

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031522\
 Data File : VU047581.D
 Acq On : 15 Mar 2022 16:42
 Operator : SY/MD
 Sample : N1858-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 16 06:47:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 06:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	102011	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	101246	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	51310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31584	4.734	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.919	69	26043	4.301	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.571	65	10622	3.395	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	4.642	46	108378	56.459	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.920%
24) Chloroform-d	5.067	84	64284	4.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.706	65	39410	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.729	84	119334	4.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.693	67	41405	4.467	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.899	98	95624	3.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	8.182	79	17028	4.370	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.639	63	116763	57.806	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.620%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	49880	5.389	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	48820	4.553	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.607	50	6375	1.036	ug/L #	46
5) Vinyl chloride	1.607	62	978056	154.078	ug/L	97
8) Chloroethane	1.938	64	1946	0.507	ug/L #	69
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	265	0.050	ug/L #	18
12) 1,1-Dichloroethene	2.584	96	1717	0.338	ug/L #	1
18) trans-1,2-Dichloroethene	3.359	96	9122	1.670	ug/L	96
19) 1,1-Dichloroethane	3.877	63	1138	0.118	ug/L #	83
22) cis-1,2-Dichloroethene	4.671	96	1056689	174.330	ug/L	98
27) 1,2-Dichloroethane	5.800	62	1360	0.201	ug/L #	74
33) Benzene	5.777	78	15297	0.669	ug/L	100
34) Trichloroethene	6.546	95	6428	1.060	ug/L	98
35) Methylcyclohexane	6.693	83	9821	1.126	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	4401	0.751	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	973	0.107	ug/L #	62
45) 1,1,2-Trichloroethane	8.269	97	552	0.110	ug/L #	14
48) 2-Hexanone	8.636	43	12170	3.913	ug/L #	63
61) 1,2,3-Trichloropropane	11.812	75	5337	1.240	ug/L #	68

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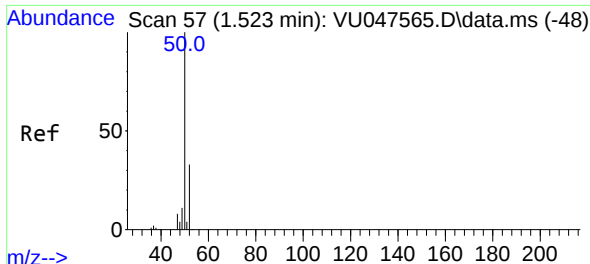
Quant Time: Mar 16 06:47:47 2022
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(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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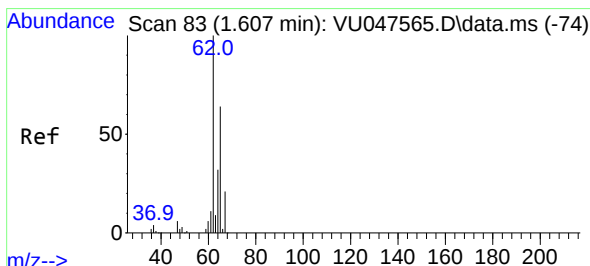
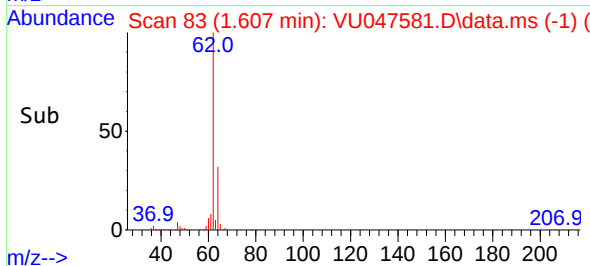
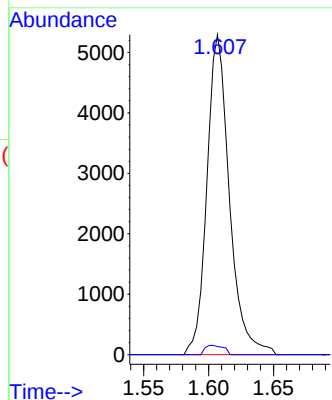
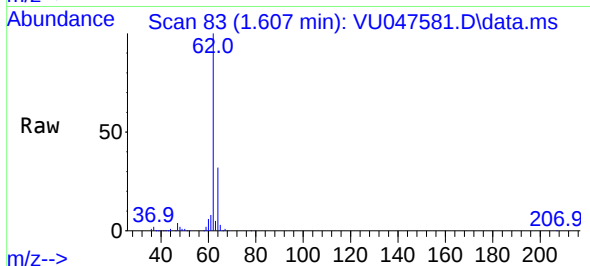




#3
Chloromethane
Concen: 1.036 ug/L
RT: 1.607 min Scan# 81
Delta R.T. 0.083 min
Lab File: VU047581.D
Acq: 15 Mar 2022 16:42

