

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020222\
 Data File : VU047003.D
 Acq On : 02 Feb 2022 15:51
 Operator : SY/MD
 Sample : N1349-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

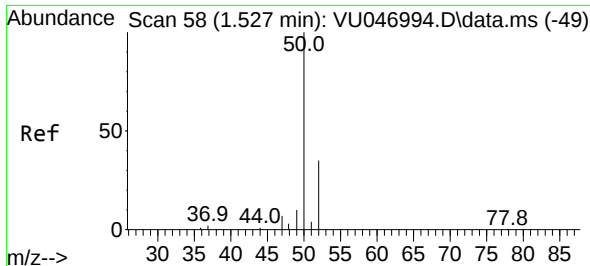
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HP3

Quant Time: Feb 03 03:01:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 03 02:56:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	99026	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	116056	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	49037	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	44638	5.320	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.400%
7) Chloroethane-d5	1.919	69	35932	5.435	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.600%
11) 1,1-Dichloroethene-d2	2.572	65	17230	5.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.200%
20) 2-Butanone-d5	4.636	46	102569	41.261	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.520%
24) Chloroform-d	5.067	84	76403	5.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.707	65	39879	4.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.732	84	143606	4.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.694	67	47884	4.676	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.903	98	111586	3.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.400%
43) trans-1,3-Dichloroprop...	8.182	79	16005	3.559	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.636	63	80843	30.357	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	60.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40015	3.892	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	41528	4.516	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
3) Chloromethane	1.527	50	2134	0.278	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	484	0.084	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	31562	5.708	ug/L	81
19) 1,1-Dichloroethane	3.874	63	4852	0.483	ug/L	94
22) cis-1,2-Dichloroethene	4.678	96	2238	0.354	ug/L	91
34) Trichloroethene	6.546	95	28159	3.969	ug/L	98
35) Methylcyclohexane	6.690	83	11407	0.960	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	5009	0.747	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	983	0.094	ug/L #	78
47) Tetrachloroethene	8.555	164	43840	7.598	ug/L	97
49) Dibromochloromethane	8.555	129	43742	6.503	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6041	1.454	ug/L #	65

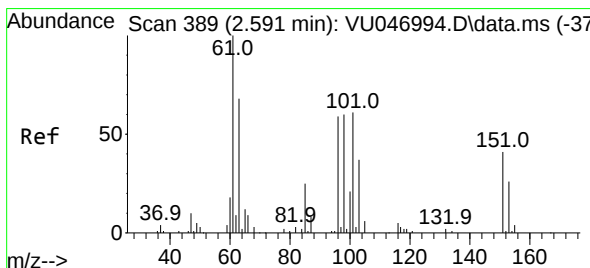
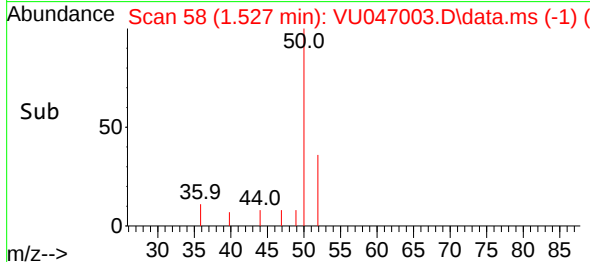
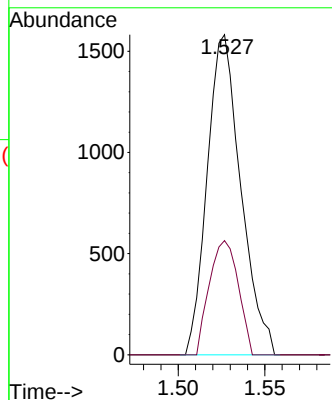
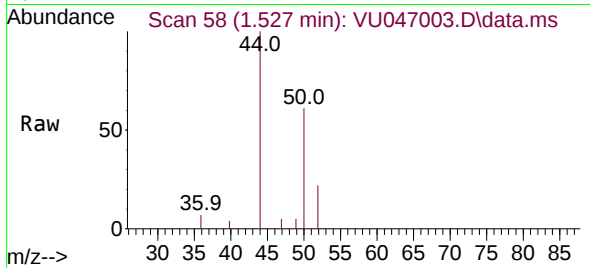
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.278 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU047003.D
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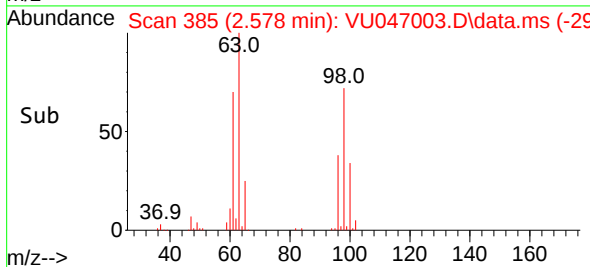
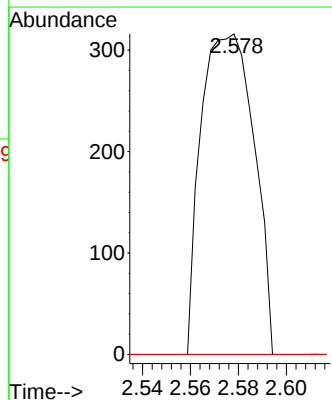
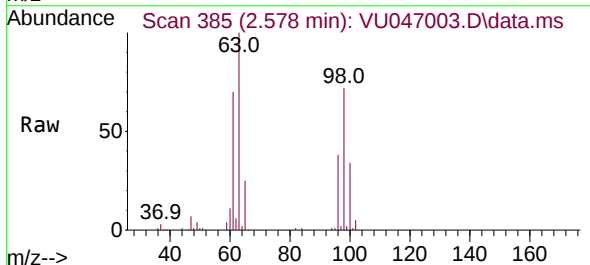
Instrument :
MSVOA_U
ClientSampleId :
C0HP3

