

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042023\
 Data File : VU053814.D
 Acq On : 20 Apr 2023 18:23
 Operator : JC/MD
 Sample : 02392-06 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE27

Quant Time: Apr 21 04:21:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 19 04:58:28 2023
 Response via : Initial Calibration

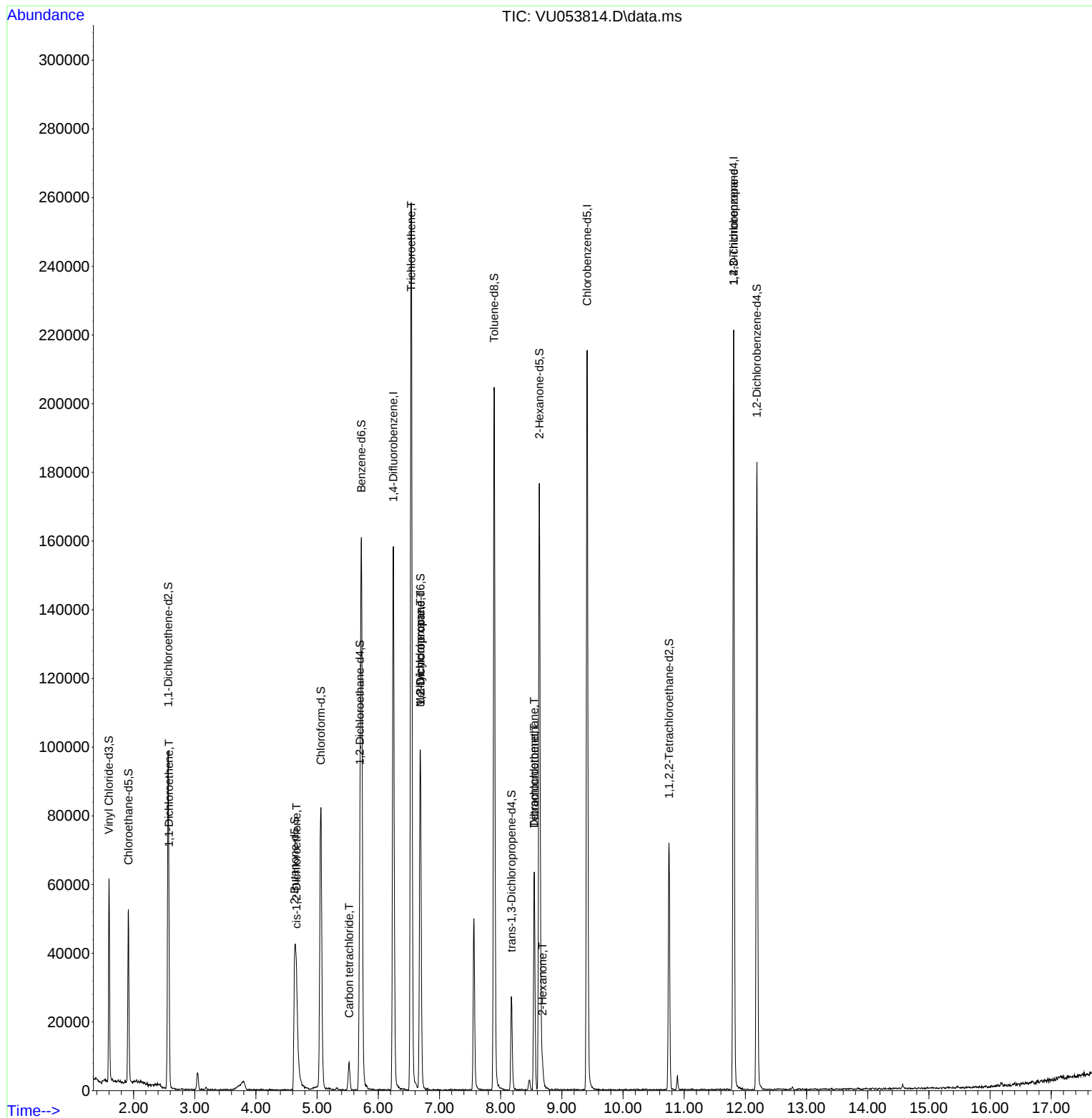
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	135330	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	131734	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62073	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45144	4.849	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.000%	
7) Chloroethane-d5	1.916	69	37185	4.401	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.000%	
11) 1,1-Dichloroethene-d2	2.565	65	18123	4.570	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.400%	
20) 2-Butanone-d5	4.633	46	81815	38.361	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.720%	
24) Chloroform-d	5.060	84	79349	4.598	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	5.700	65	38569	4.361	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.200%	
32) Benzene-d6	5.723	84	160831	4.308	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.200%	
36) 1,2-Dichloropropane-d6	6.687	67	50184	4.411	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.200%	
41) Toluene-d8	7.893	98	145160	4.121	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.400%	
43) trans-1,3-Dichloroprop...	8.176	79	16747	3.836	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.800%	
46) 2-Hexanone-d5	8.633	63	65807	37.112	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	74.220%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	36258	3.829	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	76.600%	
66) 1,2-Dichlorobenzene-d4	12.189	152	51527	4.614	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	1923	0.251	ug/L #	1
22) cis-1,2-Dichloroethene	4.665	96	6697	0.625	ug/L	81
31) Carbon tetrachloride	5.523	117	5107	0.464	ug/L	90
34) Trichloroethene	6.536	95	89790	9.553	ug/L	93
35) Methylcyclohexane	6.684	83	11762	0.729	ug/L #	22
37) 1,2-Dichloropropane	6.687	63	5745	0.616	ug/L #	89
47) Tetrachloroethene	8.549	164	13302	1.926	ug/L	97
48) 2-Hexanone	8.684	43	2404	0.713	ug/L #	70
49) Dibromochloromethane	8.549	129	13905	2.125	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	7494	1.457	ug/L #	63

