

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012822\
 Data File : VU046895.D
 Acq On : 28 Jan 2022 16:10
 Operator : SY/MD
 Sample : N1273-08DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

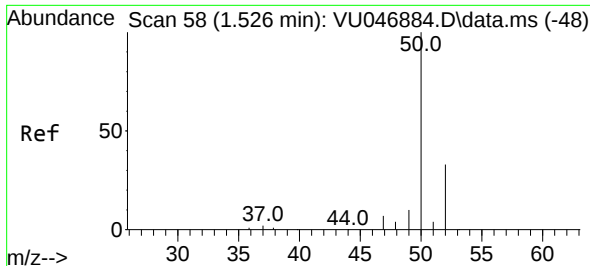
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HK7DL

Quant Time: Jan 29 00:41:50 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	6.250	114	98276	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	106484	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	47654	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	30630	3.678	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.919	69	29292	4.464	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.569	65	13232	3.995	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	4.646	46	123678	50.132	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.260%
24) Chloroform-d	5.067	84	69896	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.703	65	39492	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.729	84	133698	4.272	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.691	67	44004	4.683	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.900	98	102103	3.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	8.182	79	15048	3.647	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.646	63	102966	42.140	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.280%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	44925	4.762	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	41469	4.640	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.527	50	1835	0.241	ug/L	94
5) Vinyl chloride	1.607	62	48109	6.070	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.569	101	372	0.065	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	1334	0.243	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	4502	0.451	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	48552	7.744	ug/L	97
33) Benzene	5.777	78	4579	0.183	ug/L	100
34) Trichloroethene	6.543	95	6330	0.972	ug/L	96
35) Methylcyclohexane	6.694	83	10113	0.928	ug/L #	18
37) 1,2-Dichloropropane	6.691	63	4822	0.784	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	921	0.096	ug/L #	72
47) Tetrachloroethene	8.555	164	5420	1.024	ug/L	98
49) Dibromochloromethane	8.555	129	5820	0.943	ug/L #	10
61) 1,2,3-Trichloropropane	11.813	75	5955	1.475	ug/L #	66

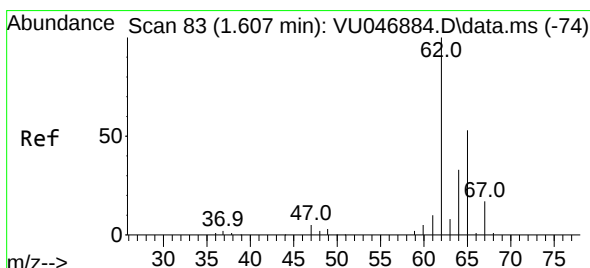
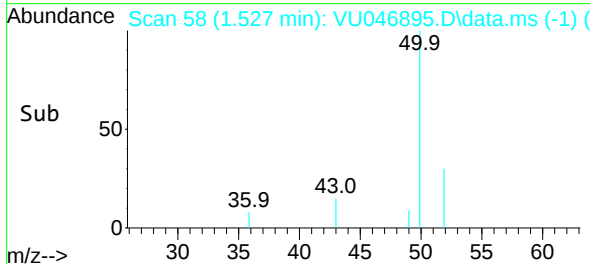
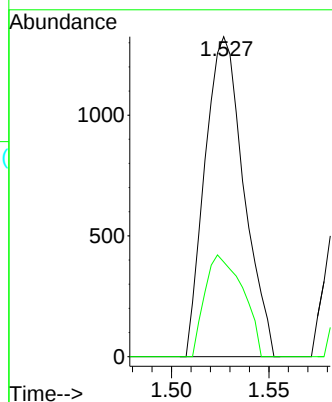
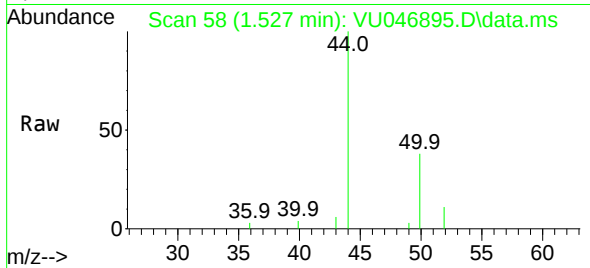
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.241 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU046895.D
Acq: 28 Jan 2022 16:10

