

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012822\
 Data File : VU046888.D
 Acq On : 28 Jan 2022 13:18
 Operator : SY/MD
 Sample : N1273-03DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HK2DL

Quant Time: Jan 29 00:40:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 00:38:36 2022
 Response via : Initial Calibration

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

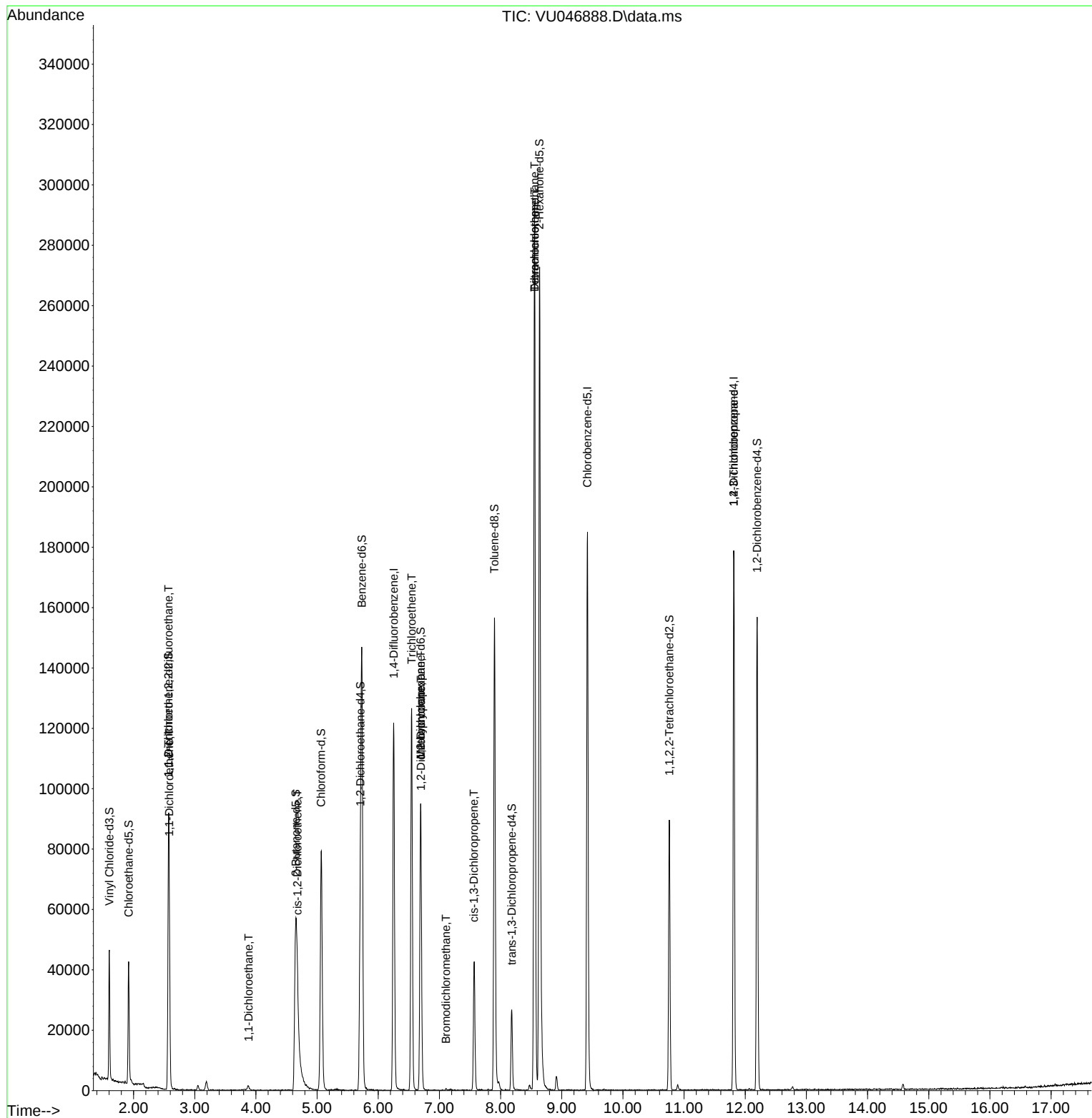
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	101628	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	107818	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48344	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31808	3.694	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.919	69	31380	4.625	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.572	65	15114	4.412	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.652	46	126420	49.554	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.100%
24) Chloroform-d	5.067	84	73548	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.707	65	41771	5.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.732	84	141419	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.694	67	47271	4.968	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.899	98	110774	3.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	8.182	79	16153	3.866	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.636	63	106057	42.868	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.740%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44214	4.629	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	42586	4.697	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	263	0.044	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	10133	1.786	ug/L #	45
19) 1,1-Dichloroethane	3.880	63	1801	0.175	ug/L	90
22) cis-1,2-Dichloroethene	4.678	96	4407	0.680	ug/L	98
34) Trichloroethene	6.546	95	44291	6.720	ug/L	97
35) Methylcyclohexane	6.694	83	10875	0.985	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	4766	0.765	ug/L #	88
38) Bromodichloromethane	7.108	83	434	0.048	ug/L #	70
39) cis-1,3-Dichloropropene	7.565	75	1028	0.106	ug/L #	62
47) Tetrachloroethene	8.555	164	66035	12.319	ug/L	95
49) Dibromochloromethane	8.555	129	65802	10.529	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5943	1.451	ug/L #	65

