

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051634.D
 Acq On : 01 Nov 2022 01:09
 Operator : JC/MD
 Sample : N5321-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWN8

Quant Time: Nov 01 05:59:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 02:34:58 2022
 Response via : Initial Calibration

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

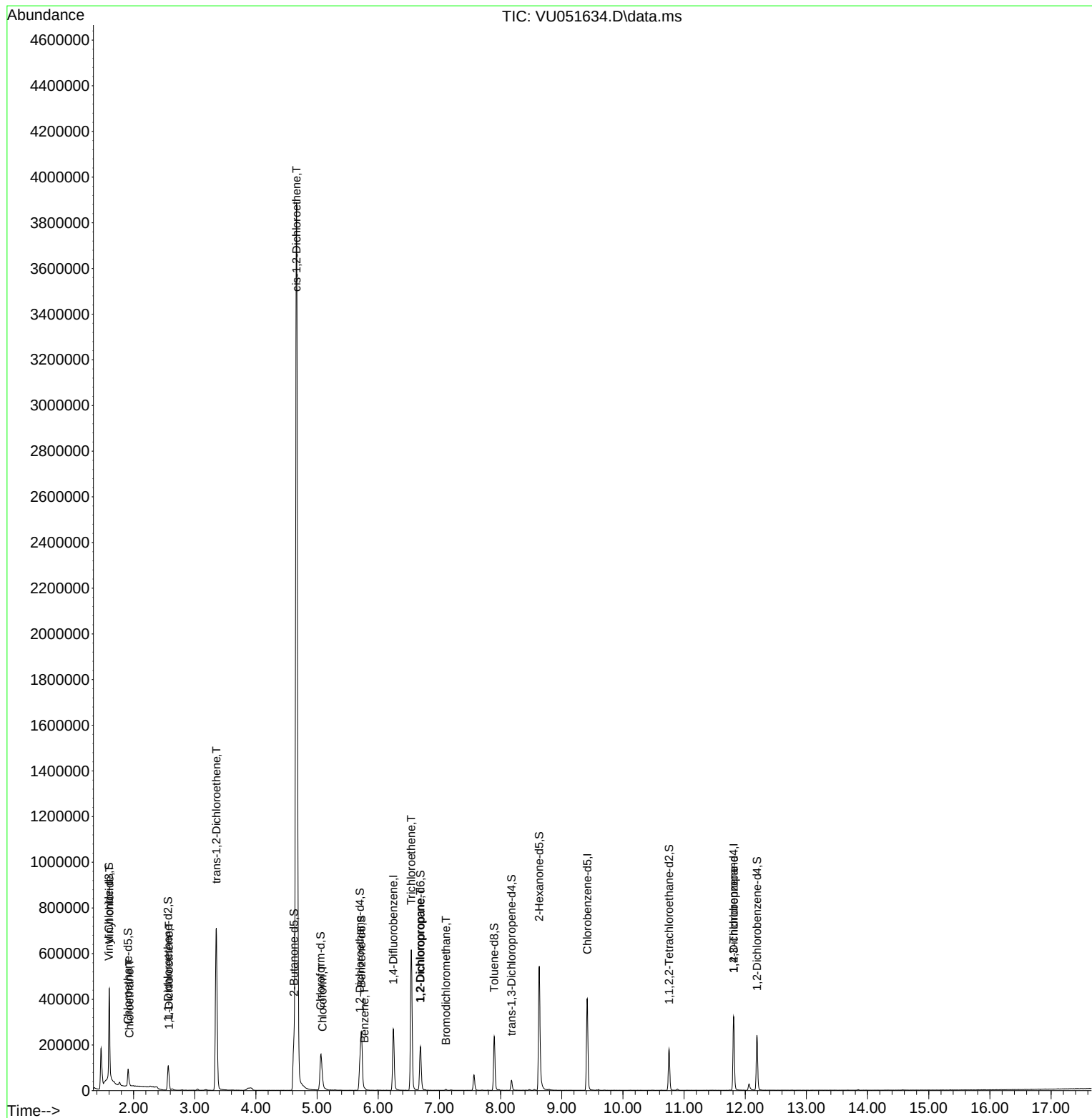
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	224669	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	233111	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93156	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49255	2.911	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.200%
7) Chloroethane-d5	1.909	69	57529	3.260	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.200%
11) 1,1-Dichloroethene-d2	2.565	65	17478	2.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.000%#
20) 2-Butanone-d5	4.620	46	269684	44.008	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.020%
24) Chloroform-d	5.060	84	143869	3.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.600%
26) 1,2-Dichloroethane-d4	5.700	65	82926	3.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
32) Benzene-d6	5.726	84	246941	3.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.200%#
36) 1,2-Dichloropropane-d6	6.690	67	95957	3.730	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.600%
41) Toluene-d8	7.896	98	162785	2.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.200%#
43) trans-1,3-Dichloroprop...	8.179	79	25818	3.283	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.600%
46) 2-Hexanone-d5	8.632	63	183482	38.752	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.500%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	93650	3.973	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	65595	3.836	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.800%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	227920	7.682	ug/L #	64
8) Chloroethane	1.932	64	5956	0.331	ug/L #	64
12) 1,1-Dichloroethene	2.578	96	10279	0.526	ug/L #	4
18) trans-1,2-Dichloroethene	3.353	96	310287	14.803	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	2108259	90.897	ug/L	98
25) Chloroform	5.089	83	28233	0.704	ug/L	96
33) Benzene	5.774	78	7045	0.077	ug/L	100
34) Trichloroethene	6.539	95	219237	9.875	ug/L	99
37) 1,2-Dichloropropane	6.687	63	9734	0.411	ug/L #	88
38) Bromodichloromethane	7.105	83	3364	0.116	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	10695	0.888	ug/L #	69

