

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050144.D
 Acq On : 08 Aug 2022 18:54
 Operator : SY/MD
 Sample : N4070-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJK0

Quant Time: Aug 09 01:59:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 00:39:33 2022
 Response via : Initial Calibration

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

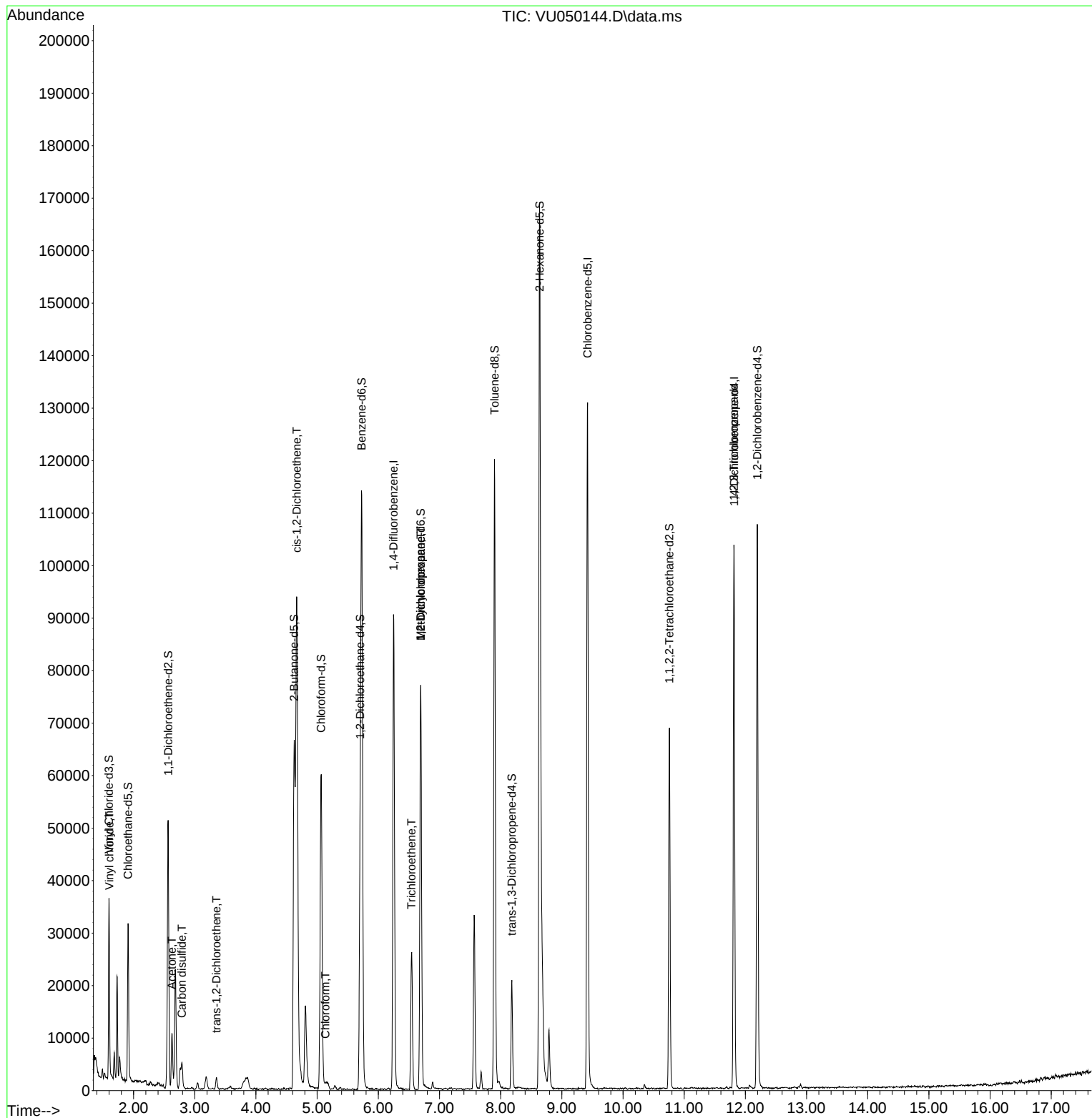
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	74735	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	75894	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	29023	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	23145	3.721	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.909	69	22393	4.463	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.565	65	9342	3.843	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	4.623	46	92669	61.100	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.200%
24) Chloroform-d	5.064	84	58323	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.703	65	31858	5.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.729	84	108546	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.694	67	39570	5.074	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.899	98	83887	4.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.182	79	12715	4.550	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.636	63	55051	55.546	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.100%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36415	5.317	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	29318	5.156	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
5) Vinyl chloride	1.604	62	1880	0.234	ug/L #	78
13) Acetone	2.626	43	11767	13.931	ug/L	94
14) Carbon disulfide	2.790	76	5762	0.312	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	936	0.162	ug/L	86
22) cis-1,2-Dichloroethene	4.668	96	46337	7.218	ug/L	99
25) Chloroform	5.134	83	25	0.002	ug/L #	17
34) Trichloroethene	6.543	95	9441	1.468	ug/L	95
35) Methylcyclohexane	6.694	83	8429	1.015	ug/L #	24
37) 1,2-Dichloropropane	6.694	63	4009	0.566	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	3555	0.899	ug/L #	68

