

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031522\
 Data File : VU047579.D
 Acq On : 15 Mar 2022 15:55
 Operator : SY/MD
 Sample : N1858-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 16 06:47:20 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)

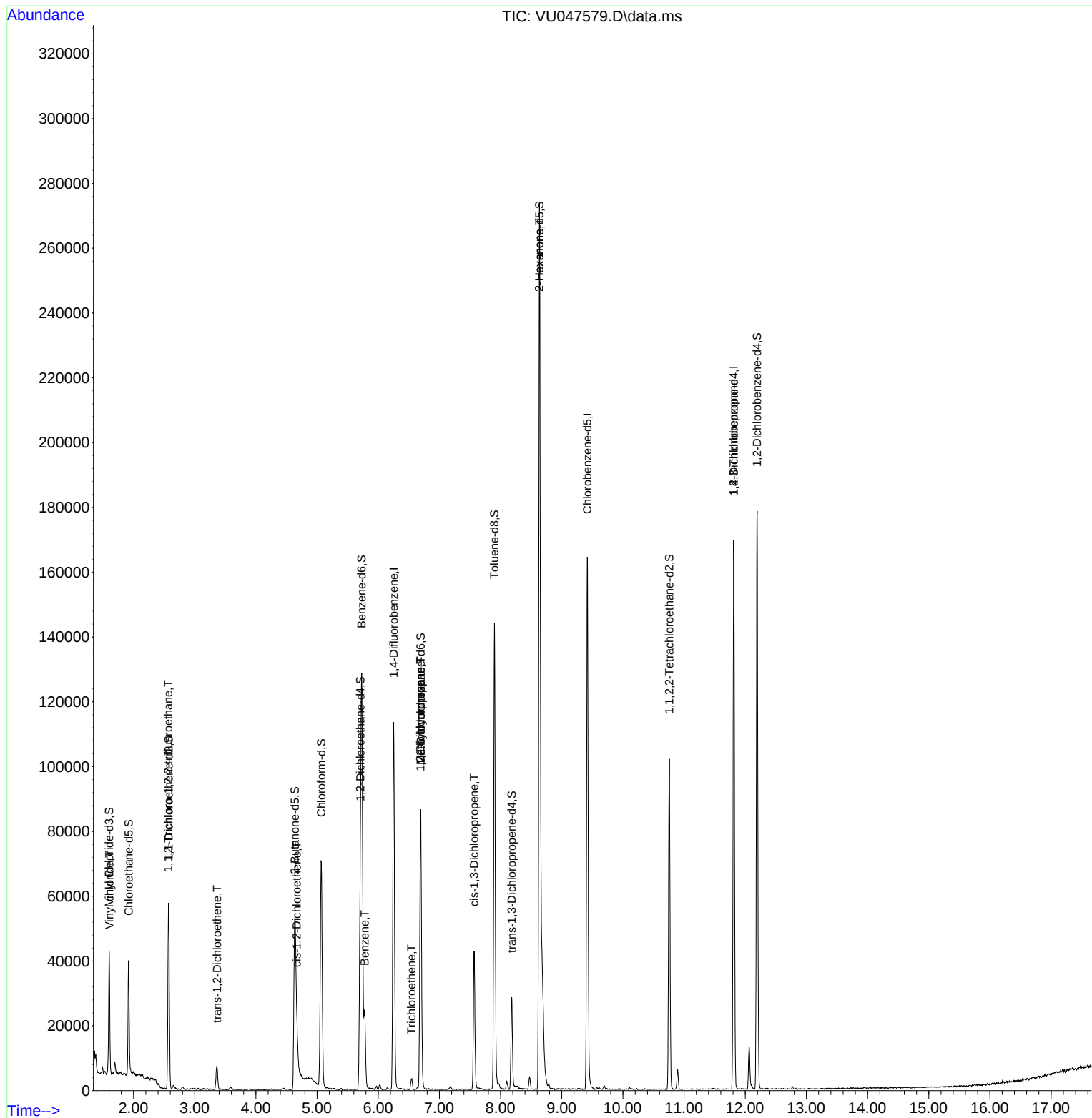
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	97780	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	100679	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48229	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	24334	3.805	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.919	69	26688	4.598	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.575	65	10307	3.437	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	4.636	46	93777	50.967	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.940%
24) Chloroform-d	5.070	84	65676	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.706	65	40803	5.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.729	84	122376	4.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.693	67	41775	4.533	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.899	98	101026	3.676	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	8.182	79	16567	4.276	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.635	63	117398	58.448	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.900%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	51562	5.602	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	48878	4.850	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
5) Vinyl chloride	1.607	62	2437	0.401	ug/L #	77
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	296	0.059	ug/L #	18
18) trans-1,2-Dichloroethene	3.366	96	3401	0.649	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	2545	0.438	ug/L	98
33) Benzene	5.777	78	23367	1.027	ug/L	100
34) Trichloroethene	6.542	95	1207	0.200	ug/L	82
35) Methylcyclohexane	6.693	83	9738	1.122	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	4304	0.738	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	916	0.101	ug/L	84
48) 2-Hexanone	8.635	43	12577	4.067	ug/L #	65
61) 1,2,3-Trichloropropane	11.812	75	5200	1.285	ug/L #	67