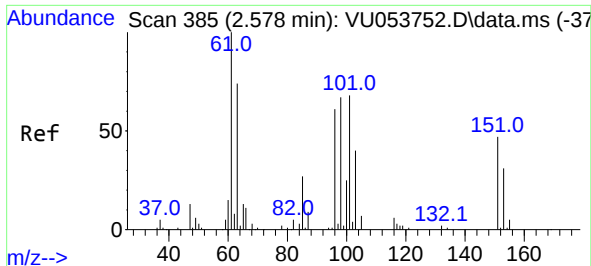
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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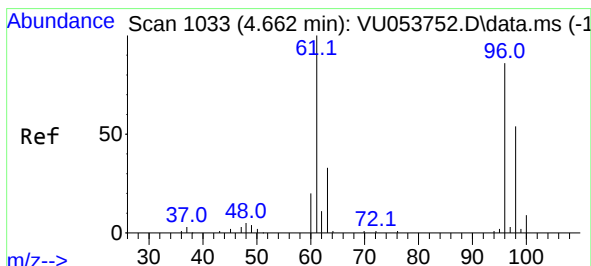
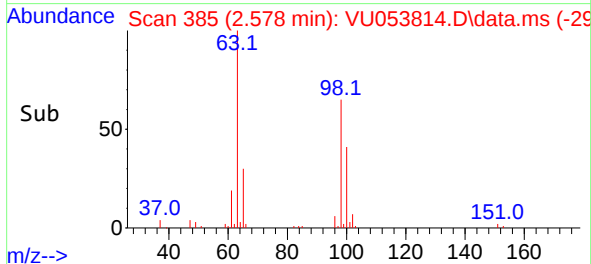
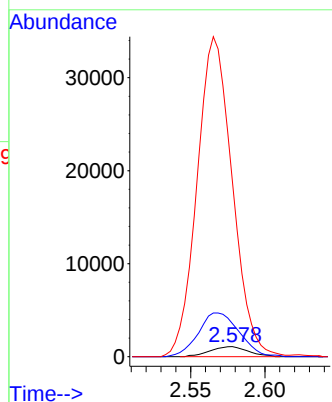
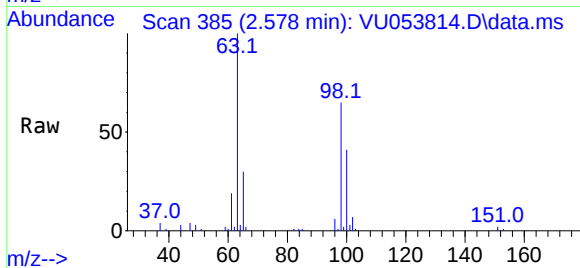




