

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046957.D
 Acq On : 01 Feb 2022 12:20
 Operator : SY/MD
 Sample : N1273-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HK7

Quant Time: Feb 02 02:03:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 02 02:02:08 2022
 Response via : Initial Calibration

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

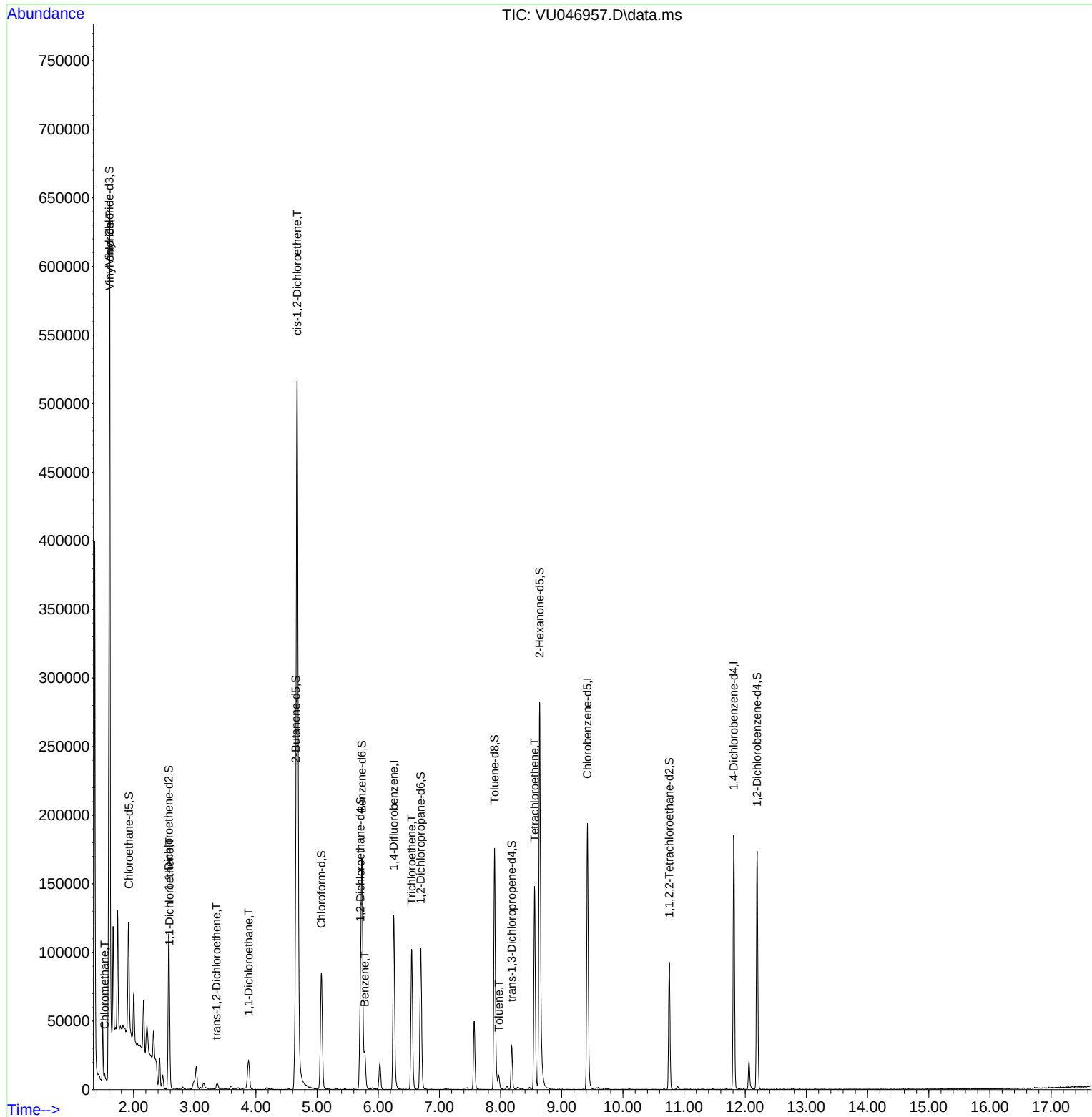
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	106782	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	116213	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48827	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	55782	6.165	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.200%
7) Chloroethane-d5	1.922	69	41449	5.814	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.200%
11) 1,1-Dichloroethene-d2	2.575	65	20439	5.679	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.600%
20) 2-Butanone-d5	4.652	46	135227	50.447	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.900%
24) Chloroform-d	5.070	84	81375	5.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.710	65	45094	5.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.732	84	160883	4.710	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.693	67	50850	4.959	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.902	98	127284	4.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.182	79	19116	4.245	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.639	63	110042	41.265	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.540%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	47605	4.624	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	44212	4.828	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						Qvalue
3) Chloromethane	1.526	50	3141	0.380	ug/L	96
5) Vinyl chloride	1.610	62	285921	33.201	ug/L	95
12) 1,1-Dichloroethene	2.587	96	5384	0.903	ug/L	# 1
18) trans-1,2-Dichloroethene	3.356	96	906	0.140	ug/L	78
19) 1,1-Dichloroethane	3.880	63	25088	2.314	ug/L	96
22) cis-1,2-Dichloroethene	4.674	96	257756	37.836	ug/L	100
33) Benzene	5.780	78	25855	0.945	ug/L	100
34) Trichloroethene	6.545	95	35210	4.956	ug/L	96
42) Toluene	7.973	91	6827	0.209	ug/L	89
47) Tetrachloroethene	8.555	164	33376	5.777	ug/L	95