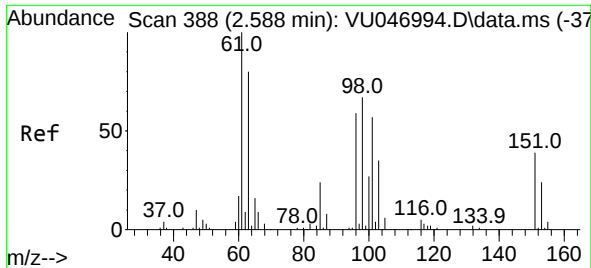
Tgt Ion: 50 Resp: 2134
Ion Ratio Lower Upper
50 100
52 35.7 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.084 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.013 min
Lab File: VU047003.D
Acq: 02 Feb 2022 15:51

Tgt Ion: 101 Resp: 484
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: 5.708 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.000 min

Lab File: VU047003.D

Acq: 02 Feb 2022 15:51

Instrument :

MSVOA_U

ClientSampleId :

C0HP3

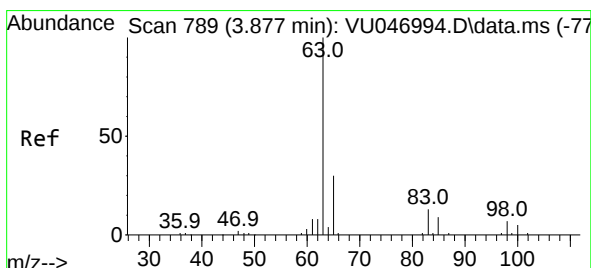
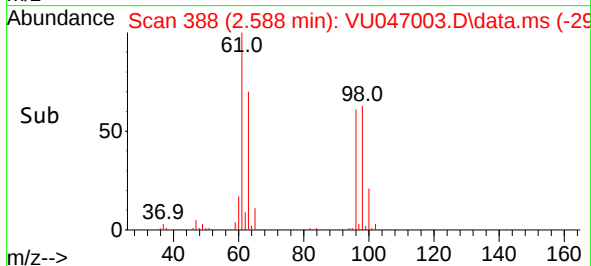
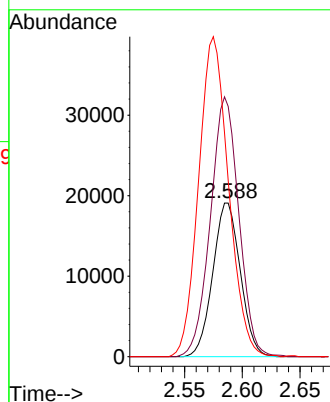
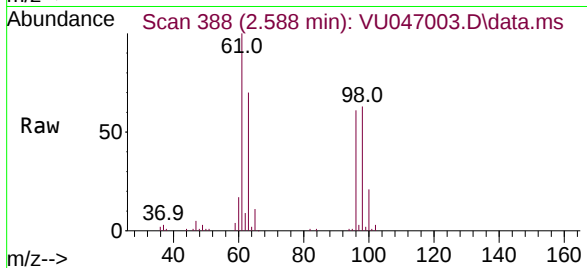
Tgt Ion: 96 Resp: 31562