#12
1,1-Dichloroethene
Concen: 0.251 ug/L
RT: 2.578 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU053814.D
Acq: 20 Apr 2023 18:23

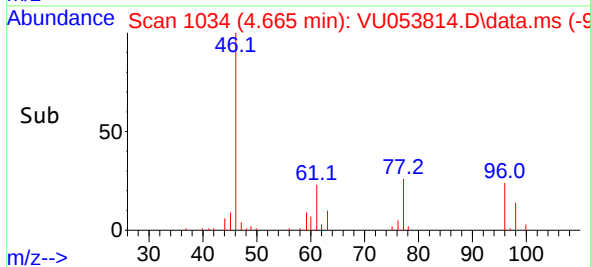
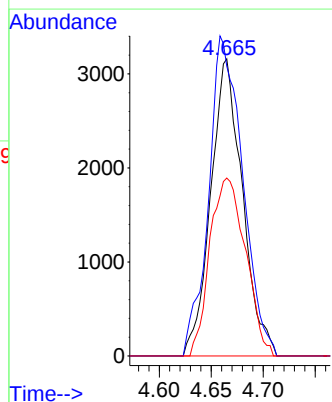
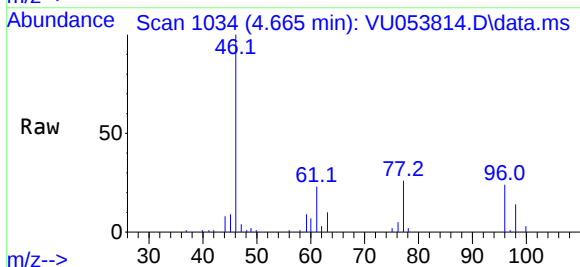
Instrument :
MSVOA_U
ClientSampleId :
BHE27

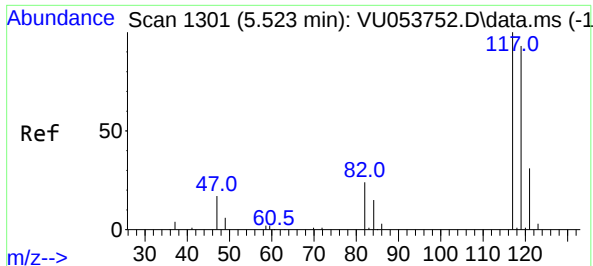
Tgt Ion: 96 Resp: 1923
Ion Ratio Lower Upper
96 100
61 330.8 116.8 216.8#
63 1753.6 88.6 164.6#



#22
cis-1,2-Dichloroethene
Concen: 0.625 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU053814.D
Acq: 20 Apr 2023 18:23

Tgt Ion: 96 Resp: 6697
Ion Ratio Lower Upper
96 100
61 97.6 86.6 160.8
98 59.9 47.7 88.5

