

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052561.D
 Acq On : 27 Dec 2022 13:54
 Operator : JC/MD
 Sample : N6171-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD0

Quant Time: Dec 28 01:20:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 28 01:18:16 2022
 Response via : Initial Calibration

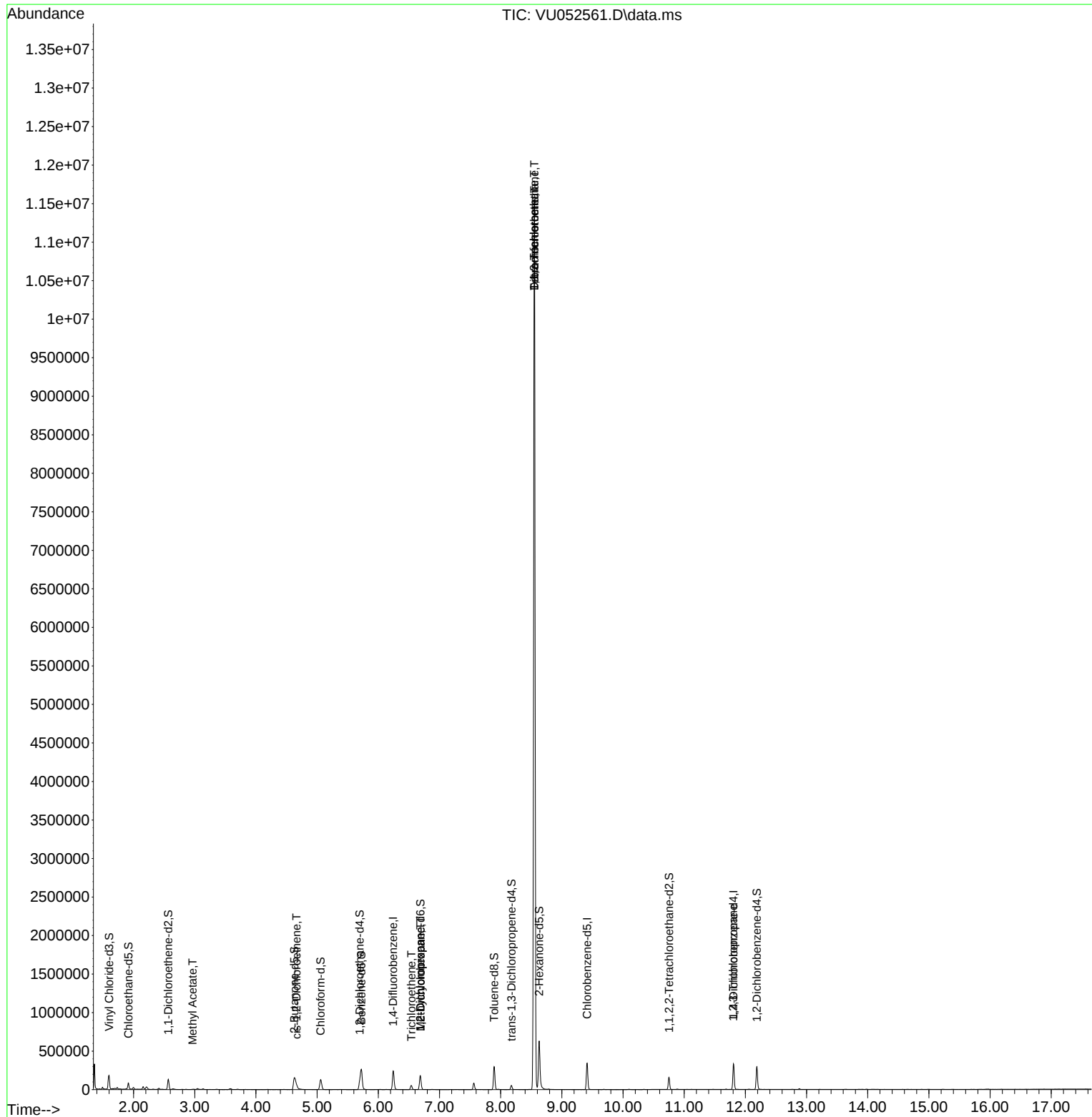
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	186475	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	180379	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	84218	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	55292	2.927	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.600%
7) Chloroethane-d5	1.916	69	55863	3.429	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.600%
11) 1,1-Dichloroethene-d2	2.568	65	25888	3.185	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.600%
20) 2-Butanone-d5	4.629	46	286811	48.957	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.920%
24) Chloroform-d	5.057	84	121241	3.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
26) 1,2-Dichloroethane-d4	5.697	65	74743	4.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
32) Benzene-d6	5.723	84	243725	3.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.687	67	88267	4.146	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.893	98	193325	3.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.176	79	30245	4.149	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.629	63	216165	54.201	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.400%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	79535	4.400	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	73596	4.292	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.964	43	1726	0.181	ug/L #	55
22) cis-1,2-Dichloroethene	4.661	96	10176	0.644	ug/L	97
34) Trichloroethene	6.539	95	18759	1.235	ug/L	93
35) Methylcyclohexane	6.687	83	19087	0.833	ug/L #	14
37) 1,2-Dichloropropane	6.687	63	9102	0.502	ug/L #	88
45) 1,1,2-Trichloroethane	8.549	97	22786	1.775	ug/L #	1
47) Tetrachloroethene	8.552	164	2408690	227.188	ug/L	98
49) Dibromochloromethane	8.552	129	2417279	177.781	ug/L #	11
61) 1,2,3-Trichloropropane	11.803	75	11504	0.952	ug/L #	70

