

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111122\
 Data File : VU051822.D
 Acq On : 11 Nov 2022 18:06
 Operator : JC/MD
 Sample : N5593-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD0

Quant Time: Nov 12 01:23:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 01:22:06 2022
 Response via : Initial Calibration

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

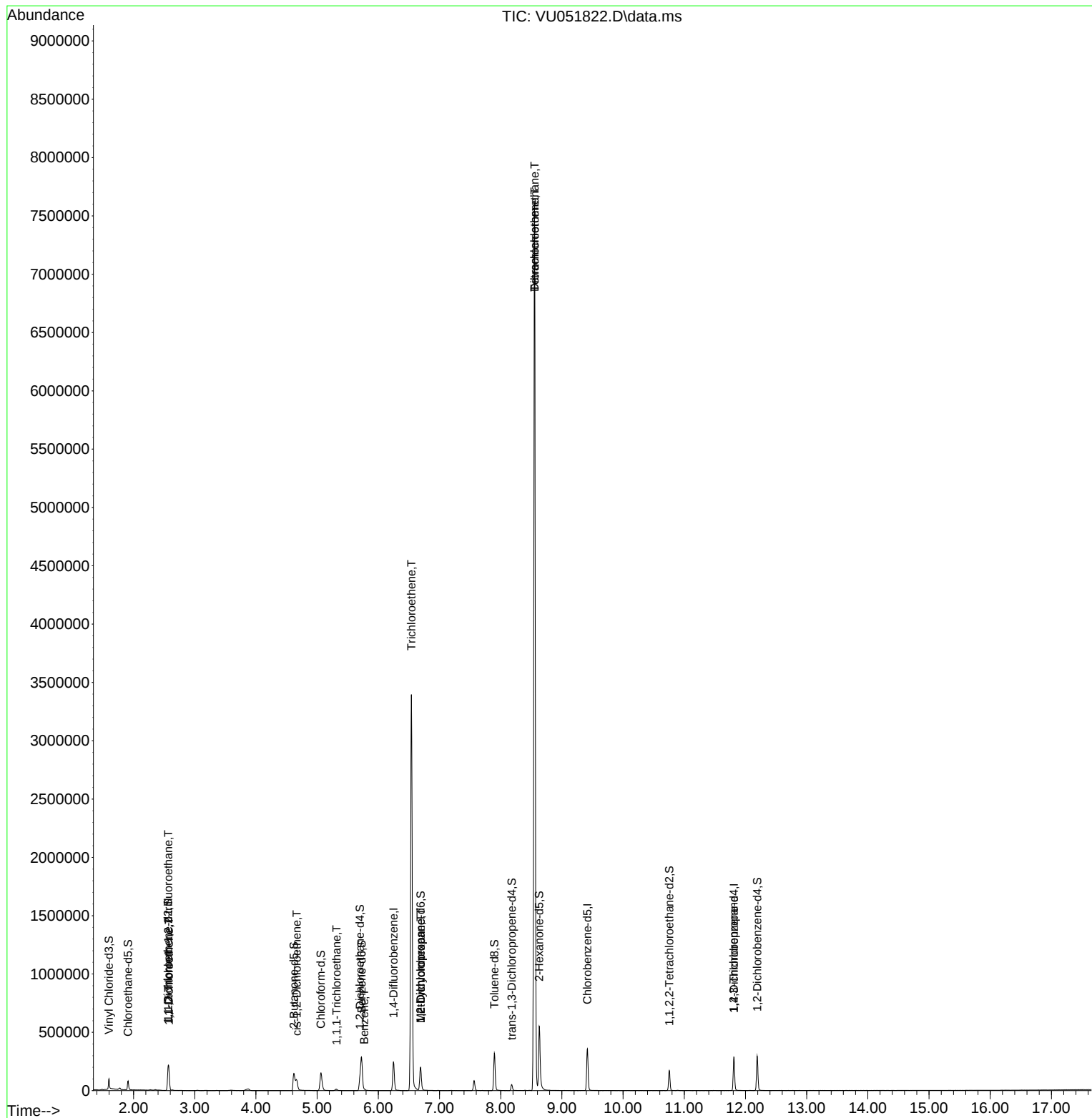
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	207099	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	210053	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	80801	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	63625	4.079	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.909	69	60747	3.734	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.562	65	26544	4.689	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.620	46	214189	37.917	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.840%
24) Chloroform-d	5.060	84	142119	3.894	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
26) 1,2-Dichloroethane-d4	5.700	65	78267	3.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
32) Benzene-d6	5.726	84	279094	4.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.691	67	99681	4.301	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.896	98	226772	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.179	79	30946	4.366	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.629	63	195687	45.867	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.740%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	90335	4.253	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	84386	5.690	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	936	0.053	ug/L #	19
12) 1,1-Dichloroethene	2.578	96	44842	2.491	ug/L #	82
22) cis-1,2-Dichloroethene	4.668	96	41838	1.957	ug/L	99
29) 1,1,1-Trichloroethane	5.318	97	9424	0.330	ug/L	96
33) Benzene	5.771	78	6826	0.082	ug/L	100
34) Trichloroethene	6.540	95	1169237	58.449	ug/L	99
35) Methylcyclohexane	6.691	83	22702	0.821	ug/L #	19
37) 1,2-Dichloropropane	6.691	63	10331	0.485	ug/L #	88
47) Tetrachloroethene	8.552	164	1713949	111.871	ug/L	94
49) Dibromochloromethane	8.552	129	1657292	92.855	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	9362	0.896	ug/L #	67

