

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
 Data File : VU047383.D
 Acq On : 08 Mar 2022 11:57
 Operator : SY/MD
 Sample : N1773-10DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

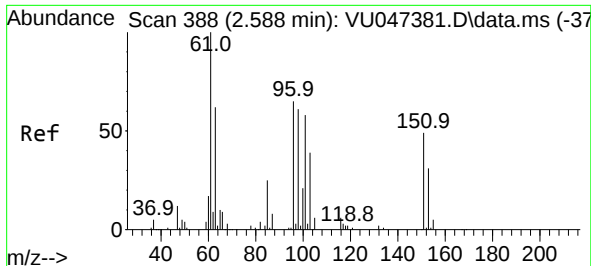
Instrument :
 MSVOA_U
 ClientSampleId :
 BFY17DL

Quant Time: Mar 09 03:01:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 02:01:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	181226	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	174283	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93020	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	40585	3.155	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.919	69	42110	3.924	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.572	65	17450	3.212	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	4.639	46	177071	41.933	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.860%
24) Chloroform-d	5.070	84	102874	4.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.707	65	61156	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.732	84	194344	3.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	6.694	67	66843	4.372	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.899	98	168518	3.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
43) trans-1,3-Dichloroprop...	8.182	79	27283	4.061	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.639	63	175743	45.965	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	68065	4.370	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	78918	4.329	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	538	0.062	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	4614	0.519	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	1523	0.095	ug/L	87
22) cis-1,2-Dichloroethene	4.671	96	12905	1.229	ug/L	90
29) 1,1,1-Trichloroethane	5.324	97	1940	0.133	ug/L	98
34) Trichloroethene	6.546	95	88546	8.565	ug/L	93
35) Methylcyclohexane	6.697	83	15876	1.002	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	7118	0.730	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1704	0.110	ug/L #	62
47) Tetrachloroethene	8.555	164	39316	4.464	ug/L	93
48) 2-Hexanone	8.639	43	21202	3.863	ug/L #	64
49) Dibromochloromethane	8.555	129	36327	3.660	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	9880	1.279	ug/L #	67

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.062 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.016 min

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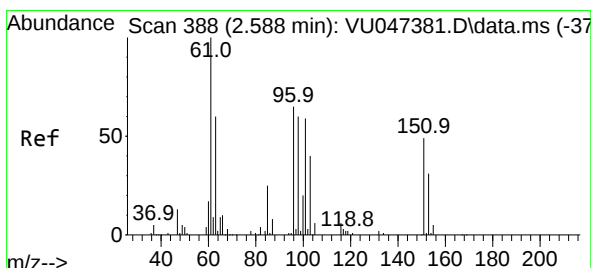
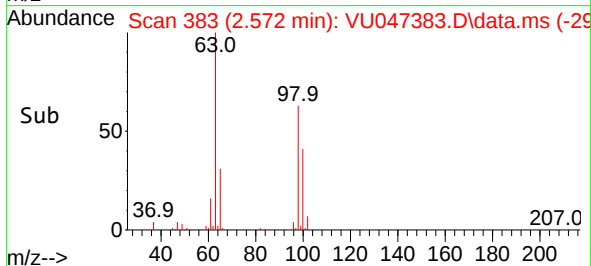
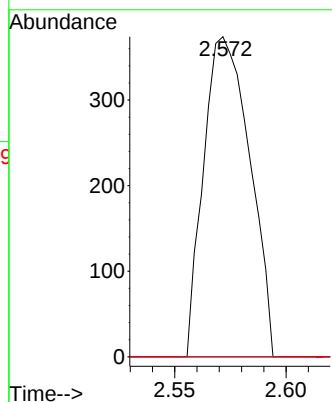
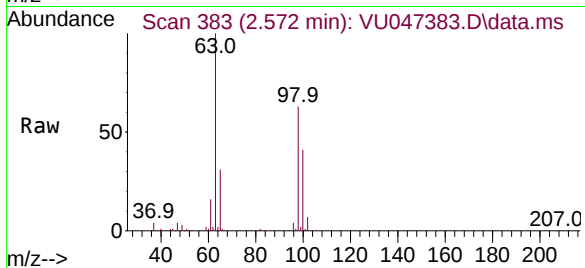
Tgt Ion:101 Resp: 538