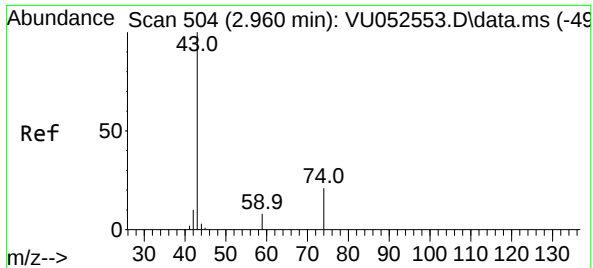
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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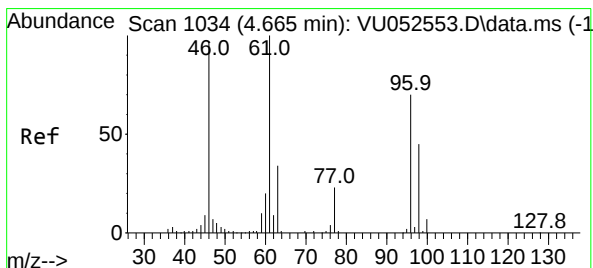
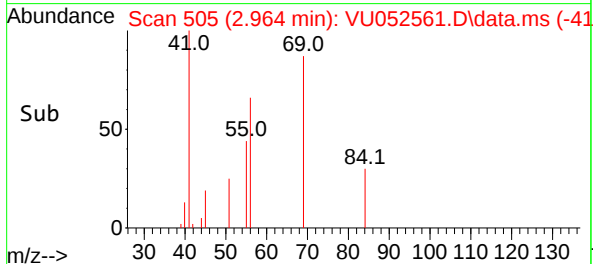
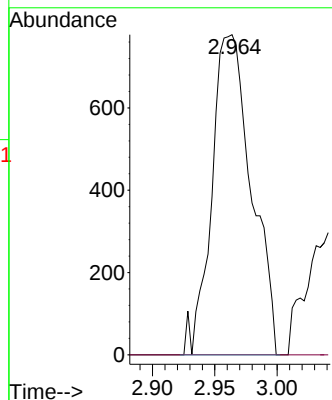
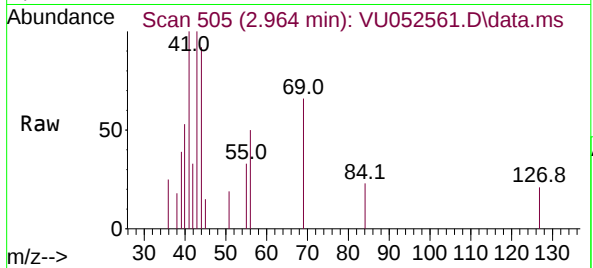




#15
Methyl Acetate
Concen: 0.181 ug/L
RT: 2.964 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU052561.D
Acq: 27 Dec 2022 13:54

