

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051923\
 Data File : VU054221.D
 Acq On : 19 May 2023 15:52
 Operator : JC/MD
 Sample : 02843-22
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBWZ6

Quant Time: May 20 02:09:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 20 02:06:23 2023
 Response via : Initial Calibration

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

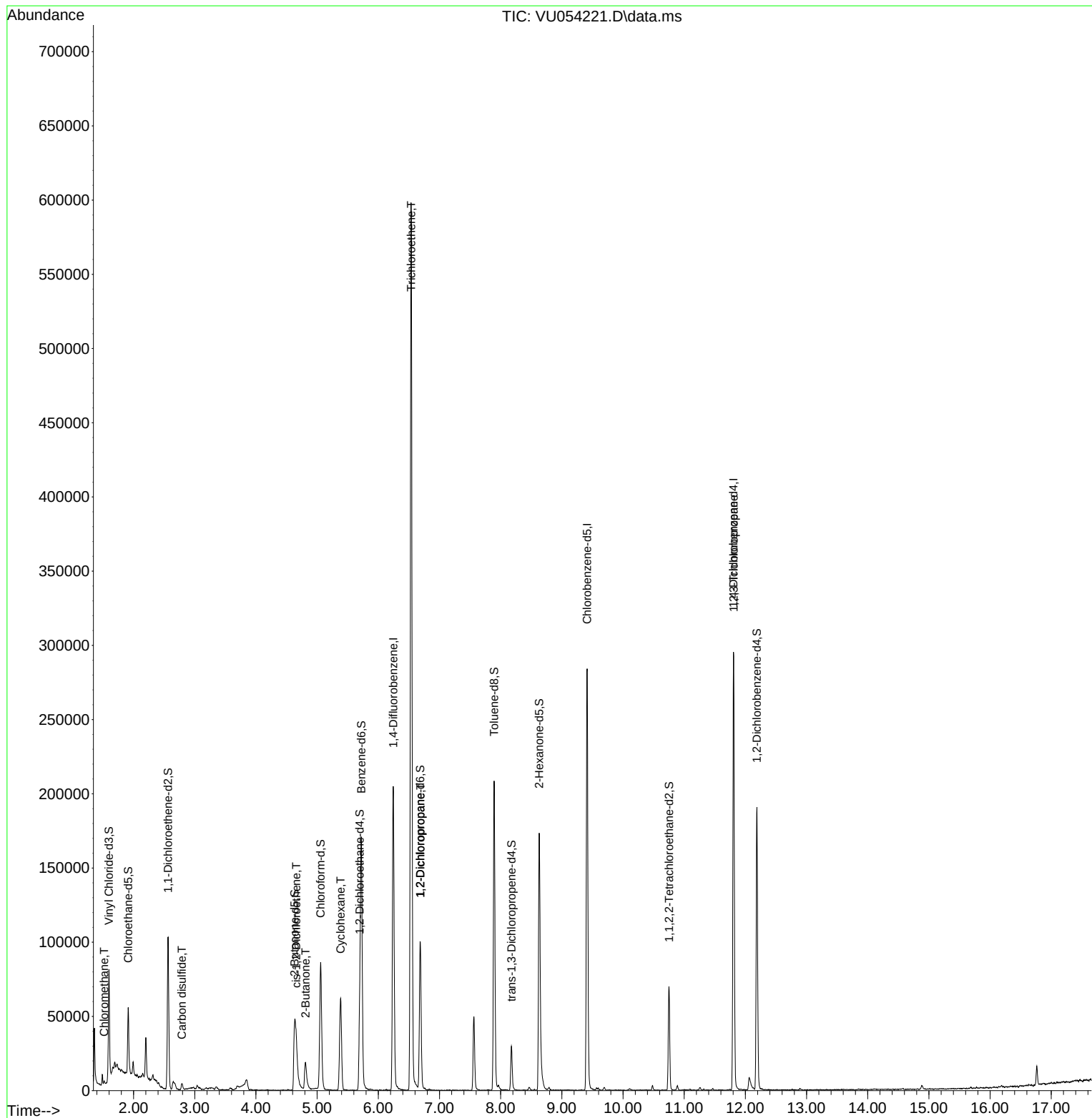
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	175903	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	166070	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	82559	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43195	4.555	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.912	69	34439	4.854	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.562	65	19827	4.629	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	4.633	46	87806	51.919	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.840%
24) Chloroform-d	5.057	84	80778	4.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.697	65	39834	4.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.723	84	163674	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.684	67	49893	5.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.893	98	143365	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.176	79	18888	4.784	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.629	63	61577	52.381	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.760%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35677	5.092	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	52791	5.240	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1888	0.153	ug/L	100
14) Carbon disulfide	2.790	76	5957	0.220	ug/L	100
21) 2-Butanone	4.809	43	26194	8.595	ug/L #	47
22) cis-1,2-Dichloroethene	4.658	96	7722	0.603	ug/L	86
30) Cyclohexane	5.385	56	29579	1.748	ug/L	98
34) Trichloroethene	6.536	95	204836	16.204	ug/L	97
37) 1,2-Dichloropropane	6.687	63	5255	0.426	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	9618	1.437	ug/L #	62

