

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121422\
 Data File : VU052403.D
 Acq On : 14 Dec 2022 16:21
 Operator : JC/MD
 Sample : N6034-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGPJ9

Quant Time: Dec 14 21:40:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 14 21:38:14 2022
 Response via : Initial Calibration

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

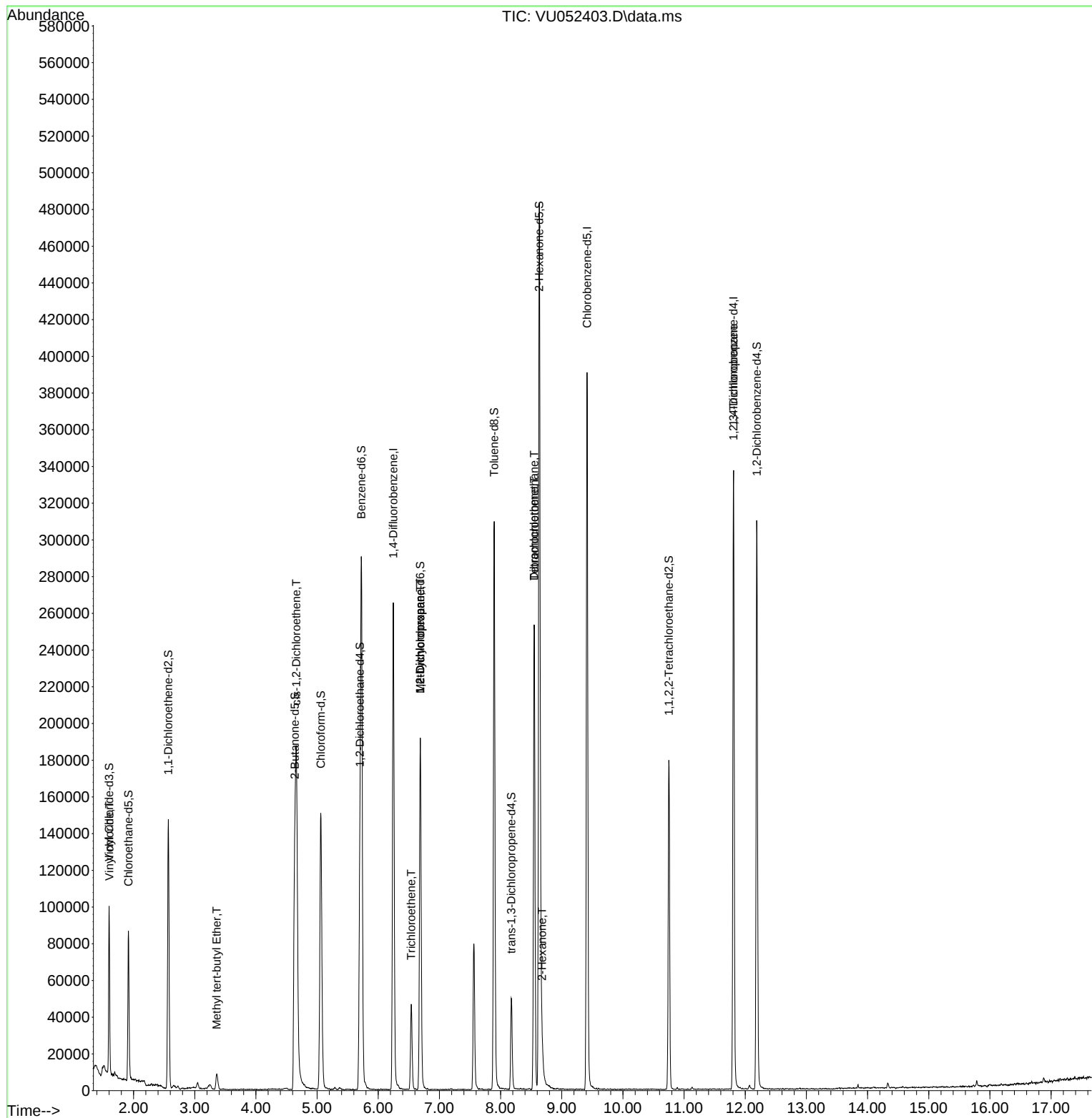
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	221871	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	230359	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	93824	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	67014	3.105	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.200%
7) Chloroethane-d5	1.916	69	63589	3.793	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.568	65	28056	3.627	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	4.636	46	238175	60.884	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.760%
24) Chloroform-d	5.060	84	144211	4.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.700	65	78308	4.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.726	84	285390	4.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.687	67	98361	4.647	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.896	98	216674	3.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.000%
43) trans-1,3-Dichloroprop...	8.176	79	30255	3.923	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.632	63	163201	49.931	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.860%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	93579	5.100	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	87560	4.874	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	2927	0.121	ug/L #	33
17) Methyl tert-butyl Ether	3.359	73	8217	0.228	ug/L	98
22) cis-1,2-Dichloroethene	4.661	96	66378	3.666	ug/L	99
34) Trichloroethene	6.539	95	16353	0.875	ug/L	96
35) Methylcyclohexane	6.687	83	21780	0.810	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	9331	0.481	ug/L #	88
47) Tetrachloroethene	8.549	164	58987	4.116	ug/L	96
48) 2-Hexanone	8.677	43	7140	0.961	ug/L #	34
49) Dibromochloromethane	8.549	129	57502	3.520	ug/L #	12
61) 1,2,3-Trichloropropane	11.806	75	10885	1.014	ug/L #	67