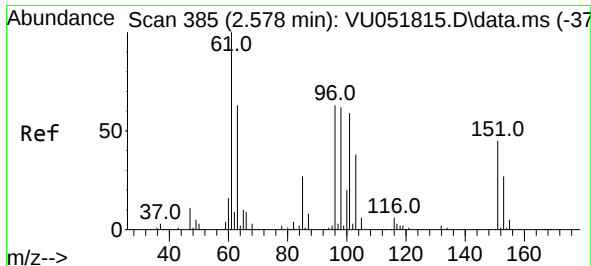
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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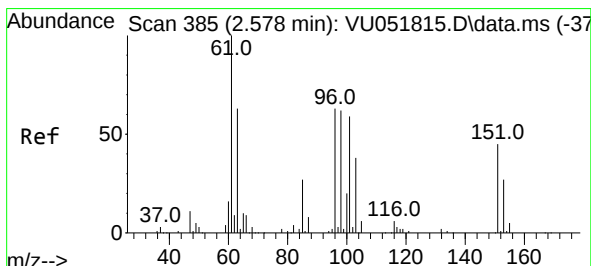
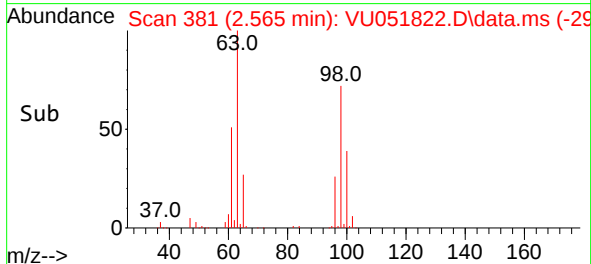
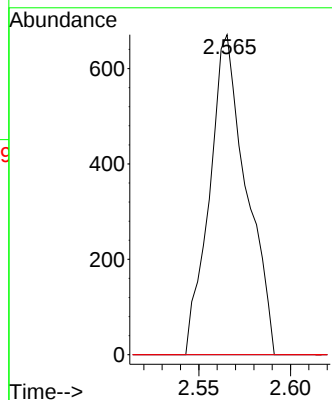
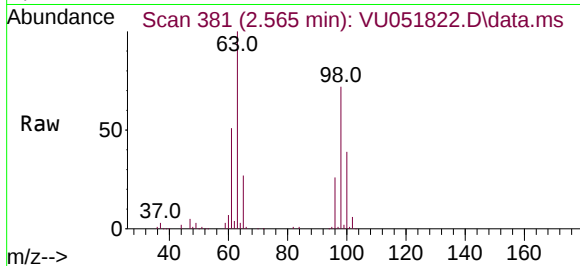