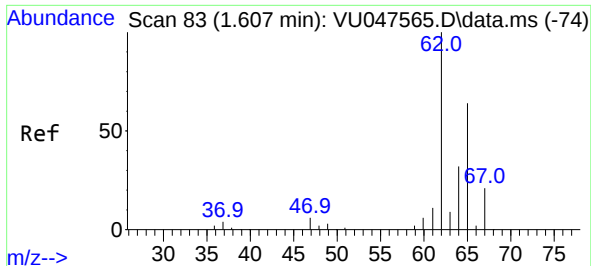
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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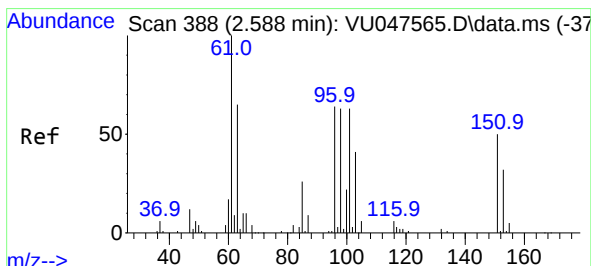
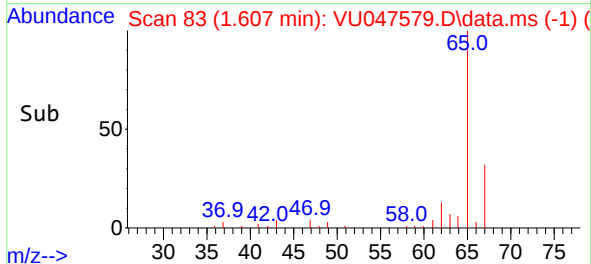
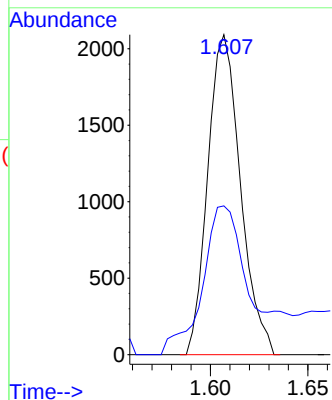
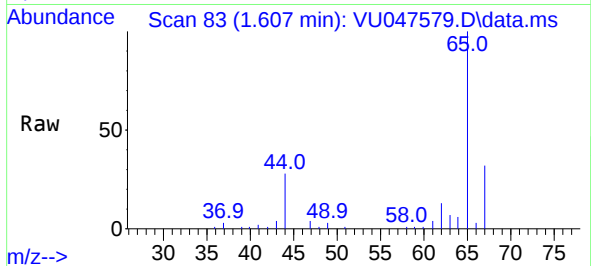




#5
Vinyl chloride
Concen: 0.401 ug/L
RT: 1.607 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU047579.D
Acq: 15 Mar 2022 15:55

