

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046959.D
 Acq On : 01 Feb 2022 13:09
 Operator : SY/MD
 Sample : N1328-02DL2 250X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HM1DL2

Quant Time: Feb 02 02:03:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 02 02:02:08 2022
 Response via : Initial Calibration

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

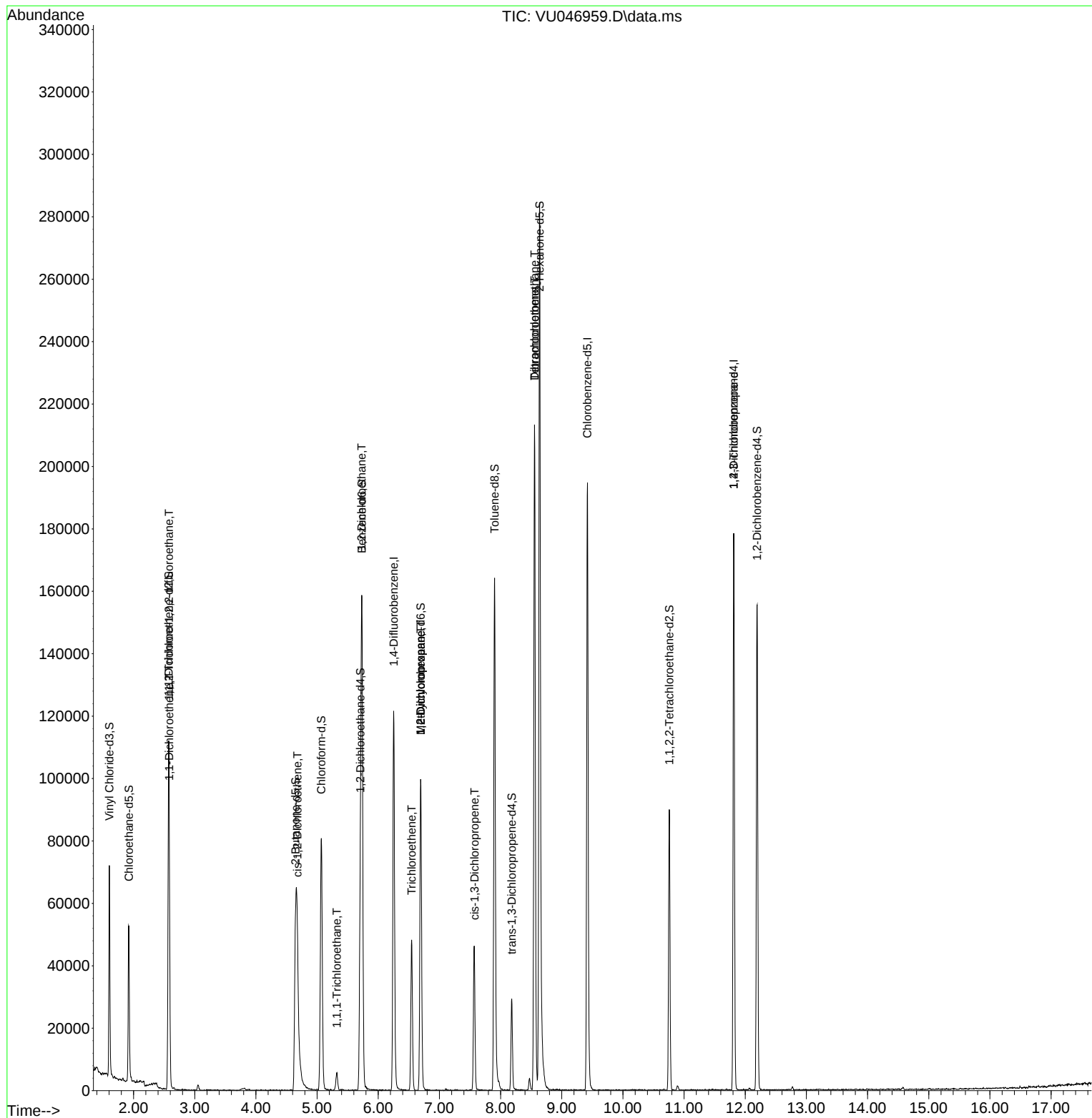
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	101626	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	114877	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47732	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	50136	5.822	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.400%
7) Chloroethane-d5	1.922	69	39038	5.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.000%
11) 1,1-Dichloroethene-d2	2.575	65	19984	5.834	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.600%
20) 2-Butanone-d5	4.649	46	132592	51.974	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.940%
24) Chloroform-d	5.070	84	77760	5.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.706	65	43222	5.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.732	84	155801	4.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.694	67	49352	4.868	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.902	98	119535	3.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	8.182	79	17727	3.982	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.639	63	107848	40.913	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.820%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45051	4.427	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	41577	4.645	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	490	0.083	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	6918	1.219	ug/L #	1
22) cis-1,2-Dichloroethene	4.678	96	10163	1.568	ug/L	91
27) 1,2-Dichloroethane	5.729	62	869	0.120	ug/L #	73
29) 1,1,1-Trichloroethane	5.324	97	4103	0.397	ug/L	97
34) Trichloroethene	6.546	95	16727	2.382	ug/L	97
35) Methylcyclohexane	6.694	83	11334	0.964	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	5354	0.807	ug/L #	88
39) cis-1,3-Dichloropropene	7.575	75	1117	0.108	ug/L #	61
47) Tetrachloroethene	8.555	164	49338	8.639	ug/L	93
49) Dibromochloromethane	8.555	129	48155	7.232	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6315	1.561	ug/L #	66