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.053 ug/L
 RT: 2.565 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VU051822.D
 Acq: 11 Nov 2022 18:06

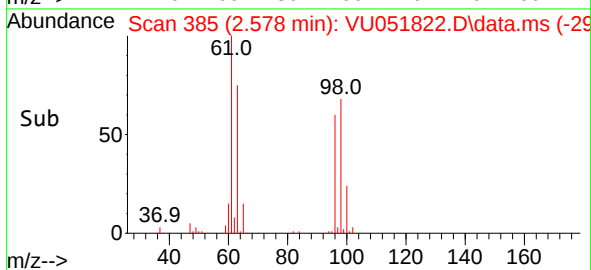
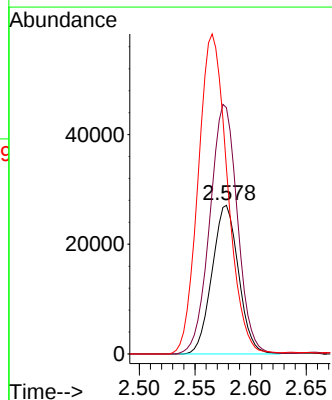
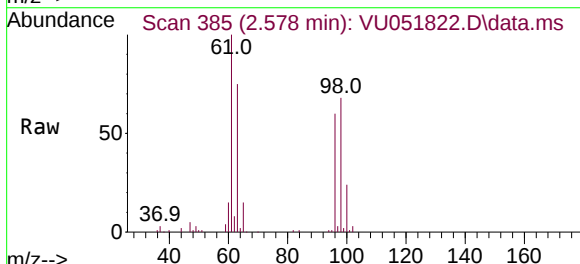
Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD0

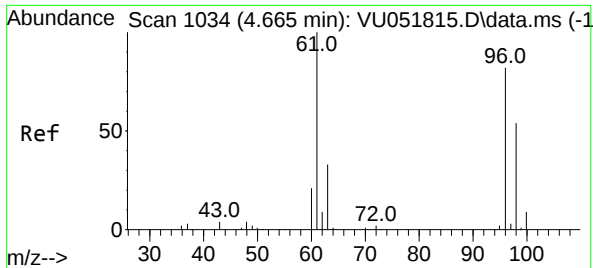
Tgt Ion:101 Resp: 936
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 59.6 89.4#



#12
 1,1-Dichloroethene
 Concen: 2.491 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051822.D
 Acq: 11 Nov 2022 18:06

Tgt Ion: 96 Resp: 44842
 Ion Ratio Lower Upper
 96 100
 61 165.7 108.8 202.0
 63 125.0 64.9 120.5#