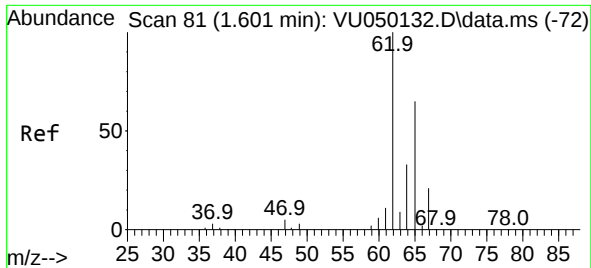
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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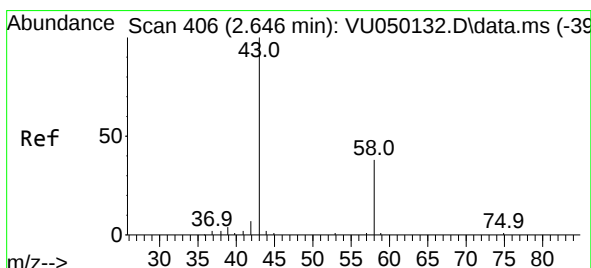
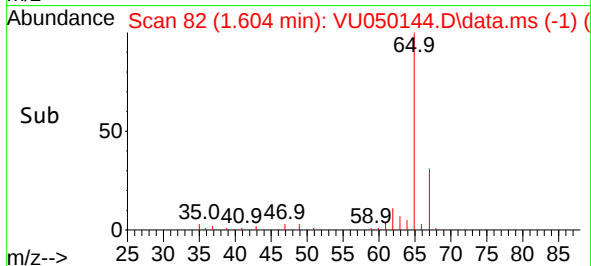
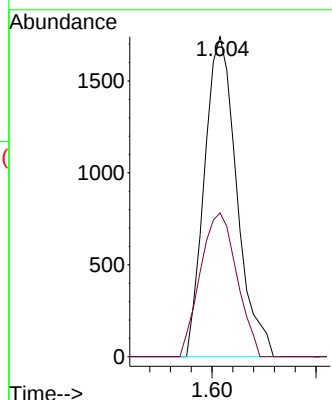
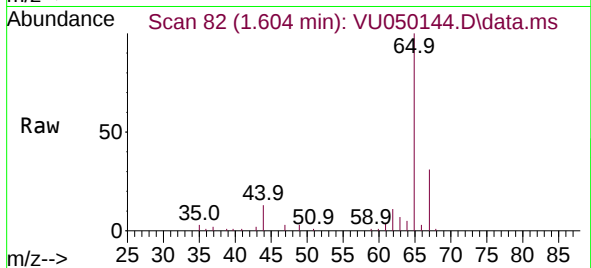