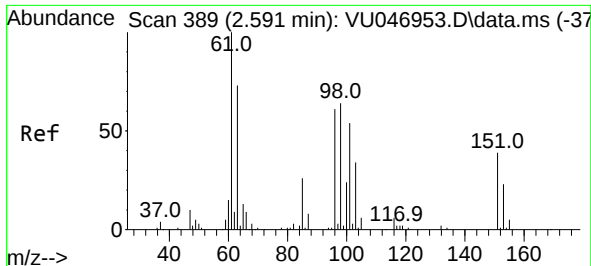
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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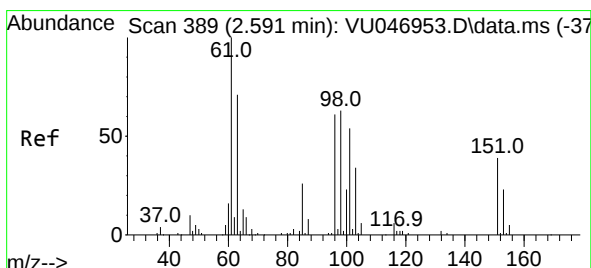
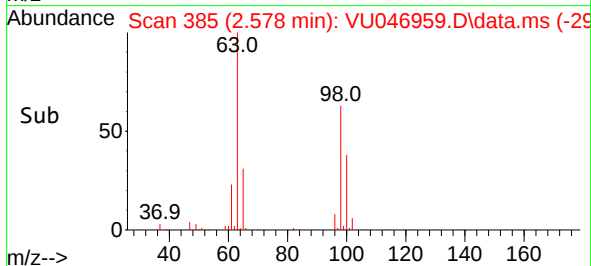
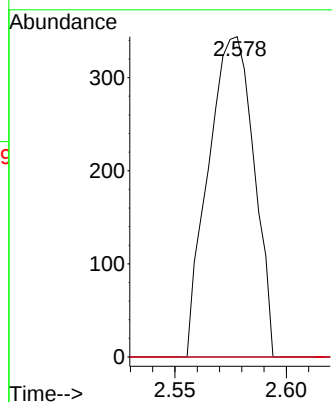
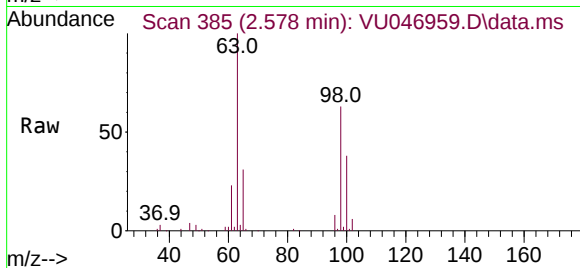




