

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031522\
 Data File : VU047580.D
 Acq On : 15 Mar 2022 16:19
 Operator : SY/MD
 Sample : N1858-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 16 06:47:33 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

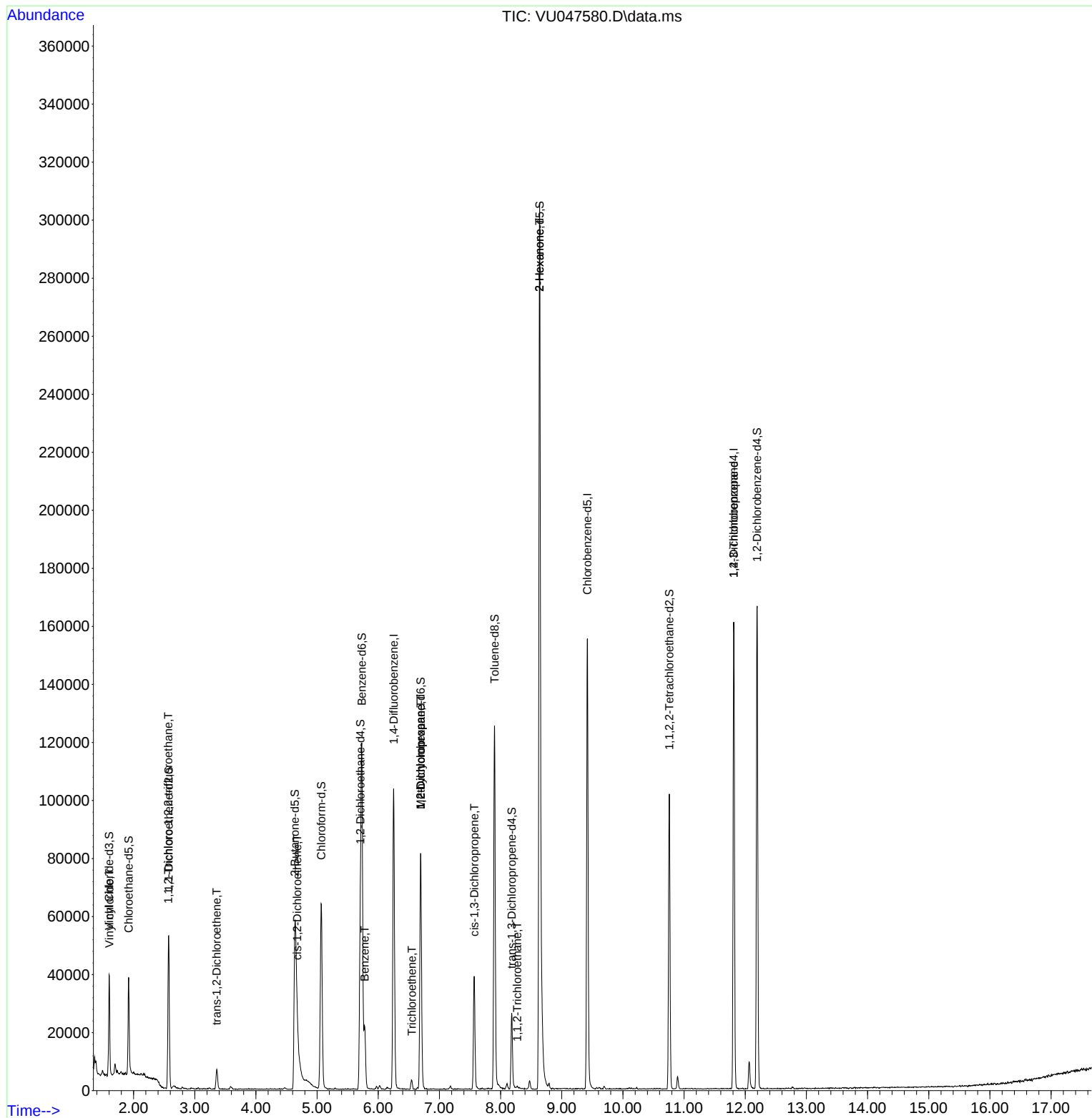
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	90699	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	93995	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46501	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	22467	3.788	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.800%	
7) Chloroethane-d5	1.919	69	24423	4.537	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.800%	
11) 1,1-Dichloroethene-d2	2.575	65	9720	3.494	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.800%	
20) 2-Butanone-d5	4.639	46	131187	76.865	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	153.720%#	
24) Chloroform-d	5.070	84	60825	4.670	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
26) 1,2-Dichloroethane-d4	5.706	65	38493	5.454	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.000%	
32) Benzene-d6	5.732	84	111826	4.087	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.800%	
36) 1,2-Dichloropropane-d6	6.693	67	39287	4.566	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.400%	
41) Toluene-d8	7.902	98	88723	3.458	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.200%#	
43) trans-1,3-Dichloroprop...	8.182	79	15445	4.269	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.400%	
46) 2-Hexanone-d5	8.639	63	123753	65.993	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	131.980%#	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	51290	5.969	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	119.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	47178	4.855	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.200%	
Target Compounds						
5) Vinyl chloride	1.607	62	2418	0.428	ug/L #	66
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	228	0.049	ug/L #	18
18) trans-1,2-Dichloroethene	3.359	96	3213	0.661	ug/L	94
22) cis-1,2-Dichloroethene	4.674	96	2072	0.384	ug/L	91
33) Benzene	5.777	78	20242	0.953	ug/L	100
34) Trichloroethene	6.549	95	1073	0.191	ug/L	91
35) Methylcyclohexane	6.693	83	9345	1.154	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	3993	0.734	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	840	0.099	ug/L #	8
45) 1,1,2-Trichloroethane	8.272	97	467	0.100	ug/L #	14
48) 2-Hexanone	8.635	43	13511	4.679	ug/L #	65
61) 1,2,3-Trichloropropane	11.812	75	5032	1.290	ug/L #	67