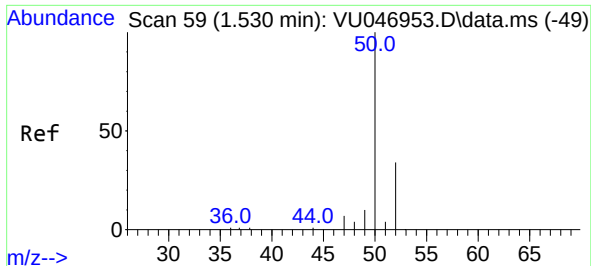
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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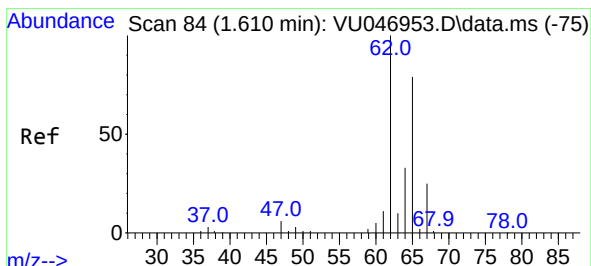
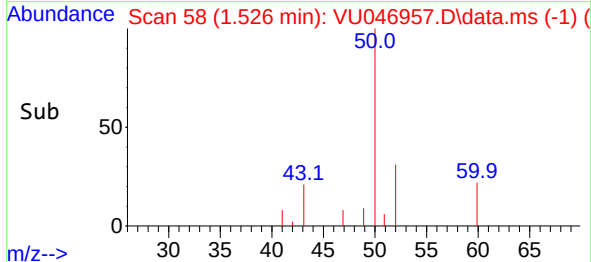
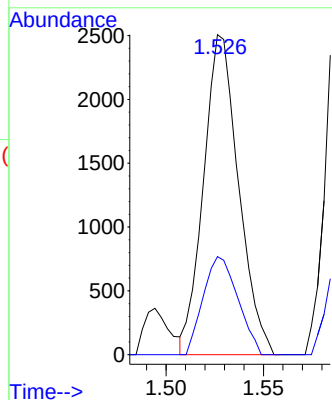
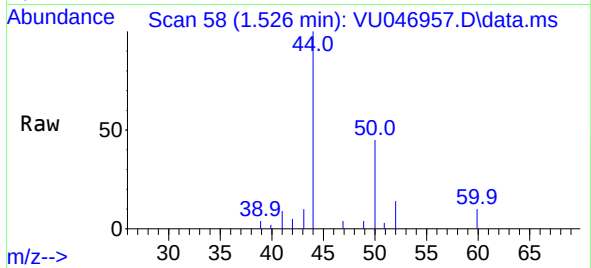