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.083 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.013 min
 Lab File: VU046959.D
 Acq: 01 Feb 2022 13:09

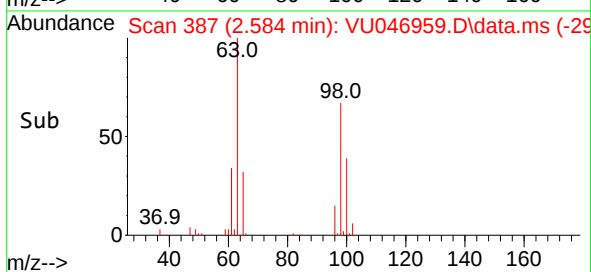
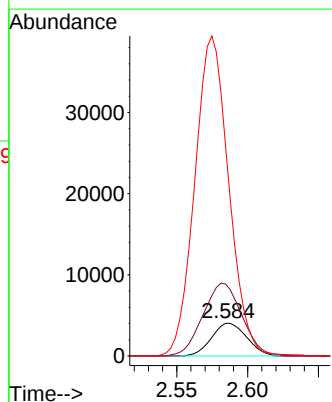
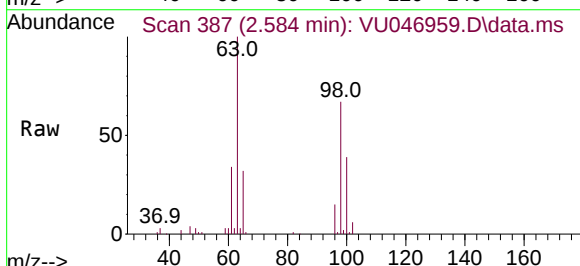
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HM1DL2

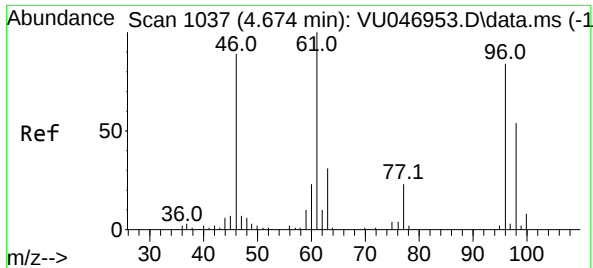
Tgt Ion:101 Resp: 490
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 1.219 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.006 min
 Lab File: VU046959.D
 Acq: 01 Feb 2022 13:09

Tgt Ion: 96 Resp: 6918
 Ion Ratio Lower Upper
 96 100
 61 220.7 124.7 231.5
 63 645.8 105.2 195.4#

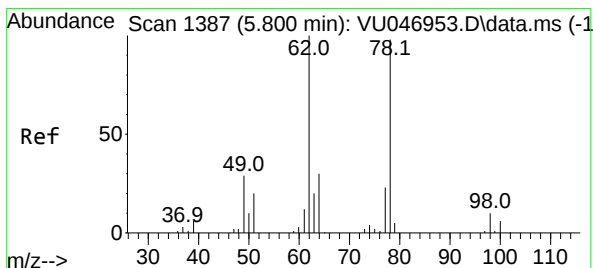
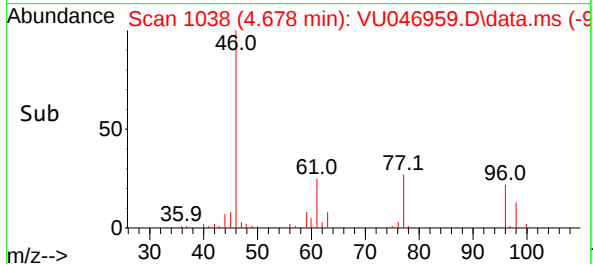
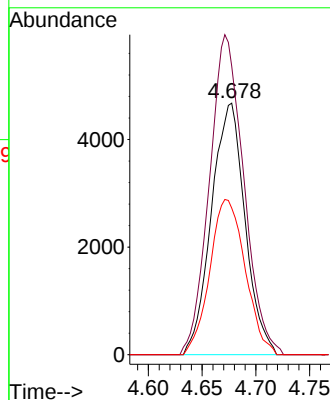
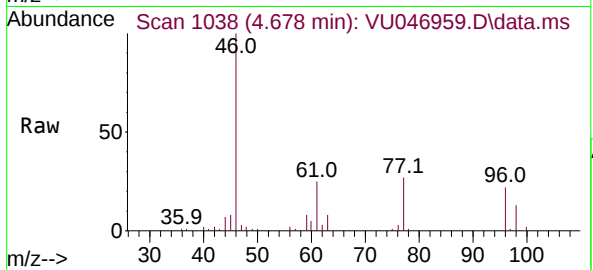