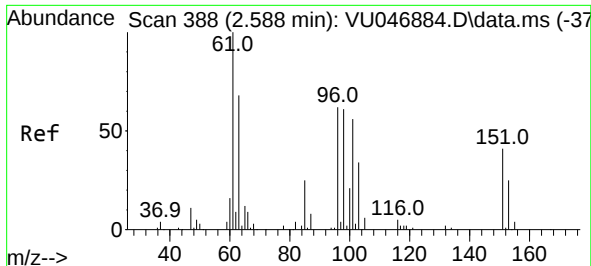
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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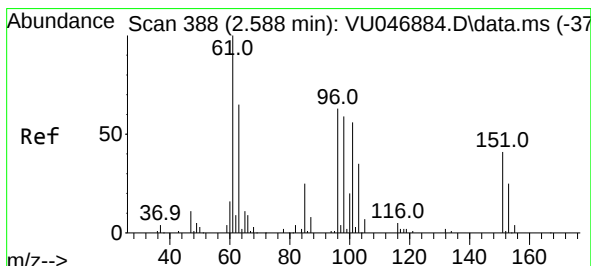
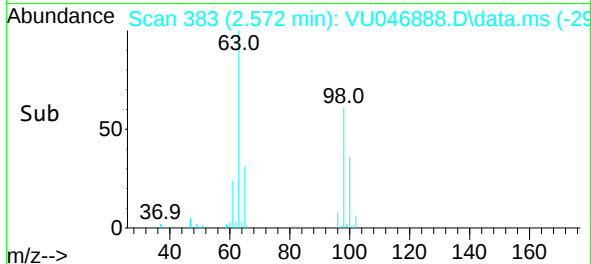
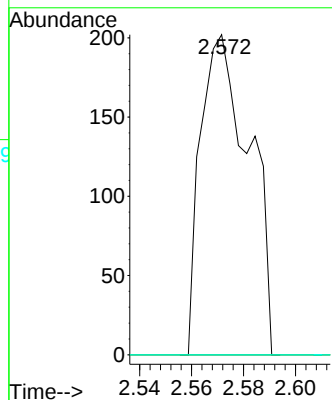
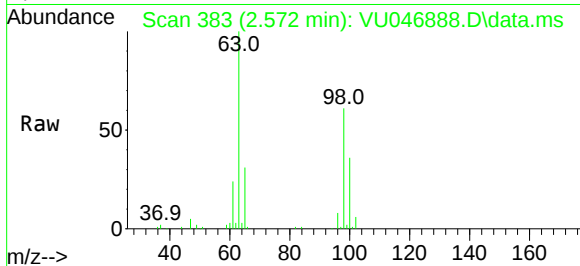




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.044 ug/L
RT: 2.572 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU046888.D
Acq: 28 Jan 2022 13:18