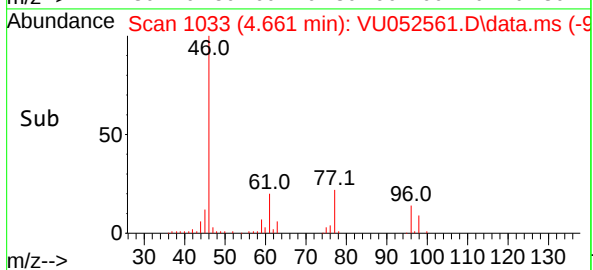
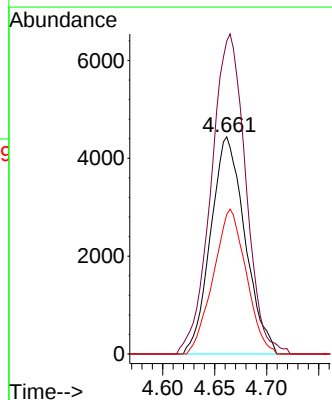
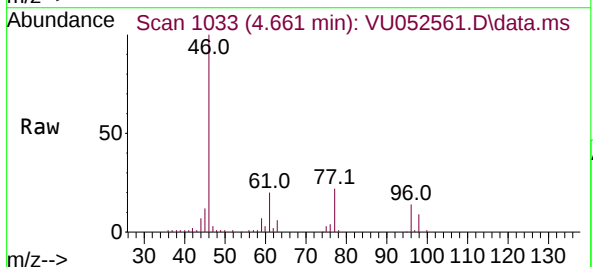
Instrument :
MSVOA_U
ClientSampleId :
GBQD0

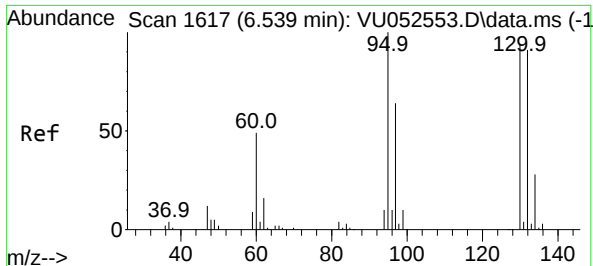
Tgt Ion: 43 Resp: 1726
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#



#22
cis-1,2-Dichloroethene
Concen: 0.644 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU052561.D
Acq: 27 Dec 2022 13:54

Tgt Ion: 96 Resp: 10176
Ion Ratio Lower Upper
96 100
61 144.2 96.9 180.1
98 64.4 44.7 83.1



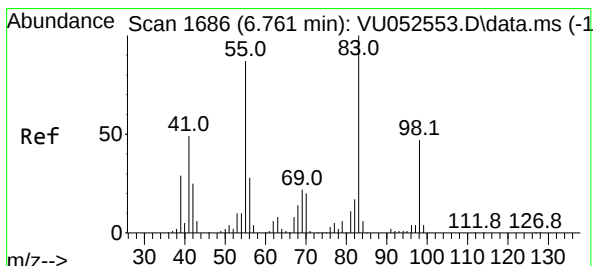
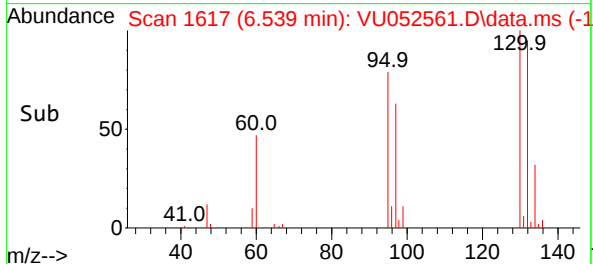
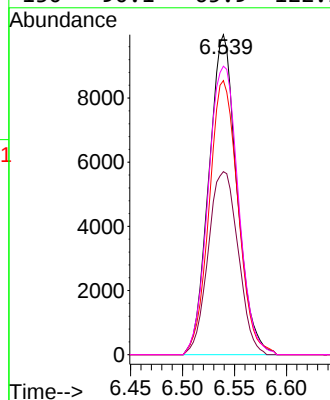
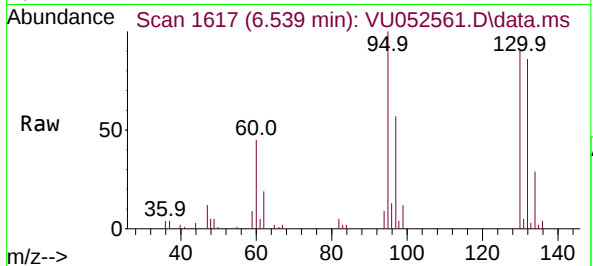


#34
Trichloroethene
Concen: 1.235 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052561.D
Acq: 27 Dec 2022 13:54