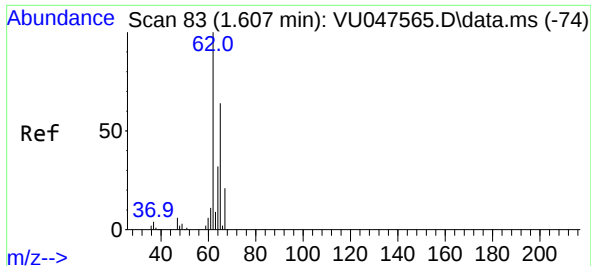
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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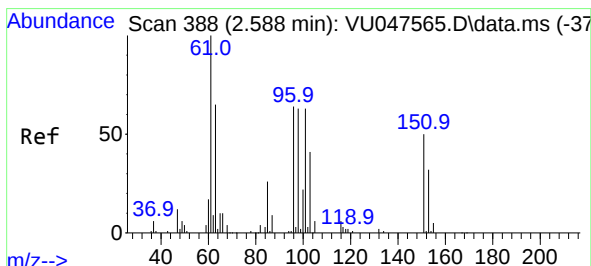
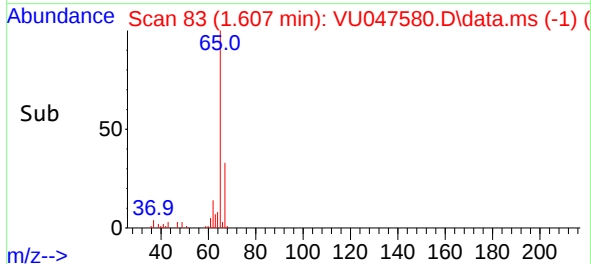
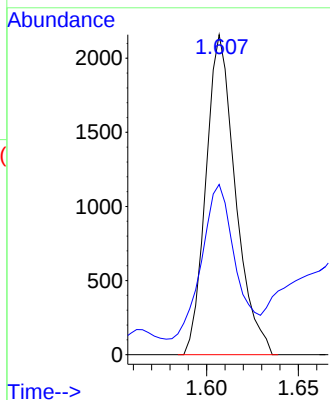
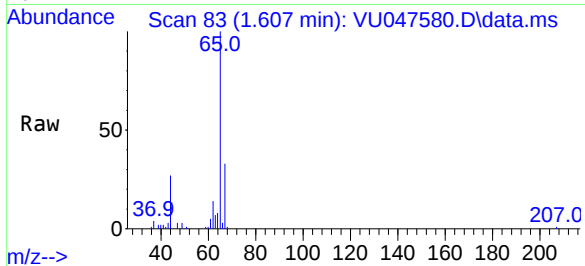