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: 0.519 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU047383.D

Acq: 08 Mar 2022 11:57

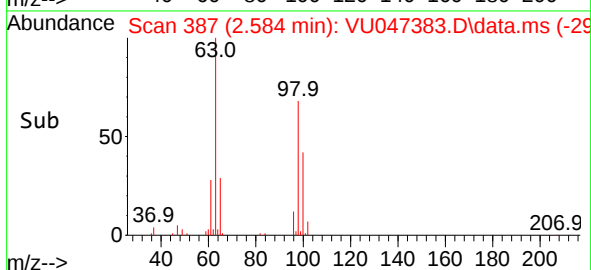
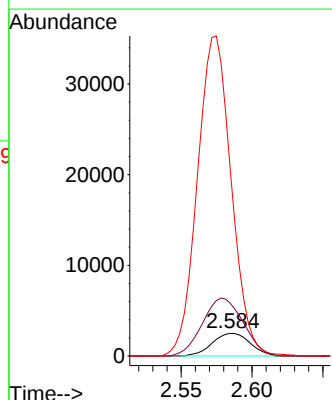
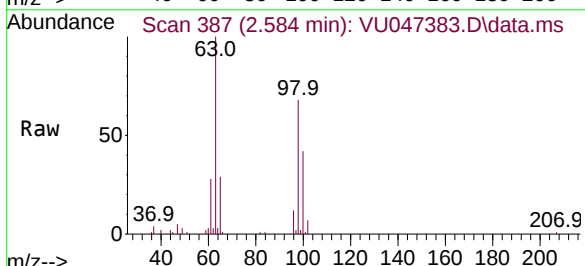
Tgt Ion: 96 Resp: 4614

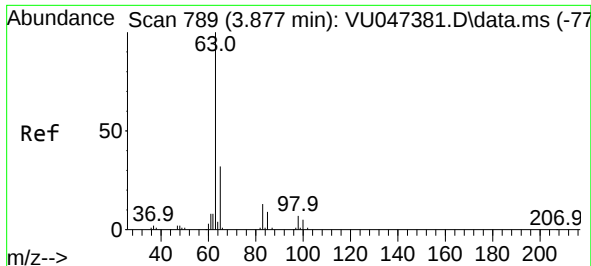
Ion Ratio Lower Upper

96 100

61 234.3 124.7 231.5#

63 840.8 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.095 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU047383.D

Acq: 08 Mar 2022 11:57

Instrument :

MSVOA_U

ClientSampleId :