Ion Ratio Lower Upper

96 100

61 162.9 124.7 231.5

63 114.7 105.2 195.4



#19

1,1-Dichloroethane

Concen: 0.483 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU047003.D

Acq: 02 Feb 2022 15:51

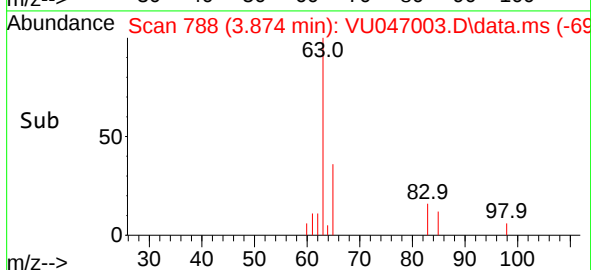
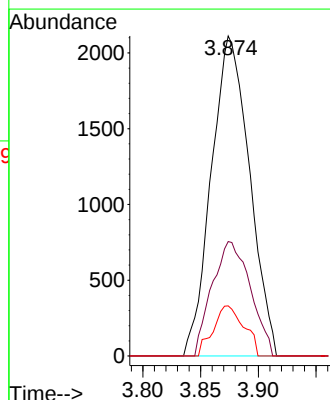
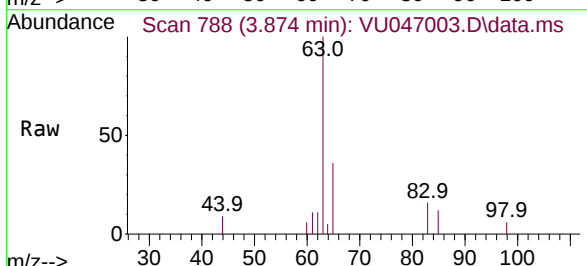
Tgt Ion: 63 Resp: 4852