#22
 cis-1,2-Dichloroethene
 Concen: 1.568 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.003 min
 Lab File: VU046959.D
 Acq: 01 Feb 2022 13:09

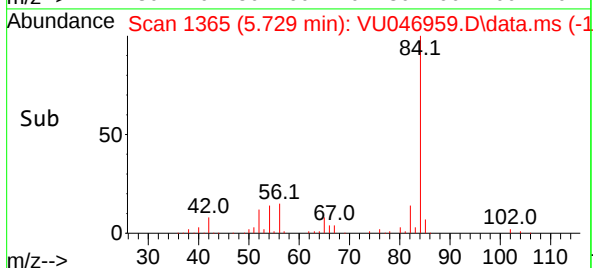
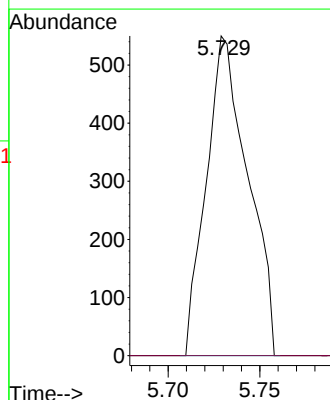
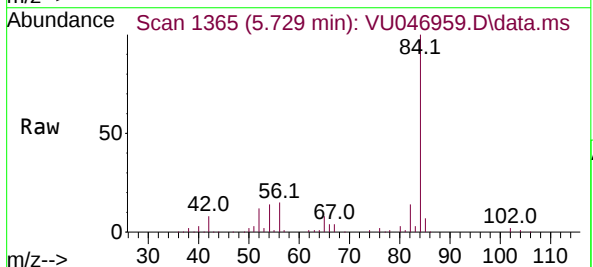
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HM1DL2

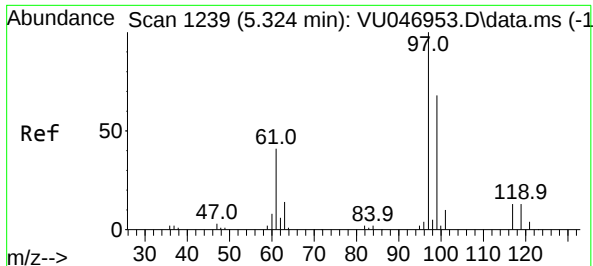
Tgt Ion: 96 Resp: 10163
 Ion Ratio Lower Upper
 96 100
 61 114.7 88.5 164.3
 98 58.3 44.4 82.5



#27
 1,2-Dichloroethane
 Concen: 0.120 ug/L
 RT: 5.729 min Scan# 1365
 Delta R.T. -0.071 min
 Lab File: VU046959.D
 Acq: 01 Feb 2022 13:09

Tgt Ion: 62 Resp: 869
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.8#





#29

1,1,1-Trichloroethane

Concen: 0.397 ug/L

RT: 5.324 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046959.D

Acq: 01 Feb 2022 13:09

Instrument :

MSVOA_U

ClientSampleId :