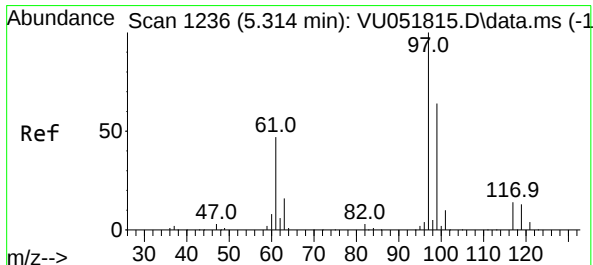
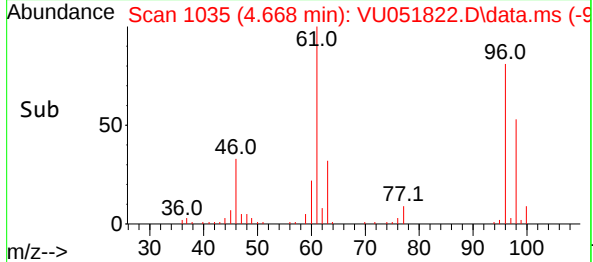
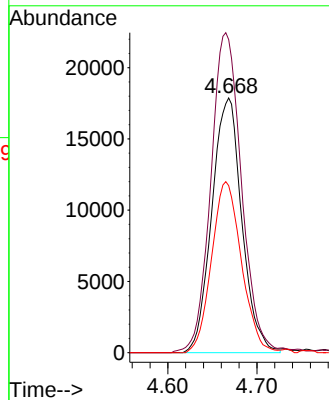
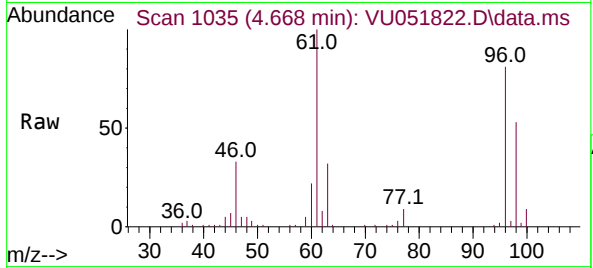




#22
 cis-1,2-Dichloroethene
 Concen: 1.957 ug/L
 RT: 4.668 min Scan# 1034
 Delta R.T. 0.004 min
 Lab File: VU051822.D
 Acq: 11 Nov 2022 18:06

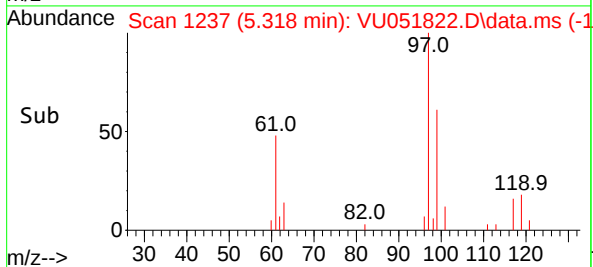
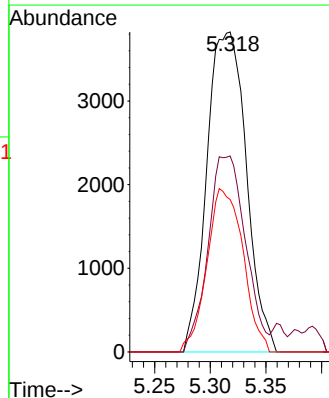
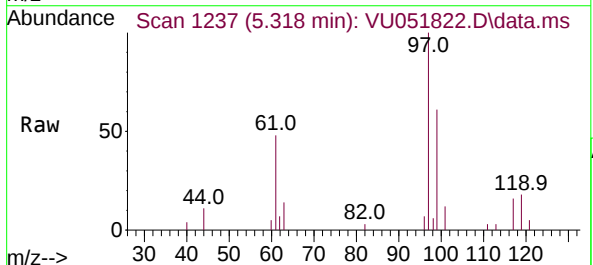
Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD0

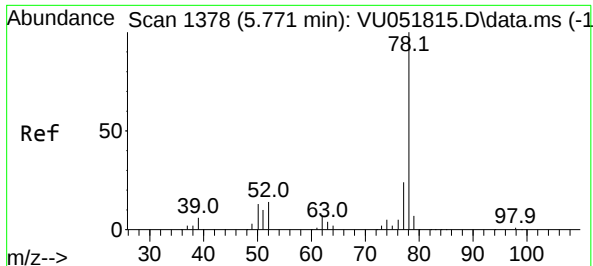
Tgt Ion: 96	Resp: 41838
Ion Ratio	Lower Upper
96 100	
61 122.9	86.4 160.4
98 65.6	44.2 82.2



#29
 1,1,1-Trichloroethane
 Concen: 0.330 ug/L
 RT: 5.318 min Scan# 1237
 Delta R.T. 0.004 min
 Lab File: VU051822.D
 Acq: 11 Nov 2022 18:06