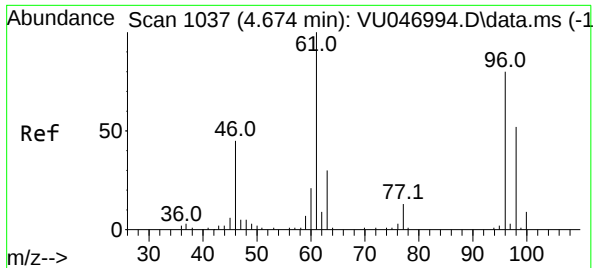
Ion Ratio Lower Upper

63 100

65 35.7 22.3 41.5

83 15.7 9.6 17.8

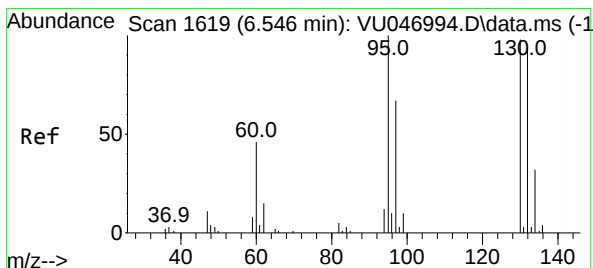
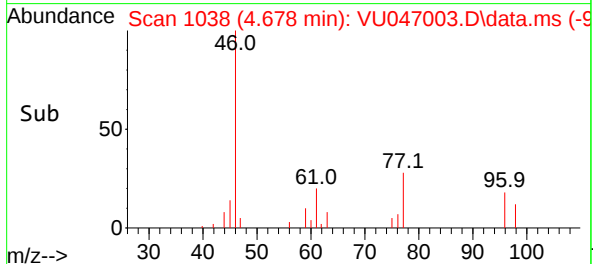
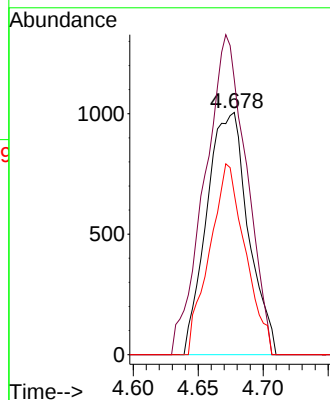
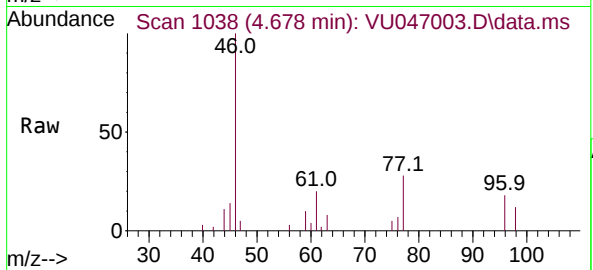




#22
 cis-1,2-Dichloroethene
 Concen: 0.354 ug/L
 RT: 4.678 min Scan# 1037
 Delta R.T. 0.003 min
 Lab File: VU047003.D
 Acq: 02 Feb 2022 15:51

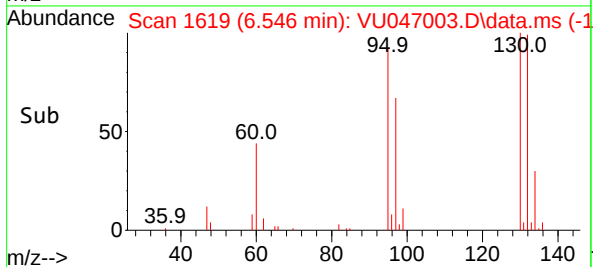
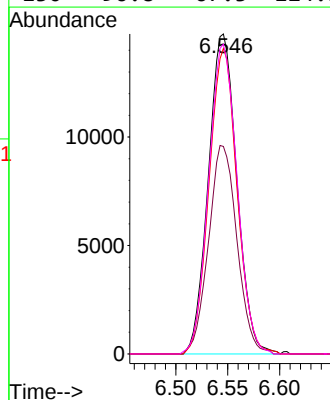
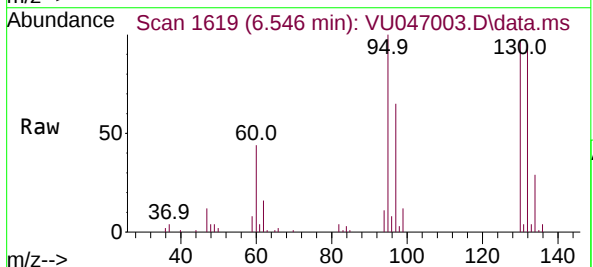
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HP3

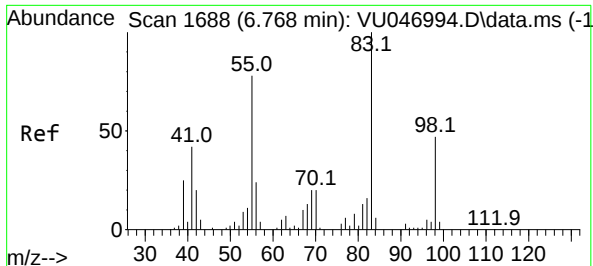
Tgt Ion: 96 Resp: 2238
 Ion Ratio Lower Upper
 96 100
 61 113.6 88.5 164.3
 98 66.4 44.4 82.5



#34
 Trichloroethene
 Concen: 3.969 ug/L
 RT: 6.546 min Scan# 1619
 Delta R.T. 0.000 min
 Lab File: VU047003.D
 Acq: 02 Feb 2022 15:51