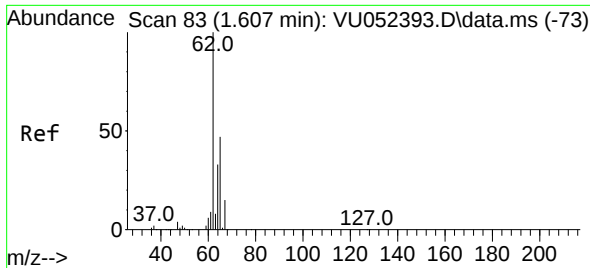
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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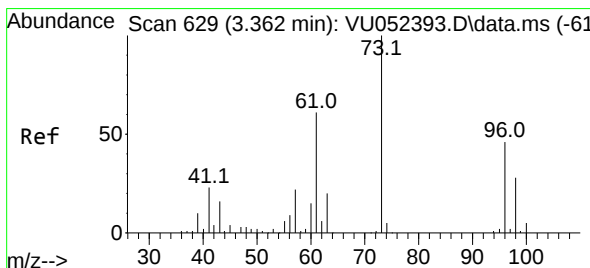
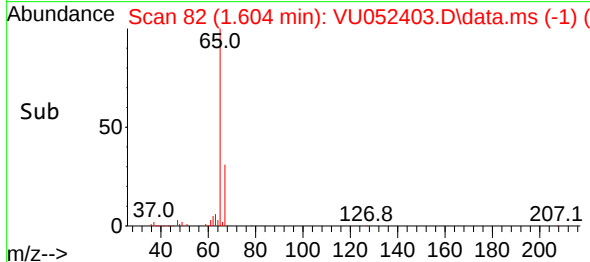
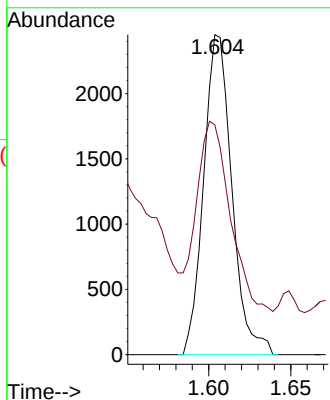
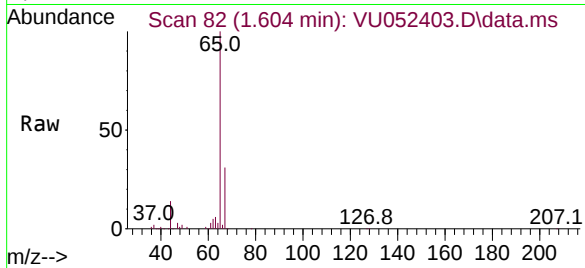