#3
Chloromethane
Concen: 0.380 ug/L
RT: 1.526 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU046957.D
Acq: 01 Feb 2022 12:20

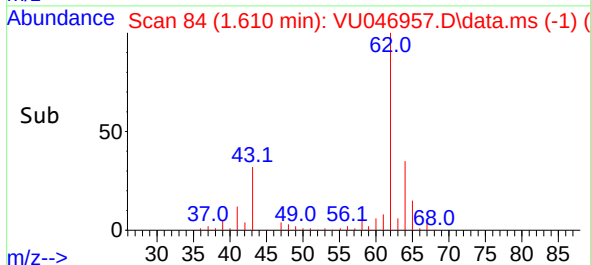
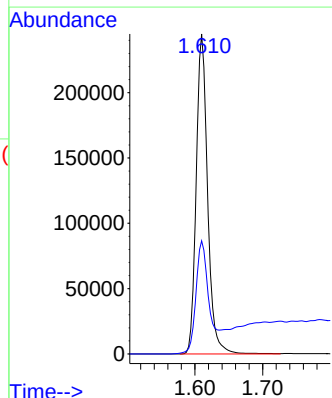
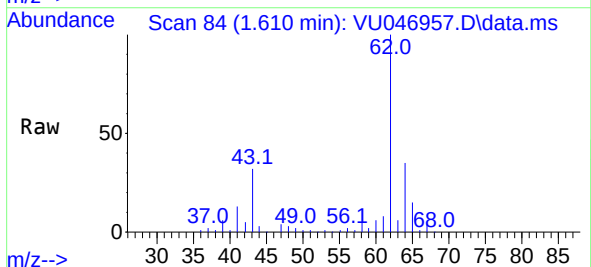
Instrument :
MSVOA_U
ClientSampleId :
C0HK7

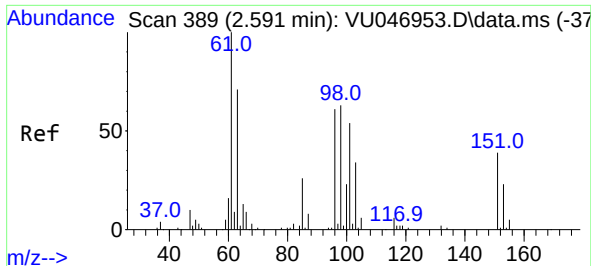
Tgt Ion: 50 Resp: 3141
Ion Ratio Lower Upper
50 100
52 30.7 23.0 42.8



#5
Vinyl chloride
Concen: 33.201 ug/L
RT: 1.610 min Scan# 84
Delta R.T. -0.000 min
Lab File: VU046957.D
Acq: 01 Feb 2022 12:20

Tgt Ion: 62 Resp: 285921
Ion Ratio Lower Upper
62 100
64 35.4 22.9 42.5





#12

1,1-Dichloroethene

Concen: 0.903 ug/L

RT: 2.587 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU046957.D

Acq: 01 Feb 2022 12:20

Instrument :

MSVOA_U

ClientSampleId :