BFY17DL

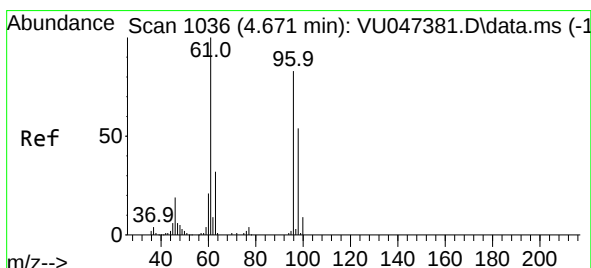
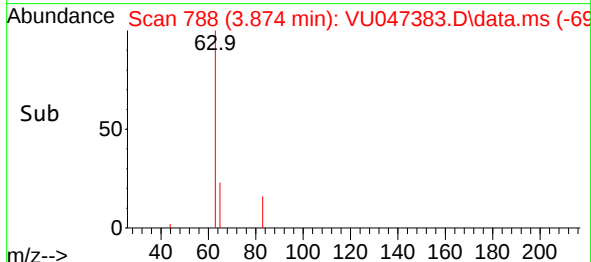
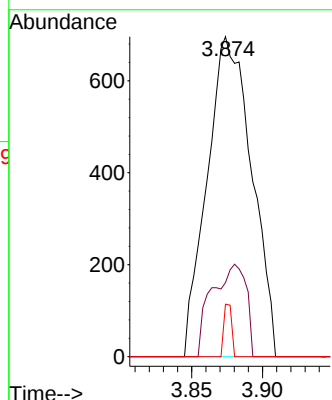
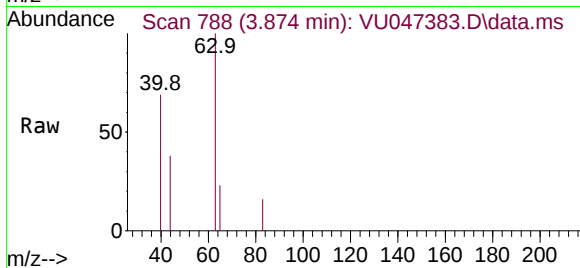
Tgt Ion: 63 Resp: 1523

Ion Ratio Lower Upper

63 100

65 23.1 22.3 41.5

83 16.4 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 1.229 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047383.D

Acq: 08 Mar 2022 11:57

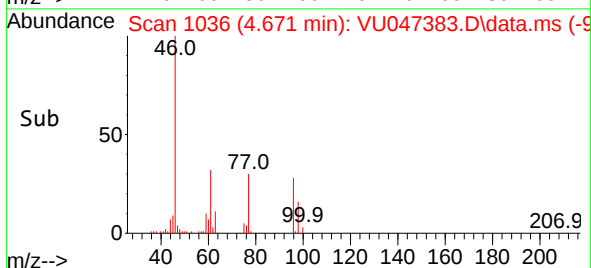
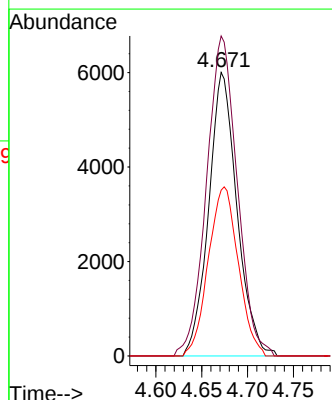
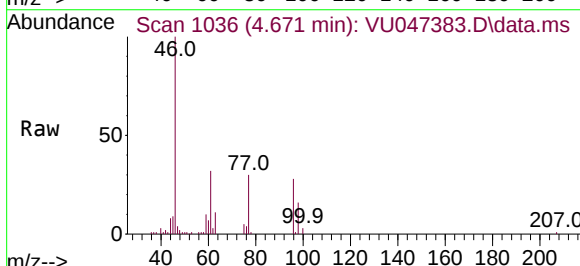
Tgt Ion: 96 Resp: 12905

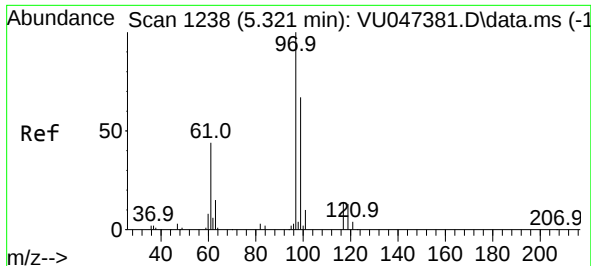
Ion Ratio Lower Upper

96 100

61 112.8 88.5 164.3

98 58.5 44.4 82.5





#29

1,1,1-Trichloroethane

Concen: 0.133 ug/L

RT: 5.324 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU047383.D

Acq: 08 Mar 2022 11:57

Instrument :

MSVOA_U

ClientSampleId :