#5
 Vinyl chloride
 Concen: 0.121 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU052403.D
 Acq: 14 Dec 2022 16:21

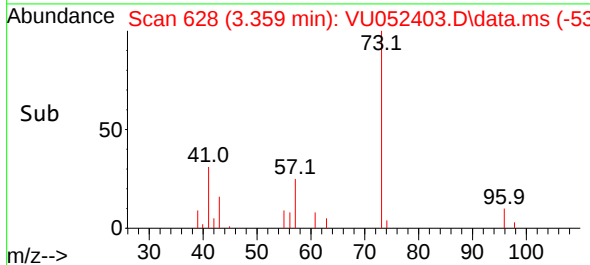
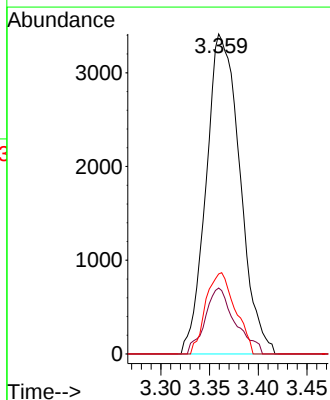
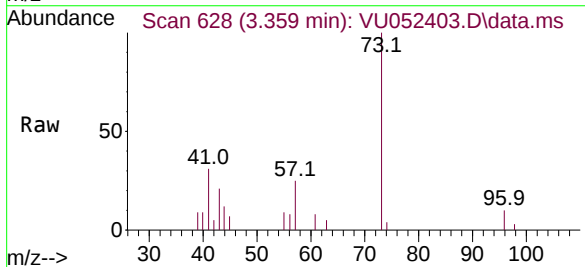
Instrument :
 MSVOA_U
 ClientSampleId :
 BGPJ9

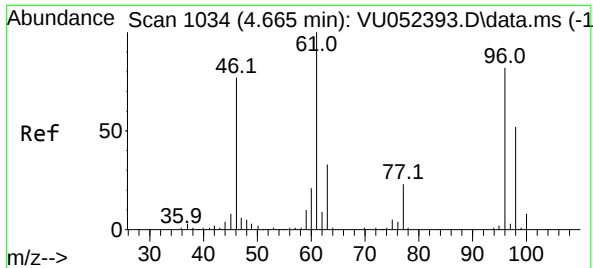
Tgt Ion: 62 Resp: 2927
 Ion Ratio Lower Upper
 62 100
 64 71.8 23.5 43.7#



#17
 Methyl tert-butyl Ether
 Concen: 0.228 ug/L
 RT: 3.359 min Scan# 628
 Delta R.T. -0.003 min
 Lab File: VU052403.D
 Acq: 14 Dec 2022 16:21

Tgt Ion: 73 Resp: 8217
 Ion Ratio Lower Upper
 73 100
 43 18.4 13.2 19.8
 57 22.2 17.8 26.8

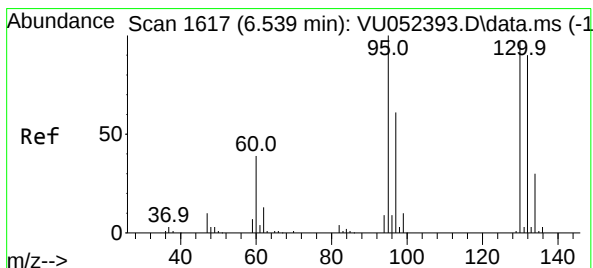
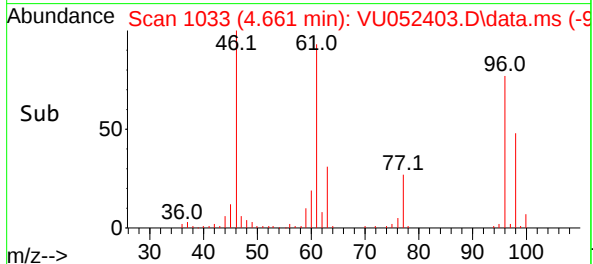
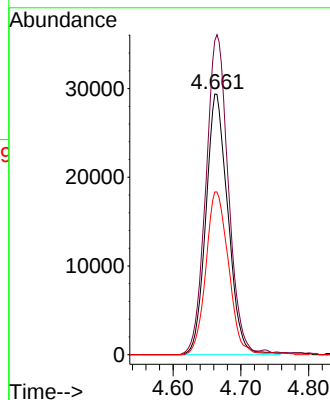
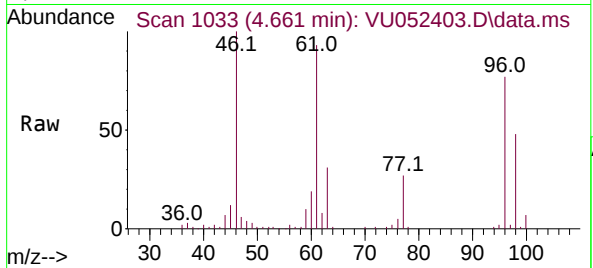