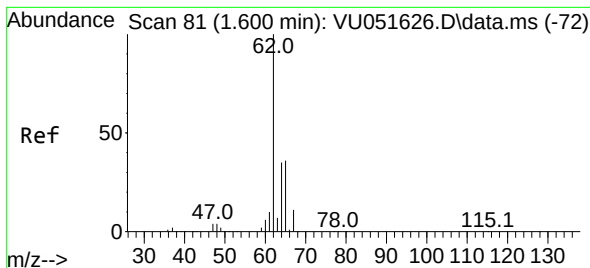
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 7.682 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.003 min

Lab File: VU051634.D

Acq: 01 Nov 2022 01:09

Instrument :

MSVOA_U

ClientSampleId :

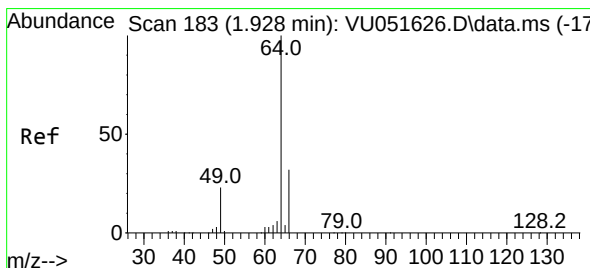
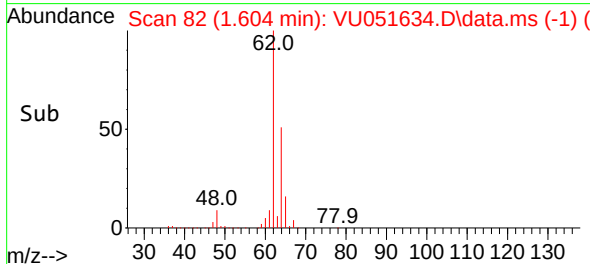
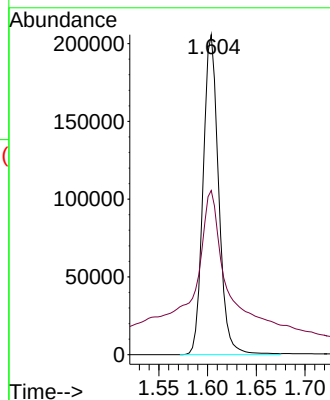
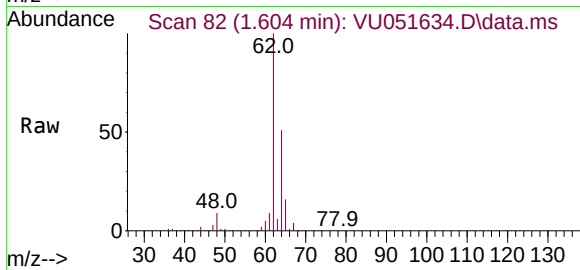
DBWN8