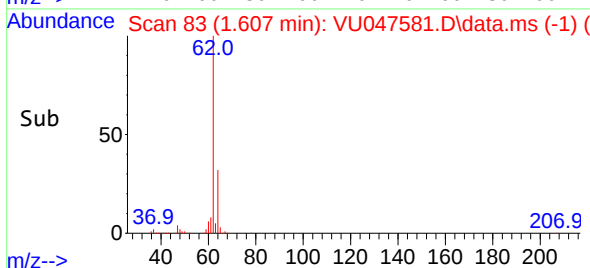
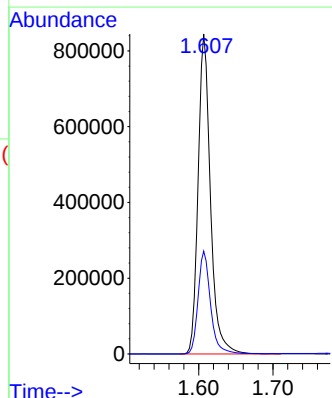
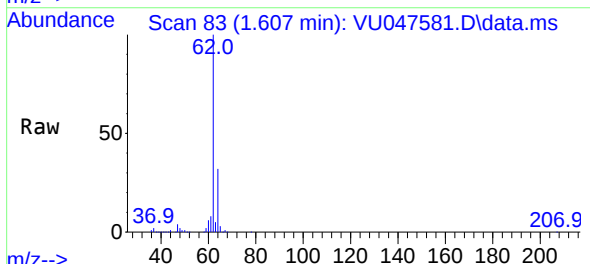
Instrument :
MSVOA_U
ClientSampleId :

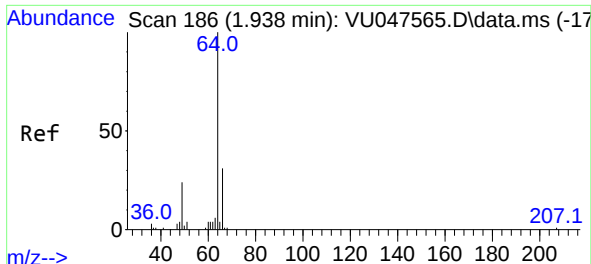
Tgt Ion: 50 Resp: 6375
Ion Ratio Lower Upper
50 100
52 2.5 23.2 43.0#



#5
Vinyl chloride
Concen: 154.078 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU047581.D
Acq: 15 Mar 2022 16:42

Tgt Ion: 62 Resp: 978056
Ion Ratio Lower Upper
62 100
64 32.2 23.5 43.7

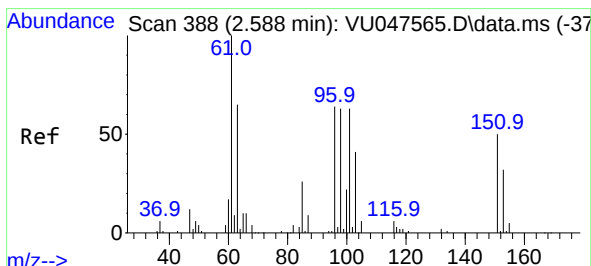
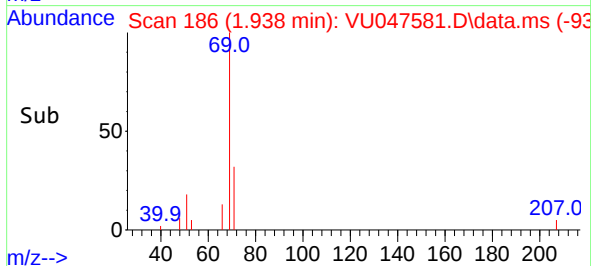
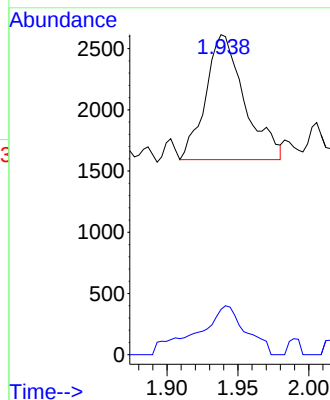
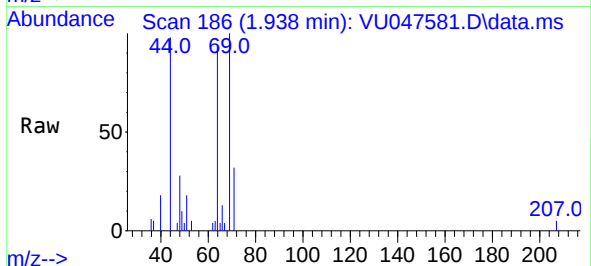




#8
Chloroethane
Concen: 0.507 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047581.D
Acq: 15 Mar 2022 16:42

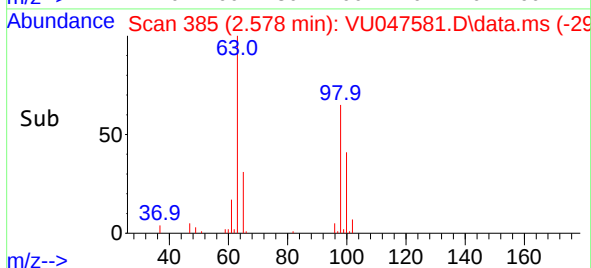
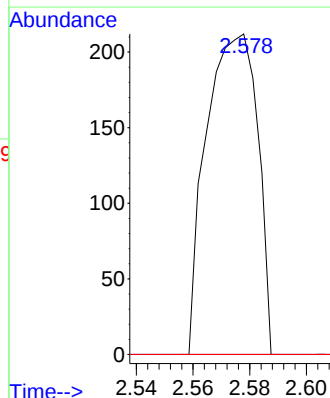
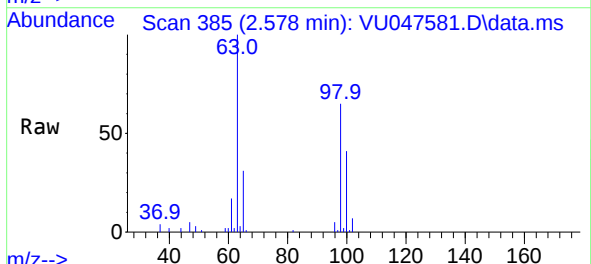
Instrument :
MSVOA_U
ClientSampleId :