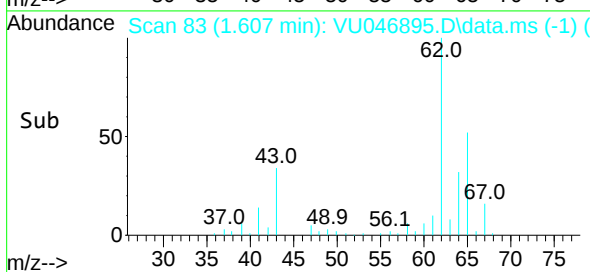
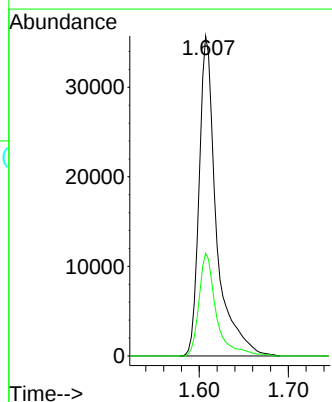
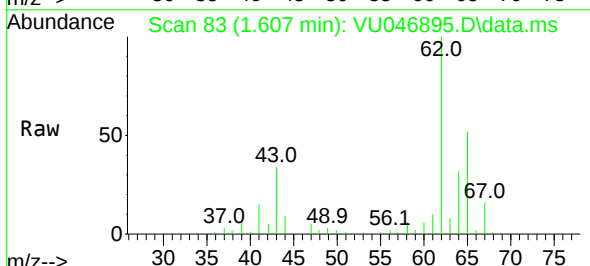
Instrument :
MSVOA_U
ClientSampleId :
C0HK7DL

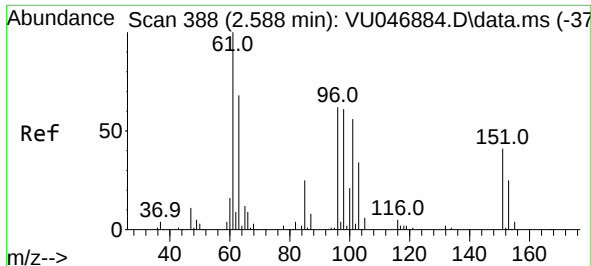
Tgt Ion: 50 Resp: 1835
Ion Ratio Lower Upper
50 100
52 29.6 23.0 42.8



#5
Vinyl chloride
Concen: 6.070 ug/L
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU046895.D
Acq: 28 Jan 2022 16:10

Tgt Ion: 62 Resp: 48109
Ion Ratio Lower Upper
62 100
64 32.0 22.9 42.5

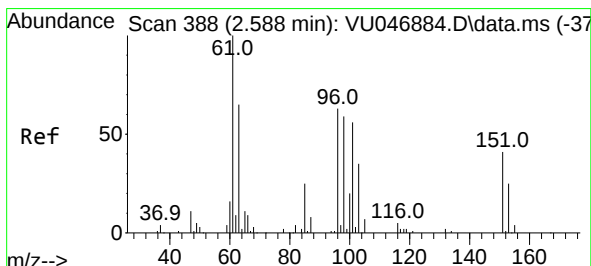
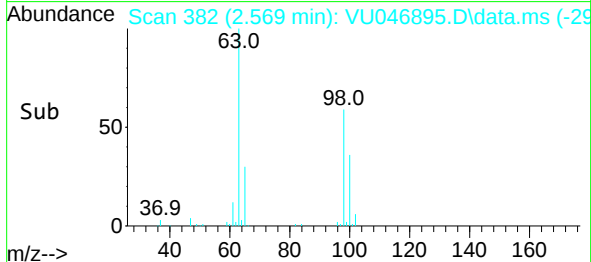
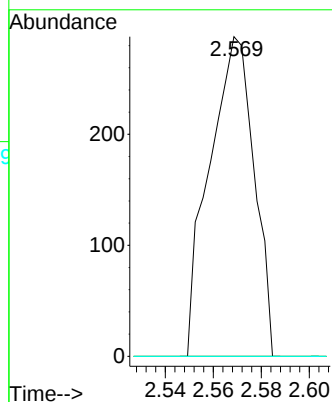
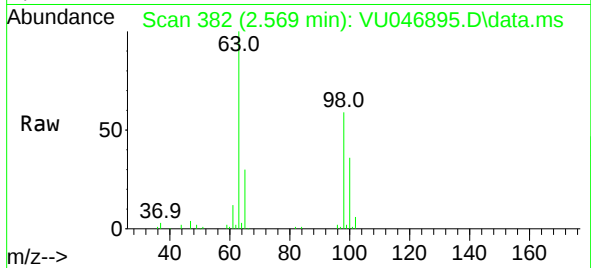