#5
 Vinyl chloride
 Concen: 0.234 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU050144.D
 Acq: 08 Aug 2022 18:54

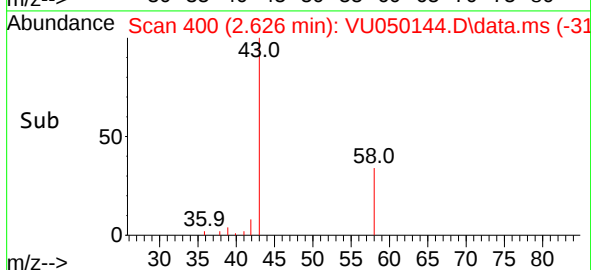
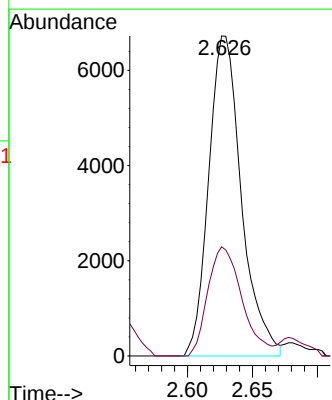
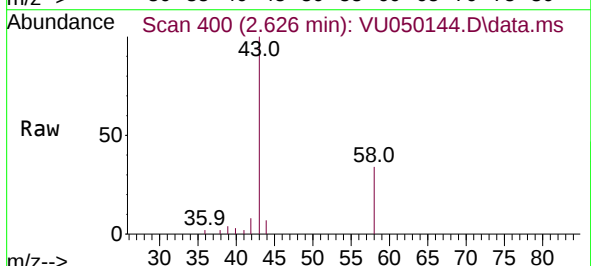
Instrument :
 MSVOA_U
 ClientSampleId :
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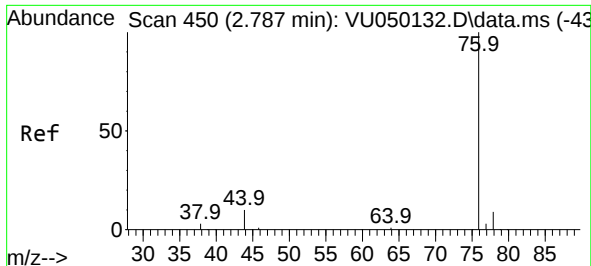
Tgt Ion: 62 Resp: 1880
 Ion Ratio Lower Upper
 62 100
 64 45.0 22.8 42.4#



#13
 Acetone
 Concen: 13.931 ug/L
 RT: 2.626 min Scan# 400
 Delta R.T. -0.019 min
 Lab File: VU050144.D
 Acq: 08 Aug 2022 18:54

Tgt Ion: 43 Resp: 11767
 Ion Ratio Lower Upper
 43 100
 58 35.6 0.0 64.0

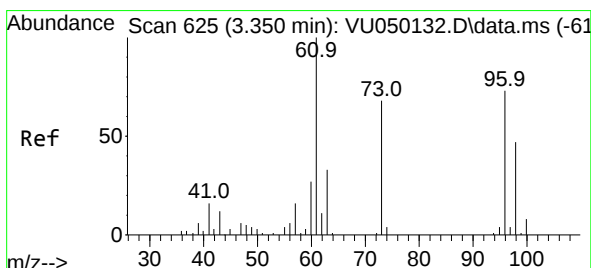
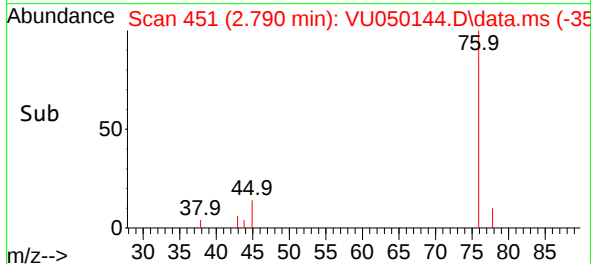
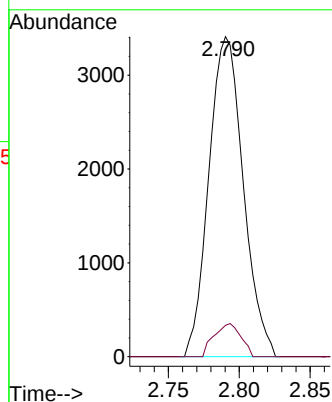
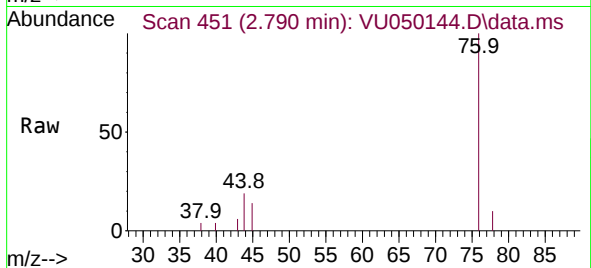