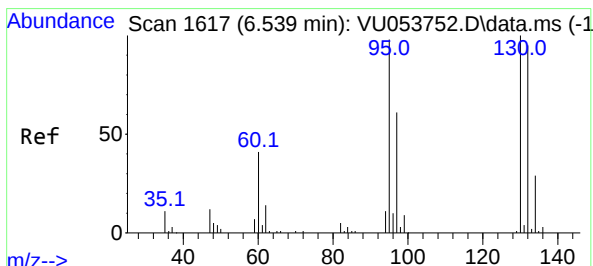
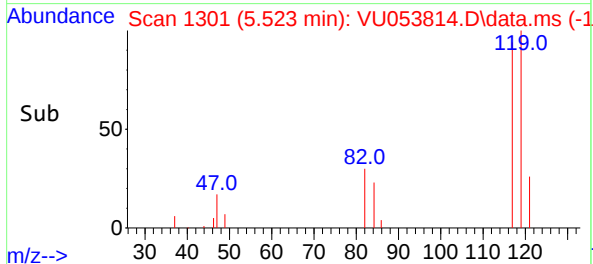
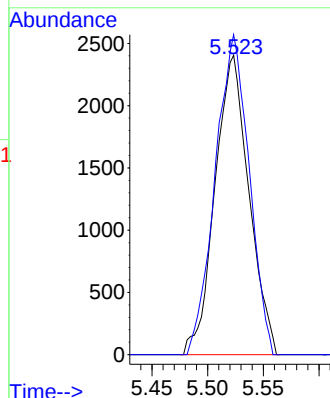
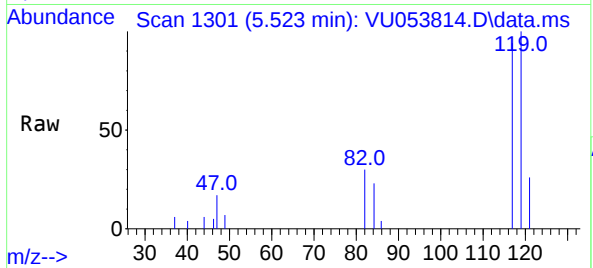




#31
Carbon tetrachloride
Concen: 0.464 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053814.D
Acq: 20 Apr 2023 18:23

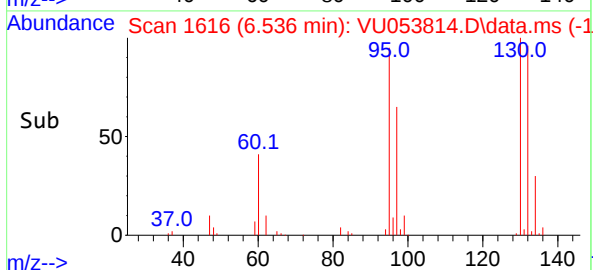
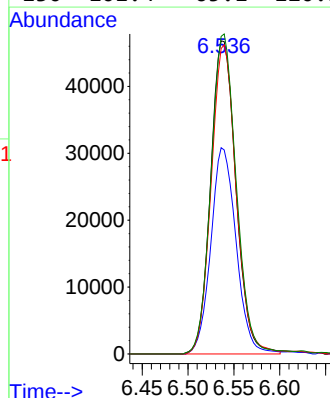
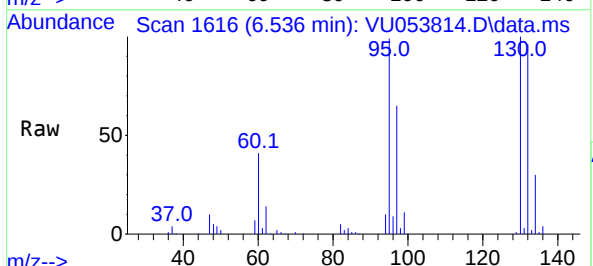
Instrument :
MSVOA_U
ClientSampleId :
BHE27

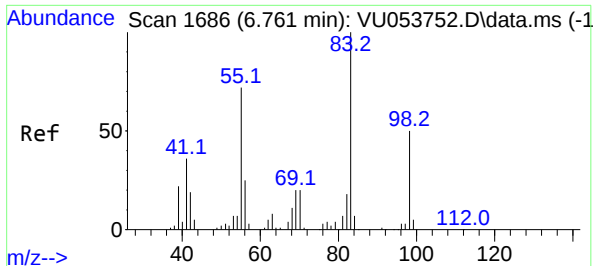
Tgt Ion:117 Resp: 5107
Ion Ratio Lower Upper
117 100
119 106.8 77.7 116.5



#34
Trichloroethene
Concen: 9.553 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU053814.D
Acq: 20 Apr 2023 18:23

Tgt Ion: 95 Resp: 89790
Ion Ratio Lower Upper
95 100
97 65.9 45.3 84.1
132 97.5 62.8 116.6
130 101.4 65.1 120.9