BFY17DL

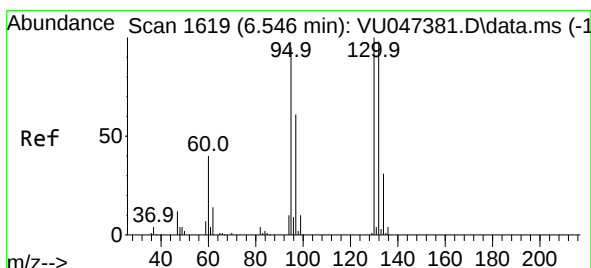
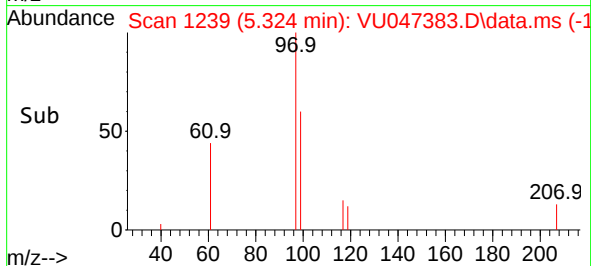
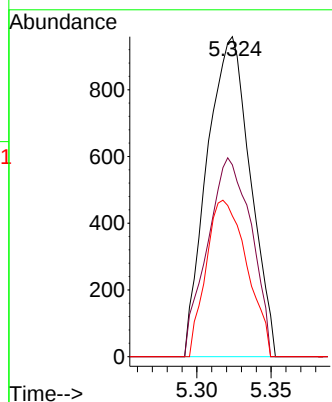
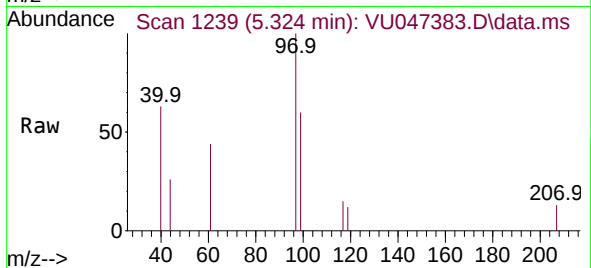
Tgt Ion: 97 Resp: 1940

Ion Ratio Lower Upper

97 100

99 63.0 51.3 76.9

61 46.3 36.1 54.1



#34

Trichloroethene

Concen: 8.565 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU047383.D

Acq: 08 Mar 2022 11:57

Tgt Ion: 95 Resp: 88546

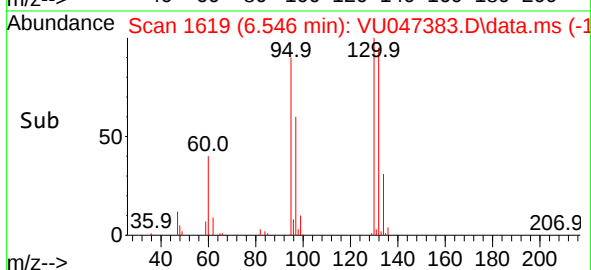
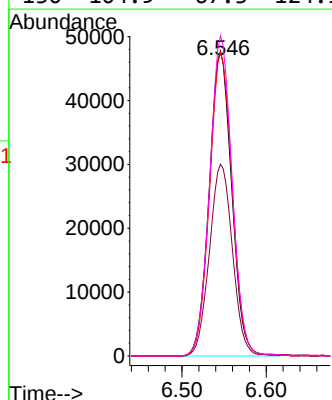
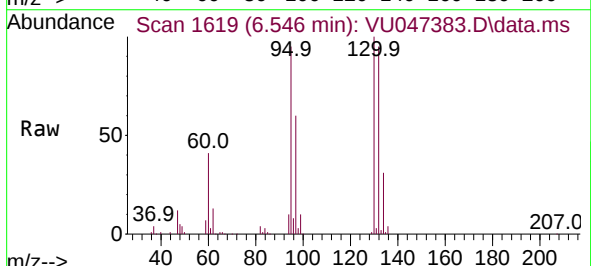
Ion Ratio Lower Upper