#22
 cis-1,2-Dichloroethene
 Concen: 3.666 ug/L
 RT: 4.661 min Scan# 1033
 Delta R.T. -0.003 min
 Lab File: VU052403.D
 Acq: 14 Dec 2022 16:21

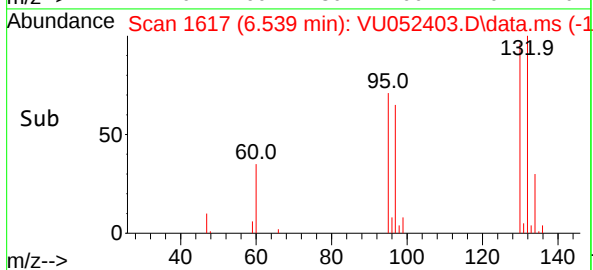
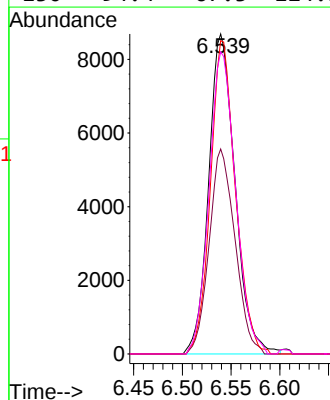
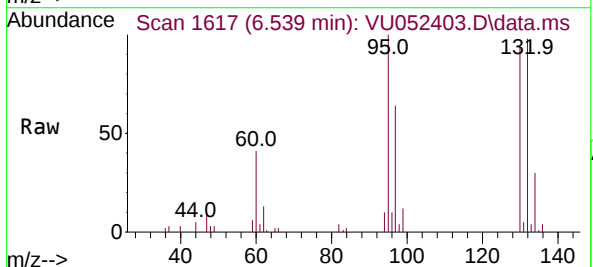
Instrument :
 MSVOA_U
 ClientSampleId :
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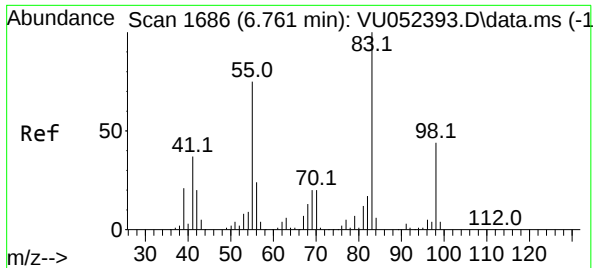
Tgt Ion: 96 Resp: 66378
 Ion Ratio Lower Upper
 96 100
 61 120.4 85.1 158.1
 98 62.4 42.8 79.6



#34
 Trichloroethene
 Concen: 0.875 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: VU052403.D
 Acq: 14 Dec 2022 16:21

Tgt Ion: 95 Resp: 16353
 Ion Ratio Lower Upper
 95 100
 97 64.0 43.7 81.1
 132 97.9 64.3 119.3
 130 94.4 67.3 124.9