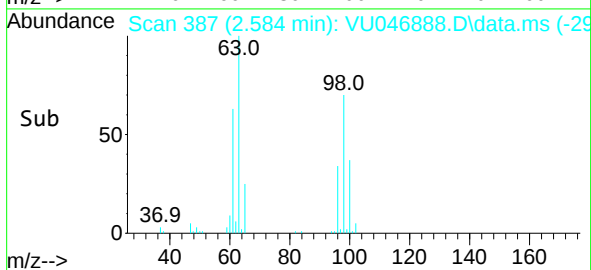
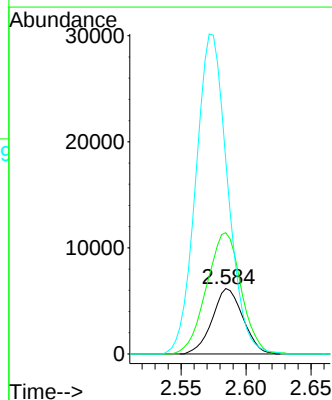
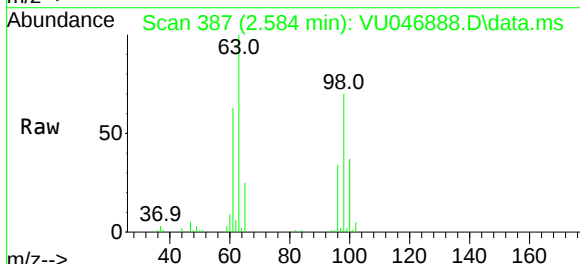
Instrument :
MSVOA_U
ClientSampleId :
C0HK2DL

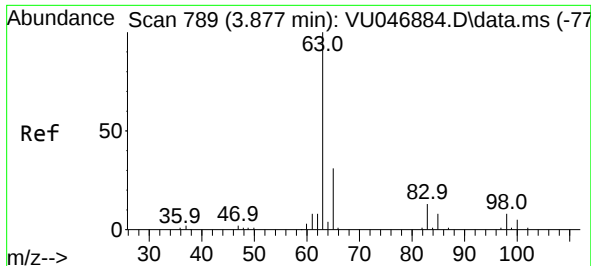
Tgt Ion:101 Resp: 263
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#12
1,1-Dichloroethene
Concen: 1.786 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU046888.D
Acq: 28 Jan 2022 13:18

Tgt Ion: 96 Resp: 10133
Ion Ratio Lower Upper
96 100
61 185.3 124.7 231.5
63 294.8 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.175 ug/L

RT: 3.880 min Scan# 790

Delta R.T. 0.003 min

Lab File: VU046888.D

Acq: 28 Jan 2022 13:18

Instrument :

MSVOA_U

ClientSampleId :

C0HK2DL

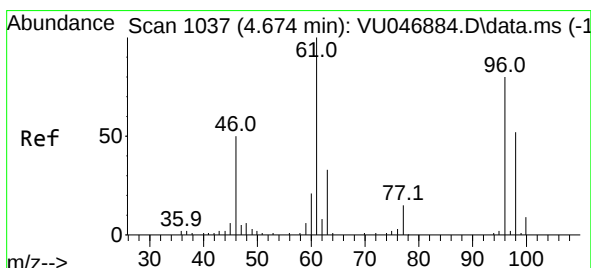
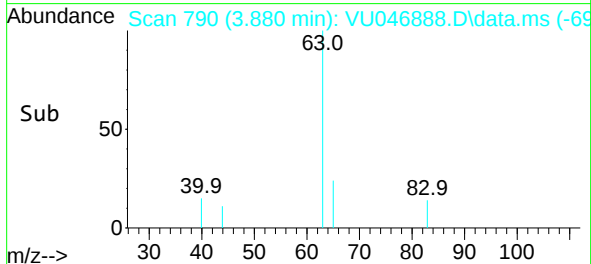
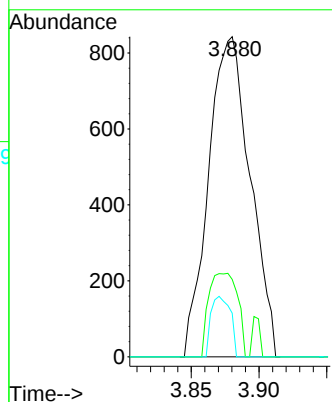
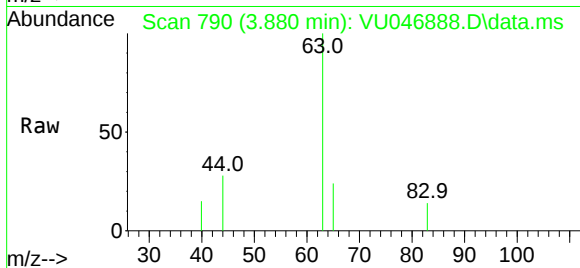
Tgt Ion: 63 Resp: 1801