Tgt Ion: 97	Resp: 9424
Ion Ratio	Lower Upper
97 100	
99 58.4	51.1 76.7
61 46.7	37.4 56.0

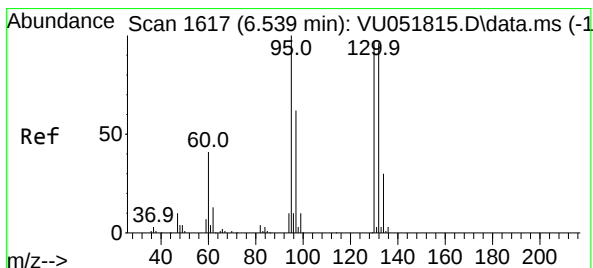
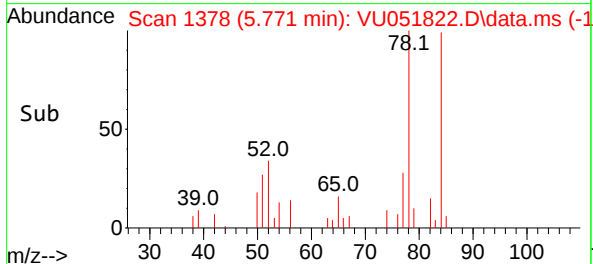
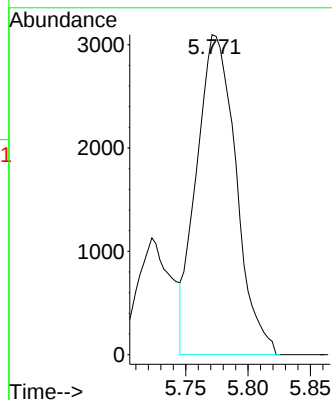
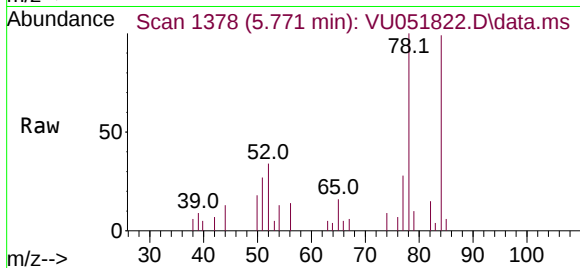




#33
Benzene
Concen: 0.082 ug/L
RT: 5.771 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051822.D
Acq: 11 Nov 2022 18:06

Instrument :
MSVOA_U
ClientSampleId :
H0AD0

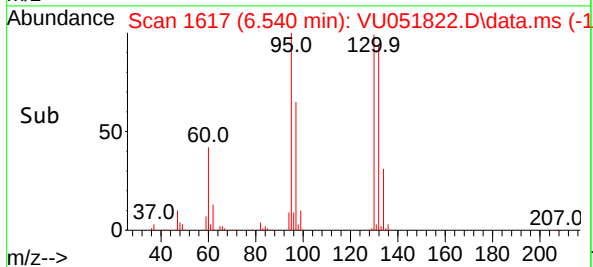
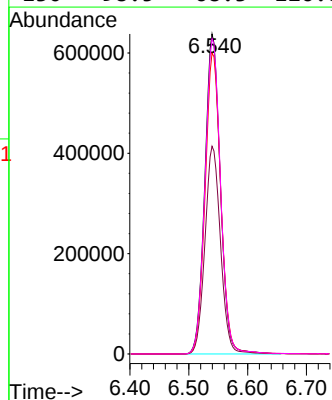
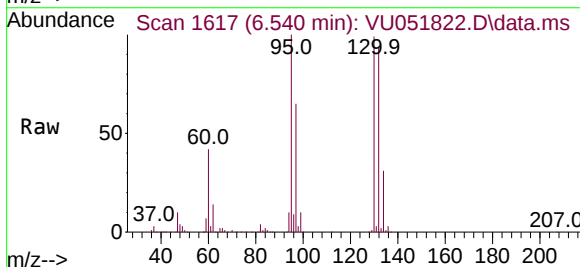
Tgt Ion: 78 Resp: 6826