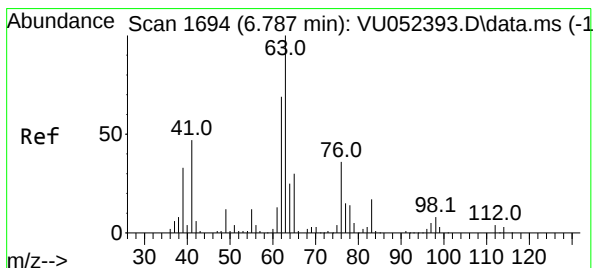
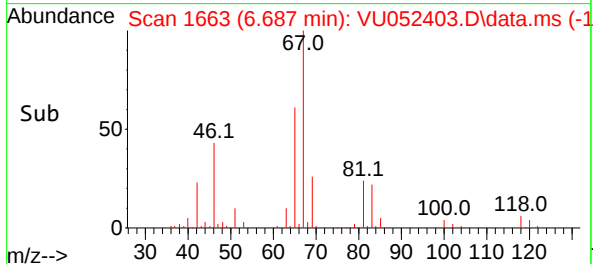
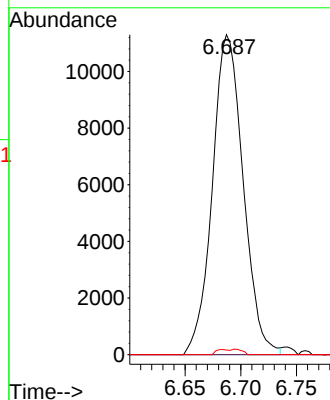
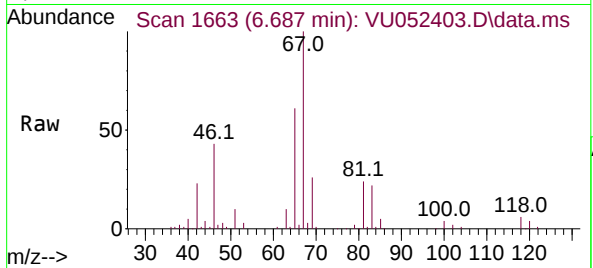




#35
Methylcyclohexane
Concen: 0.810 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052403.D
Acq: 14 Dec 2022 16:21

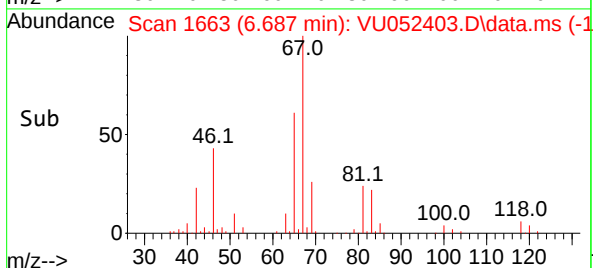
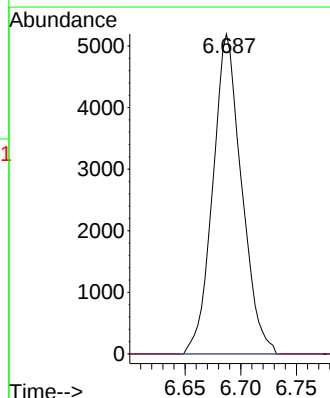
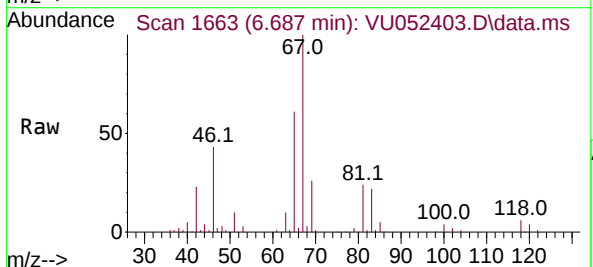
Instrument :
MSVOA_U
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BGPJ9