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.065 ug/L
 RT: 2.569 min Scan# 31
 Delta R.T. -0.019 min
 Lab File: VU046895.D
 Acq: 28 Jan 2022 16:10

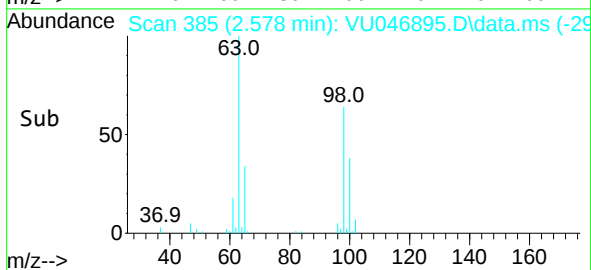
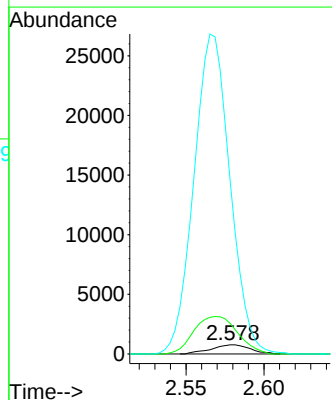
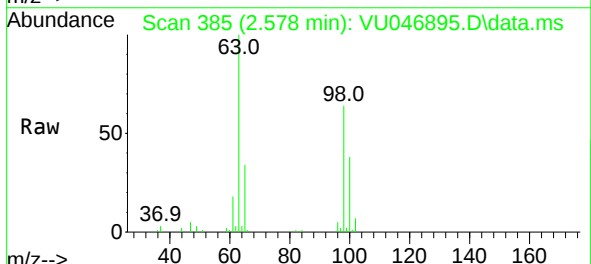
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HK7DL

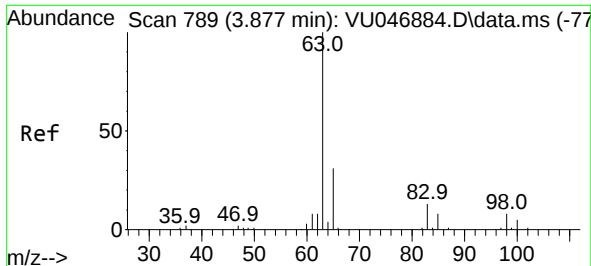
Tgt Ion:101 Resp: 372
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 0.243 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.009 min
 Lab File: VU046895.D
 Acq: 28 Jan 2022 16:10

Tgt Ion: 96 Resp: 1334
 Ion Ratio Lower Upper
 96 100
 61 333.5 124.7 231.5#
 63 1889.0 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.451 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU046895.D

Acq: 28 Jan 2022 16:10

Instrument :

MSVOA_U

ClientSampleId :