C0HM1DL2

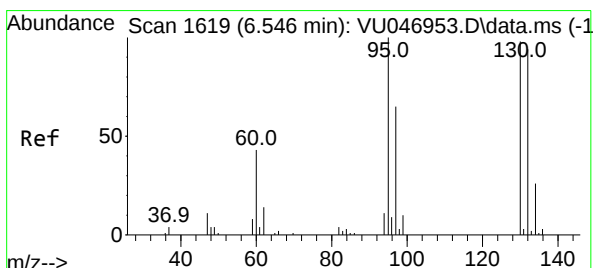
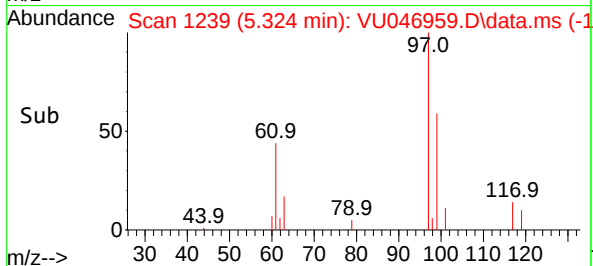
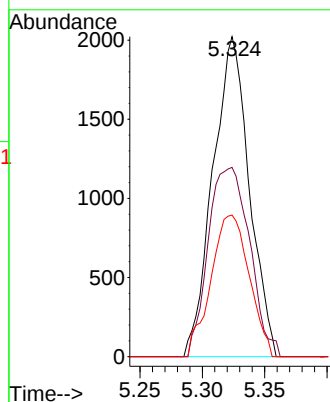
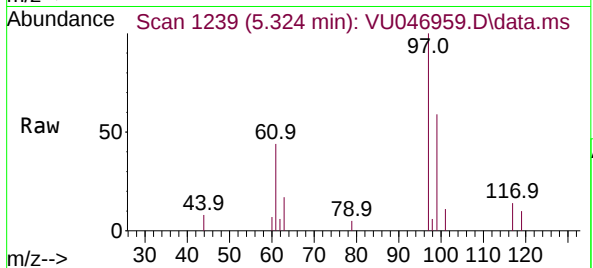
Tgt Ion: 97 Resp: 4103

Ion Ratio Lower Upper

97 100

99 67.5 51.3 76.9

61 46.6 36.1 54.1



#34

Trichloroethene

Concen: 2.382 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU046959.D

Acq: 01 Feb 2022 13:09

Tgt Ion: 95 Resp: 16727

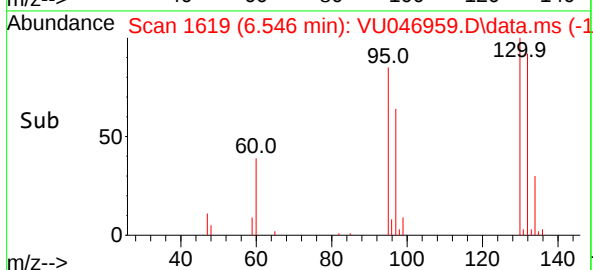
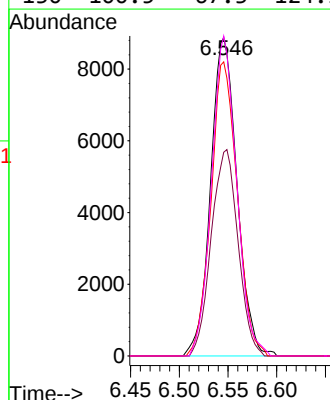
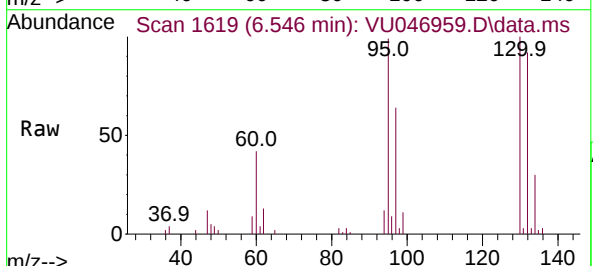
Ion Ratio Lower Upper