#14
Carbon disulfide
Concen: 0.312 ug/L
RT: 2.790 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU050144.D
Acq: 08 Aug 2022 18:54

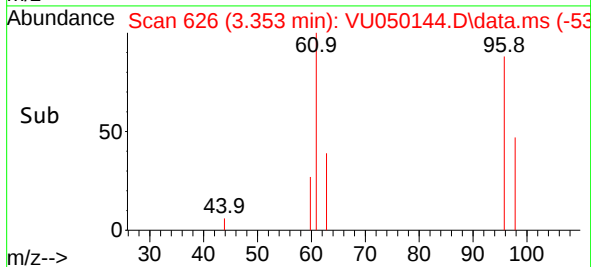
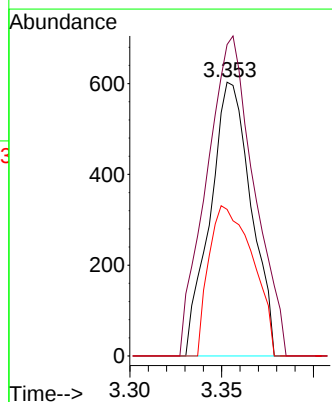
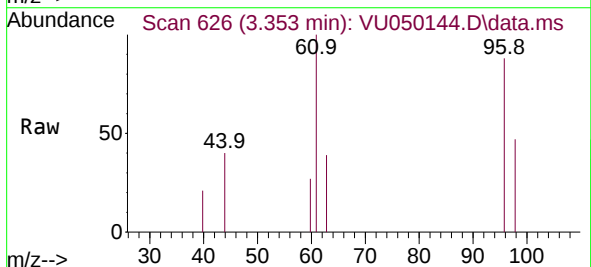
Instrument :
MSVOA_U
ClientSampleId :
GBJK0

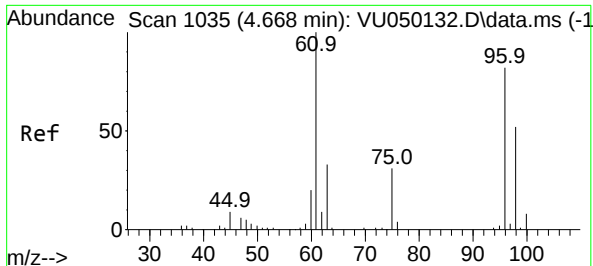
Tgt Ion: 76 Resp: 5762
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
trans-1,2-Dichloroethene
Concen: 0.162 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU050144.D
Acq: 08 Aug 2022 18:54

Tgt Ion: 96 Resp: 936
Ion Ratio Lower Upper
96 100
61 113.8 92.3 171.5
98 53.6 43.2 80.2