Tgt Ion: 95 Resp: 28159
 Ion Ratio Lower Upper
 95 100
 97 64.9 46.5 86.5
 132 95.5 65.1 120.9
 130 96.8 67.3 124.9

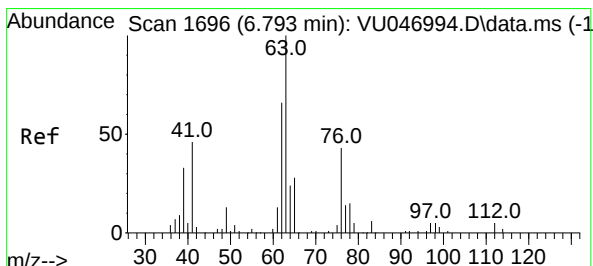
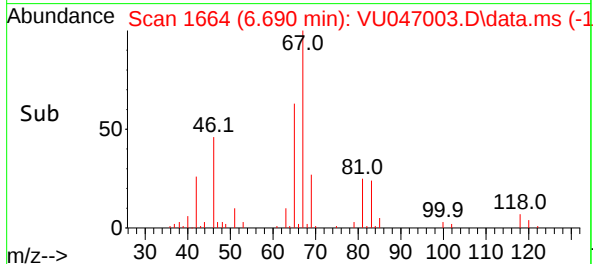
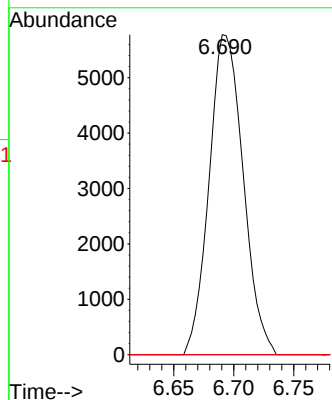
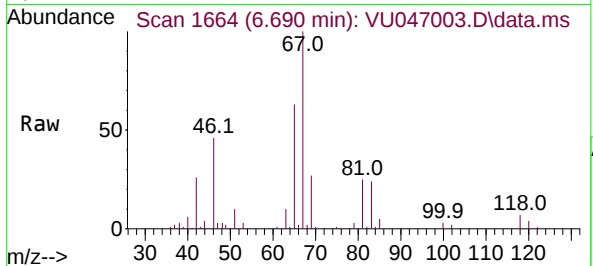




#35
Methylcyclohexane
Concen: 0.960 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU047003.D
Acq: 02 Feb 2022 15:51

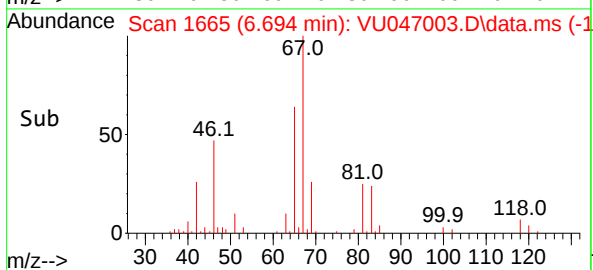
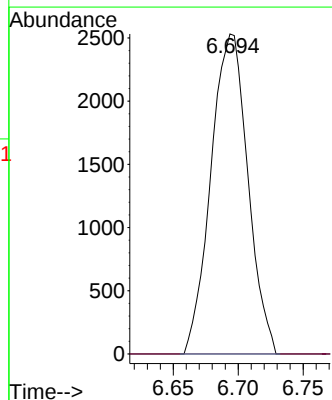
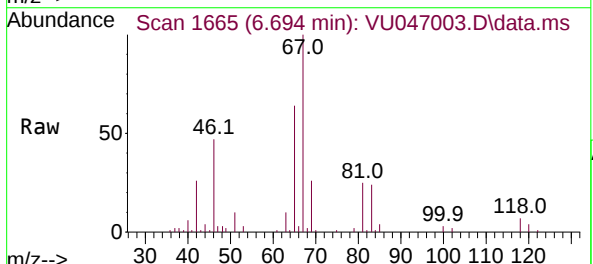
Instrument :
MSVOA_U
ClientSampleId :
C0HP3