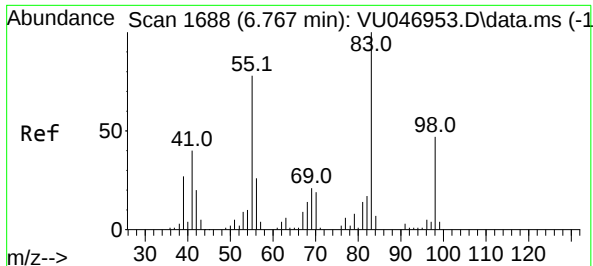
95 100

97 64.0 46.5 86.5

132 92.4 65.1 120.9

130 100.5 67.3 124.9

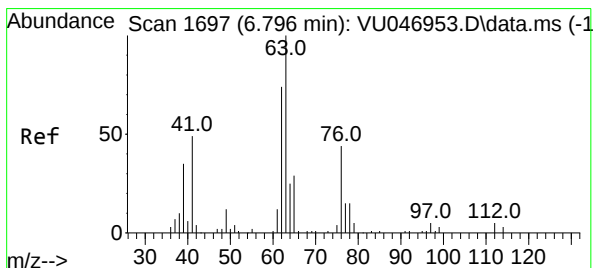
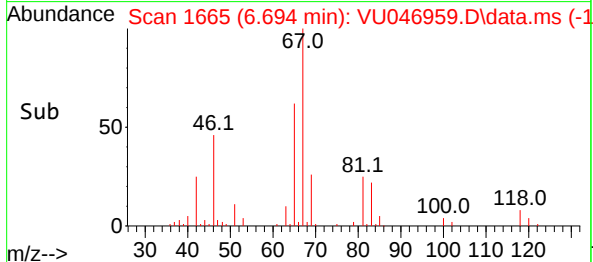
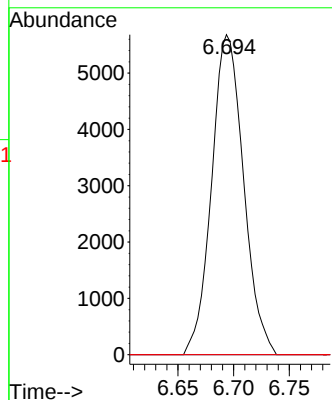
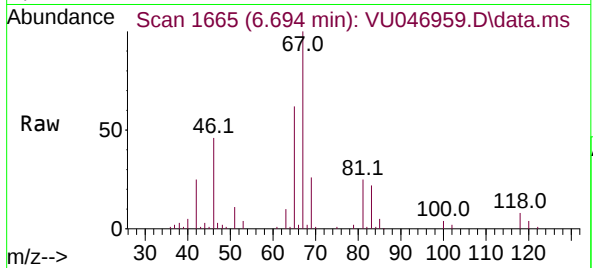




#35
Methylcyclohexane
Concen: 0.964 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046959.D
Acq: 01 Feb 2022 13:09

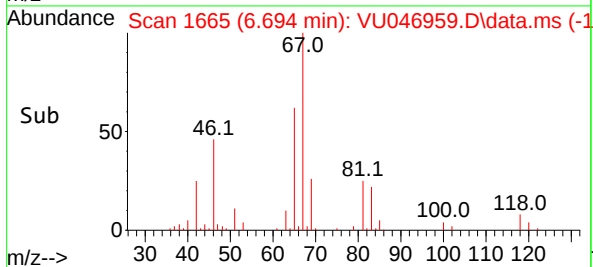
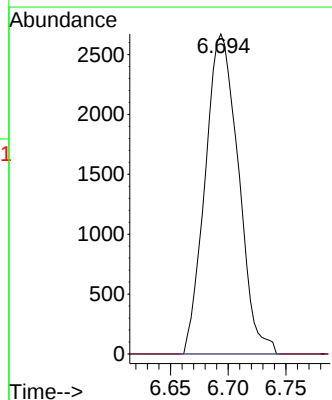
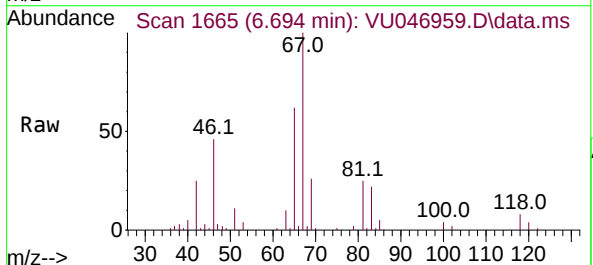
Instrument :
MSVOA_U
ClientSampleId :
C0HM1DL2