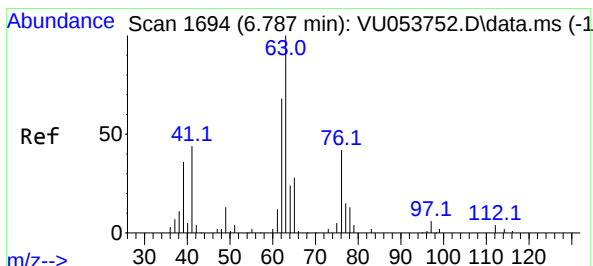
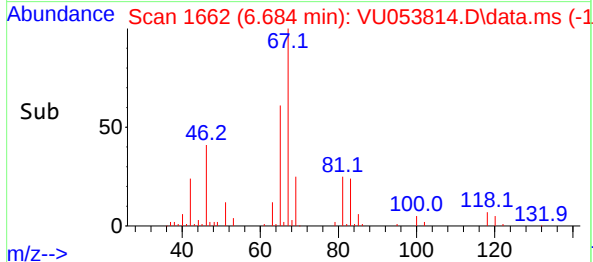
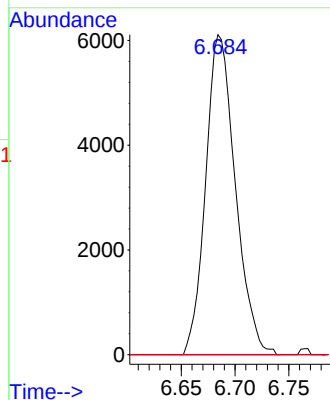
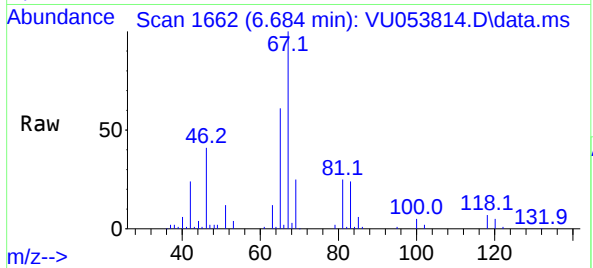




#35
Methylcyclohexane
Concen: 0.729 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.077 min
Lab File: VU053814.D
Acq: 20 Apr 2023 18:23

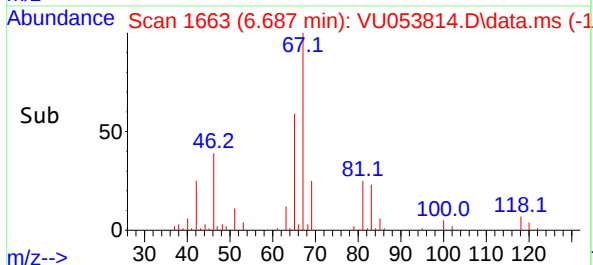
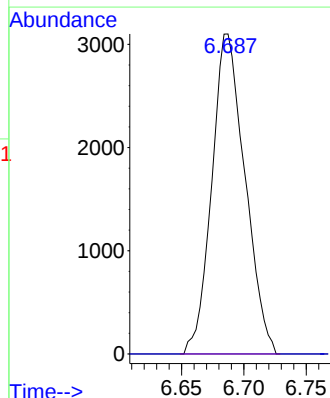
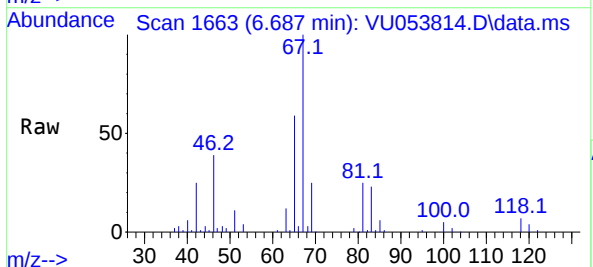
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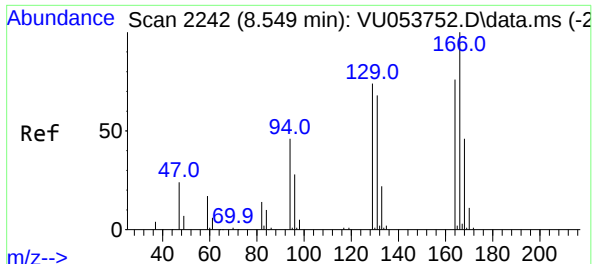
Tgt Ion: 83 Resp: 11762
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 0.0 34.9 52.3#