C0HK7

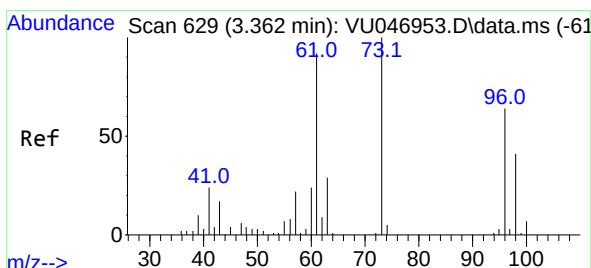
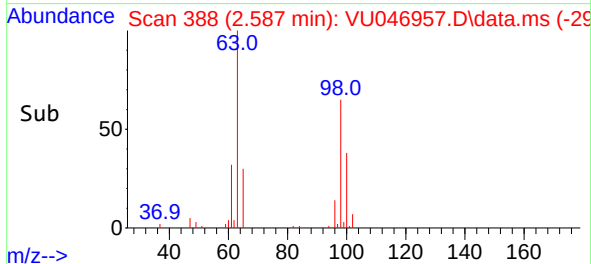
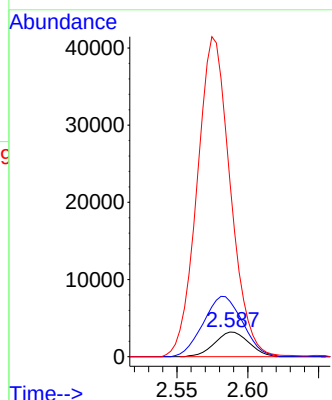
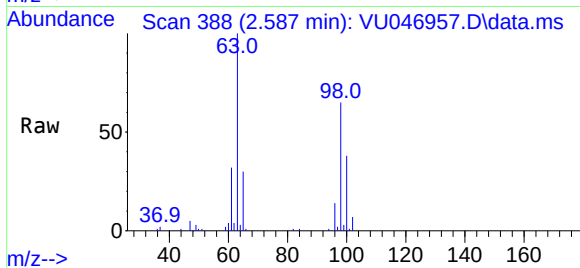
Tgt Ion: 96 Resp: 5384

Ion Ratio Lower Upper

96 100

61 224.7 124.7 231.5

63 709.1 105.2 195.4#



#18

trans-1,2-Dichloroethene

Concen: 0.140 ug/L

RT: 3.356 min Scan# 627

Delta R.T. -0.007 min

Lab File: VU046957.D

Acq: 01 Feb 2022 12:20

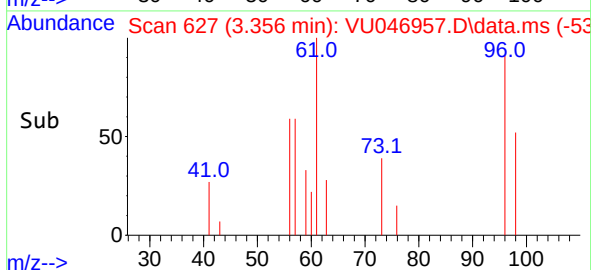
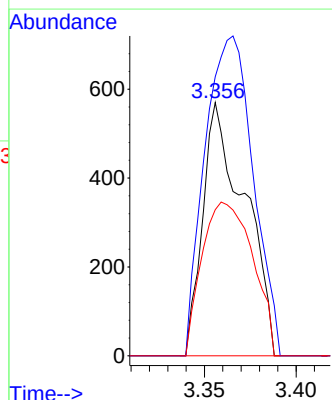
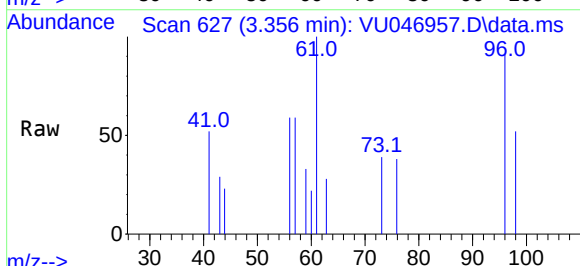
Tgt Ion: 96 Resp: 906