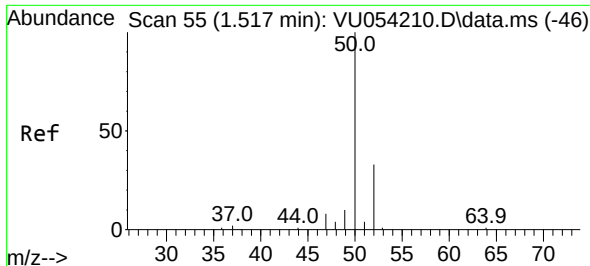
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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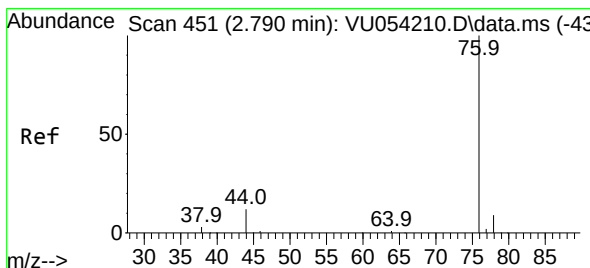
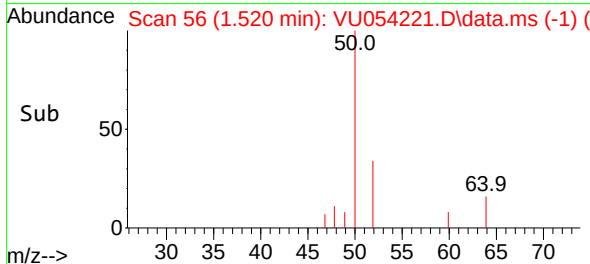
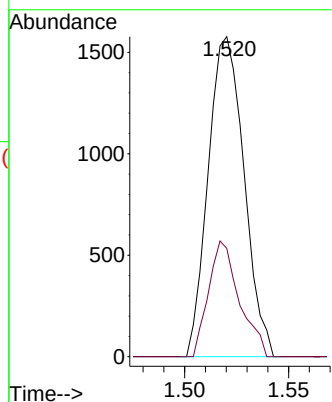
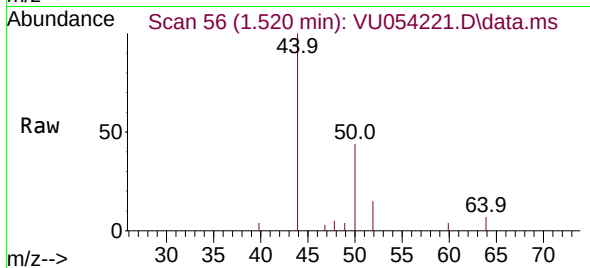