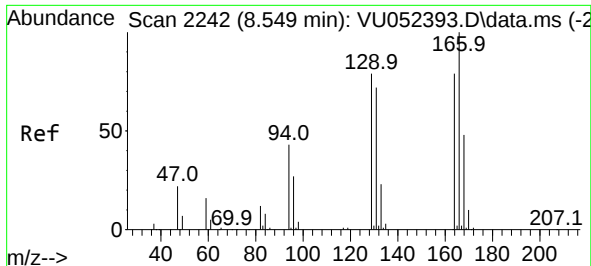
Tgt Ion: 83 Resp: 21780
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 0.7 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.481 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU052403.D
Acq: 14 Dec 2022 16:21

Tgt Ion: 63 Resp: 9331
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

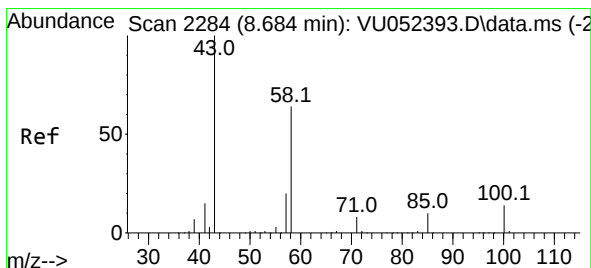
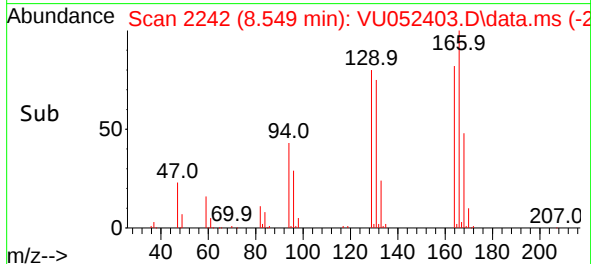
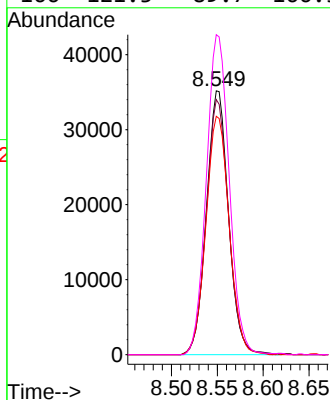
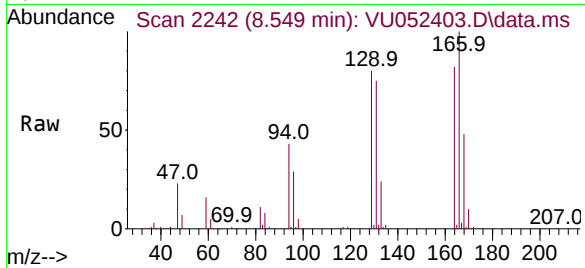




#47
Tetrachloroethene
Concen: 4.116 ug/L
RT: 8.549 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052403.D
Acq: 14 Dec 2022 16:21

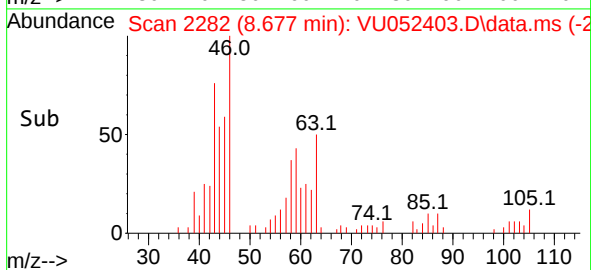
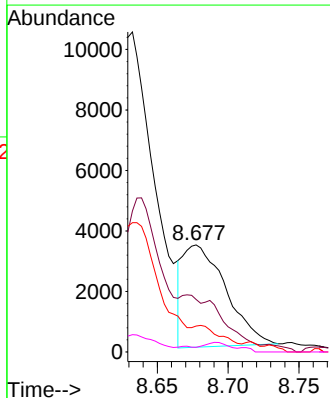
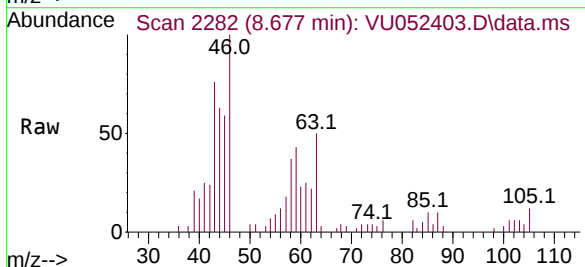
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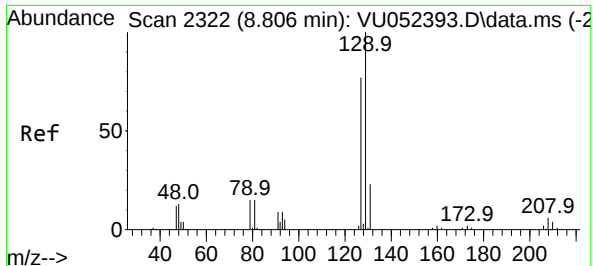
Tgt Ion:164 Resp: 58987
Ion Ratio Lower Upper
164 100
129 96.7 67.4 125.2
131 90.4 67.1 124.7
166 121.3 89.7 166.5