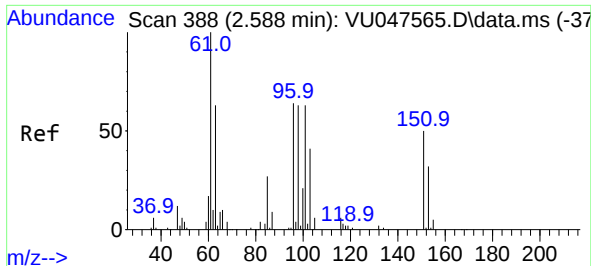
Tgt Ion: 64 Resp: 1946
Ion Ratio Lower Upper
64 100
66 14.2 22.0 40.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.050 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU047581.D
Acq: 15 Mar 2022 16:42

Tgt Ion:101 Resp: 265
Ion Ratio Lower Upper
101 100
85 0.0 34.0 51.0#
151 0.0 63.8 95.6#





#12

1,1-Dichloroethene

Concen: 0.338 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU047581.D

Acq: 15 Mar 2022 16:42

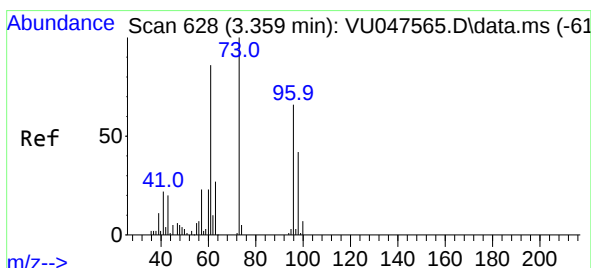
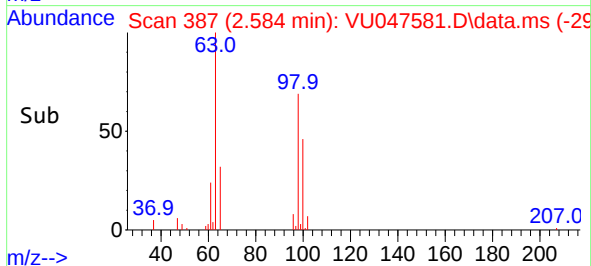
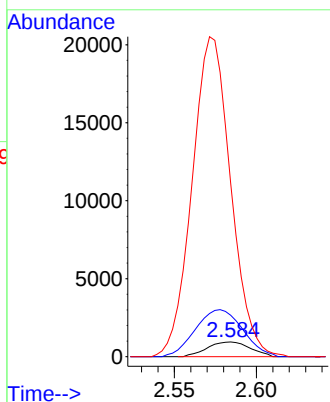
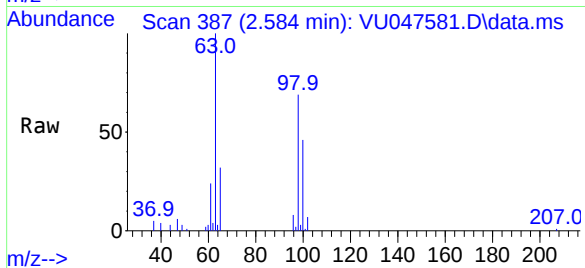
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 1717

Ion	Ratio	Lower	Upper
96	100		
61	282.4	111.4	207.0#
63	1181.8	106.6	198.0#



#18

trans-1,2-Dichloroethene

Concen: 1.670 ug/L

RT: 3.359 min Scan# 628

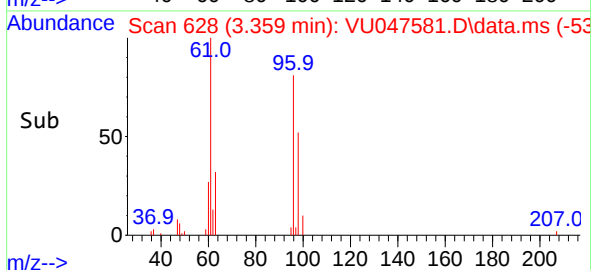
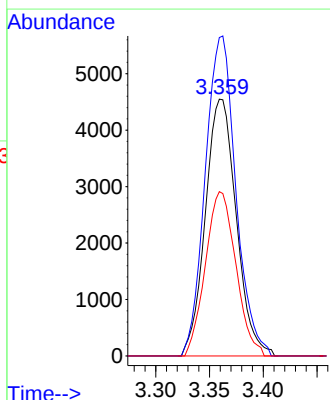
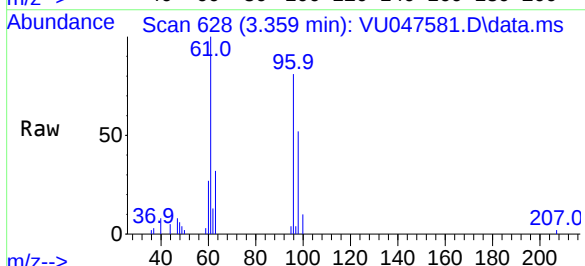
Delta R.T. -0.000 min