#37
1,2-Dichloropropane
Concen: 0.616 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU053814.D
Acq: 20 Apr 2023 18:23

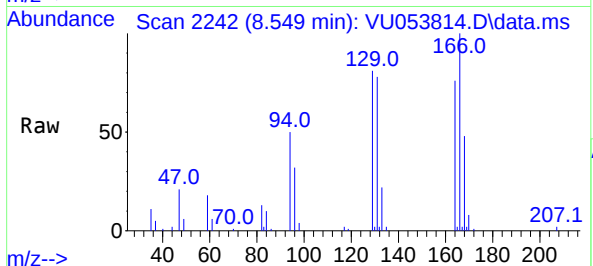
Tgt Ion: 63 Resp: 5745
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





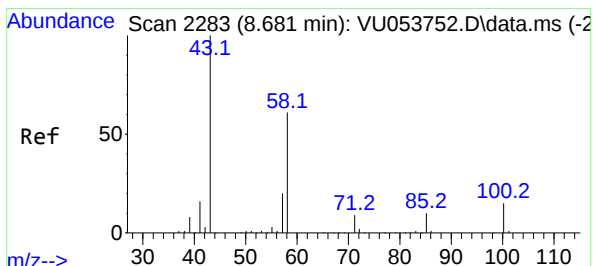
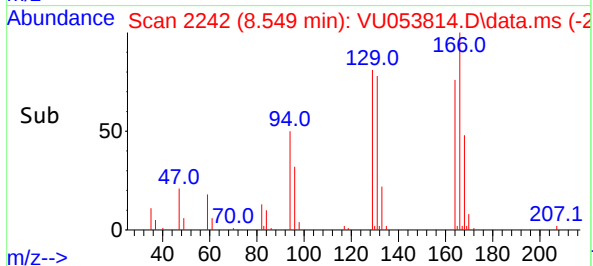
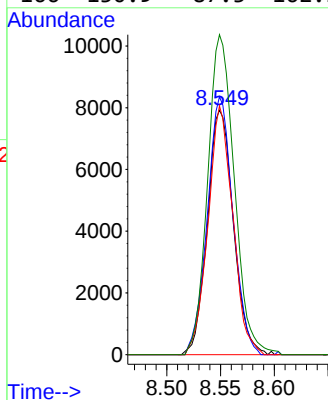
#47
Tetrachloroethene
Concen: 1.926 ug/L
RT: 8.549 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053814.D
Acq: 20 Apr 2023 18:23

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:164 Resp: 13302

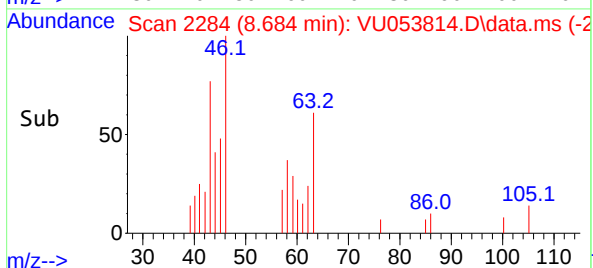
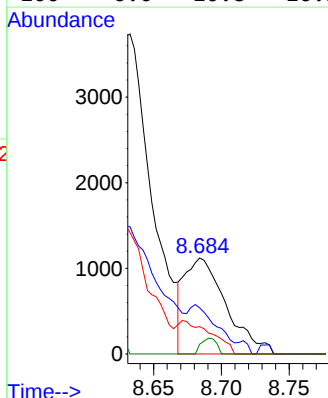
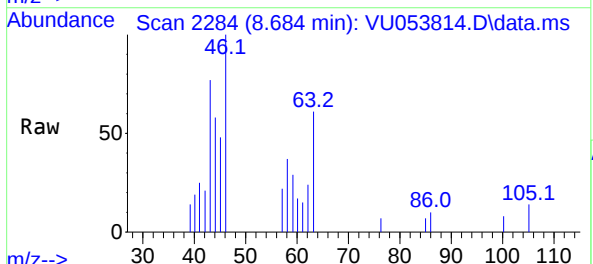
Ion	Ratio	Lower	Upper
164	100		
129	105.5	74.8	138.8
131	101.7	70.1	130.1
166	130.9	87.3	162.1