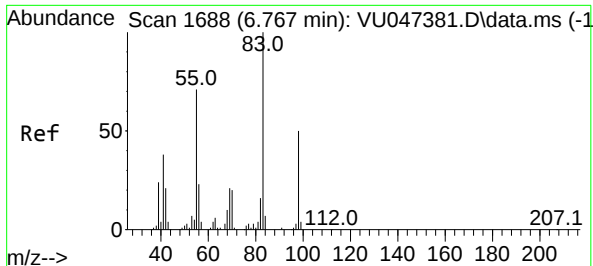
95 100

97 62.9 46.5 86.5

132 99.5 65.1 120.9

130 104.9 67.3 124.9

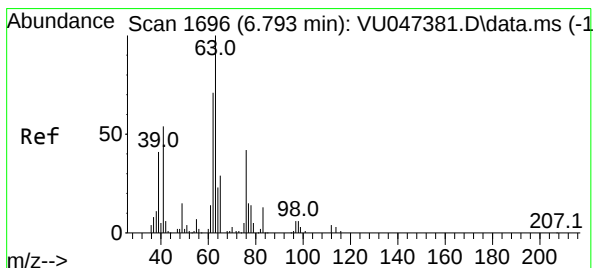
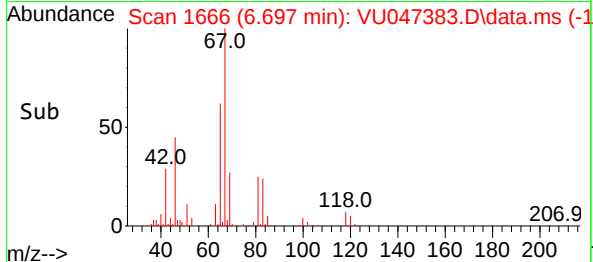
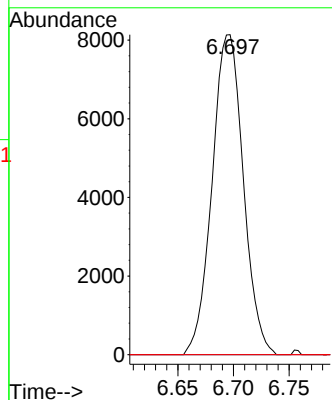
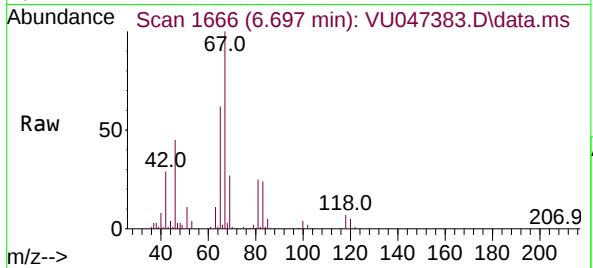




#35
Methylcyclohexane
Concen: 1.002 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU047383.D
Acq: 08 Mar 2022 11:57