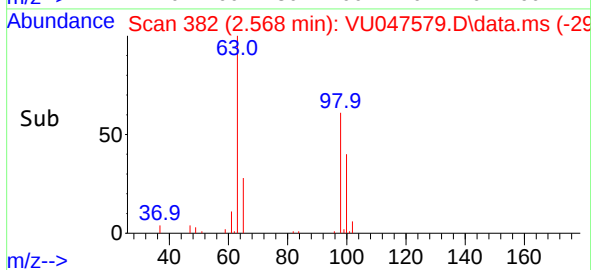
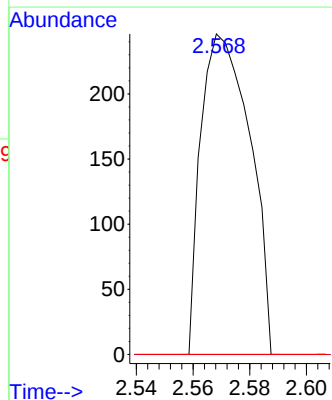
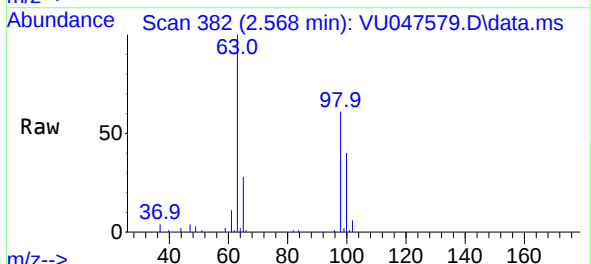
Instrument :
MSVOA_U
ClientSampleId :

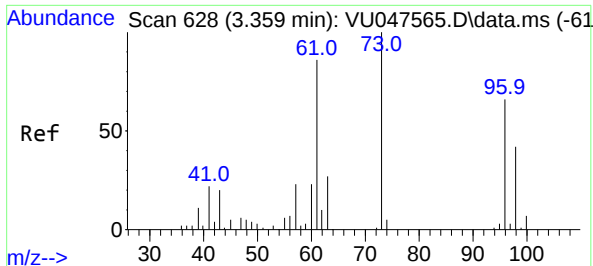
Tgt Ion: 62 Resp: 2437
Ion Ratio Lower Upper
62 100
64 46.5 23.5 43.7#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.059 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU047579.D
Acq: 15 Mar 2022 15:55

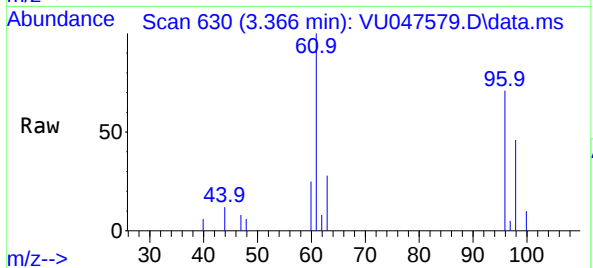
Tgt Ion: 101 Resp: 296
Ion Ratio Lower Upper
101 100
85 0.0 34.0 51.0#
151 0.0 63.8 95.6#



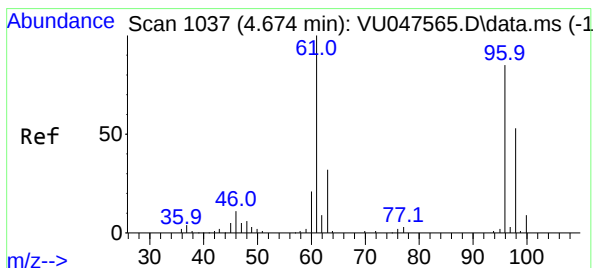
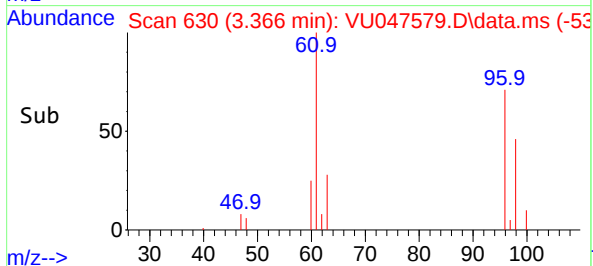
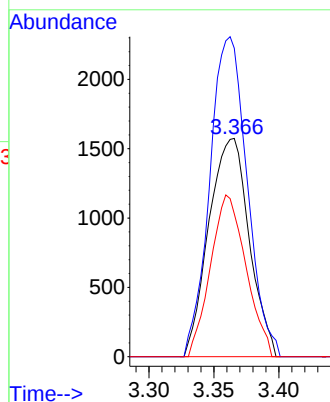


#18
trans-1,2-Dichloroethene
Concen: 0.649 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU047579.D
Acq: 15 Mar 2022 15:55

Instrument :
MSVOA_U
ClientSampleId :