C0HK7DL

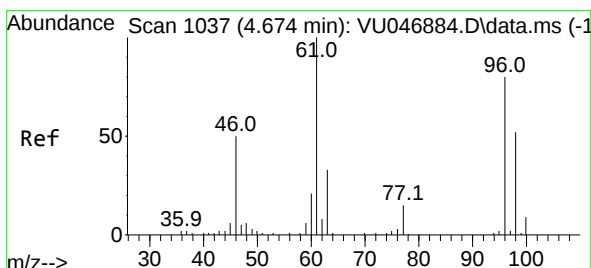
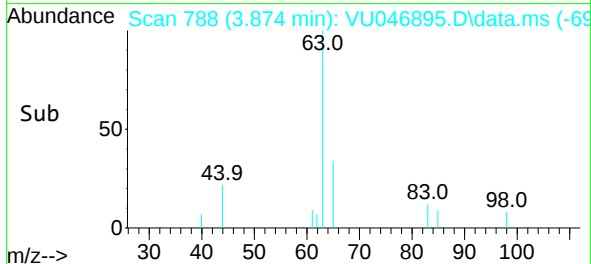
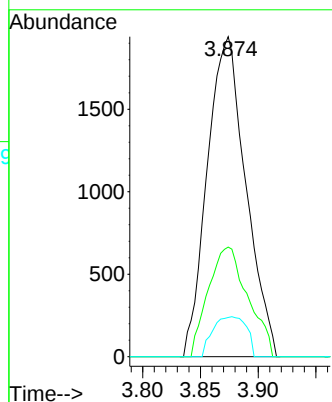
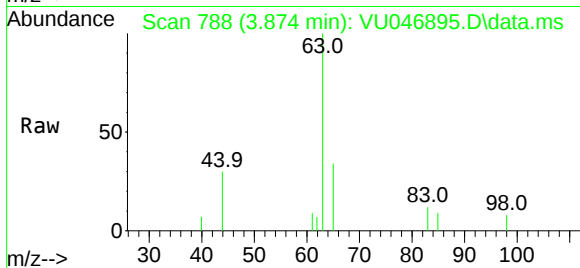
Tgt Ion: 63 Resp: 4502

Ion Ratio Lower Upper

63 100

65 34.3 22.3 41.5

83 12.3 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 7.744 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046895.D

Acq: 28 Jan 2022 16:10

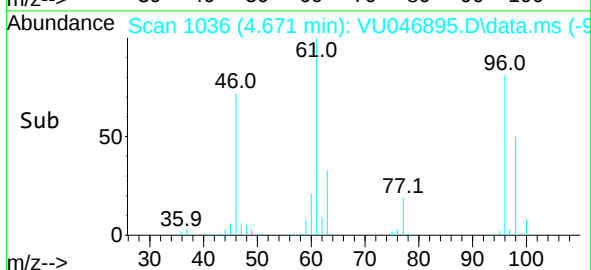
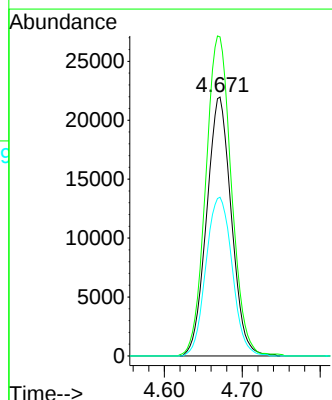
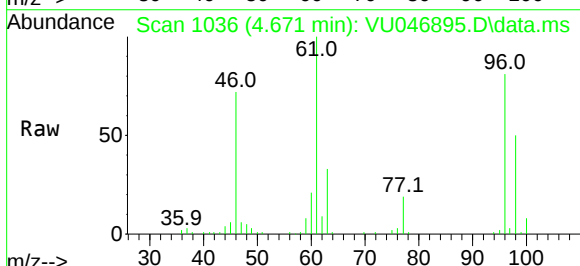
Tgt Ion: 96 Resp: 48552