#5
 Vinyl chloride
 Concen: 0.428 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047580.D
 Acq: 15 Mar 2022 16:19

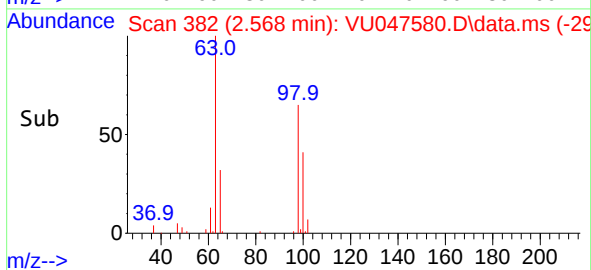
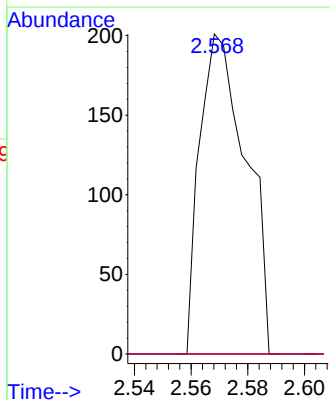
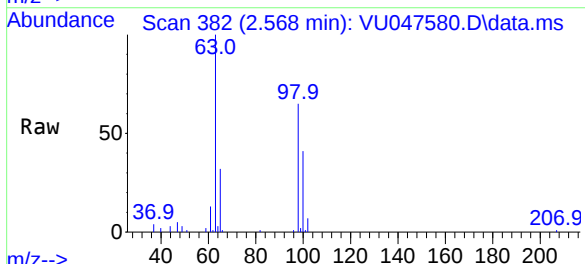
Instrument :
 MSVOA_U
 ClientSampleId :

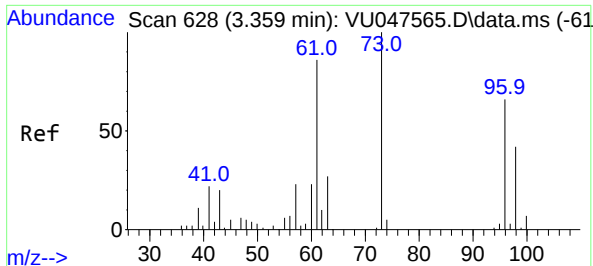
Tgt Ion: 62 Resp: 2418
 Ion Ratio Lower Upper
 62 100
 64 53.2 23.5 43.7#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.049 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.019 min
 Lab File: VU047580.D
 Acq: 15 Mar 2022 16:19

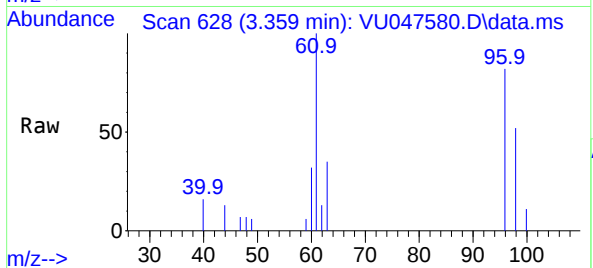
Tgt Ion: 101 Resp: 228
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.0 51.0#
 151 0.0 63.8 95.6#