#48
2-Hexanone
Concen: 0.961 ug/L
RT: 8.677 min Scan# 2282
Delta R.T. -0.006 min
Lab File: VU052403.D
Acq: 14 Dec 2022 16:21

Tgt Ion: 43 Resp: 7140
Ion Ratio Lower Upper
43 100
58 0.0 49.4 74.0#
57 0.0 16.3 24.5#
100 1.3 10.4 15.6#





#49

Dibromochloromethane

Concen: 3.520 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU052403.D

Acq: 14 Dec 2022 16:21

Instrument :

MSVOA_U

ClientSampleId :

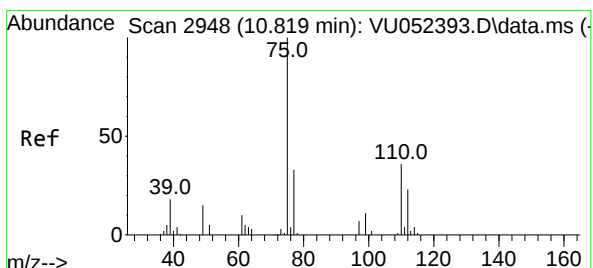
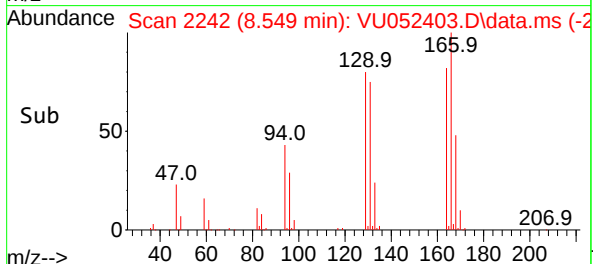
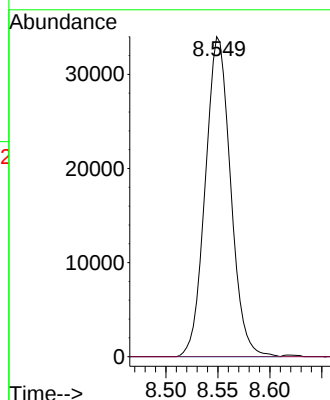
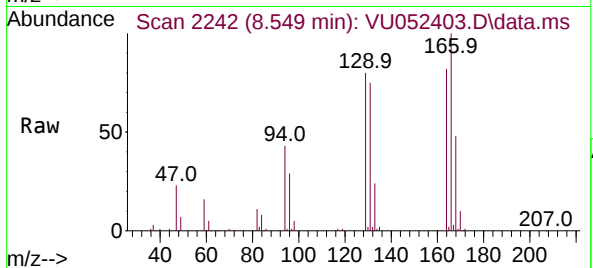
BGPJ9

Tgt Ion:129 Resp: 57502

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#



#61

1,2,3-Trichloropropane

Concen: 1.014 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU052403.D

Acq: 14 Dec 2022 16:21

Tgt Ion: 75 Resp: 10885

Ion Ratio Lower Upper

75 100

110 0.4 28.3 42.5#

77 30.7 26.2 39.2