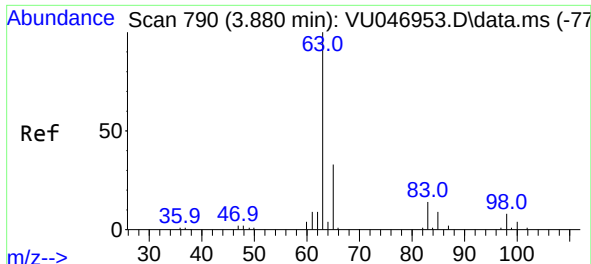
Ion Ratio Lower Upper

96 100

61 110.2 100.8 187.2

98 57.7 45.1 83.7

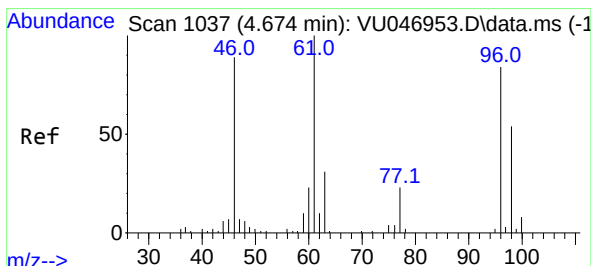
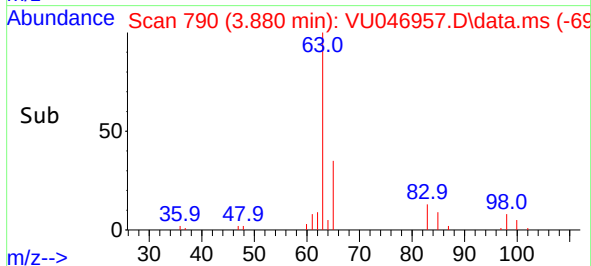
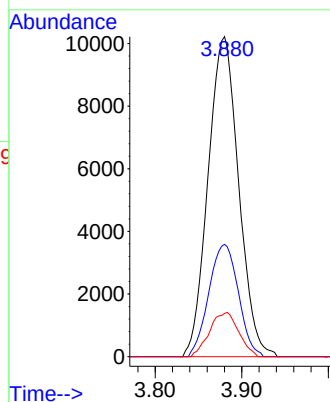
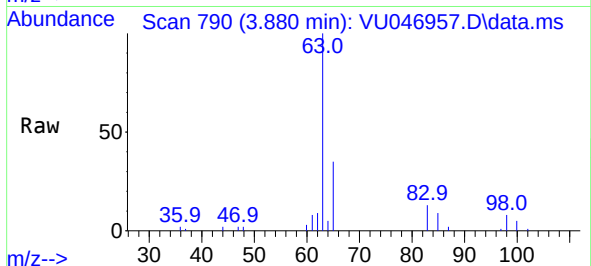




#19
1,1-Dichloroethane
Concen: 2.314 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU046957.D
Acq: 01 Feb 2022 12:20

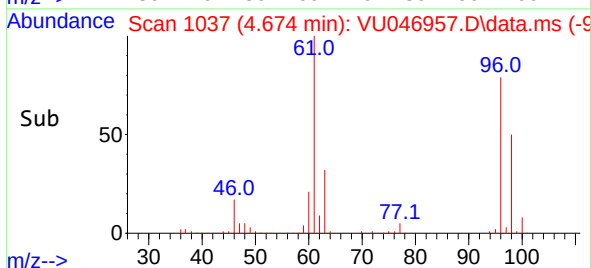
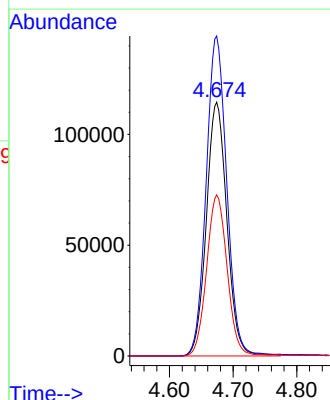
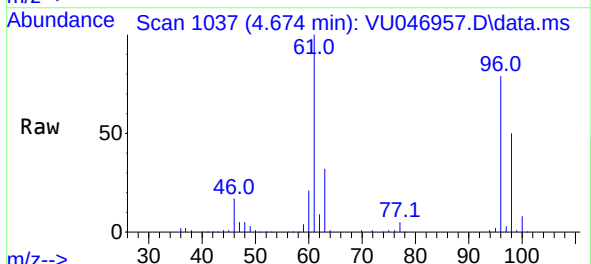
Instrument :
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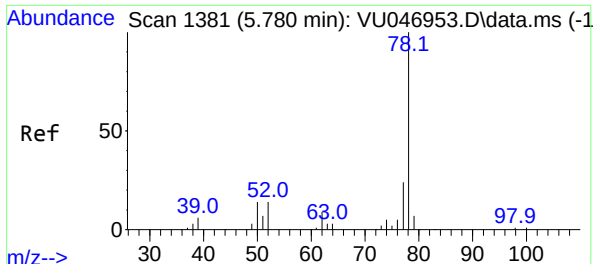
Tgt Ion:	63	Resp:	25088
Ion	Ratio	Lower	Upper
63	100		
65	35.1	22.3	41.5
83	13.5	9.6	17.8