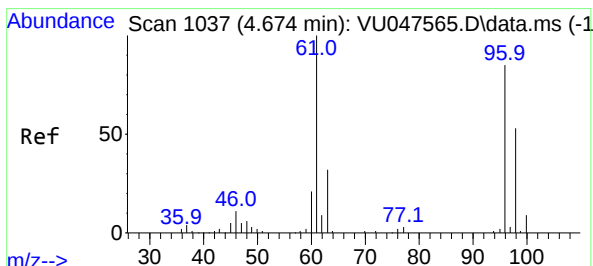
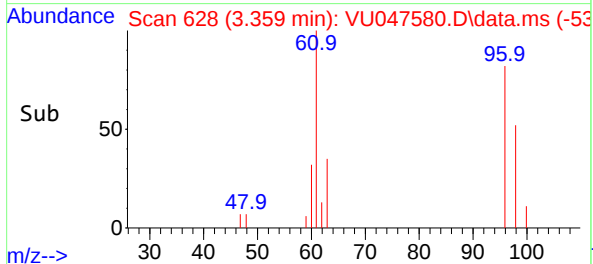
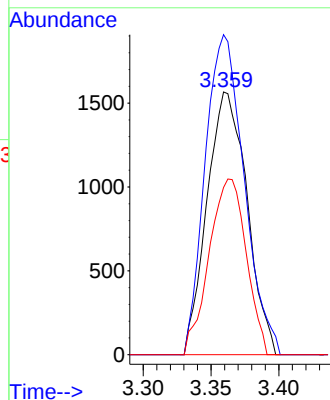


#18
trans-1,2-Dichloroethene
Concen: 0.661 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047580.D
Acq: 15 Mar 2022 16:19

Instrument :
MSVOA_U
ClientSampleId :

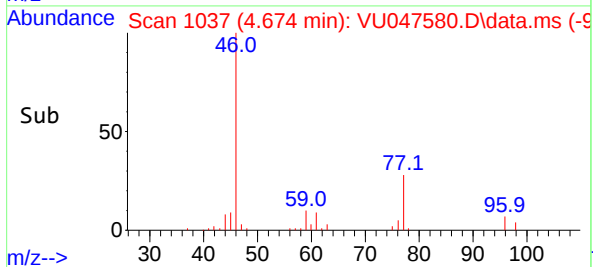
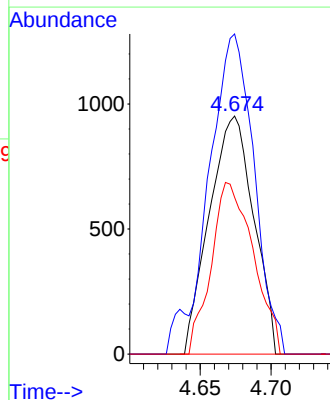
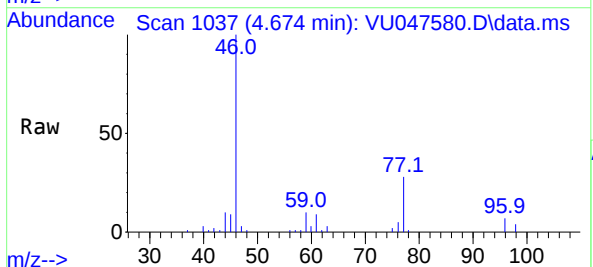


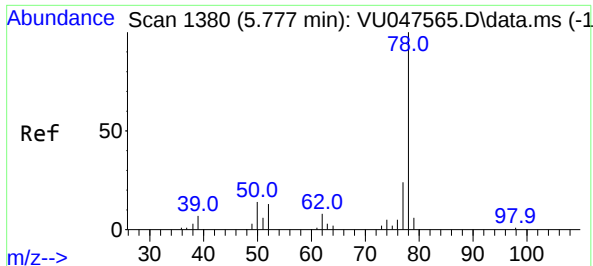
Tgt Ion: 96 Resp: 3213
Ion Ratio Lower Upper
96 100
61 121.8 91.7 170.3
98 63.6 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 0.384 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU047580.D
Acq: 15 Mar 2022 16:19

Tgt Ion: 96 Resp: 2072
Ion Ratio Lower Upper
96 100
61 134.5 83.9 155.7
98 65.9 46.4 86.2