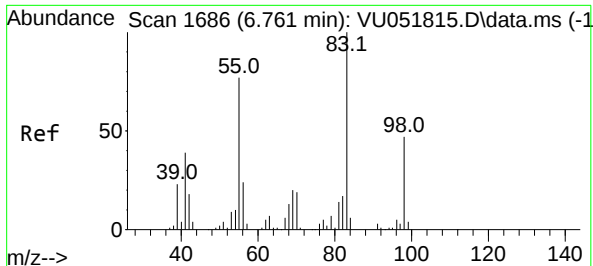


#34
Trichloroethene
Concen: 58.449 ug/L
RT: 6.540 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051822.D
Acq: 11 Nov 2022 18:06

Tgt Ion: 95 Resp: 1169237

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.2	84.0
132	94.0	66.5	123.5
130	98.5	68.3	126.8

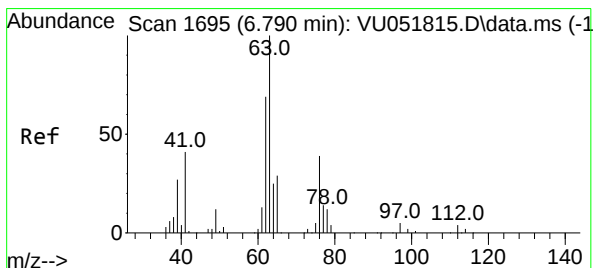
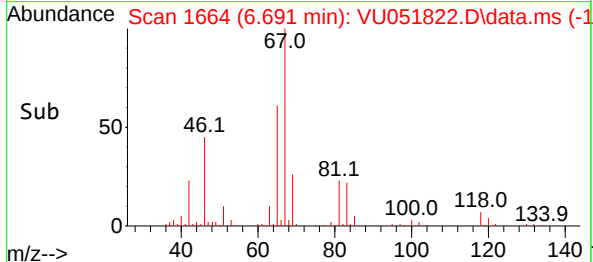
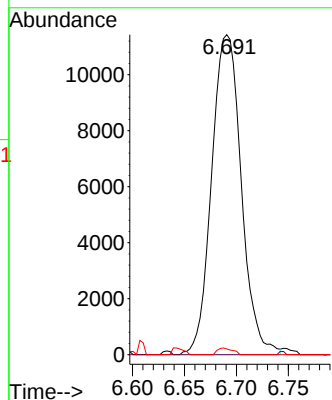
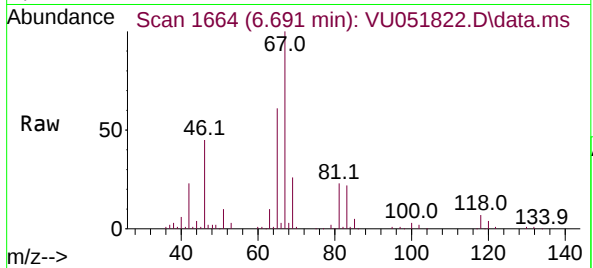




#35
Methylcyclohexane
Concen: 0.821 ug/L
RT: 6.691 min Scan# 1664
Delta R.T. -0.070 min
Lab File: VU051822.D
Acq: 11 Nov 2022 18:06