Ion Ratio Lower Upper

63 100

65 24.2 22.3 41.5

83 13.6 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 0.680 ug/L

RT: 4.678 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VU046888.D

Acq: 28 Jan 2022 13:18

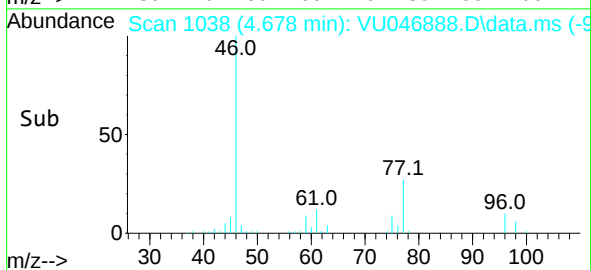
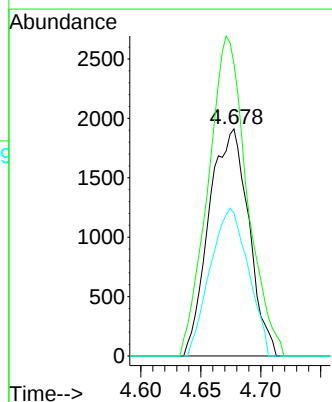
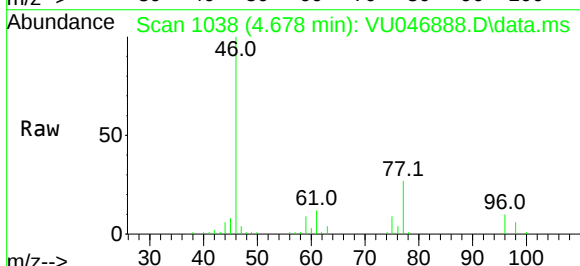
Tgt Ion: 96 Resp: 4407