Benzene

Concen: 0.953 ug/L

RT: 5.777 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU047580.D

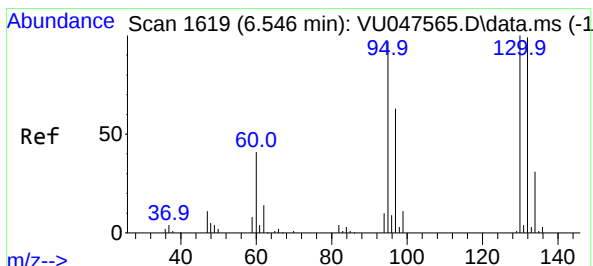
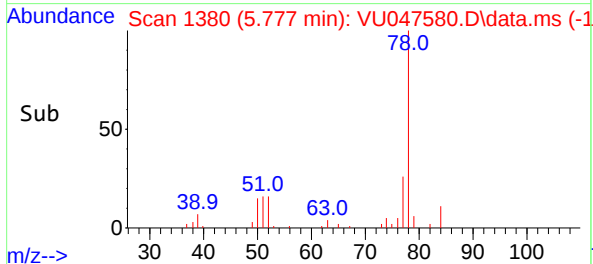
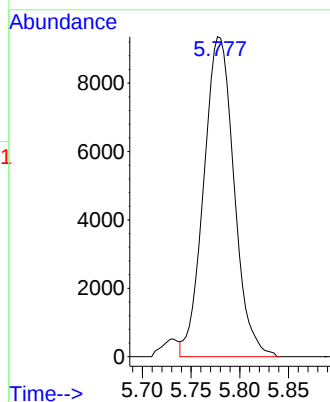
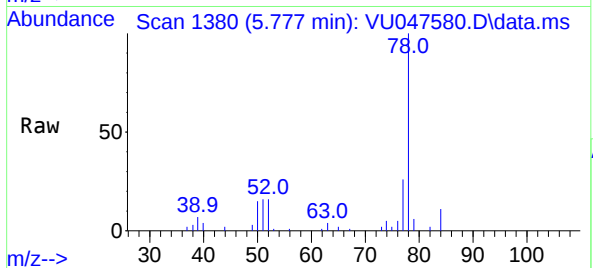
Acq: 15 Mar 2022 16:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 20242



Trichloroethene

Concen: 0.191 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.003 min

Lab File: VU047580.D

Acq: 15 Mar 2022 16:19

Tgt Ion: 95 Resp: 1073

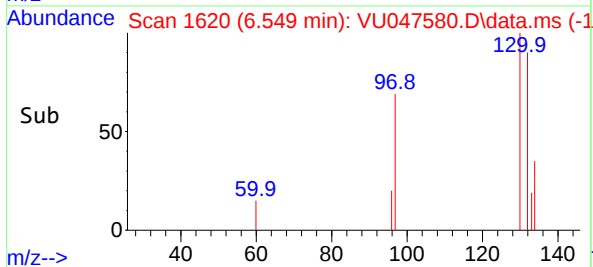
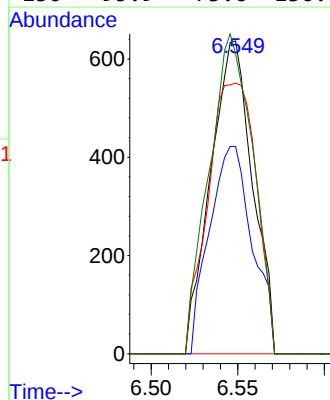
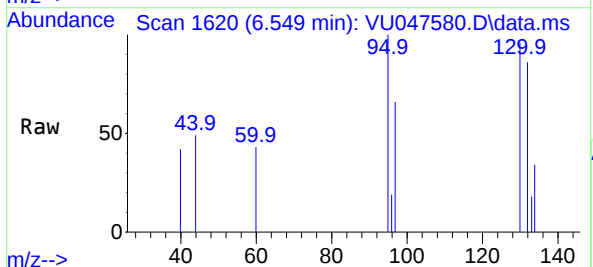
Ion Ratio Lower Upper

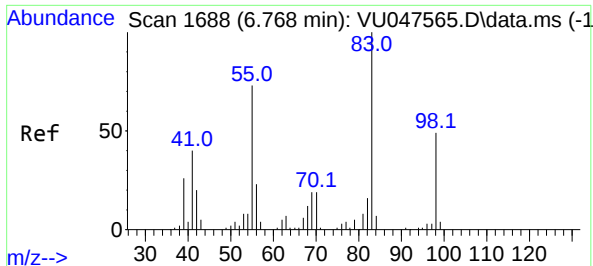
95 100

97 66.2 46.3 85.9

132 86.5 70.7 131.3

130 95.9 73.6 136.8





#35

Methylcyclohexane

Concen: 1.154 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU047580.D

Acq: 15 Mar 2022 16:19

Instrument :