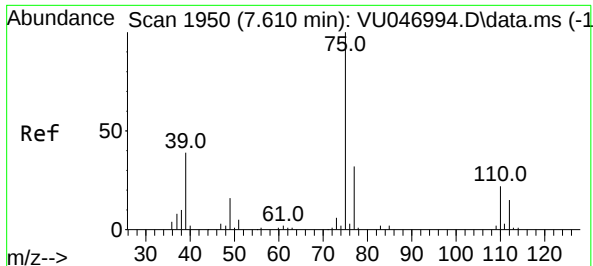
Tgt Ion: 83 Resp: 11407
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 4.1 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.747 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047003.D
Acq: 02 Feb 2022 15:51

Tgt Ion: 63 Resp: 5009
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.562 min Scan# 1950

Delta R.T. -0.048 min

Lab File: VU047003.D

Acq: 02 Feb 2022 15:51

Instrument :

MSVOA_U

ClientSampleId :

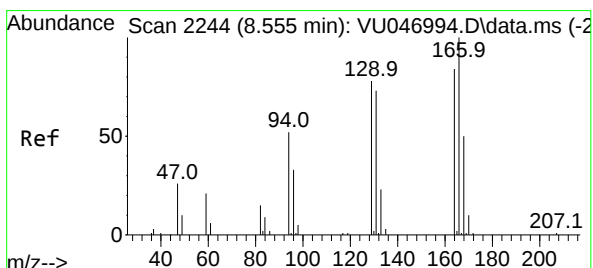
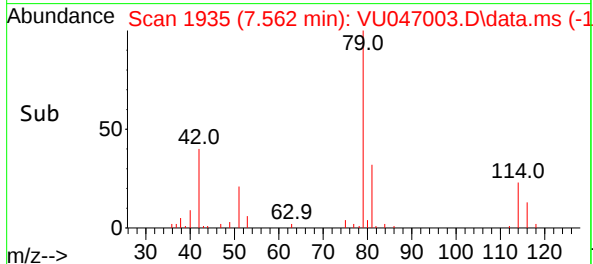
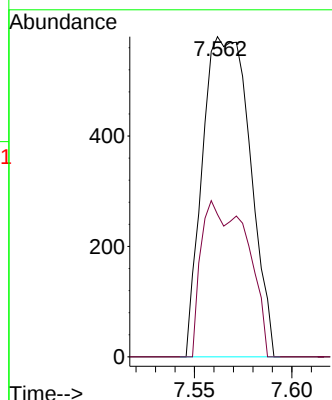
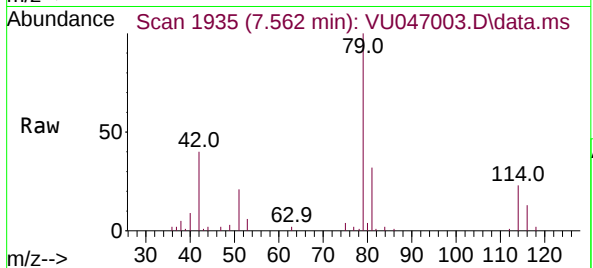
C0HP3