Tgt Ion: 62 Resp: 227920

Ion Ratio Lower Upper

62 100

64 51.3 22.1 41.1#



#8

Chloroethane

Concen: 0.331 ug/L

RT: 1.932 min Scan# 184

Delta R.T. 0.003 min

Lab File: VU051634.D

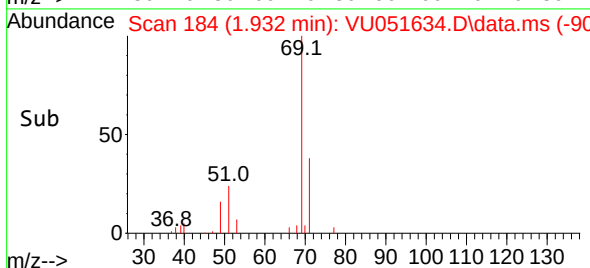
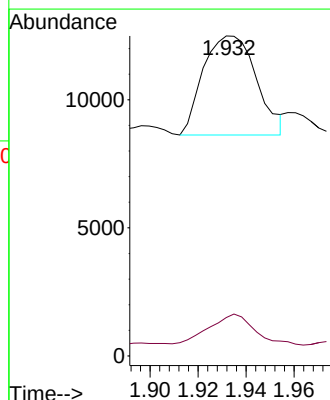
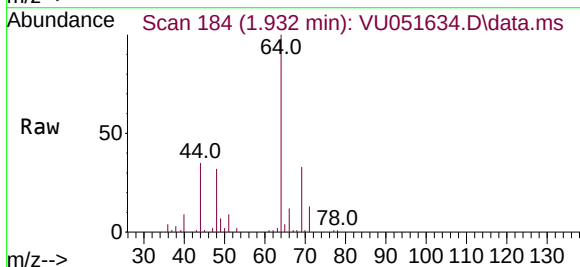
Acq: 01 Nov 2022 01:09

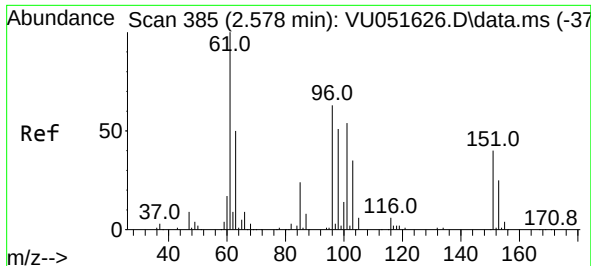
Tgt Ion: 64 Resp: 5956

Ion Ratio Lower Upper

64 100

66 12.0 22.3 41.5#





#12

1,1-Dichloroethene

Concen: 0.526 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU051634.D

Acq: 01 Nov 2022 01:09

Instrument :

MSVOA_U

ClientSampleId :

DBWN8

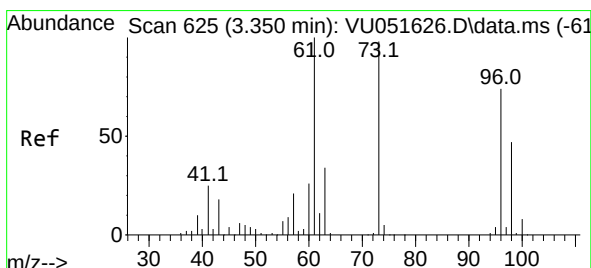
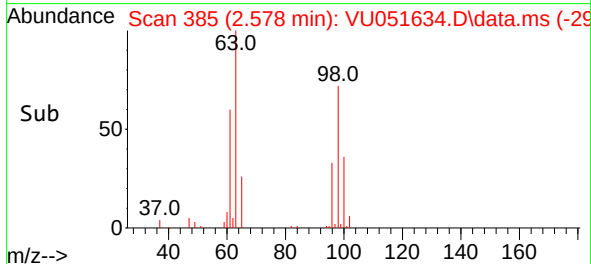
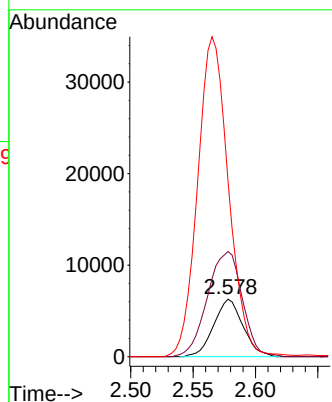
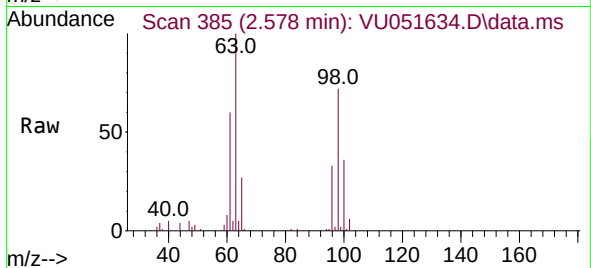
Tgt Ion: 96 Resp: 10279