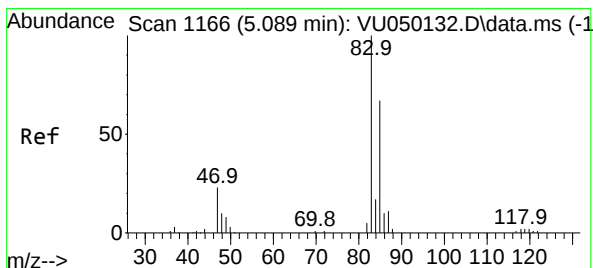
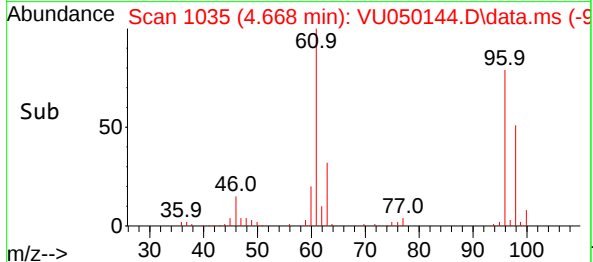
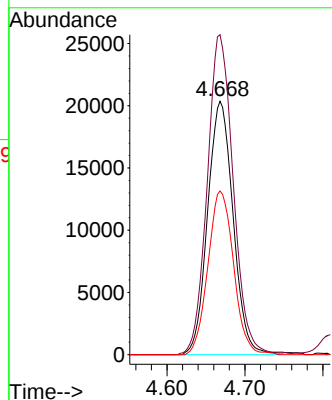
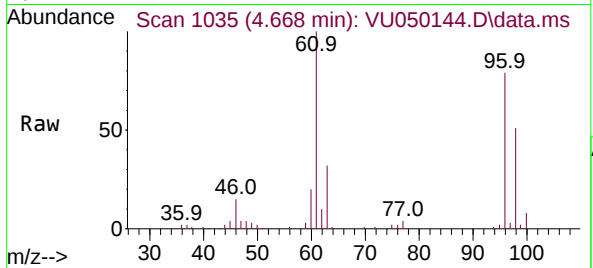




#22
 cis-1,2-Dichloroethene
 Concen: 7.218 ug/L
 RT: 4.668 min Scan# 1180
 Delta R.T. 0.000 min
 Lab File: VU050144.D
 Acq: 08 Aug 2022 18:54

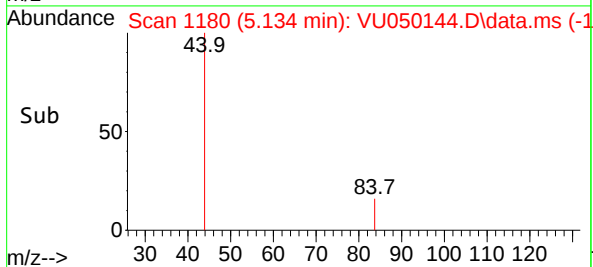
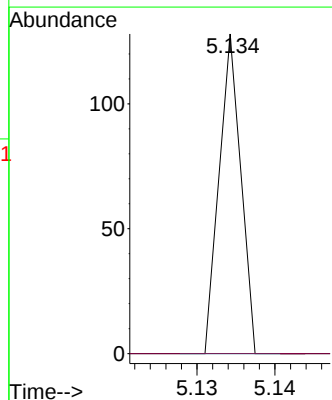
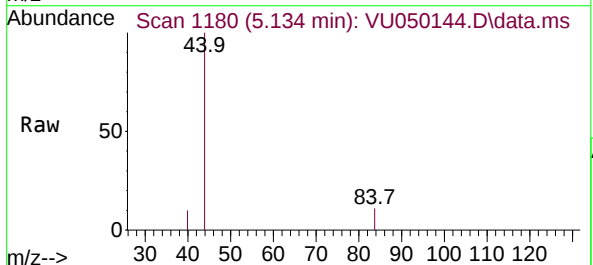
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJK0

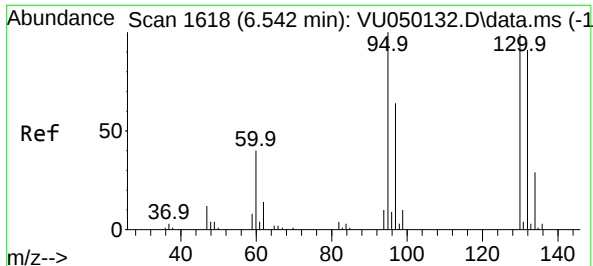
Tgt Ion: 96 Resp: 46337
 Ion Ratio Lower Upper
 96 100
 61 126.3 89.0 165.4
 98 64.6 45.2 84.0