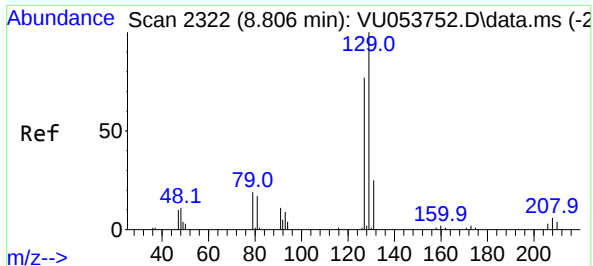


#48
2-Hexanone
Concen: 0.713 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. 0.003 min
Lab File: VU053814.D
Acq: 20 Apr 2023 18:23

Tgt Ion: 43 Resp: 2404

Ion	Ratio	Lower	Upper
43	100		
58	35.9	52.8	79.2#
57	27.8	17.1	25.7#
100	6.0	10.8	16.2#





#49

Dibromochloromethane

Concen: 2.125 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU053814.D

Acq: 20 Apr 2023 18:23

Instrument :

MSVOA_U

ClientSampleId :

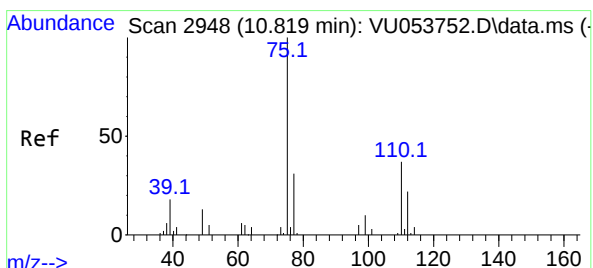
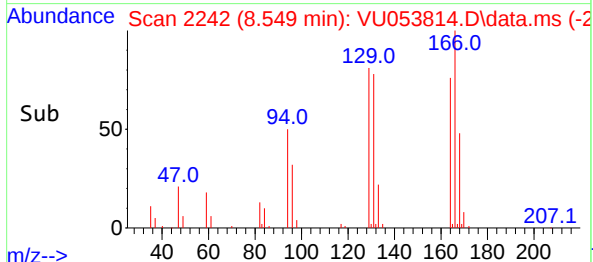
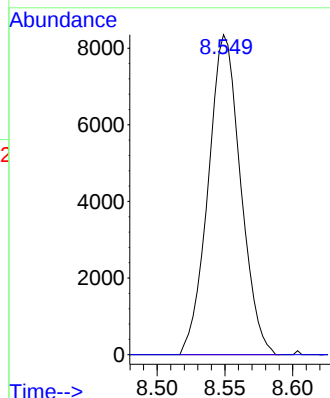
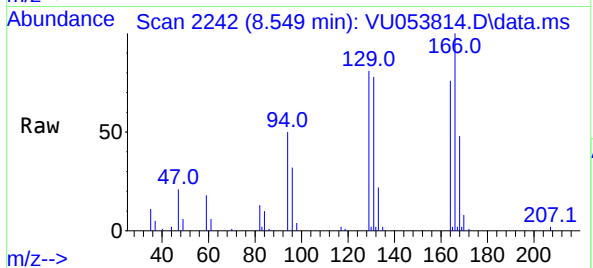
BHE27

Tgt Ion:129 Resp: 13905

Ion Ratio Lower Upper

129 100

127 0.0 52.2 97.0#



#61

1,2,3-Trichloropropane

Concen: 1.457 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU053814.D

Acq: 20 Apr 2023 18:23

Tgt Ion: 75 Resp: 7494

Ion Ratio Lower Upper

75 100

110 0.0 30.6 46.0#

77 29.1 26.1 39.1