Ion Ratio Lower Upper

96 100

61 183.1 108.8 202.0

63 305.3 64.9 120.5#



#18

trans-1,2-Dichloroethene

Concen: 14.803 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.003 min

Lab File: VU051634.D

Acq: 01 Nov 2022 01:09

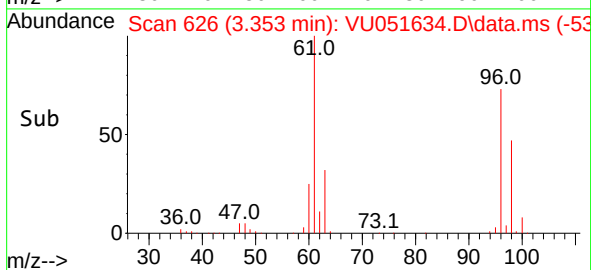
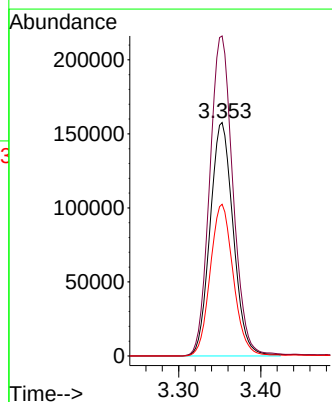
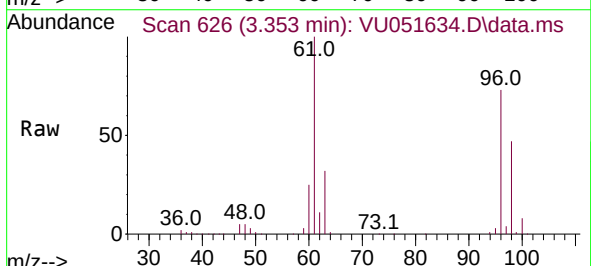
Tgt Ion: 96 Resp: 310287