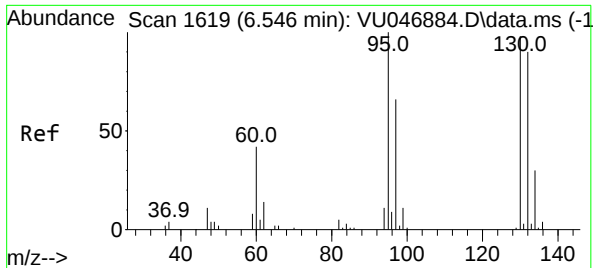
Ion Ratio Lower Upper

96 100

61 128.7 88.5 164.3

98 63.0 44.4 82.5

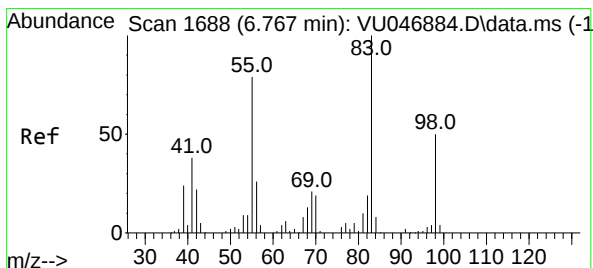
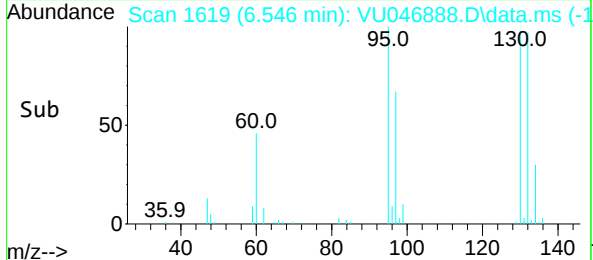
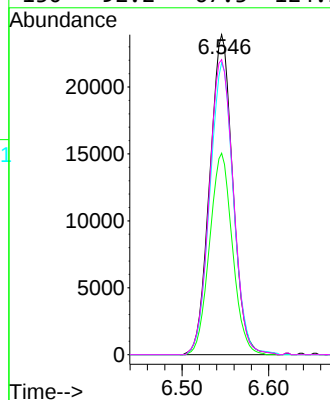
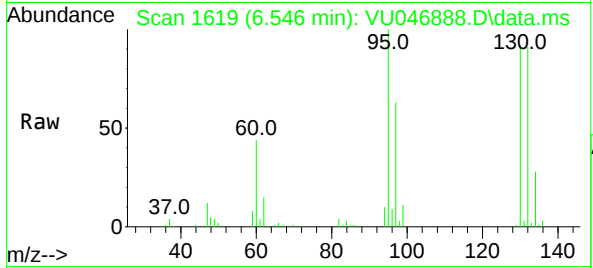




#34
Trichloroethene
Concen: 6.720 ug/L
RT: 6.546 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VU046888.D
Acq: 28 Jan 2022 13:18

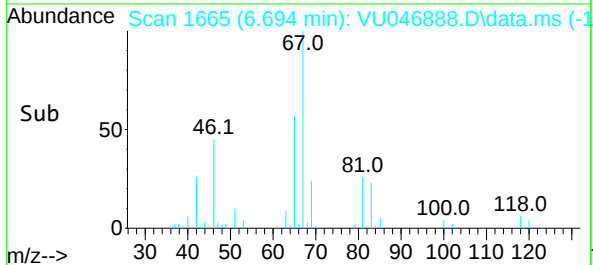
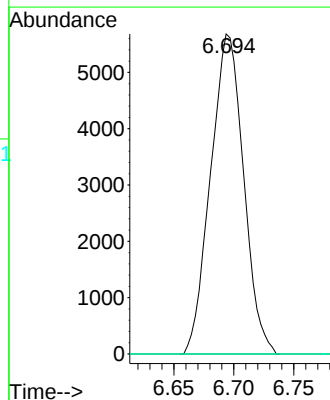
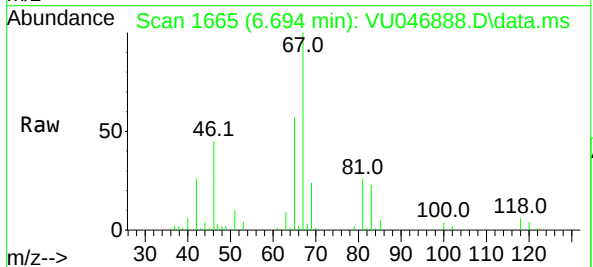
Instrument :
MSVOA_U
ClientSampleId :
C0HK2DL

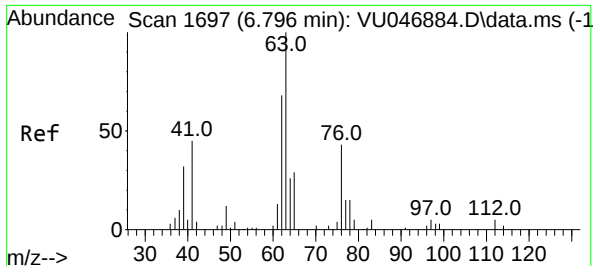
Tgt Ion: 95 Resp: 44291
Ion Ratio Lower Upper
95 100
97 63.0 46.5 86.5
132 91.2 65.1 120.9
130 92.2 67.3 124.9



#35
Methylcyclohexane
Concen: 0.985 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046888.D
Acq: 28 Jan 2022 13:18