Instrument :
MSVOA_U
ClientSampleId :
GBQD0

Tgt Ion: 95 Resp: 18759

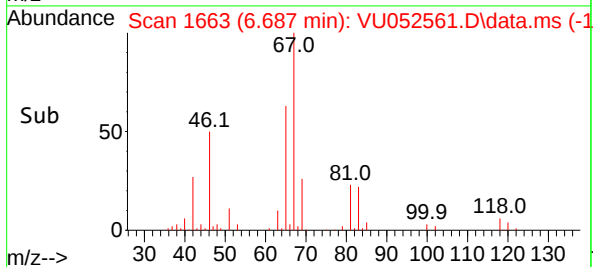
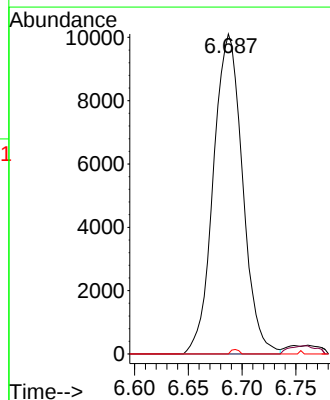
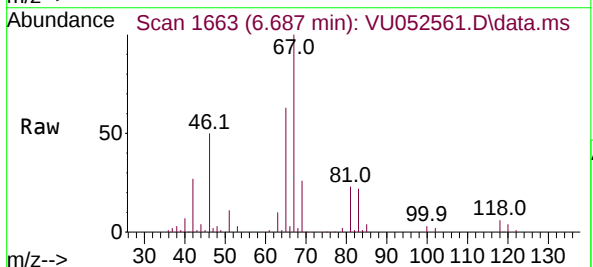
Ion	Ratio	Lower	Upper
95	100		
97	57.2	46.3	86.1
132	85.7	63.9	118.7
130	90.1	65.9	122.5

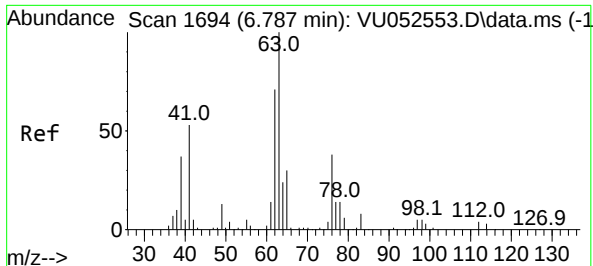


#35
Methylcyclohexane
Concen: 0.833 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052561.D
Acq: 27 Dec 2022 13:54

Tgt Ion: 83 Resp: 19087

Ion	Ratio	Lower	Upper
83	100		
55	0.0	71.4	107.0#
98	0.4	36.5	54.7#

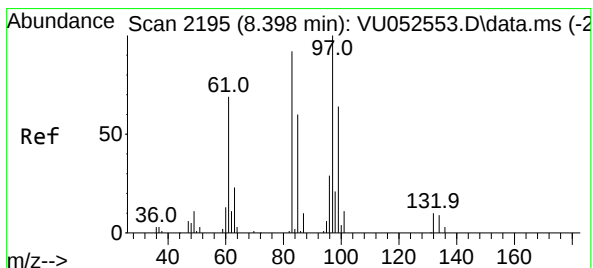
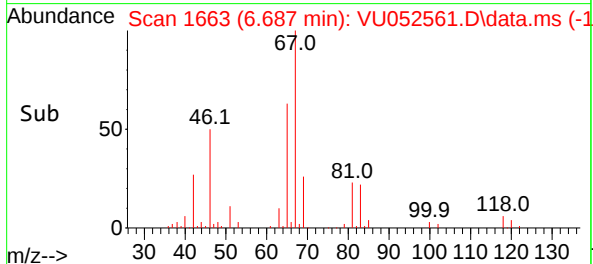
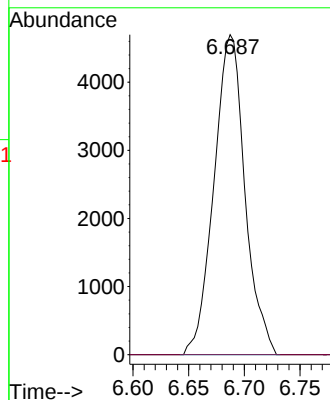
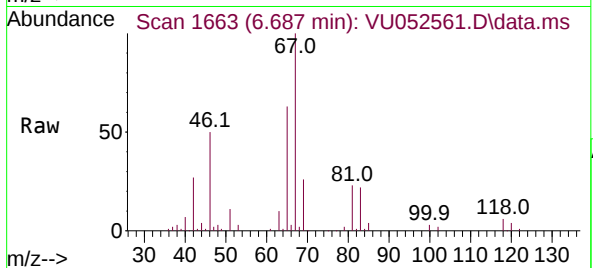