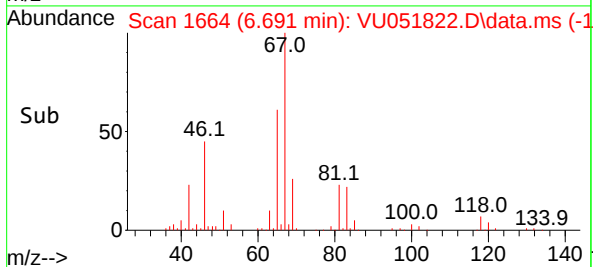
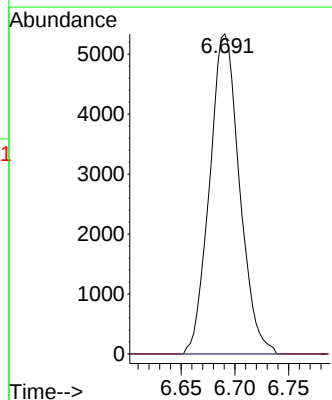
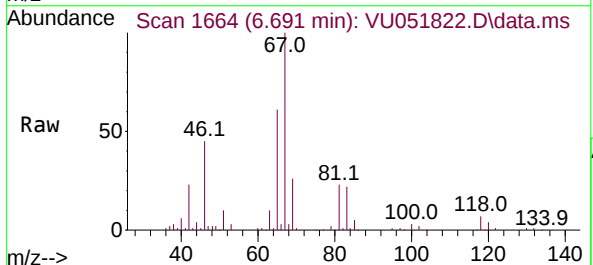
Instrument :
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ClientSampleId :
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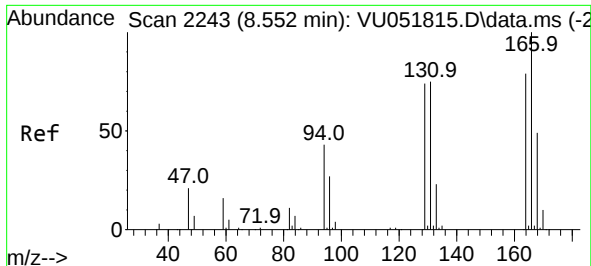
Tgt Ion: 83 Resp: 22702
Ion Ratio Lower Upper
83 100
55 0.2 60.6 90.8#
98 0.0 35.8 53.6#



#37
1,2-Dichloropropane
Concen: 0.485 ug/L
RT: 6.691 min Scan# 1664
Delta R.T. -0.099 min
Lab File: VU051822.D
Acq: 11 Nov 2022 18:06

Tgt Ion: 63 Resp: 10331
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#47

Tetrachloroethene

Concen: 111.871 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051822.D

Acq: 11 Nov 2022 18:06

Instrument :

MSVOA_U

ClientSampleId :

H0AD0

Tgt Ion:164 Resp: 1713949

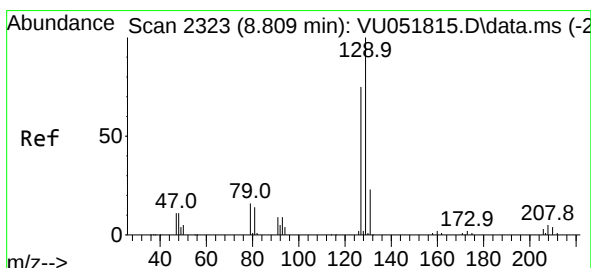
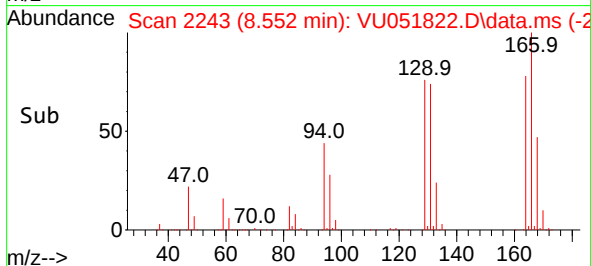
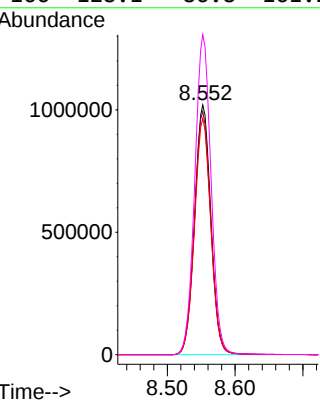
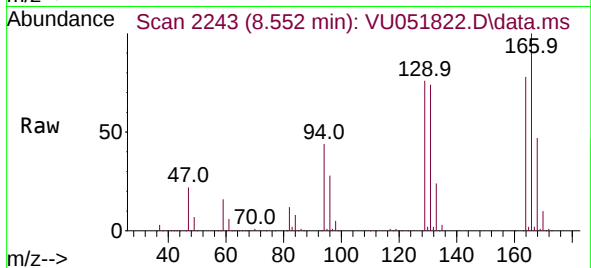
Ion Ratio Lower Upper