Tgt Ion: 83 Resp: 10875
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.765 ug/L

RT: 6.700 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU046888.D

Acq: 28 Jan 2022 13:18

Instrument :

MSVOA_U

ClientSampleId :

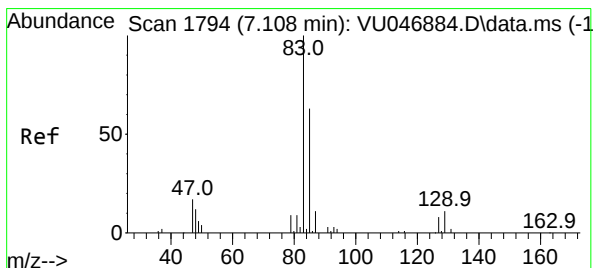
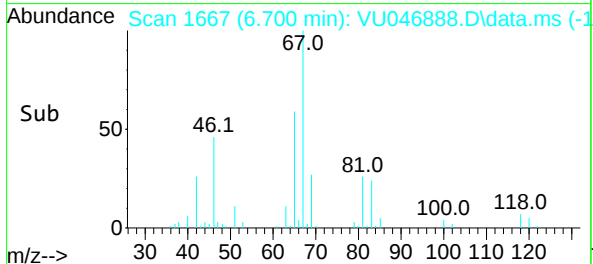
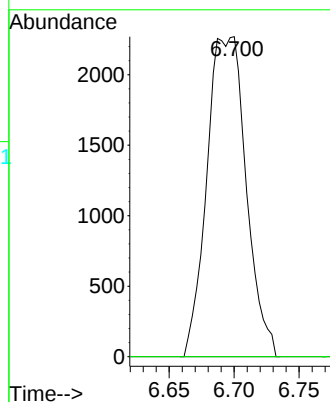
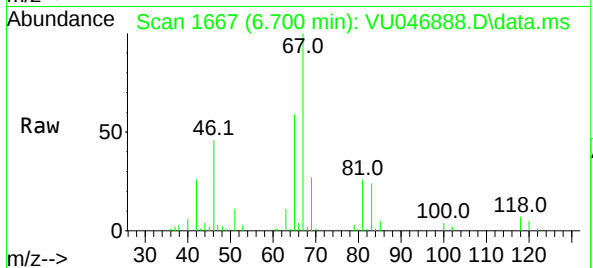
C0HK2DL

Tgt Ion: 63 Resp: 4766

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#38

Bromodichloromethane

Concen: 0.048 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046888.D

Acq: 28 Jan 2022 13:18

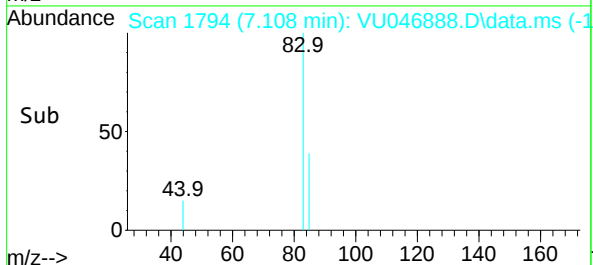
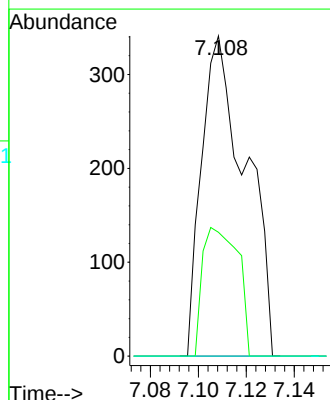
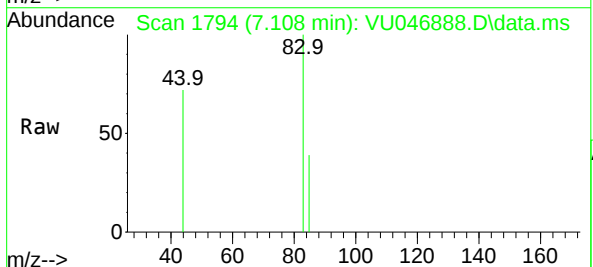
Tgt Ion: 83 Resp: 434