Tgt Ion: 75 Resp: 983

Ion Ratio Lower Upper

75 100

77 44.5 22.5 41.9#



#47

Tetrachloroethene

Concen: 7.598 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU047003.D

Acq: 02 Feb 2022 15:51

Tgt Ion:164 Resp: 43840

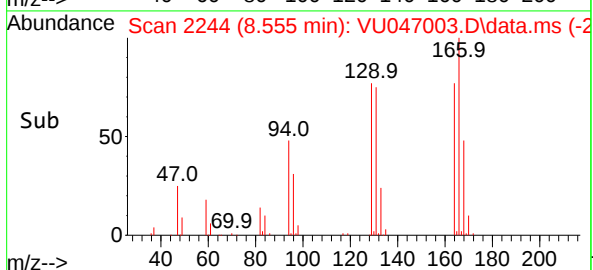
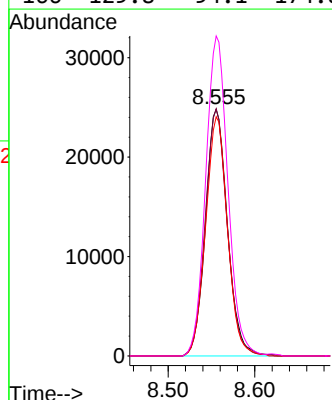
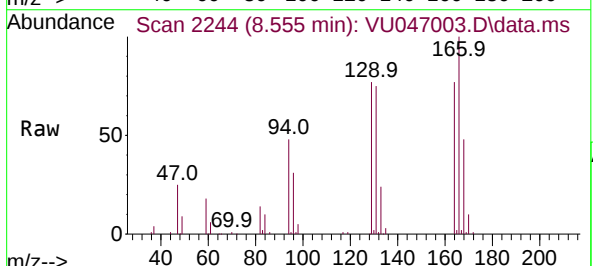
Ion Ratio Lower Upper

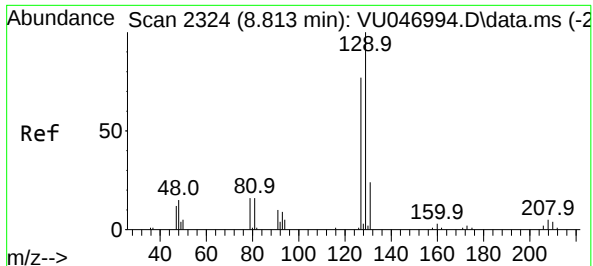
164 100

129 100.3 71.8 133.4

131 97.0 68.5 127.3

166 129.8 94.1 174.8





#49

Dibromochloromethane

Concen: 6.503 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU047003.D

Acq: 02 Feb 2022 15:51

Instrument :

MSVOA_U

ClientSampleId :

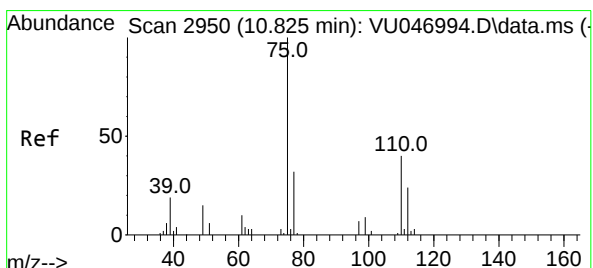
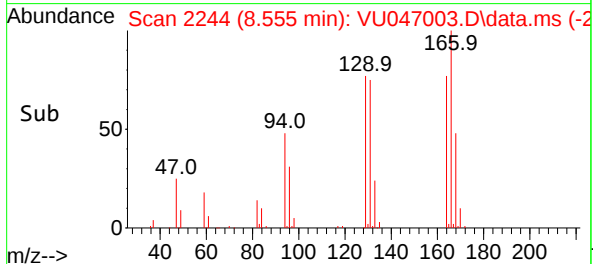
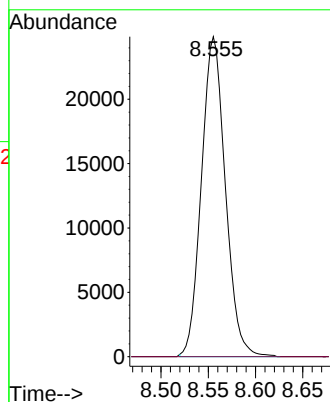
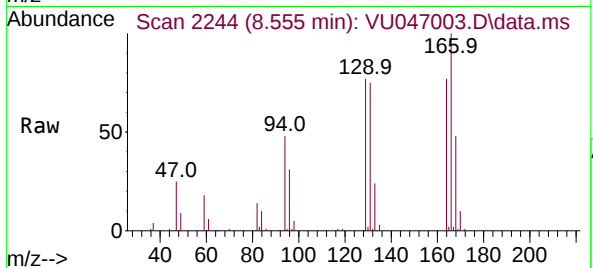
C0HP3

Tgt Ion:129 Resp: 43742

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.454 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU047003.D

Acq: 02 Feb 2022 15:51

Tgt Ion: 75 Resp: 6041

Ion Ratio Lower Upper

75 100

110 0.7 29.9 44.9#

77 34.3 25.5 38.3