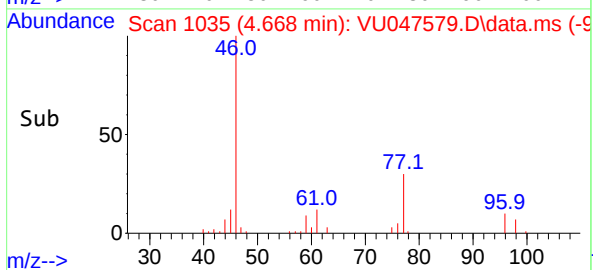
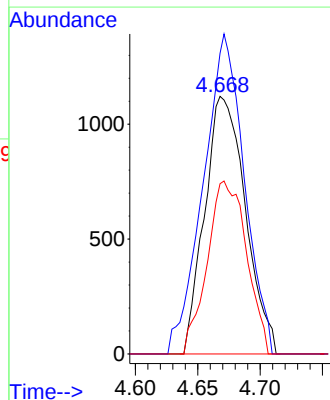
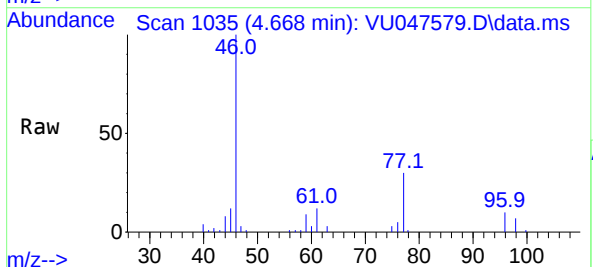


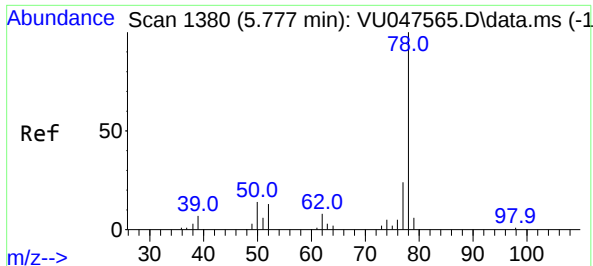
Tgt Ion: 96 Resp: 3401
Ion Ratio Lower Upper
96 100
61 141.4 91.7 170.3
98 65.5 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 0.438 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VU047579.D
Acq: 15 Mar 2022 15:55

Tgt Ion: 96 Resp: 2545
Ion Ratio Lower Upper
96 100
61 116.8 83.9 155.7
98 66.1 46.4 86.2





Benzene

Concen: 1.027 ug/L

RT: 5.777 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU047579.D

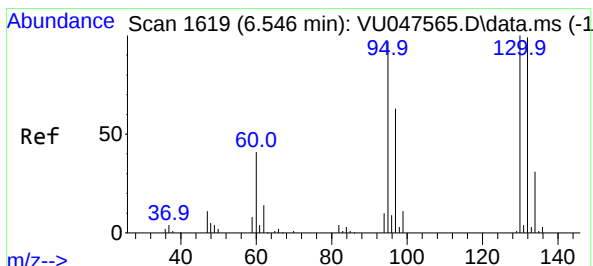
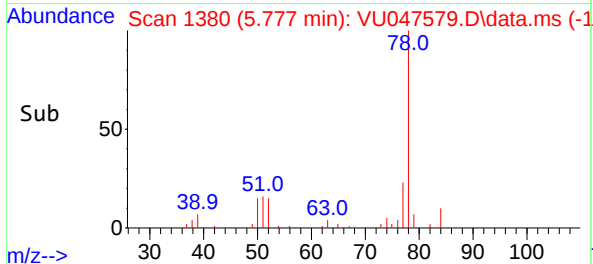
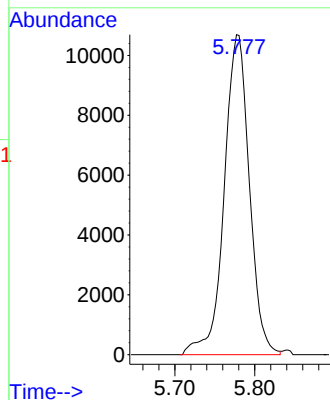
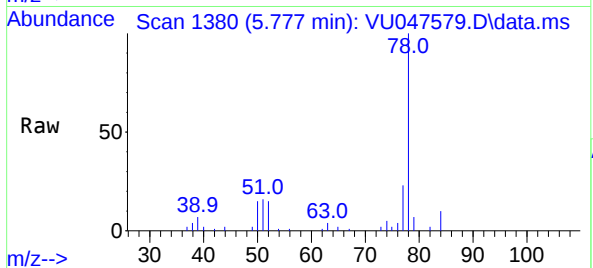
Acq: 15 Mar 2022 15:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 23367