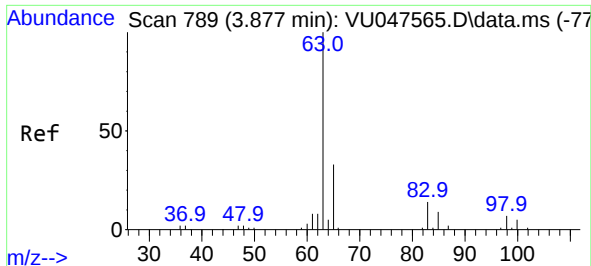
Lab File: VU047581.D

Acq: 15 Mar 2022 16:42

Tgt Ion: 96 Resp: 9122

Ion	Ratio	Lower	Upper
96	100		
61	124.0	91.7	170.3
98	64.0	45.1	83.7





#19

1,1-Dichloroethane

Concen: 0.118 ug/L

RT: 3.877 min Scan# 71

Delta R.T. -0.000 min

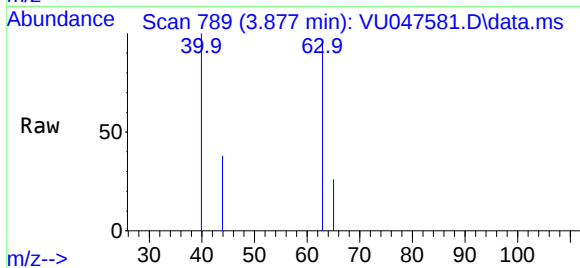
Lab File: VU047581.D

Acq: 15 Mar 2022 16:42

Instrument :

MSVOA_U

ClientSampleId :



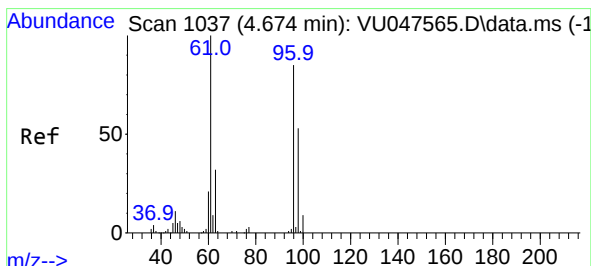
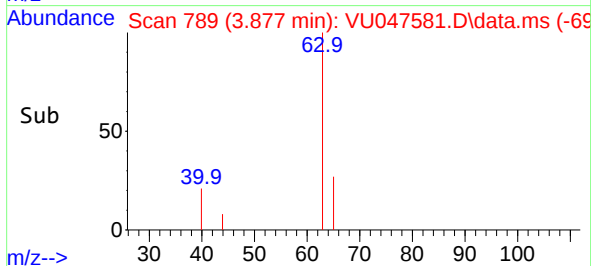
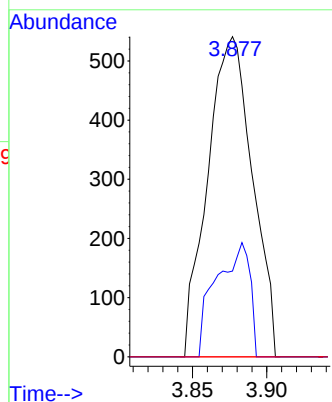
Tgt Ion: 63 Resp: 1138

Ion Ratio Lower Upper

63 100

65 26.8 21.8 40.6

83 0.0 10.8 20.0#



#22

cis-1,2-Dichloroethene

Concen: 174.330 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU047581.D

Acq: 15 Mar 2022 16:42

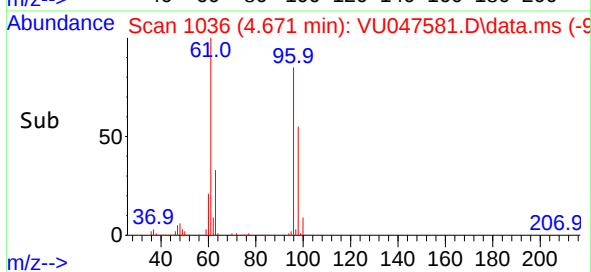
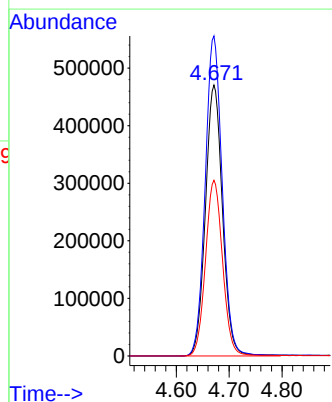
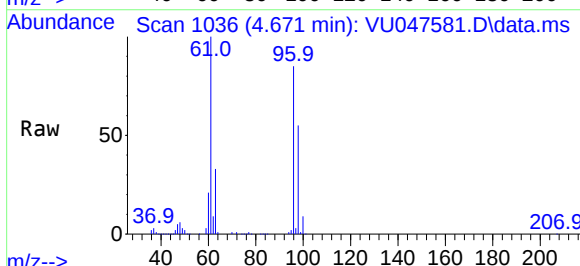
Tgt Ion: 96 Resp: 1056689