164 100

129 97.4 64.0 118.8

131 94.5 60.7 112.7

166 128.1 86.8 161.2



#49

Dibromochloromethane

Concen: 92.855 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.257 min

Lab File: VU051822.D

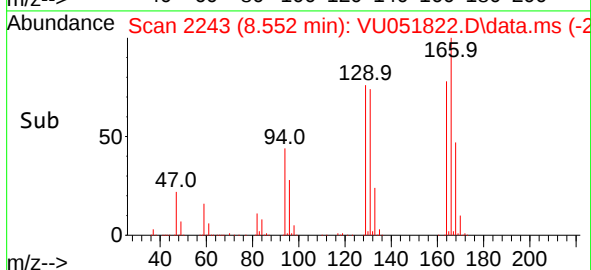
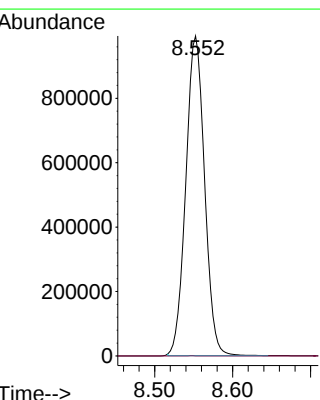
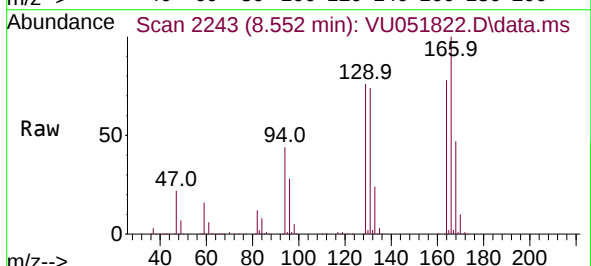
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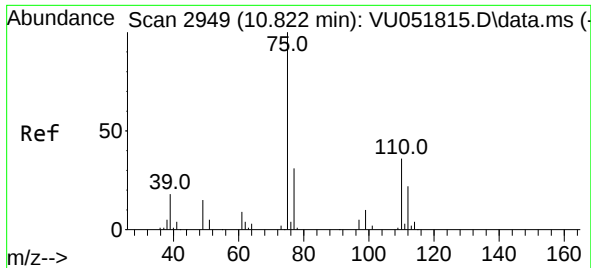
Tgt Ion:129 Resp: 1657292

Ion Ratio Lower Upper

129 100

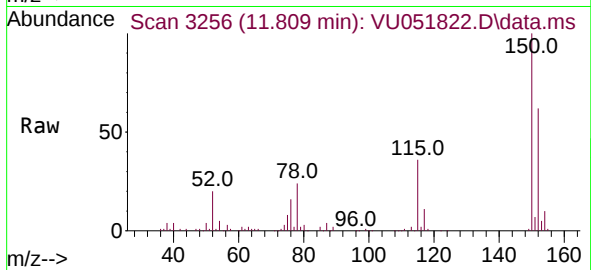
127 0.0 54.8 101.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.896 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU051822.D
 Acq: 11 Nov 2022 18:06

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD0



Tgt Ion: 75 Resp: 9362
 Ion Ratio Lower Upper
 75 100
 110 1.4 28.7 43.1#
 77 29.6 26.1 39.1