Trichloroethene

Concen: 0.200 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.003 min

Lab File: VU047579.D

Acq: 15 Mar 2022 15:55

Tgt Ion: 95 Resp: 1207

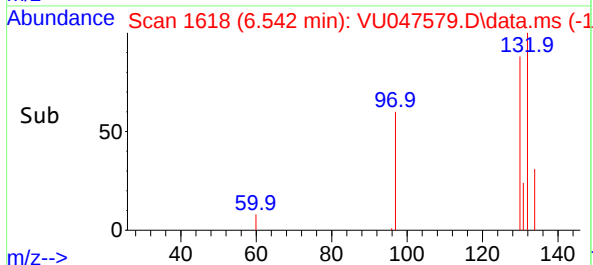
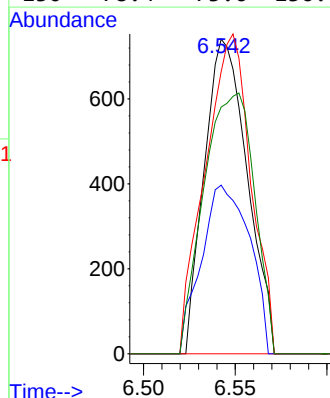
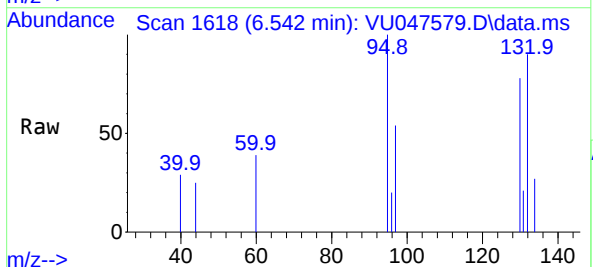
Ion Ratio Lower Upper

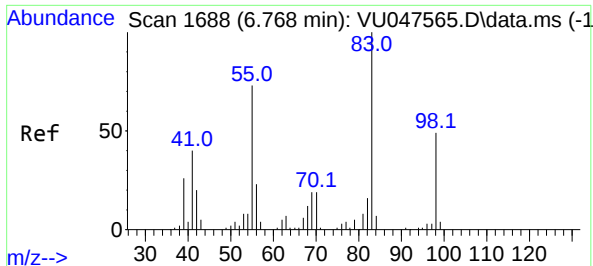
95 100

97 53.6 46.3 85.9

132 89.6 70.7 131.3

130 78.4 73.6 136.8





#35

Methylcyclohexane

Concen: 1.122 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU047579.D

Acq: 15 Mar 2022 15:55

Instrument :

MSVOA_U

ClientSampleId :

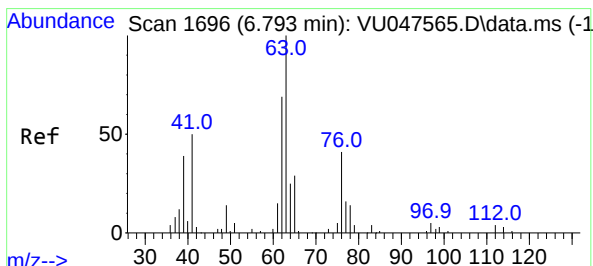
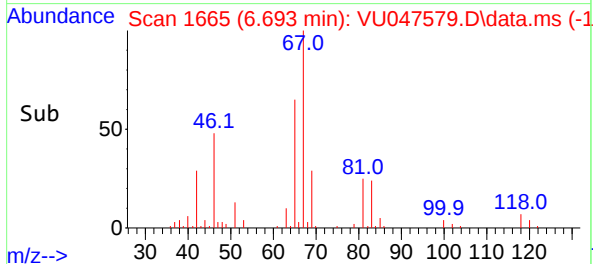
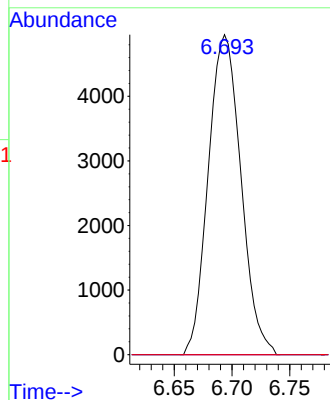
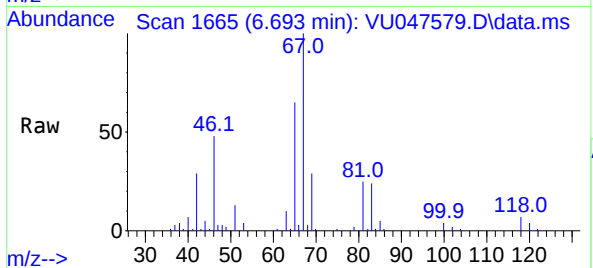
Tgt Ion: 83 Resp: 9738

Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 0.0 37.5 56.3#



#37

1,2-Dichloropropane

Concen: 0.738 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU047579.D

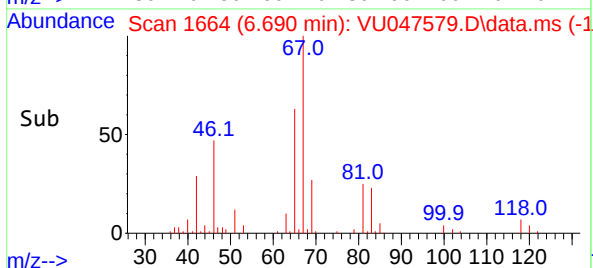
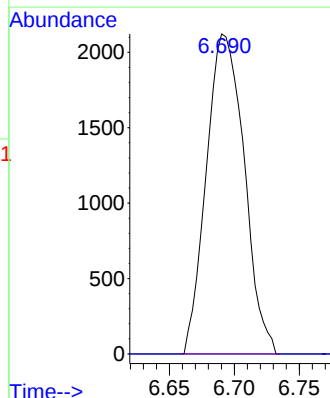
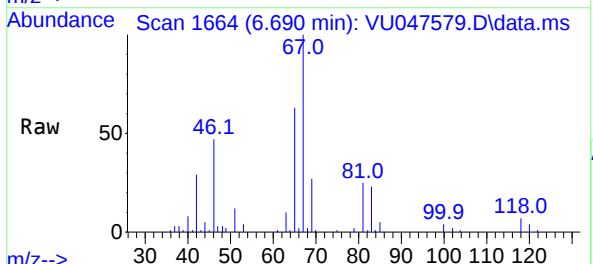
Acq: 15 Mar 2022 15:55

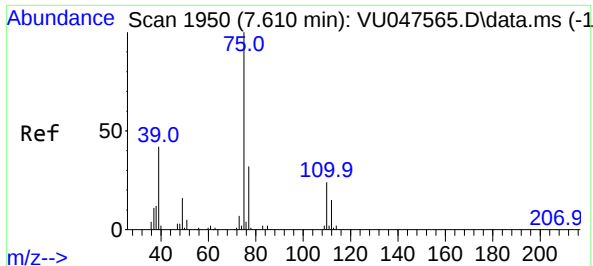
Tgt Ion: 63 Resp: 4304

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047579.D

Acq: 15 Mar 2022 15:55

Instrument :

MSVOA_U

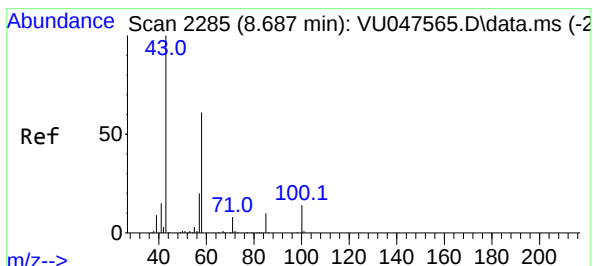
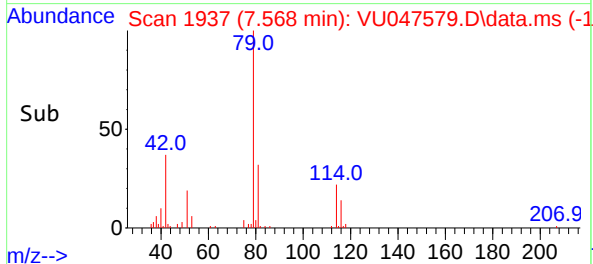
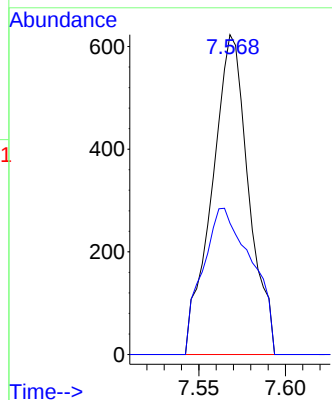
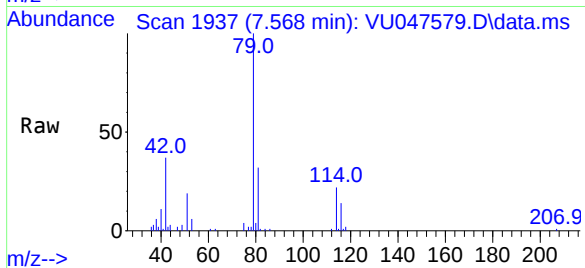
ClientSampleId :