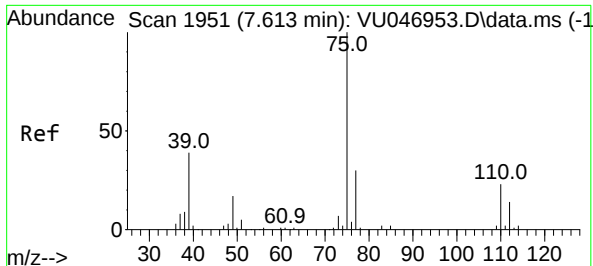
Tgt Ion: 83 Resp: 11334
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.2 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.807 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU046959.D
Acq: 01 Feb 2022 13:09

Tgt Ion: 63 Resp: 5354
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 7.575 min Scan# 1951

Delta R.T. -0.039 min

Lab File: VU046959.D

Acq: 01 Feb 2022 13:09

Instrument :

MSVOA_U

ClientSampleId :

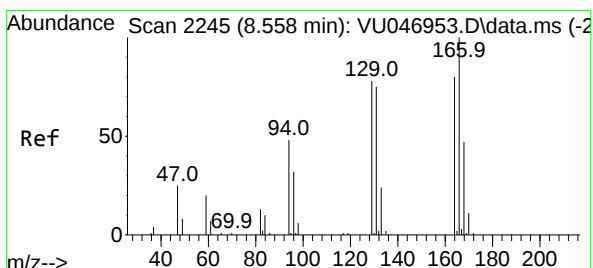
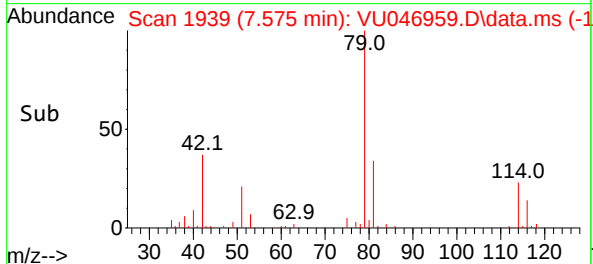
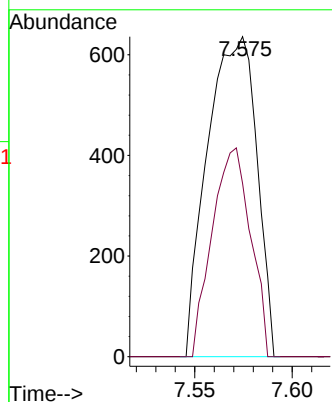
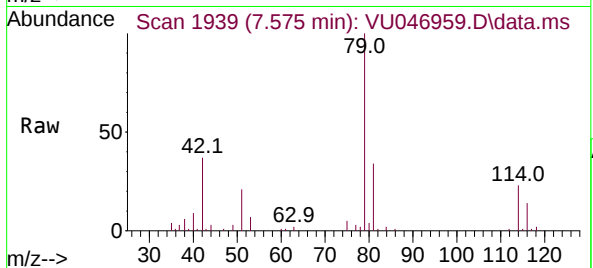
C0HM1DL2