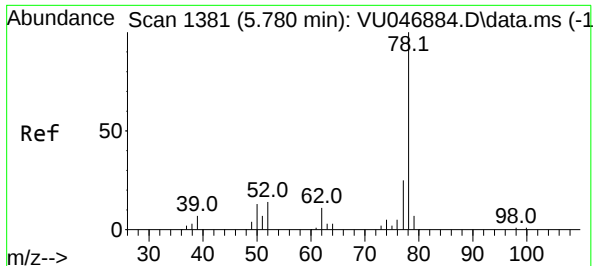
Ion Ratio Lower Upper

96 100

61 123.3 88.5 164.3

98 61.3 44.4 82.5

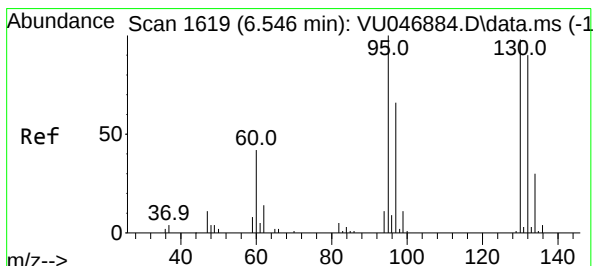
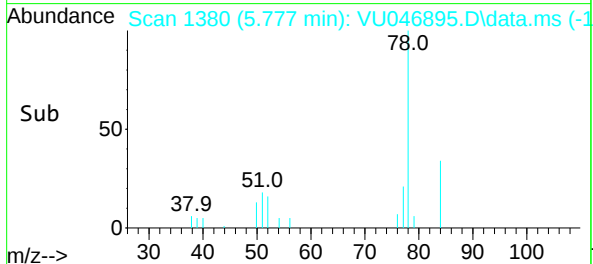
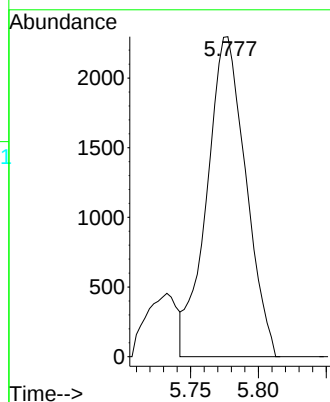
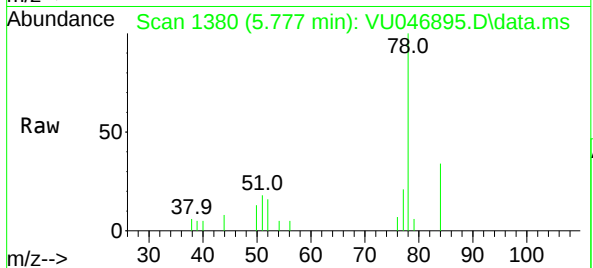




#33
Benzene
Concen: 0.183 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046895.D
Acq: 28 Jan 2022 16:10

Instrument :
MSVOA_U
ClientSampleId :
C0HK7DL

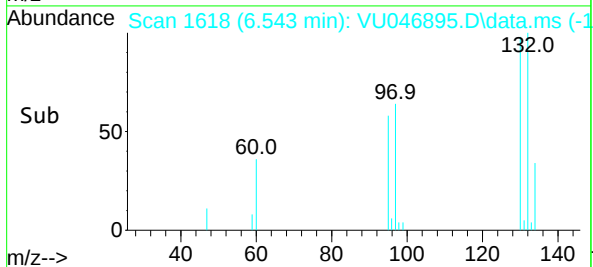
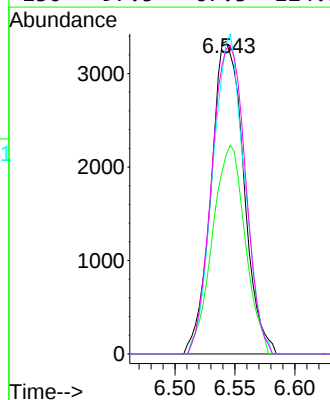
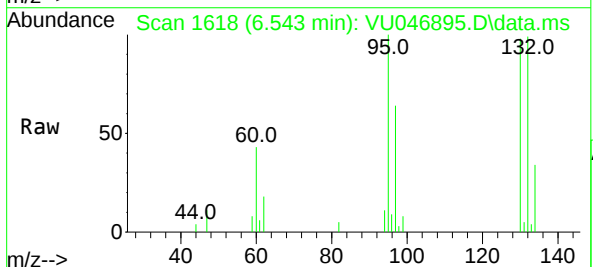
Tgt Ion: 78 Resp: 4579

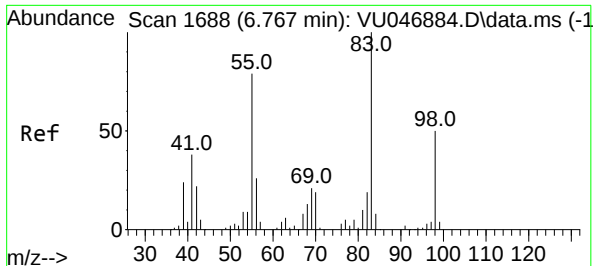


#34
Trichloroethene
Concen: 0.972 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046895.D
Acq: 28 Jan 2022 16:10