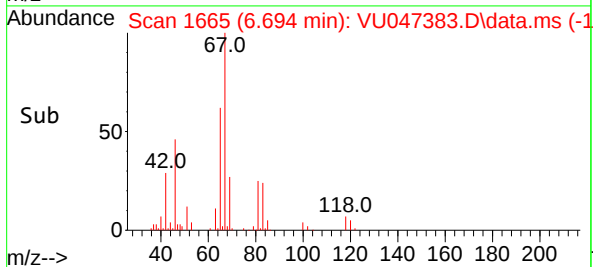
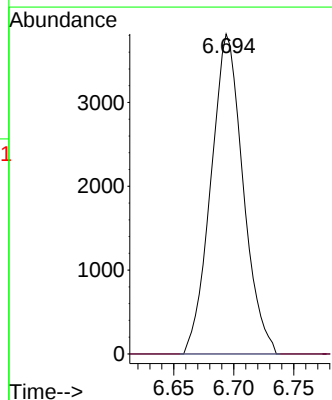
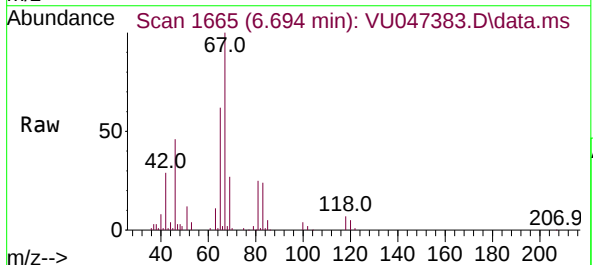
Instrument :
MSVOA_U
ClientSampleId :
BFY17DL

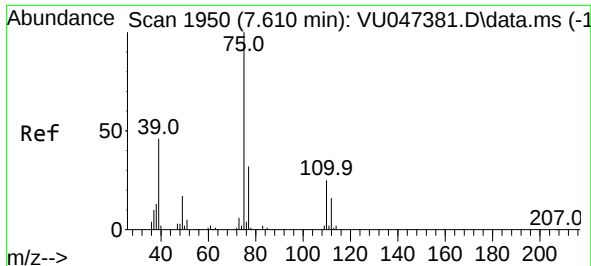
Tgt Ion: 83 Resp: 15876
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.8 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.730 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047383.D
Acq: 08 Mar 2022 11:57

Tgt Ion: 63 Resp: 7118
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047383.D

Acq: 08 Mar 2022 11:57

Instrument :

MSVOA_U

ClientSampleId :

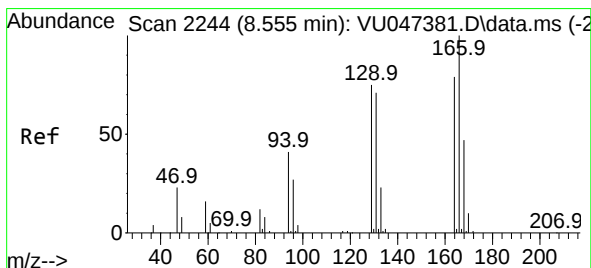
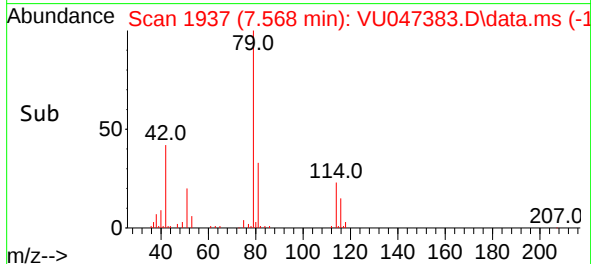
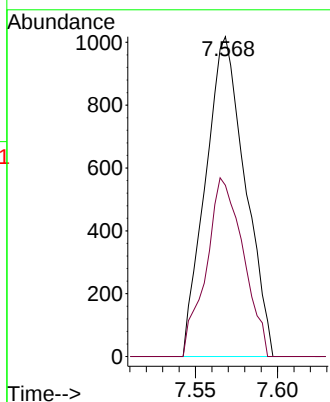
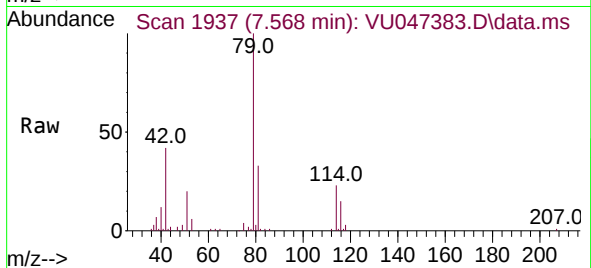
BFY17DL