#25
 Chloroform
 Concen: 0.002 ug/L
 RT: 5.134 min Scan# 1180
 Delta R.T. 0.045 min
 Lab File: VU050144.D
 Acq: 08 Aug 2022 18:54

Tgt Ion: 83 Resp: 25
 Ion Ratio Lower Upper
 83 100
 85 0.0 46.1 85.5#



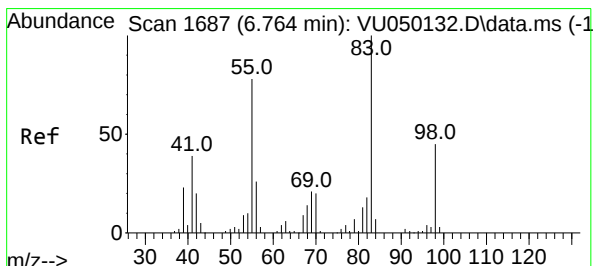
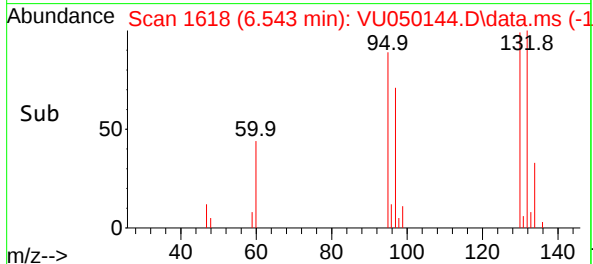
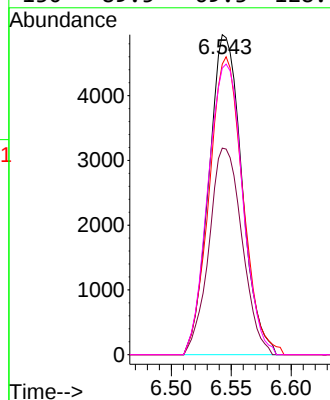
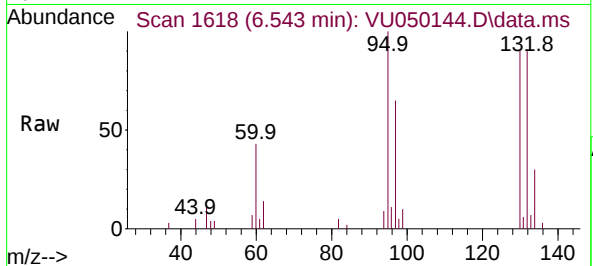


#34
Trichloroethene
Concen: 1.468 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050144.D
Acq: 08 Aug 2022 18:54

Instrument :
MSVOA_U
ClientSampleId :
GBJK0

Tgt Ion: 95 Resp: 9441

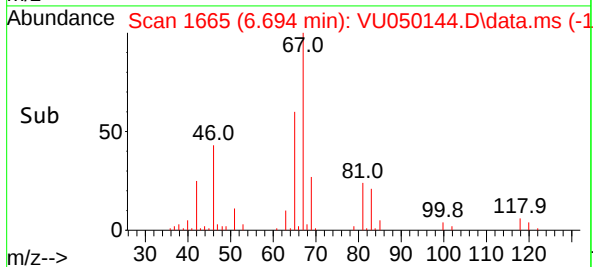
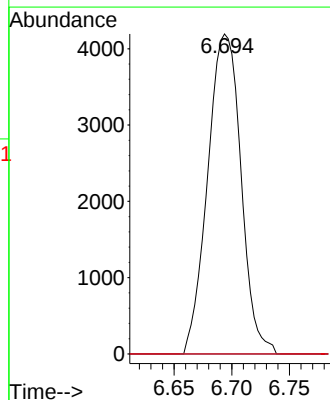
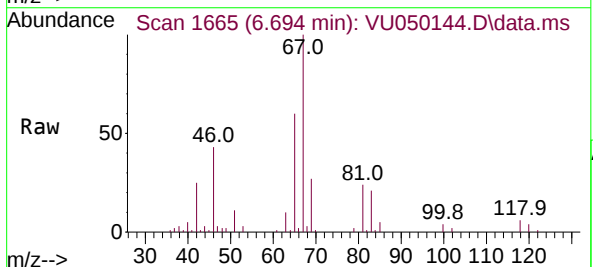
Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.6	84.8
132	90.8	65.0	120.6
130	89.5	69.3	128.7