Tgt Ion: 95 Resp: 6330

Ion	Ratio	Lower	Upper
95	100		
97	63.6	46.5	86.5
132	99.3	65.1	120.9
130	97.5	67.3	124.9





#35

Methylcyclohexane

Concen: 0.928 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU046895.D

Acq: 28 Jan 2022 16:10

Instrument :

MSVOA_U

ClientSampleId :

C0HK7DL

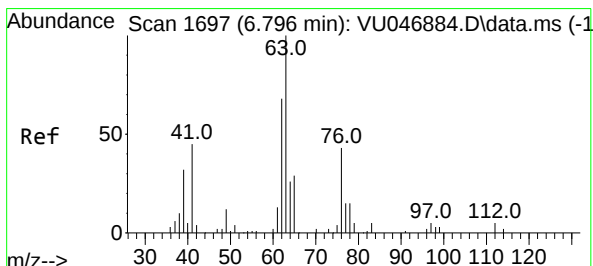
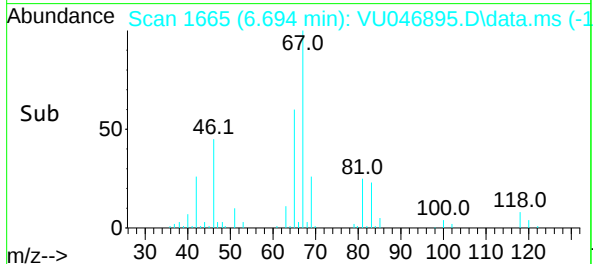
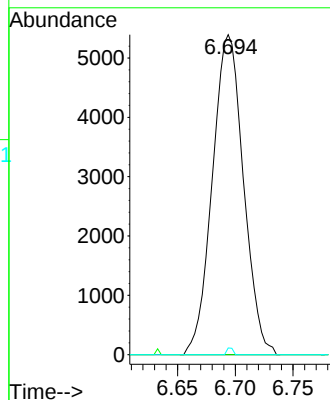
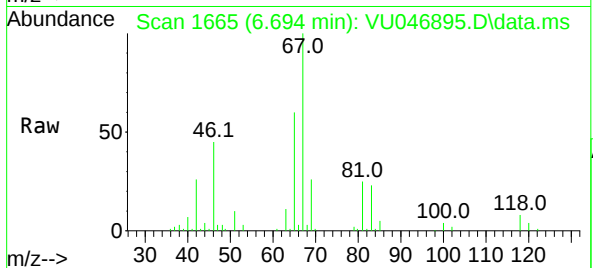
Tgt Ion: 83 Resp: 10113

Ion Ratio Lower Upper

83 100

55 0.2 61.9 92.9#

98 0.4 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.784 ug/L

RT: 6.691 min Scan# 1664

Delta R.T. -0.106 min

Lab File: VU046895.D

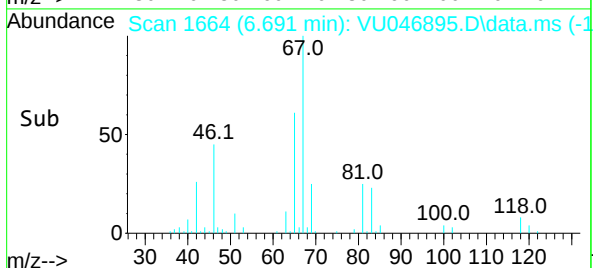
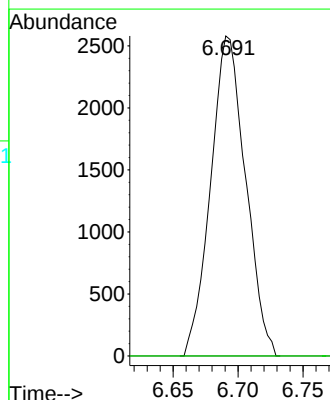
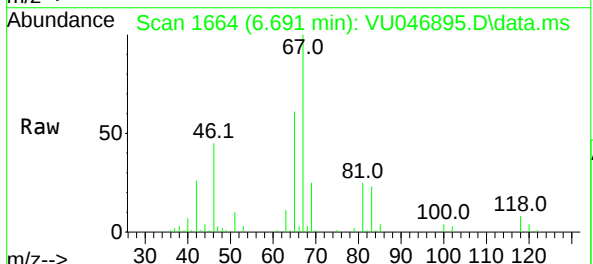
Acq: 28 Jan 2022 16:10