#3
Chloromethane
Concen: 0.153 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.003 min
Lab File: VU054221.D
Acq: 19 May 2023 15:52

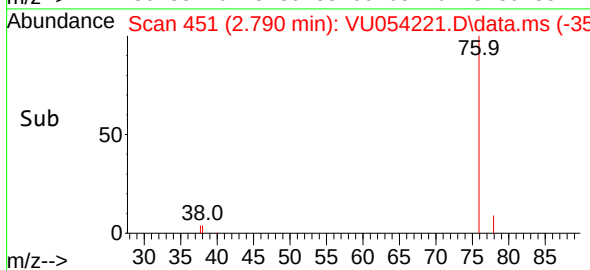
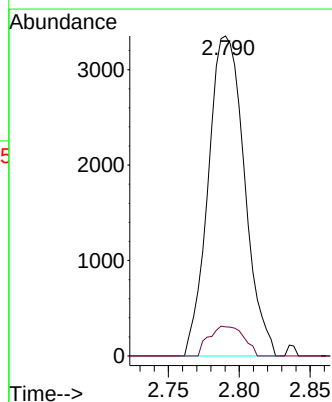
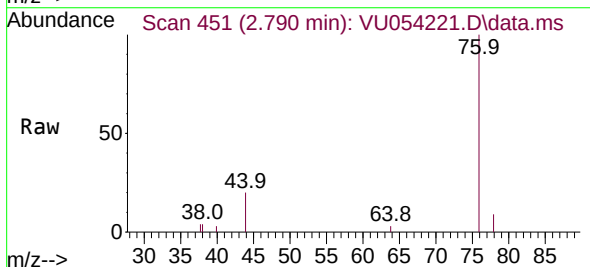
Instrument :
MSVOA_U
ClientSampleId :
GBWZ6

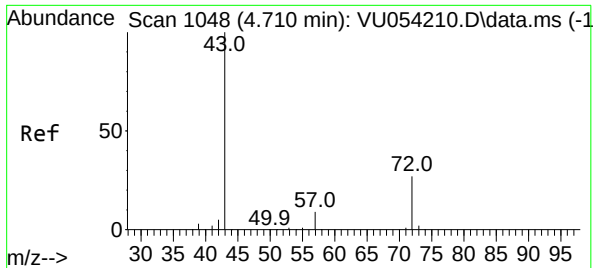
Tgt Ion: 50 Resp: 1888
Ion Ratio Lower Upper
50 100
52 33.9 23.7 44.1



#14
Carbon disulfide
Concen: 0.220 ug/L
RT: 2.790 min Scan# 451
Delta R.T. 0.000 min
Lab File: VU054221.D
Acq: 19 May 2023 15:52

Tgt Ion: 76 Resp: 5957
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0





#21

2-Butanone

Concen: 8.595 ug/L

RT: 4.809 min Scan# 1079

Delta R.T. 0.100 min

Lab File: VU054221.D

Acq: 19 May 2023 15:52

Instrument :

MSVOA_U

ClientSampleId :