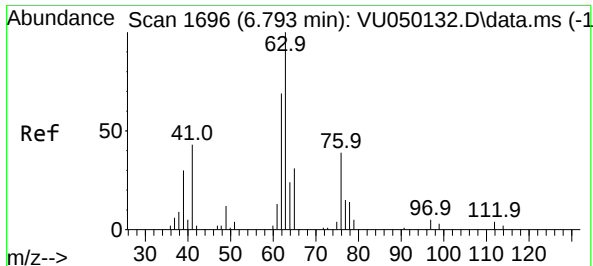


#35
Methylcyclohexane
Concen: 1.015 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050144.D
Acq: 08 Aug 2022 18:54

Tgt Ion: 83 Resp: 8429

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	11.1	36.2	54.2#





#37

1,2-Dichloropropane

Concen: 0.566 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU050144.D

Acq: 08 Aug 2022 18:54

Instrument :

MSVOA_U

ClientSampleId :

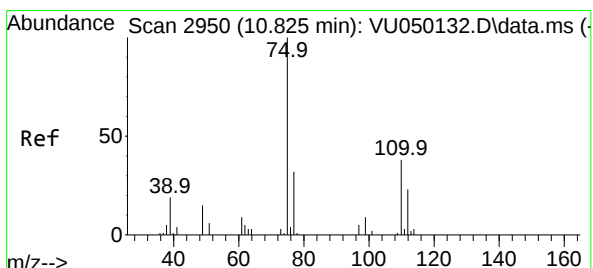
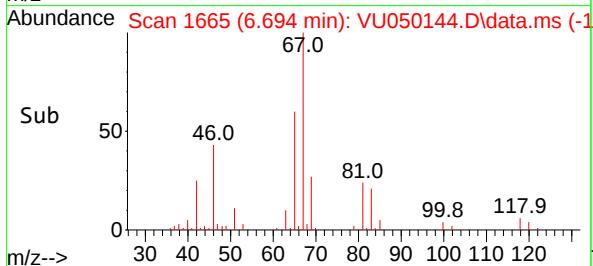
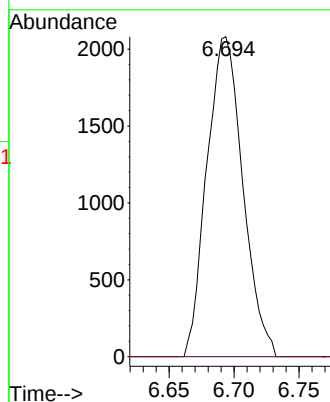
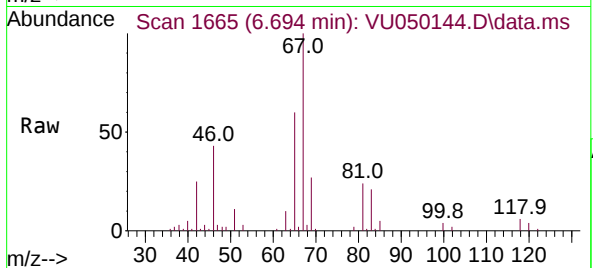
GBJK0

Tgt Ion: 63 Resp: 4009

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#61

1,2,3-Trichloropropane

Concen: 0.899 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU050144.D

Acq: 08 Aug 2022 18:54

Tgt Ion: 75 Resp: 3555

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 31.7 25.8 38.6