#22
cis-1,2-Dichloroethene
Concen: 37.836 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU046957.D
Acq: 01 Feb 2022 12:20

Tgt Ion:	96	Resp:	257756
Ion	Ratio	Lower	Upper
96	100		
61	126.1	88.5	164.3
98	63.5	44.4	82.5





Benzene

Concen: 0.945 ug/L

RT: 5.780 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VU046957.D

Acq: 01 Feb 2022 12:20

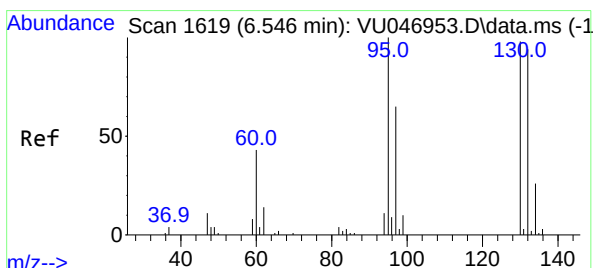
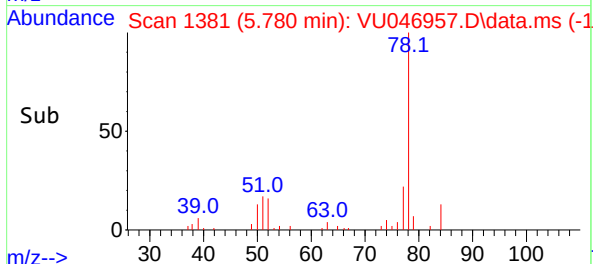
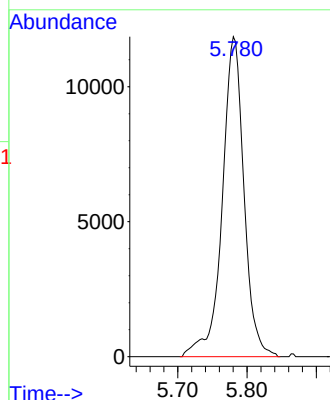
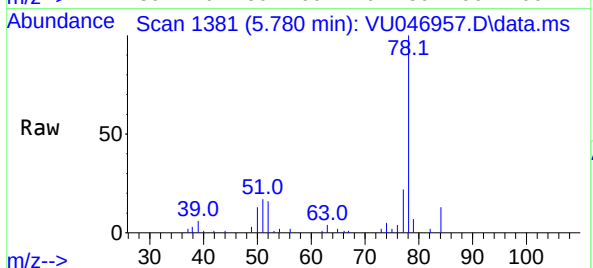
Instrument :

MSVOA_U

ClientSampleId :

C0HK7

Tgt Ion: 78 Resp: 25855



Trichloroethene

Concen: 4.956 ug/L

RT: 6.545 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU046957.D

Acq: 01 Feb 2022 12:20

Tgt Ion: 95 Resp: 35210

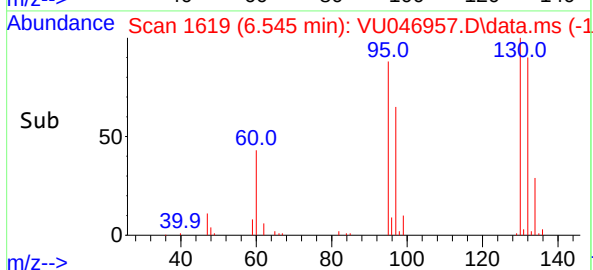
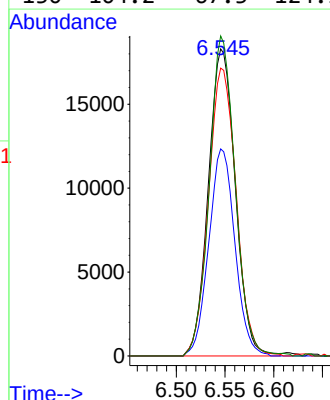
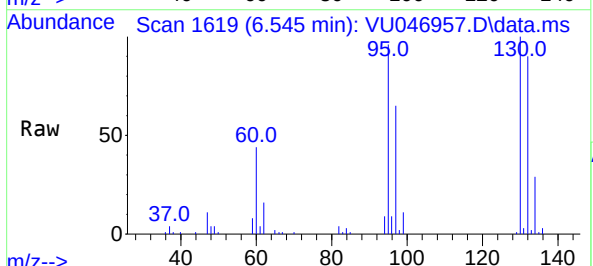
Ion Ratio Lower Upper