Tgt Ion: 75 Resp: 1704

Ion Ratio Lower Upper

75 100

77 53.5 22.5 41.9#



#47

Tetrachloroethene

Concen: 4.464 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU047383.D

Acq: 08 Mar 2022 11:57

Tgt Ion: 164 Resp: 39316

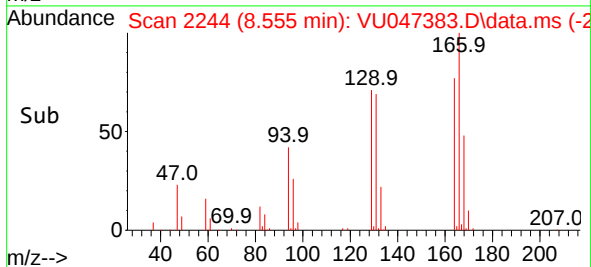
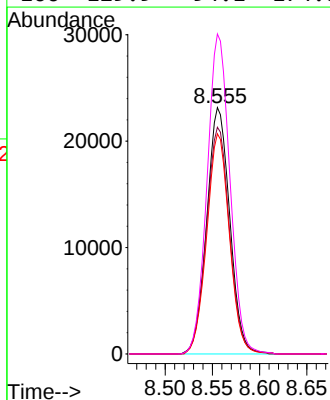
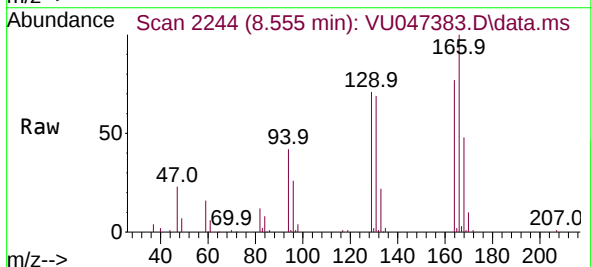
Ion Ratio Lower Upper

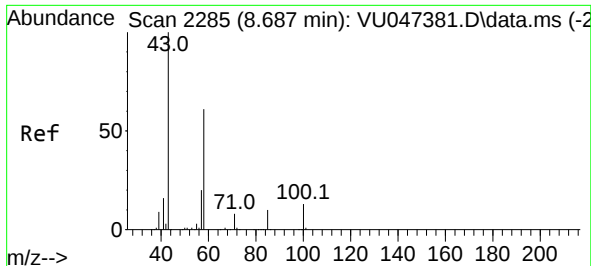
164 100

129 92.0 71.8 133.4

131 89.4 68.5 127.3

166 129.9 94.1 174.8

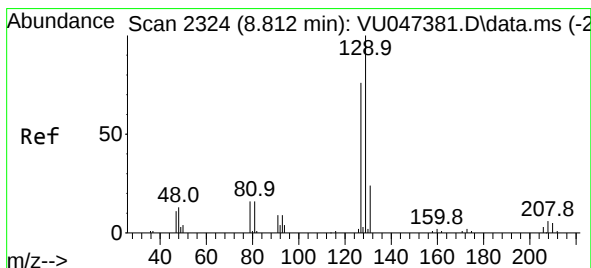
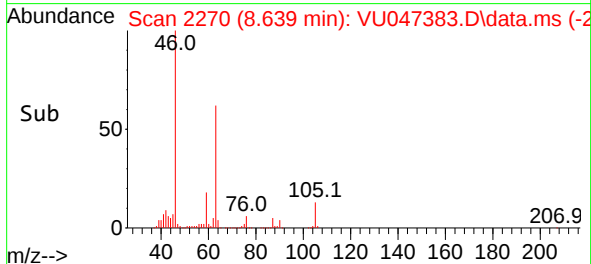
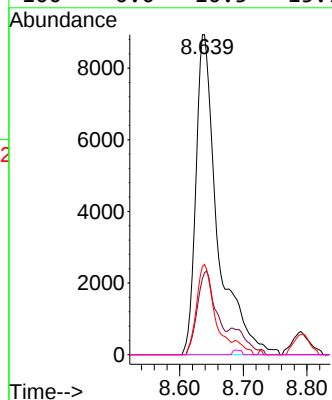
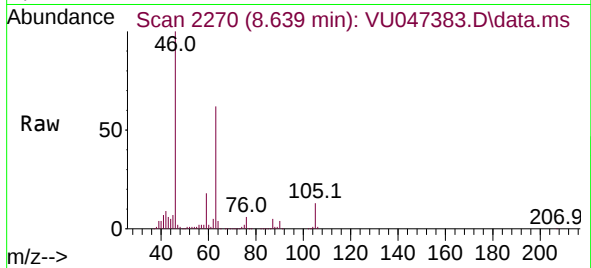