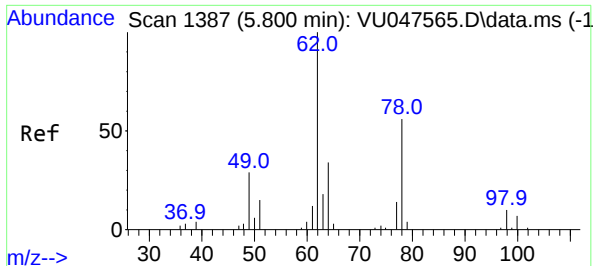
Ion Ratio Lower Upper

96 100

61 118.1 83.9 155.7

98 64.9 46.4 86.2

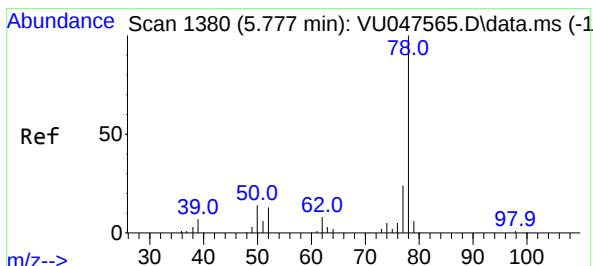
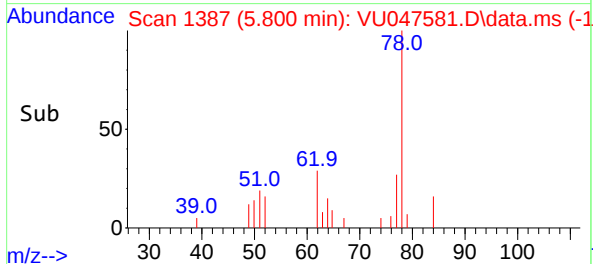
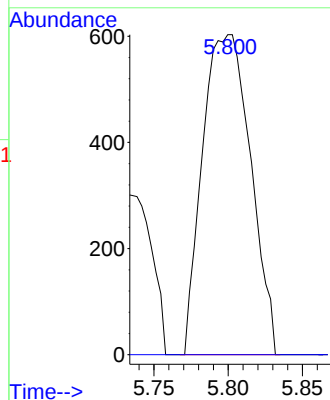
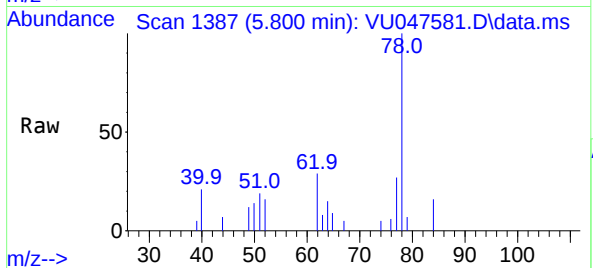




#27
1,2-Dichloroethane
Concen: 0.201 ug/L
RT: 5.800 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047581.D
Acq: 15 Mar 2022 16:42

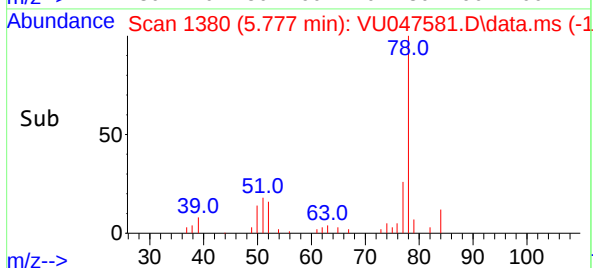
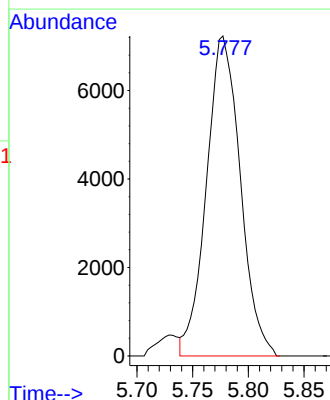
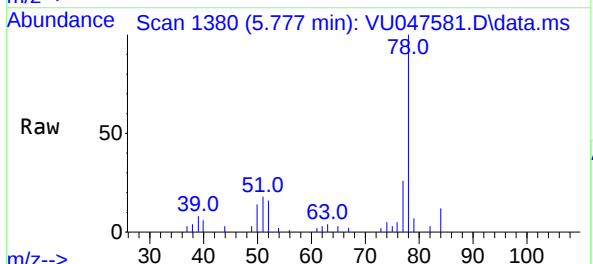
Instrument :
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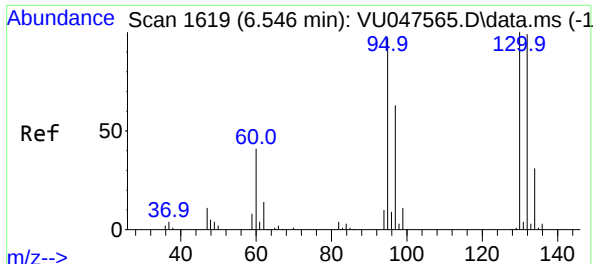
Tgt Ion: 62 Resp: 1360
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#