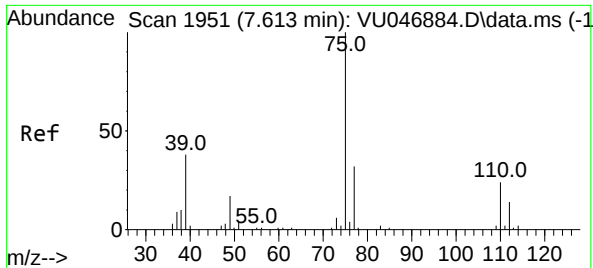
Ion Ratio Lower Upper

83 100

85 38.7 44.0 81.8#

127 0.0 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.565 min Scan# 1951

Delta R.T. -0.048 min

Lab File: VU046888.D

Acq: 28 Jan 2022 13:18

Instrument :

MSVOA_U

ClientSampleId :

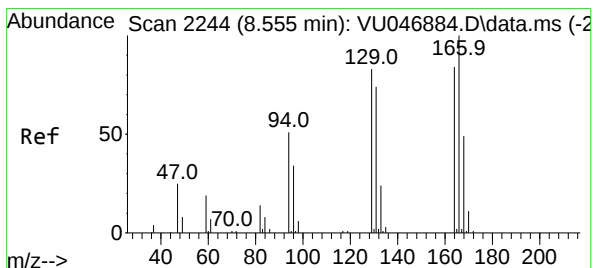
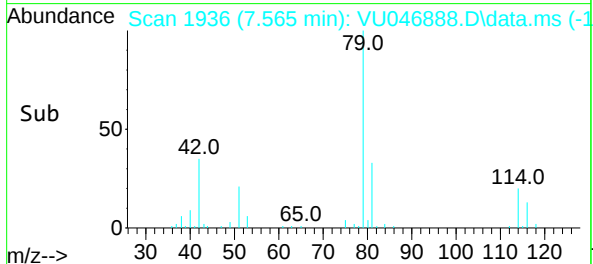
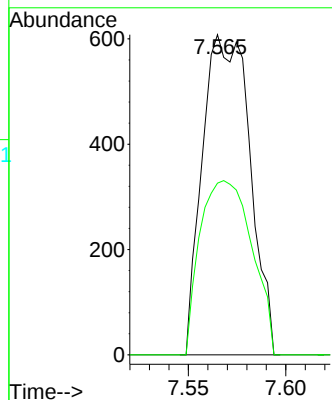
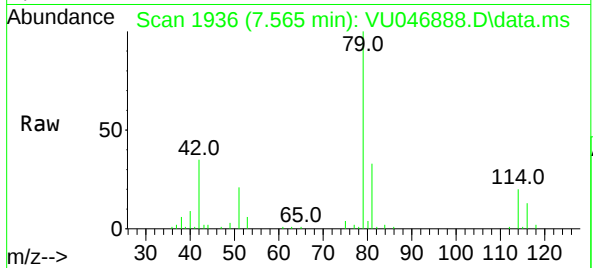
C0HK2DL