#48
2-Hexanone
Concen: 3.863 ug/L
RT: 8.639 min Scan# 21202
Delta R.T. -0.048 min
Lab File: VU047383.D
Acq: 08 Mar 2022 11:57

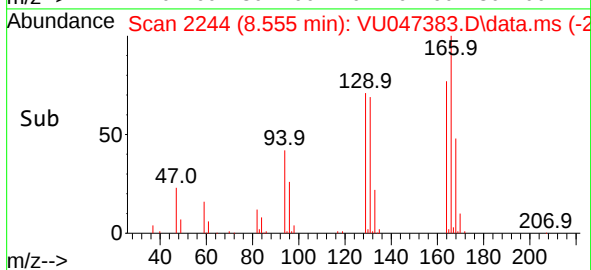
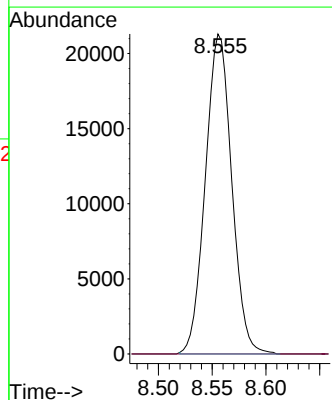
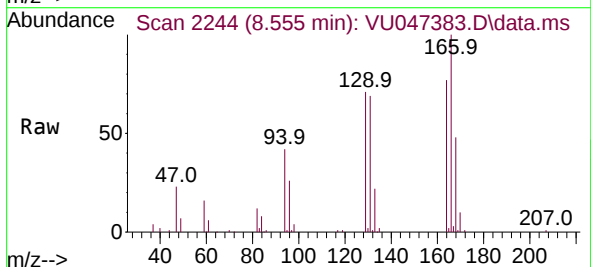
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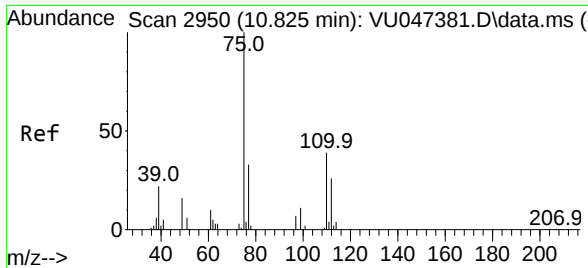
Tgt Ion: 43	Resp: 21202
Ion Ratio	Lower Upper
43 100	
58 22.8	46.7 70.1#
57 23.1	16.3 24.5
100 0.0	10.5 15.7#



#49
Dibromochloromethane
Concen: 3.660 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU047383.D
Acq: 08 Mar 2022 11:57

Tgt Ion:129	Resp:	36327	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.4	102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.279 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047383.D
 Acq: 08 Mar 2022 11:57

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75	Resp:	9880
Ion Ratio	Lower	Upper
75	100	
110	1.6	29.9 44.9#
77	32.4	25.5 38.3