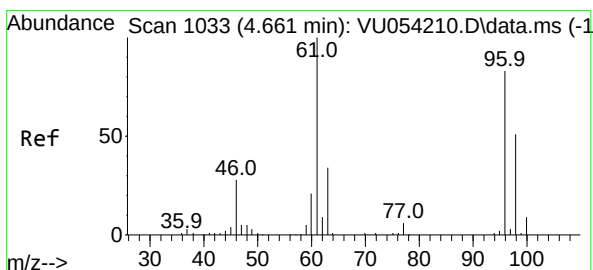
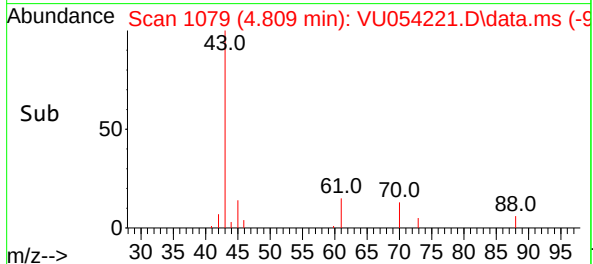
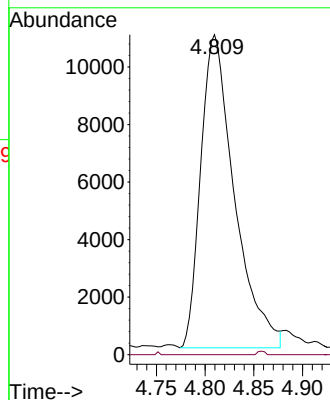
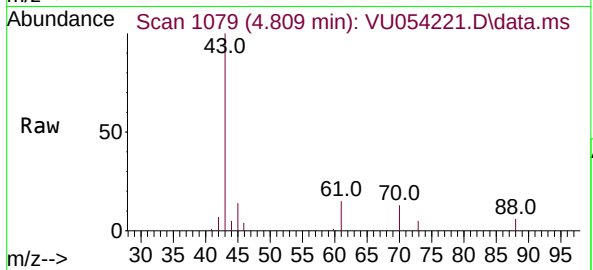
GBWZ6

Tgt Ion: 43 Resp: 26194

Ion Ratio Lower Upper

43 100

72 0.2 14.2 42.8#



#22

cis-1,2-Dichloroethene

Concen: 0.603 ug/L

RT: 4.658 min Scan# 1032

Delta R.T. -0.003 min

Lab File: VU054221.D

Acq: 19 May 2023 15:52

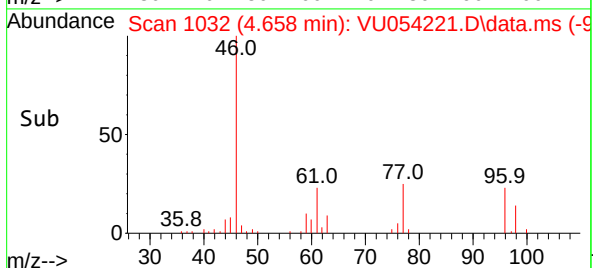
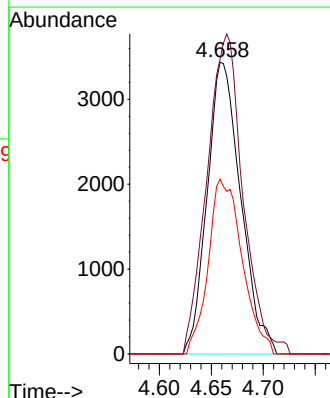
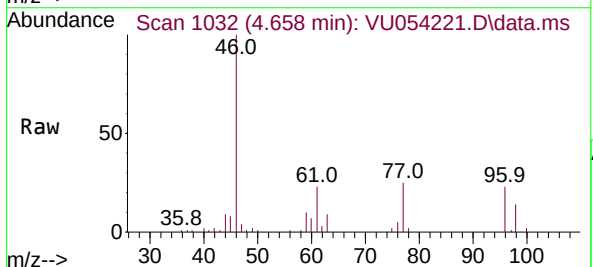
Tgt Ion: 96 Resp: 7722