MSVOA_U

ClientSampleId :

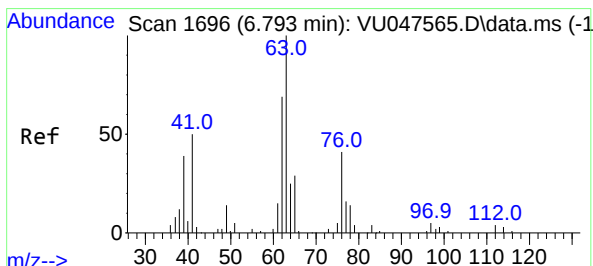
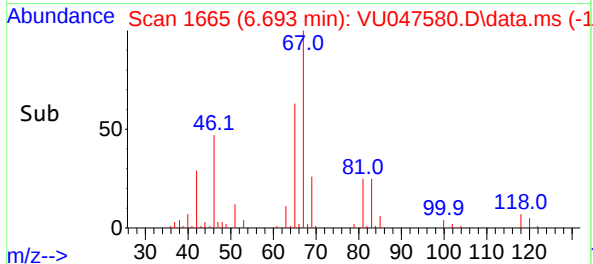
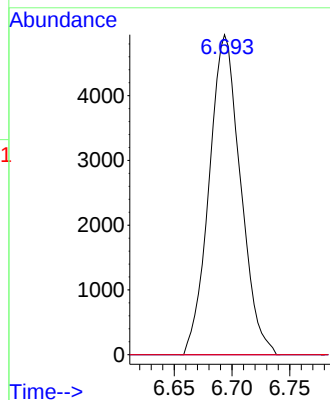
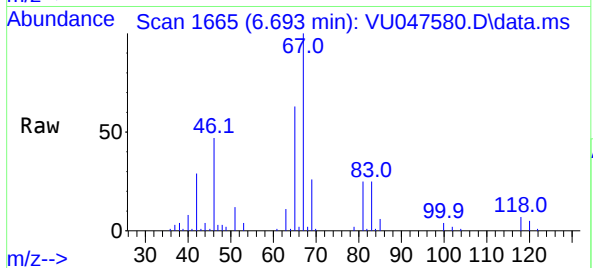
Tgt Ion: 83 Resp: 9345

Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 0.4 37.5 56.3#



#37

1,2-Dichloropropane

Concen: 0.734 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU047580.D

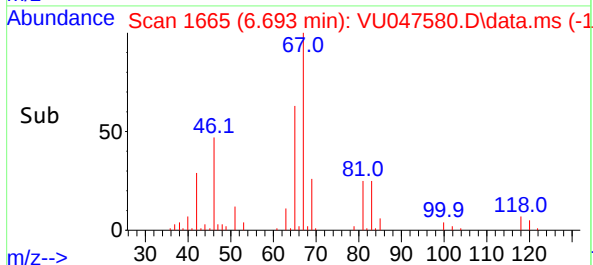
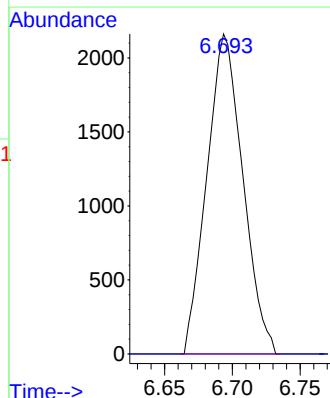
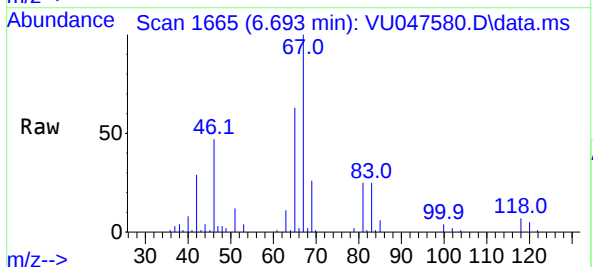
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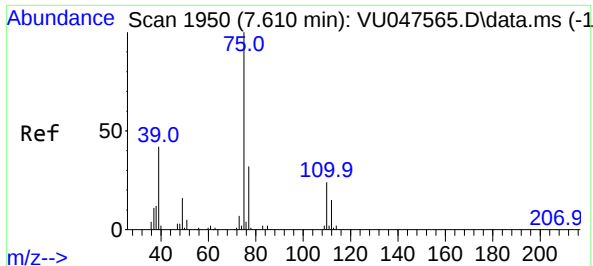
Tgt Ion: 63 Resp: 3993