Tgt Ion: 75 Resp: 1028

Ion Ratio Lower Upper

75 100

77 53.6 22.5 41.9#



#47

Tetrachloroethene

Concen: 12.319 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU046888.D

Acq: 28 Jan 2022 13:18

Tgt Ion:164 Resp: 66035

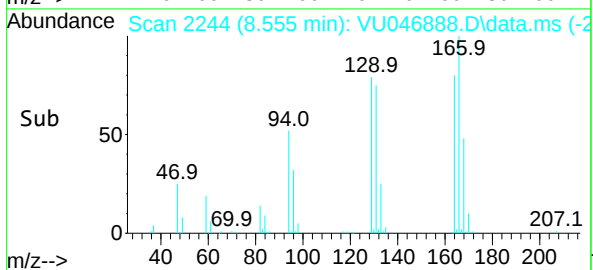
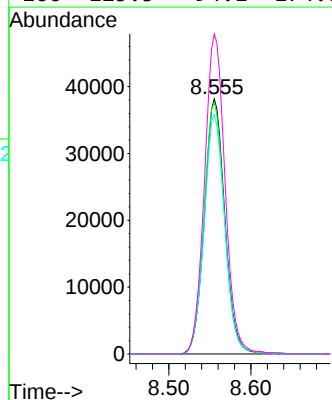
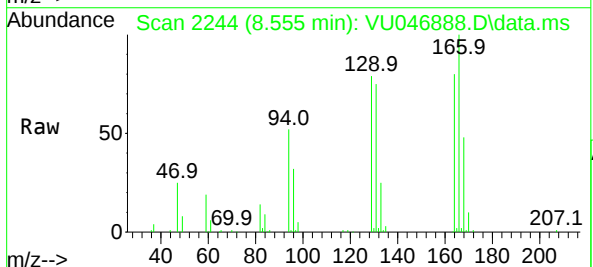
Ion Ratio Lower Upper

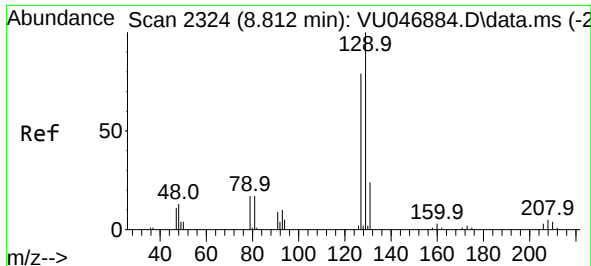
164 100

129 98.6 71.8 133.4

131 93.9 68.5 127.3

166 125.5 94.1 174.8





#49

Dibromochloromethane

Concen: 10.529 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046888.D

Acq: 28 Jan 2022 13:18

Instrument :

MSVOA_U

ClientSampleId :

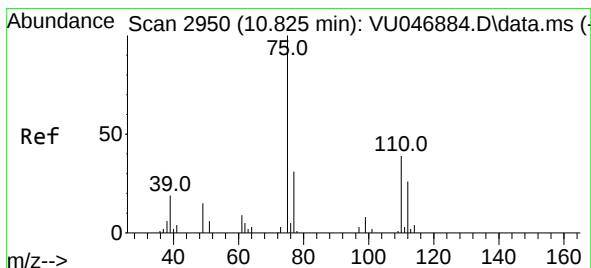
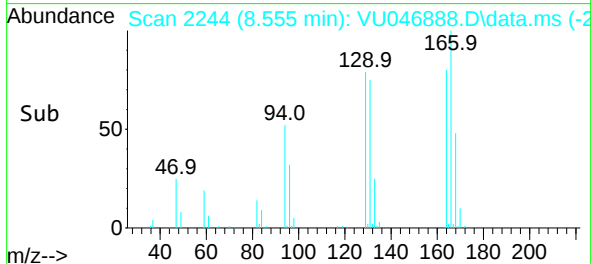
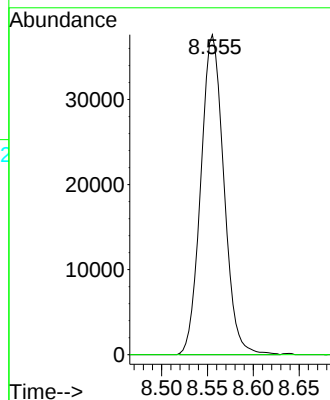
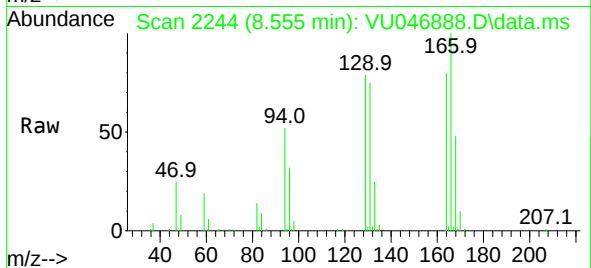
C0HK2DL

Tgt Ion:129 Resp: 65802

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.451 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046888.D

Acq: 28 Jan 2022 13:18

Tgt Ion: 75 Resp: 5943

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 30.8 25.5 38.3