Tgt Ion: 75 Resp: 1117

Ion Ratio Lower Upper

75 100

77 54.1 22.5 41.9#



#47

Tetrachloroethene

Concen: 8.639 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.003 min

Lab File: VU046959.D

Acq: 01 Feb 2022 13:09

Tgt Ion: 164 Resp: 49338

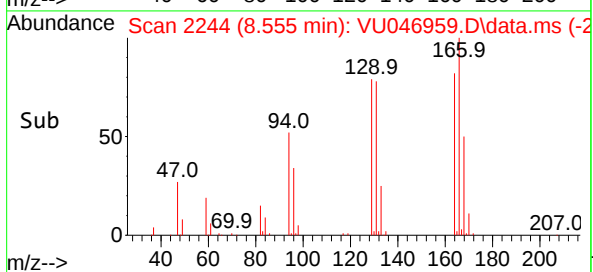
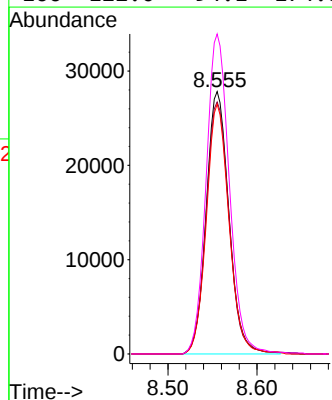
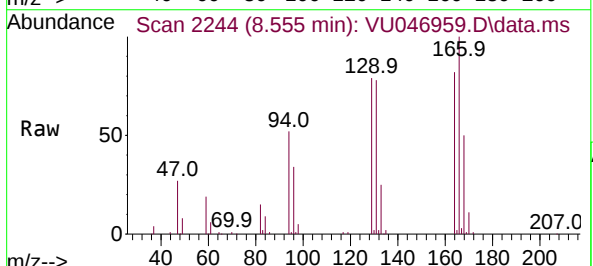
Ion Ratio Lower Upper

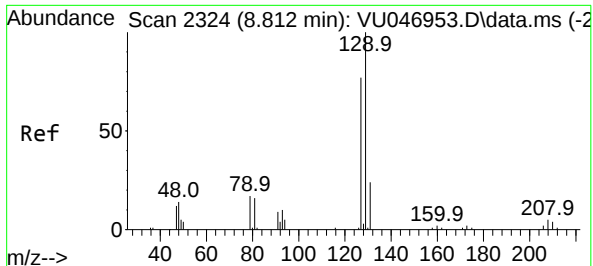
164 100

129 96.0 71.8 133.4

131 95.2 68.5 127.3

166 122.0 94.1 174.8

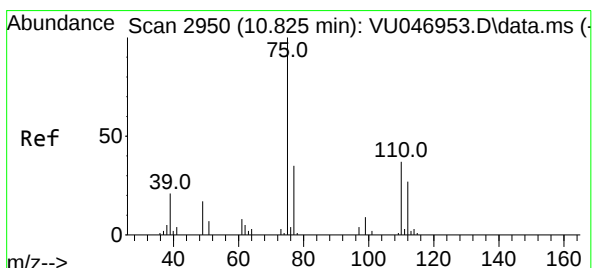
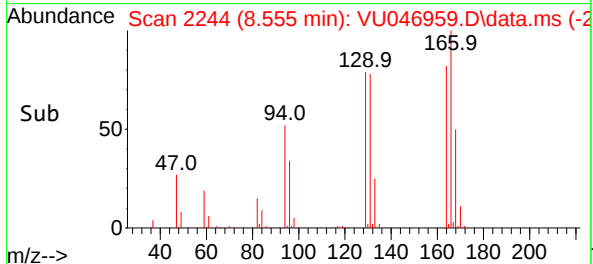
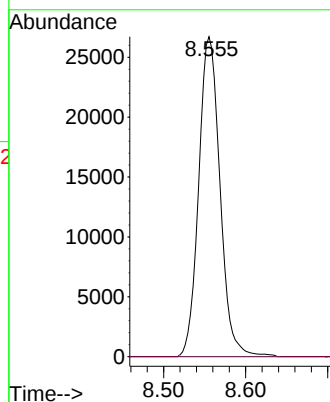
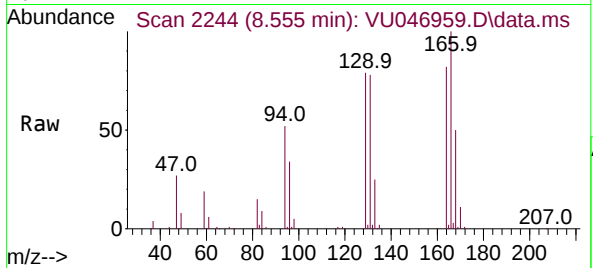




#49
Dibromochloromethane
Concen: 7.232 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU046959.D
Acq: 01 Feb 2022 13:09

Instrument :
MSVOA_U
ClientSampleId :
C0HM1DL2

Tgt Ion:129 Resp: 48155
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.561 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046959.D
Acq: 01 Feb 2022 13:09

Tgt Ion: 75 Resp: 6315
Ion Ratio Lower Upper
75 100
110 0.0 29.9 44.9#
77 32.7 25.5 38.3