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#

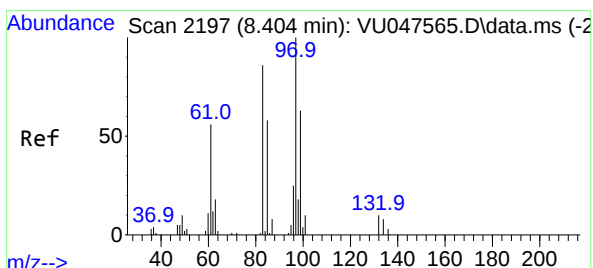
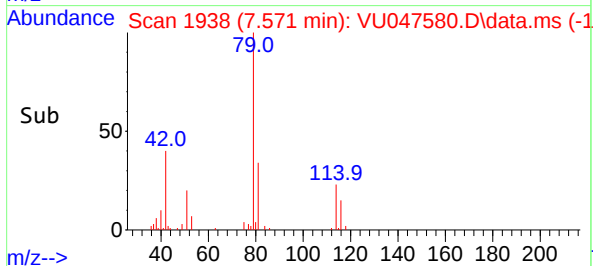
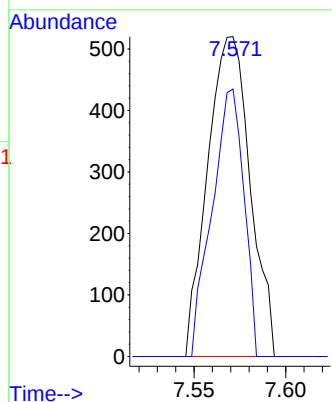
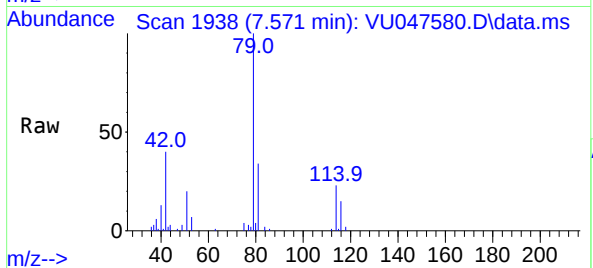




#39
cis-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 7.571 min Scan# 1950
Delta R.T. -0.039 min
Lab File: VU047580.D
Acq: 15 Mar 2022 16:19

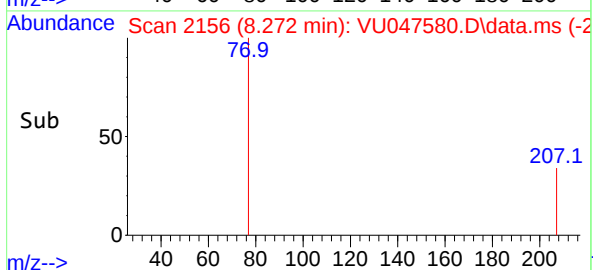
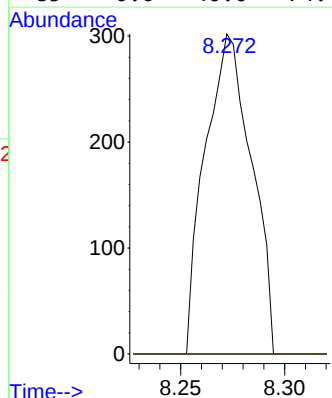
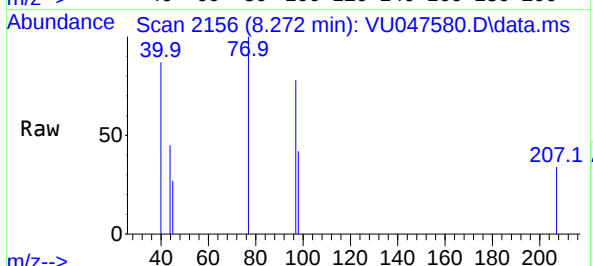
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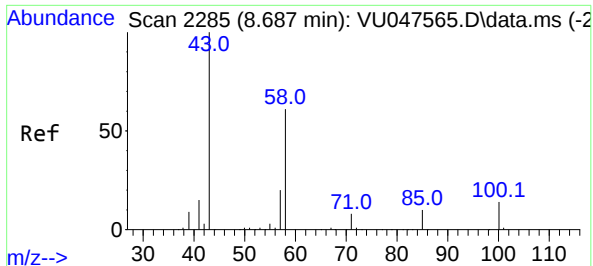
Tgt Ion: 75 Resp: 840
Ion Ratio Lower Upper
75 100
77 83.7 22.6 42.0#