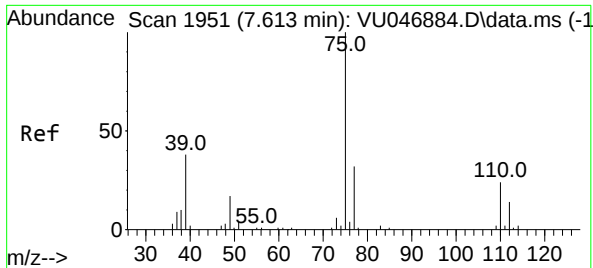
Tgt Ion: 63 Resp: 4822

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

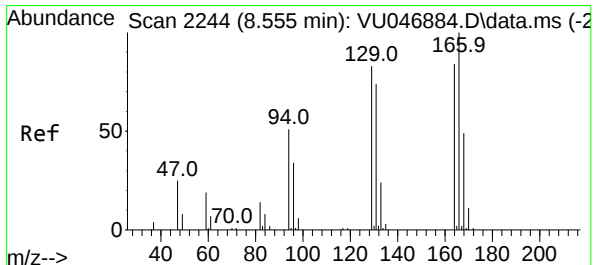
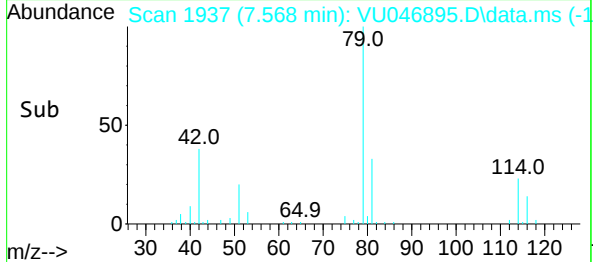
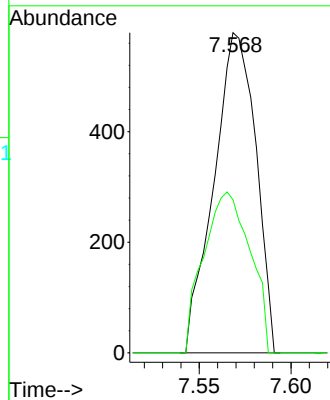
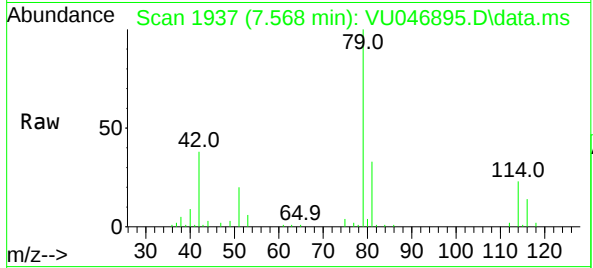




#39
cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.568 min Scan# 1951
Delta R.T. -0.045 min
Lab File: VU046895.D
Acq: 28 Jan 2022 16:10