Tgt Ion: 75 Resp: 916

Ion Ratio Lower Upper

75 100

77 41.1 22.6 42.0



#48

2-Hexanone

Concen: 4.067 ug/L

RT: 8.635 min Scan# 2269

Delta R.T. -0.052 min

Lab File: VU047579.D

Acq: 15 Mar 2022 15:55

Tgt Ion: 43 Resp: 12577

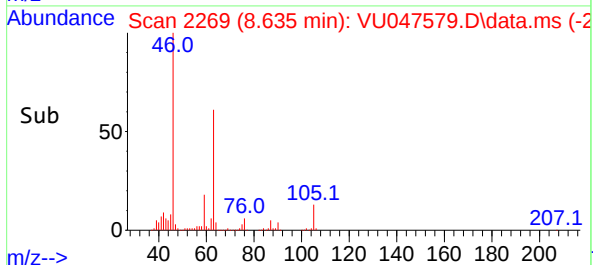
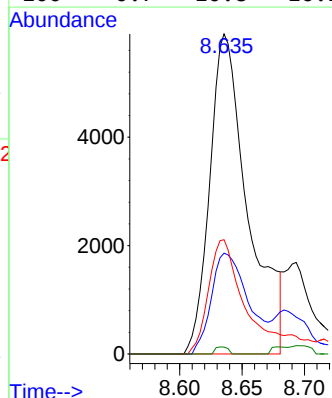
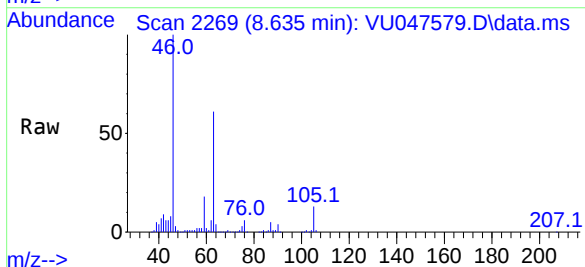
Ion Ratio Lower Upper

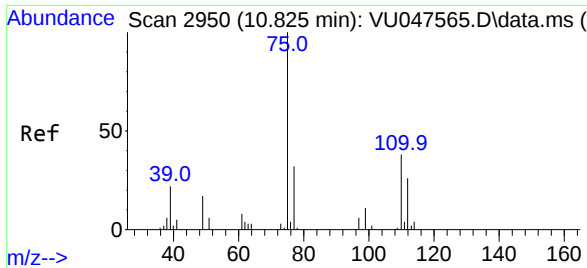
43 100

58 30.6 47.5 71.3#

57 33.6 16.0 24.0#

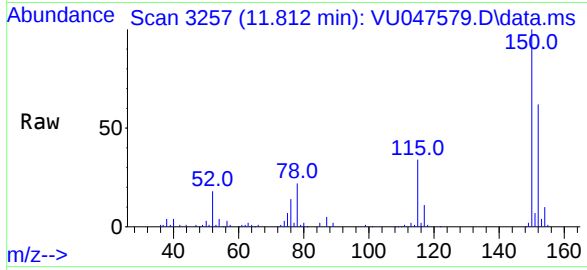
100 0.7 10.8 16.2#





#61
1,2,3-Trichloropropane
Concen: 1.285 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU047579.D
Acq: 15 Mar 2022 15:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 5200
Ion Ratio Lower Upper
75 100
110 1.7 30.2 45.4#
77 31.8 26.6 39.8