#33
Benzene
Concen: 0.669 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047581.D
Acq: 15 Mar 2022 16:42

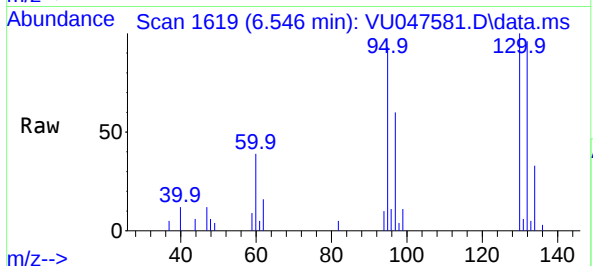
Tgt Ion: 78 Resp: 15297



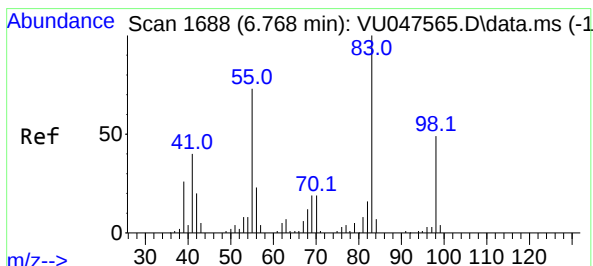
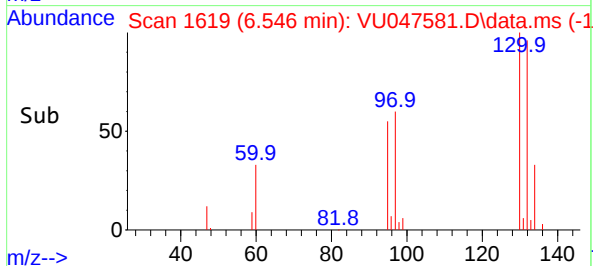
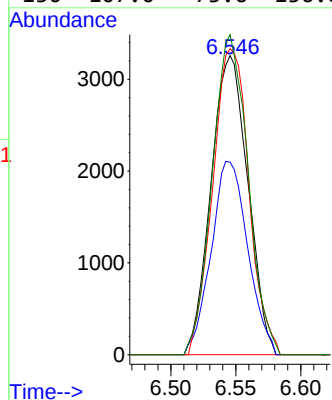


#34
Trichloroethene
Concen: 1.060 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047581.D
Acq: 15 Mar 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :

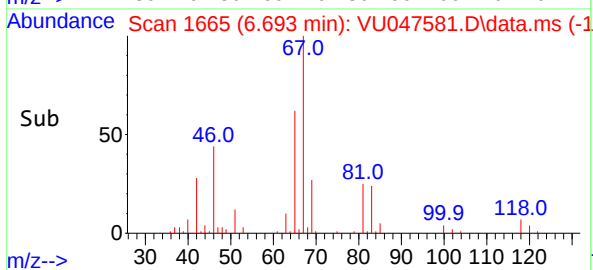
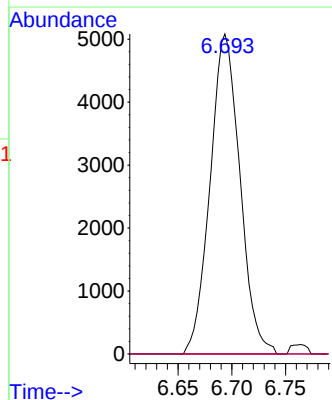
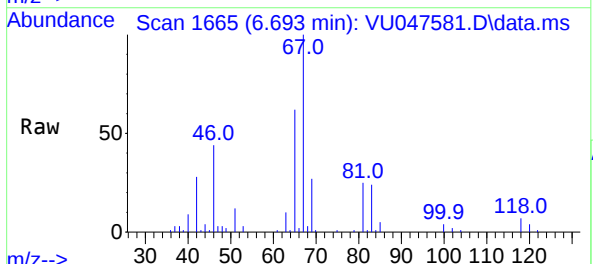


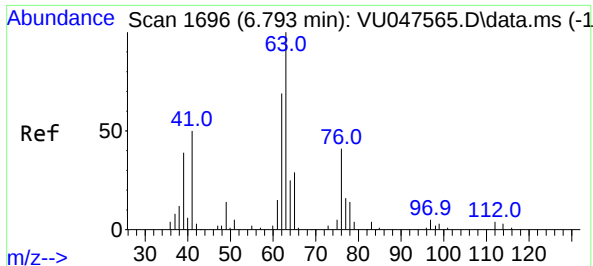
Tgt Ion: 95 Resp: 6428
Ion Ratio Lower Upper
95 100
97 64.4 46.3 85.9
132 102.3 70.7 131.3
130 107.0 73.6 136.8



#35
Methylcyclohexane
Concen: 1.126 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047581.D
Acq: 15 Mar 2022 16:42

Tgt Ion: 83 Resp: 9821
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.7 37.5 56.3#