#45
1,1,2-Trichloroethane
Concen: 0.100 ug/L
RT: 8.272 min Scan# 2156
Delta R.T. -0.132 min
Lab File: VU047580.D
Acq: 15 Mar 2022 16:19

Tgt Ion: 97 Resp: 467
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: 4.679 ug/L

RT: 8.635 min Scan# 21

Delta R.T. -0.052 min

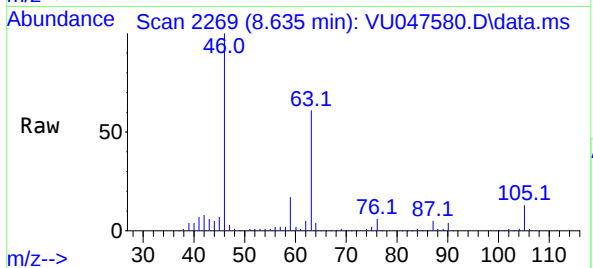
Lab File: VU047580.D

Acq: 15 Mar 2022 16:19

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 13511

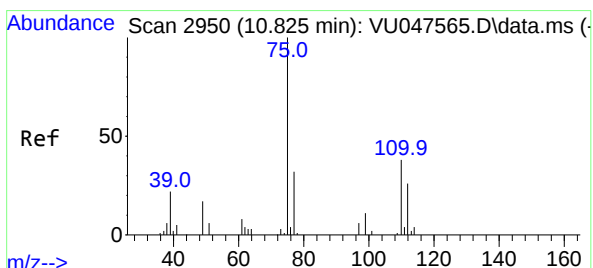
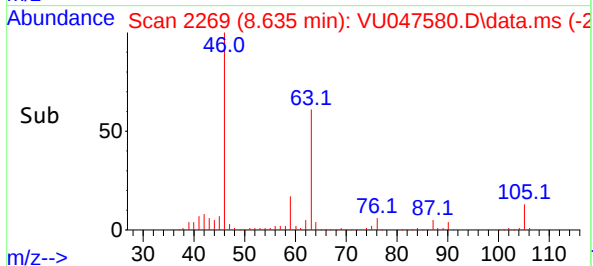
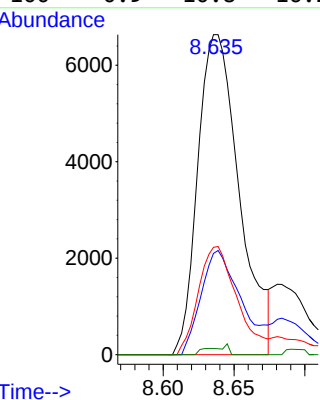
Ion Ratio Lower Upper

43 100

58 30.1 47.5 71.3#

57 31.7 16.0 24.0#

100 0.9 10.8 16.2#



#61

1,2,3-Trichloropropane

Concen: 1.290 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU047580.D

Acq: 15 Mar 2022 16:19

Tgt Ion: 75 Resp: 5032

Ion Ratio Lower Upper

75 100

110 0.0 30.2 45.4#

77 33.2 26.6 39.8