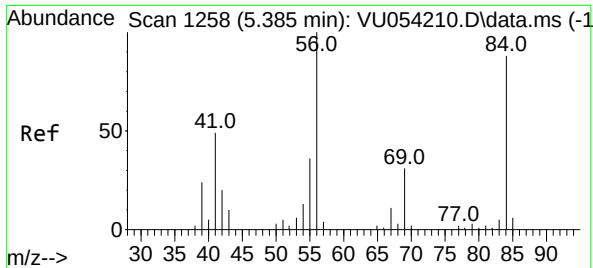
Ion Ratio Lower Upper

96 100

61 101.1 85.0 157.8

98 59.9 45.8 85.0

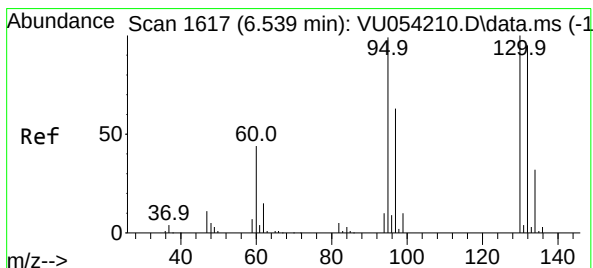
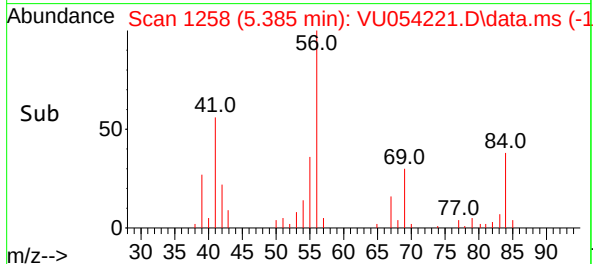
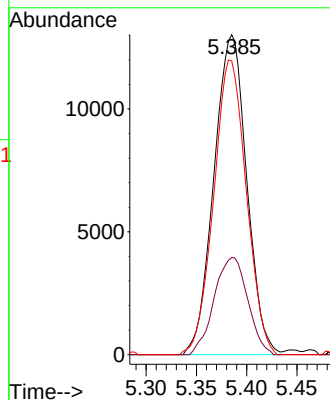
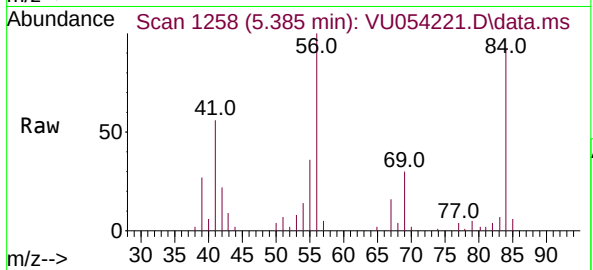




#30
Cyclohexane
Concen: 1.748 ug/L
RT: 5.385 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054221.D
Acq: 19 May 2023 15:52

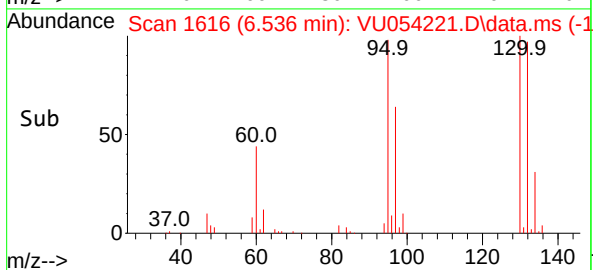
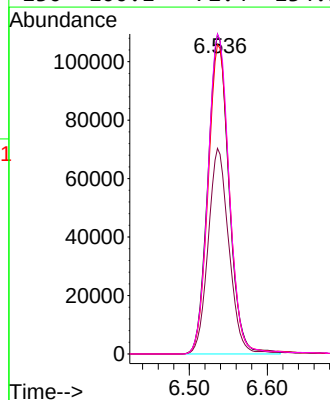
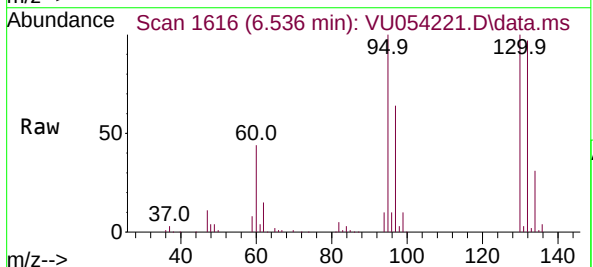
Instrument :
MSVOA_U
ClientSampleId :
GBWZ6