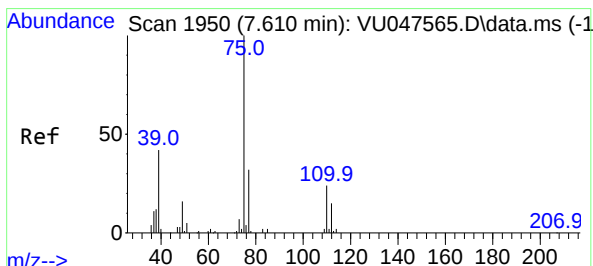
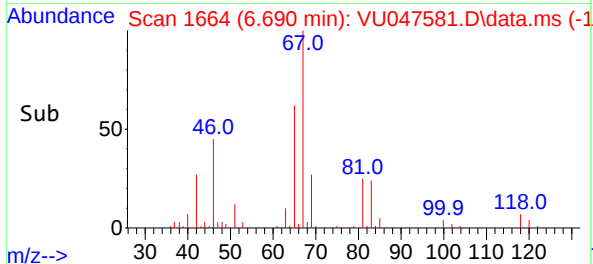
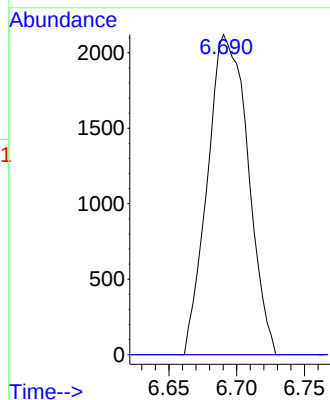
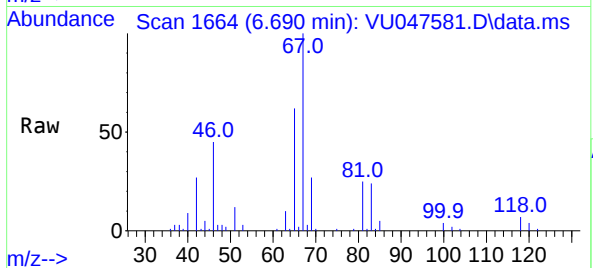




#37
1,2-Dichloropropane
Concen: 0.751 ug/L
RT: 6.690 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU047581.D
Acq: 15 Mar 2022 16:42

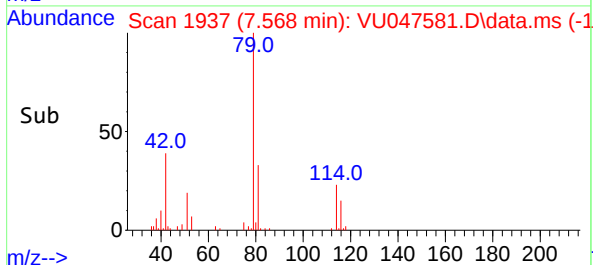
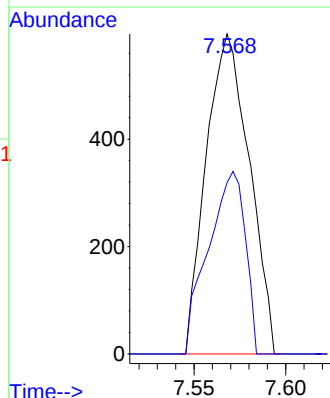
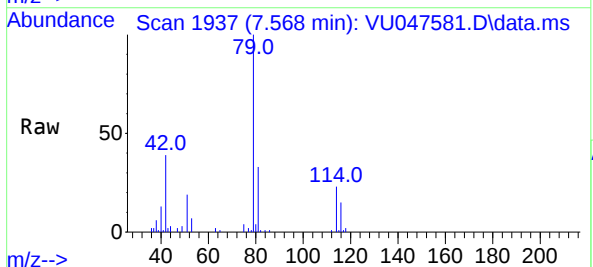
Instrument :
MSVOA_U
ClientSampleId :

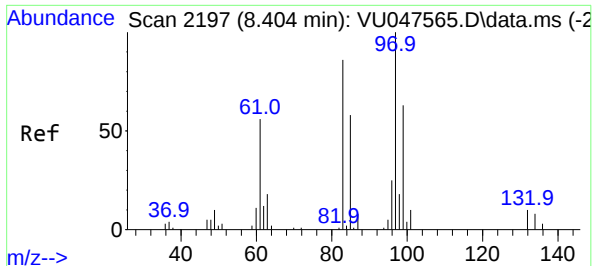
Tgt Ion: 63 Resp: 4401
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU047581.D
Acq: 15 Mar 2022 16:42