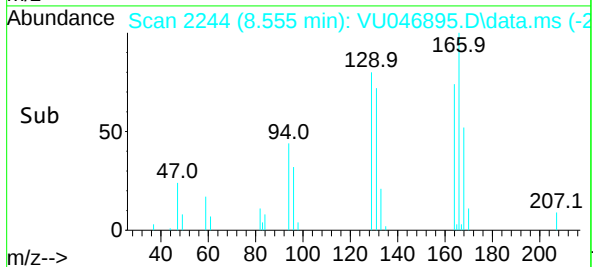
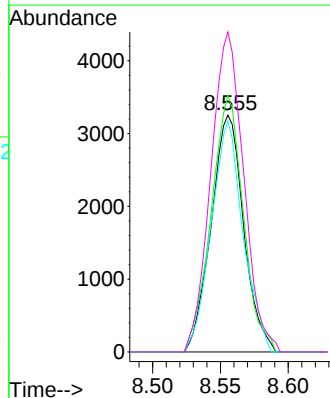
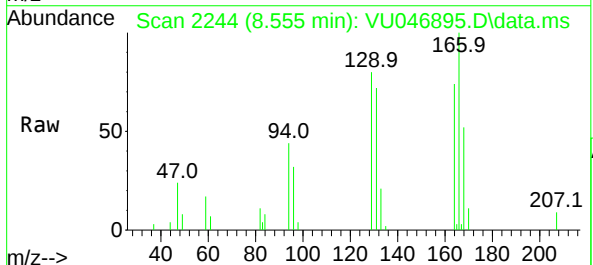
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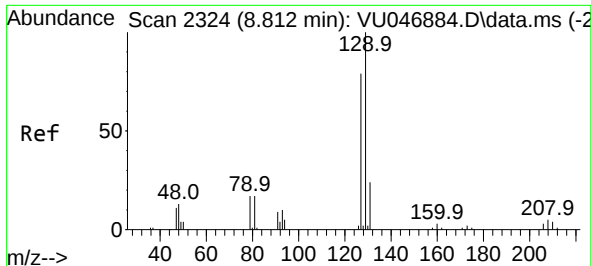
Tgt Ion: 75 Resp: 921
Ion Ratio Lower Upper
75 100
77 47.8 22.5 41.9#



#47
Tetrachloroethene
Concen: 1.024 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046895.D
Acq: 28 Jan 2022 16:10

Tgt Ion:164 Resp: 5420
Ion Ratio Lower Upper
164 100
129 108.3 71.8 133.4
131 97.5 68.5 127.3
166 135.2 94.1 174.8





#49

Dibromochloromethane

Concen: 0.943 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046895.D

Acq: 28 Jan 2022 16:10

Instrument :

MSVOA_U

ClientSampleId :

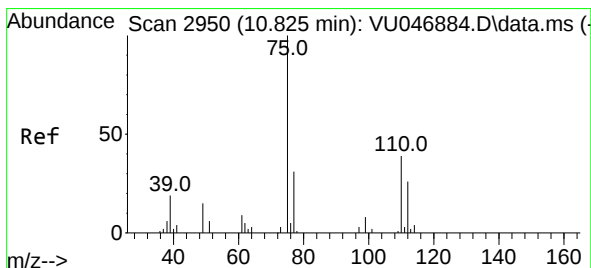
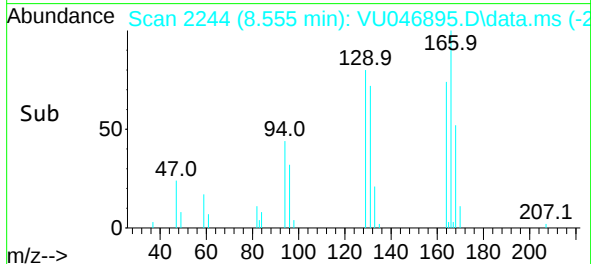
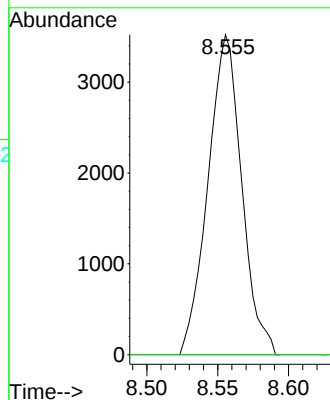
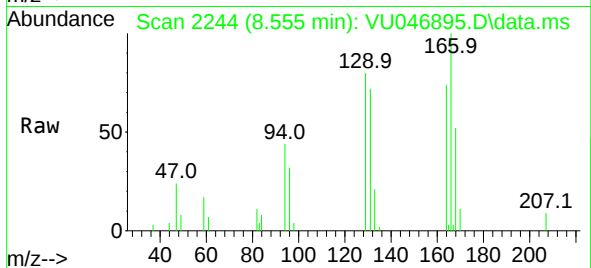
C0HK7DL

Tgt Ion:129 Resp: 5820

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.475 ug/L

RT: 11.813 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046895.D

Acq: 28 Jan 2022 16:10

Tgt Ion: 75 Resp: 5955

Ion Ratio Lower Upper

75 100

110 0.3 29.9 44.9#

77 31.6 25.5 38.3