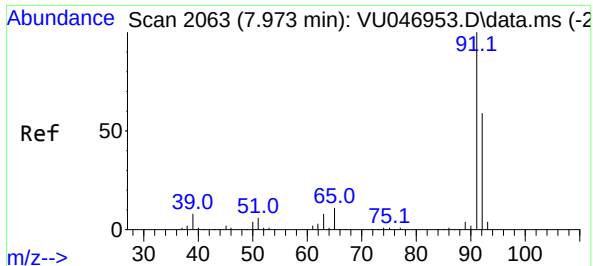
95 100

97 67.4 46.5 86.5

132 93.7 65.1 120.9

130 104.2 67.3 124.9

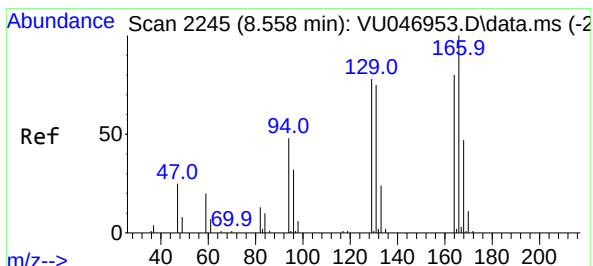
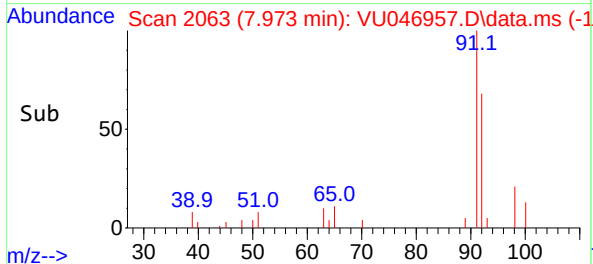
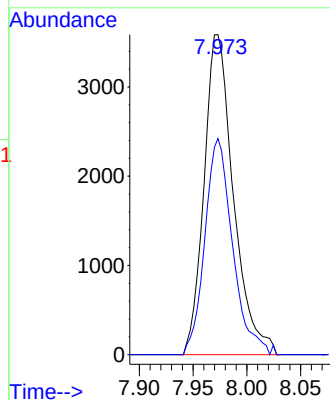
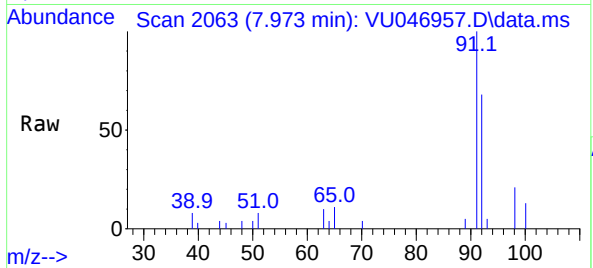




#42
Toluene
Concen: 0.209 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU046957.D
Acq: 01 Feb 2022 12:20

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MSVOA_U
ClientSampleId :
C0HK7

Tgt Ion: 91 Resp: 6827
Ion Ratio Lower Upper
91 100
92 67.5 41.3 76.7



#47
Tetrachloroethene
Concen: 5.777 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU046957.D
Acq: 01 Feb 2022 12:20

Tgt Ion:164 Resp: 33376
Ion Ratio Lower Upper
164 100
129 97.3 71.8 133.4
131 100.7 68.5 127.3
166 126.0 94.1 174.8