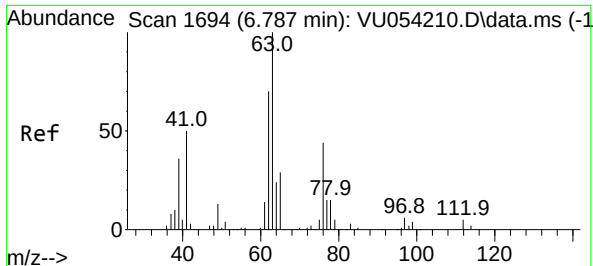
Tgt Ion:	56	Resp:	29579
Ion	Ratio	Lower	Upper
56	100		
69	31.0	26.2	39.4
84	91.5	74.2	111.4



#34
Trichloroethene
Concen: 16.204 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU054221.D
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Tgt Ion:	95	Resp:	204836
Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.8	85.0
132	96.8	70.1	130.3
130	100.1	72.4	134.5

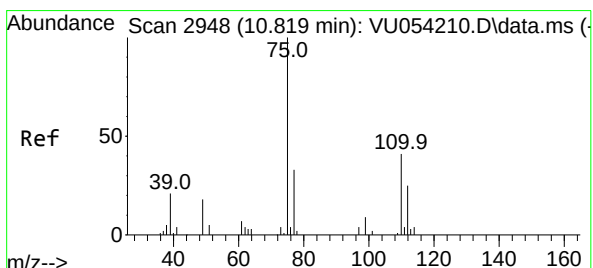
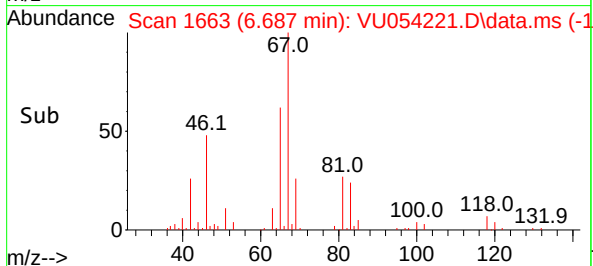
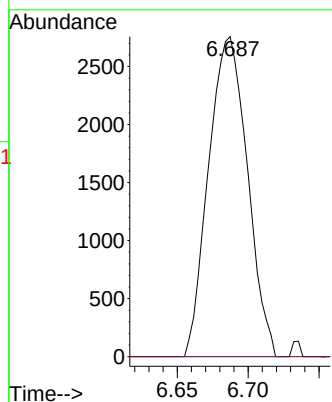
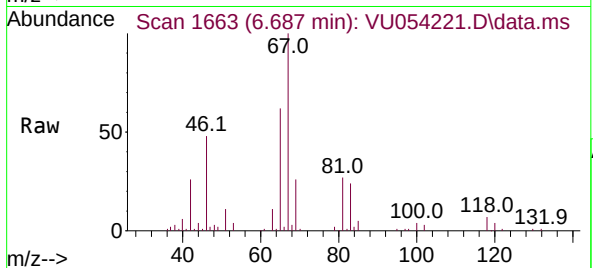




#37
1,2-Dichloropropane
Concen: 0.426 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU054221.D
Acq: 19 May 2023 15:52

Instrument :
MSVOA_U
ClientSampleId :
GBWZ6

Tgt Ion: 63 Resp: 5255
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#61
1,2,3-Trichloropropane
Concen: 1.437 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.991 min
Lab File: VU054221.D
Acq: 19 May 2023 15:52

Tgt Ion: 75 Resp: 9618
Ion Ratio Lower Upper
75 100
110 2.0 32.3 48.5#
77 27.5 26.3 39.5