#37
1,2-Dichloropropane
Concen: 0.502 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU052561.D
Acq: 27 Dec 2022 13:54

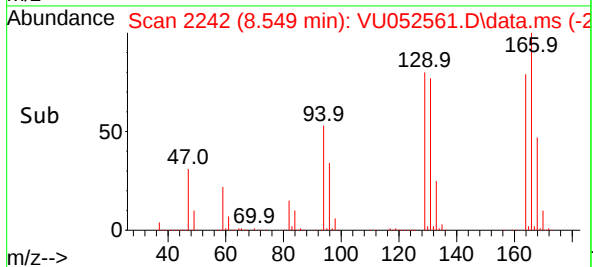
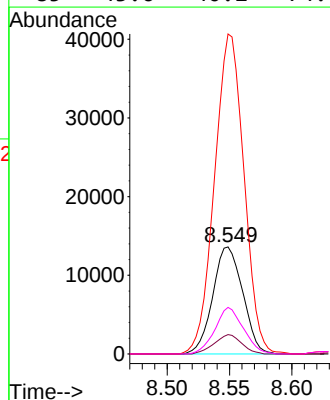
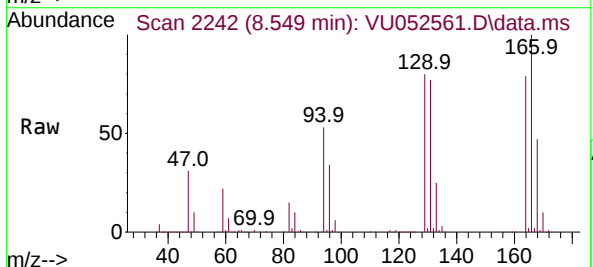
Instrument :
MSVOA_U
ClientSampleId :
GBQD0

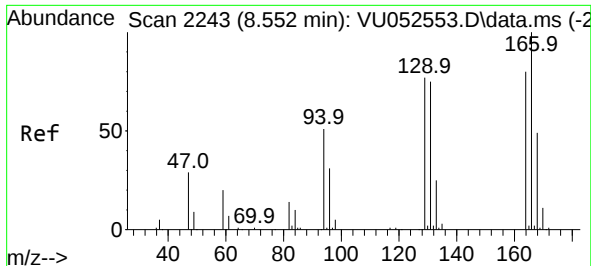
Tgt Ion: 63 Resp: 9102
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



#45
1,1,2-Trichloroethane
Concen: 1.775 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.151 min
Lab File: VU052561.D
Acq: 27 Dec 2022 13:54

Tgt Ion: 97 Resp: 22786
Ion Ratio Lower Upper
97 100
99 18.1 42.0 78.0#
83 299.1 63.2 117.4#
85 43.6 40.2 74.6

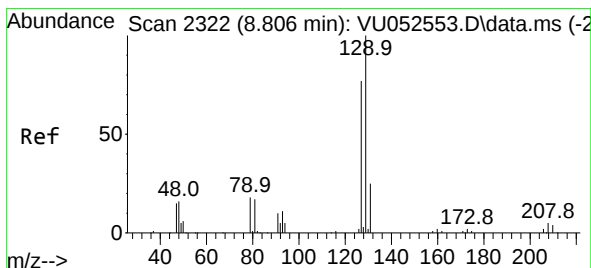
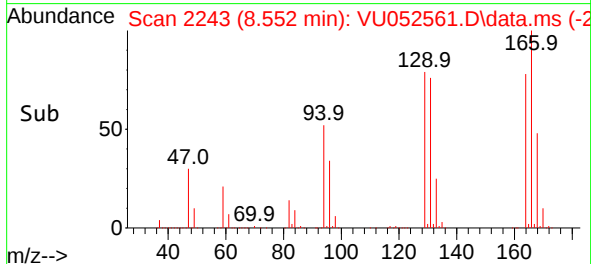
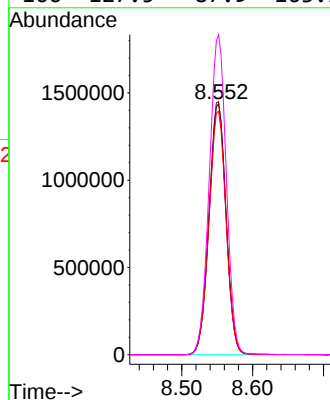
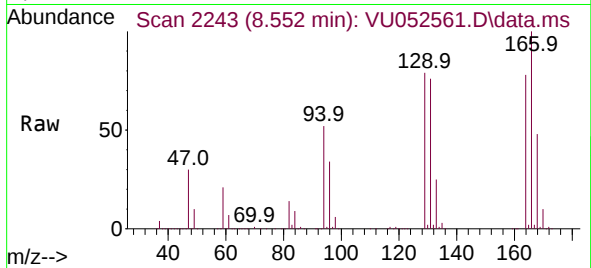




