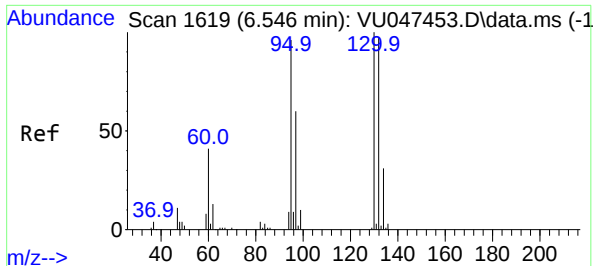
Tgt Ion:	96	Resp:	38499
Ion	Ratio	Lower	Upper
96	100		
61	122.5	80.8	150.0
98	68.9	44.7	83.1



#29
 1,1,1-Trichloroethane
 Concen: 0.116 ug/L
 RT: 5.321 min Scan# 1238
 Delta R.T. 0.000 min
 Lab File: VU047461.D
 Acq: 10 Mar 2022 16:27

Tgt Ion:	97	Resp:	1672
Ion	Ratio	Lower	Upper
97	100		
99	58.1	52.1	78.1
61	40.5	33.8	50.6



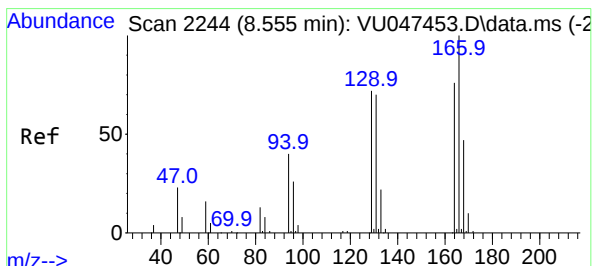
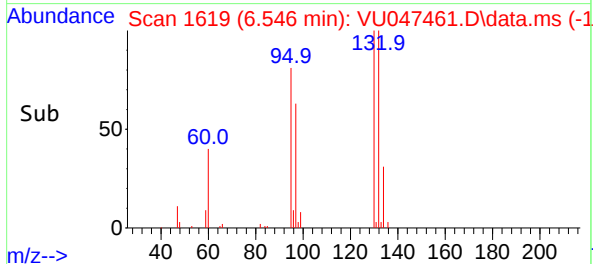
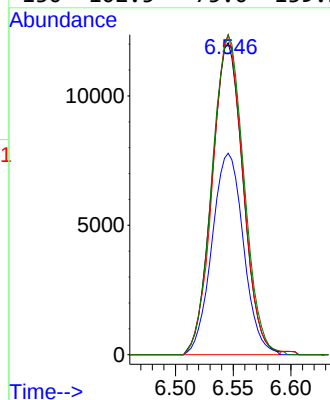
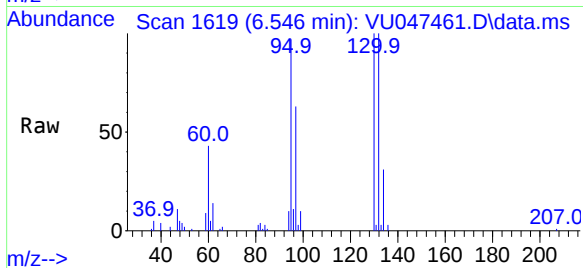


#34
Trichloroethene
Concen: 2.239 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU047461.D
Acq: 10 Mar 2022 16:27

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Tgt Ion: 95 Resp: 22600

Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.3	85.9
132	102.6	71.7	133.1
130	102.5	75.0	139.2



#47
Tetrachloroethene
Concen: 3.207 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047461.D
Acq: 10 Mar 2022 16:27

Tgt Ion: 164 Resp: 27454

Ion	Ratio	Lower	Upper
164	100		
129	87.9	64.9	120.5
131	85.3	63.6	118.2
166	128.5	91.4	169.8