Tgt Ion: 75 Resp: 973
Ion Ratio Lower Upper
75 100
77 53.5 22.6 42.0#





#45

1,1,2-Trichloroethane

Concen: 0.110 ug/L

RT: 8.269 min Scan# 2197

Delta R.T. -0.135 min

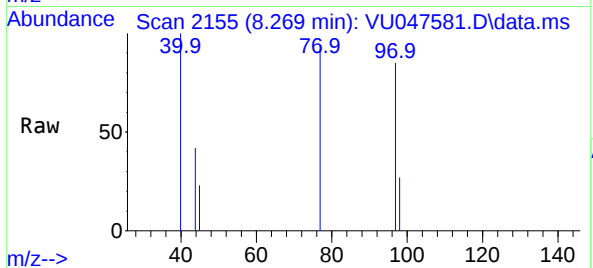
Lab File: VU047581.D

Acq: 15 Mar 2022 16:42

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 552

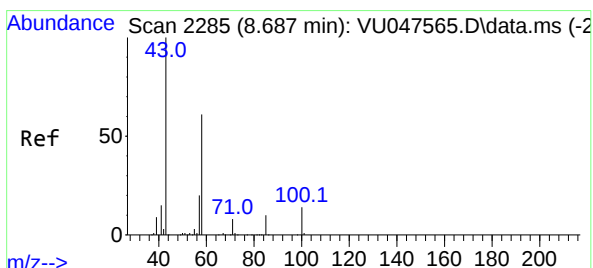
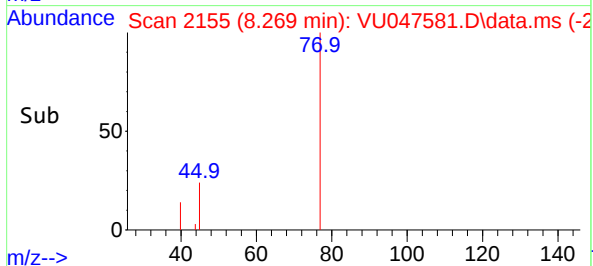
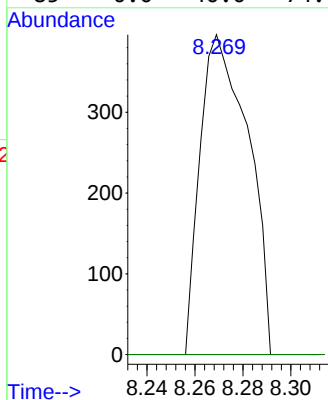
Ion Ratio Lower Upper

97 100

99 0.0 45.3 84.1#

83 0.0 62.2 115.6#

85 0.0 40.0 74.4#



#48

2-Hexanone

Concen: 3.913 ug/L

RT: 8.636 min Scan# 2269

Delta R.T. -0.052 min

Lab File: VU047581.D

Acq: 15 Mar 2022 16:42

Tgt Ion: 43 Resp: 12170

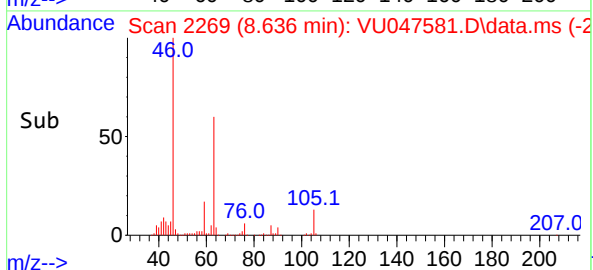
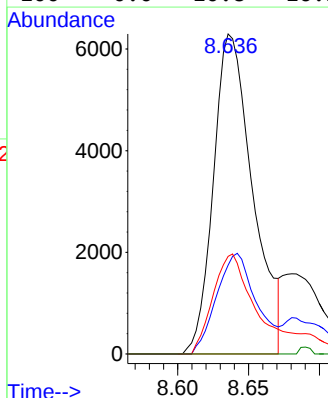
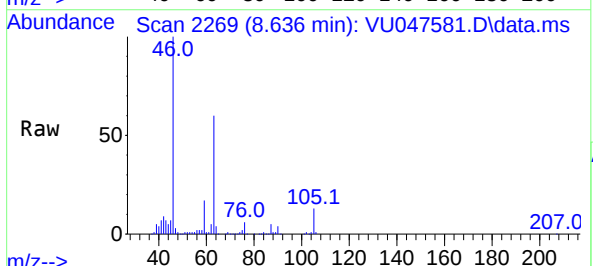
Ion Ratio Lower Upper

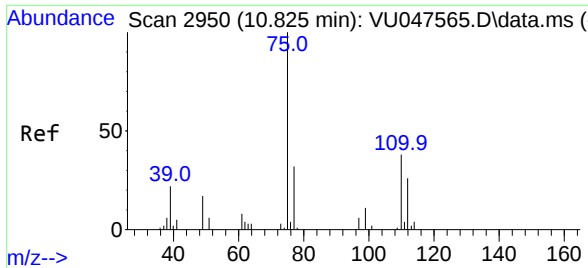
43 100

58 32.0 47.5 71.3#

57 38.1 16.0 24.0#

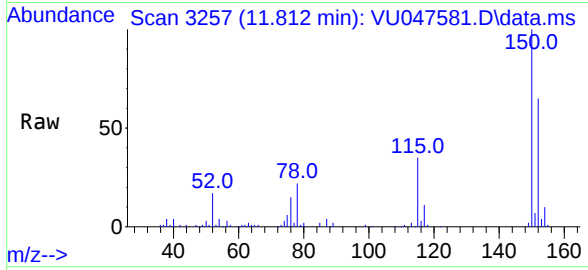
100 0.0 10.8 16.2#





#61
1,2,3-Trichloropropane
Concen: 1.240 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU047581.D
Acq: 15 Mar 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 5337
Ion Ratio Lower Upper
75 100
110 2.2 30.2 45.4#
77 32.9 26.6 39.8