#47
Tetrachloroethene
Concen: 227.188 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052561.D
Acq: 27 Dec 2022 13:54

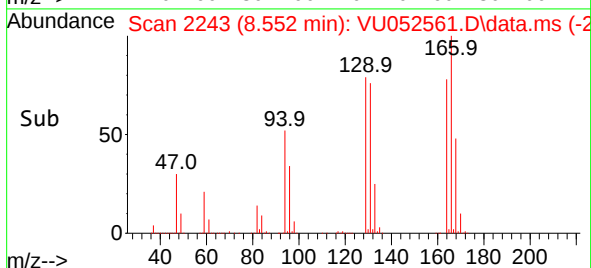
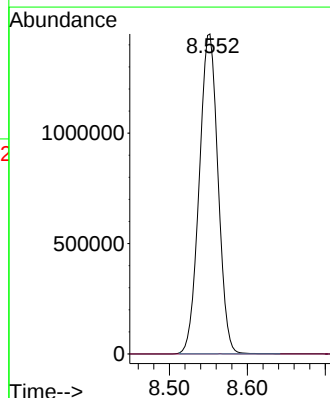
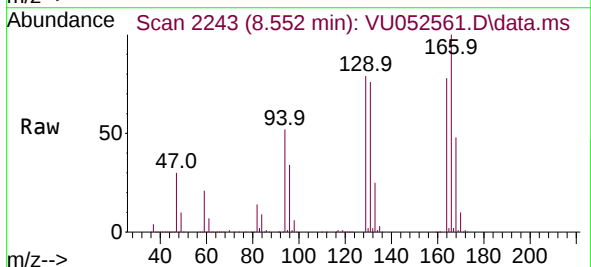
Instrument :
MSVOA_U
ClientSampleId :
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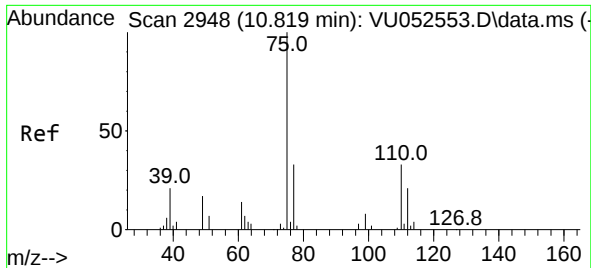
Tgt Ion:164 Resp: 2408690
Ion Ratio Lower Upper
164 100
129 100.8 68.1 126.5
131 97.0 66.5 123.5
166 127.5 87.9 163.3



#49
Dibromochloromethane
Concen: 177.781 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.254 min
Lab File: VU052561.D
Acq: 27 Dec 2022 13:54

Tgt Ion:129 Resp: 2417279
Ion Ratio Lower Upper
129 100
127 0.0 54.2 100.6#





#61

1,2,3-Trichloropropane

Concen: 0.952 ug/L

RT: 11.803 min Scan# 31

Delta R.T. 0.984 min

Lab File: VU052561.D

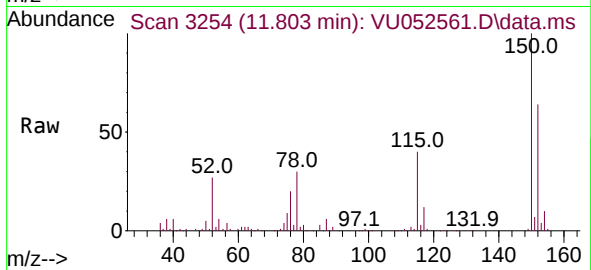
Acq: 27 Dec 2022 13:54

Instrument :

MSVOA_U

ClientSampleId :

GBQD0



Tgt Ion:	75	Resp:	11504
Ion	Ratio	Lower	Upper
75	100		
110	2.7	27.9	41.9#
77	31.5	25.9	38.9