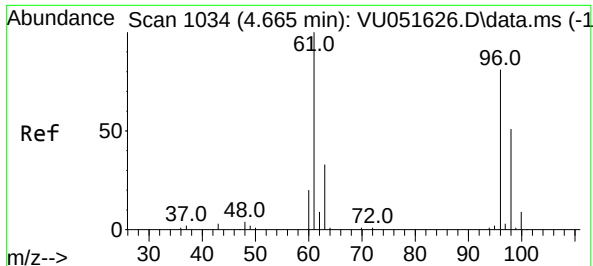
Ion Ratio Lower Upper

96 100

61 137.1 94.7 175.9

98 65.0 44.2 82.0



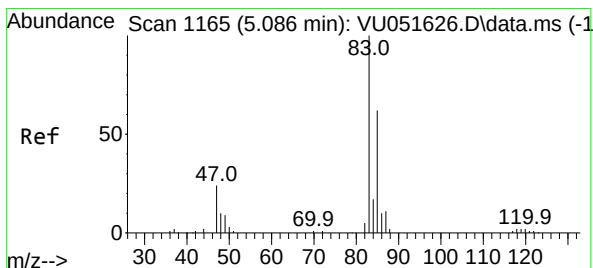
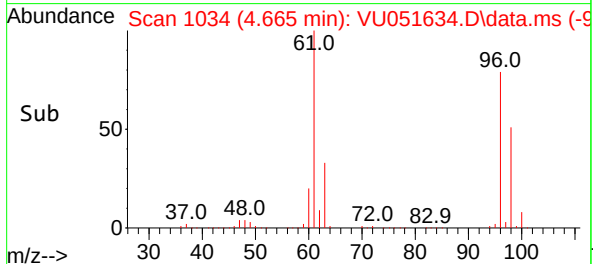
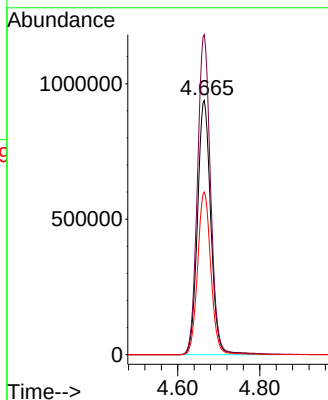
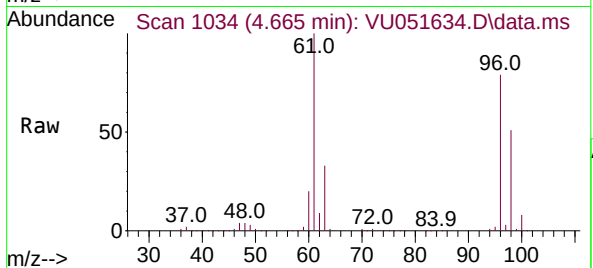


#22
 cis-1,2-Dichloroethene
 Concen: 90.897 ug/L
 RT: 4.665 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: VU051634.D
 Acq: 01 Nov 2022 01:09

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWN8

Tgt Ion: 96 Resp: 2108259

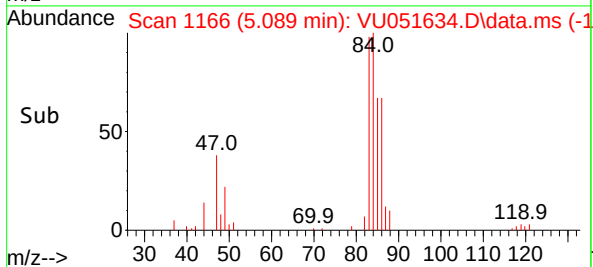
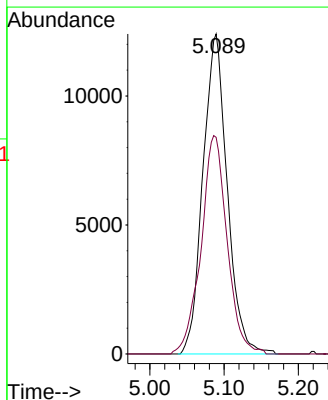
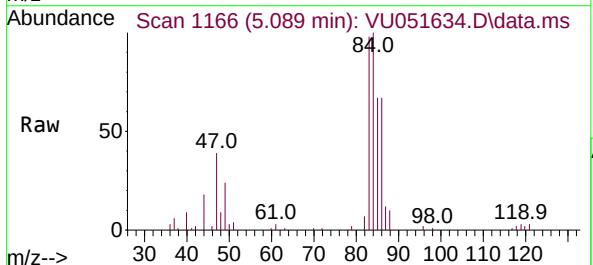
Ion	Ratio	Lower	Upper
96	100		
61	125.9	86.4	160.4
98	64.0	44.2	82.2

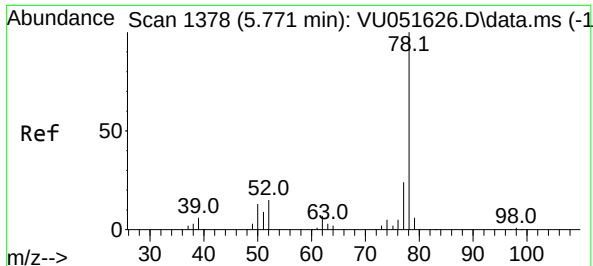


#25
 Chloroform
 Concen: 0.704 ug/L
 RT: 5.089 min Scan# 1166
 Delta R.T. 0.003 min
 Lab File: VU051634.D
 Acq: 01 Nov 2022 01:09

Tgt Ion: 83 Resp: 28233

Ion	Ratio	Lower	Upper
83	100		
85	67.7	45.2	84.0

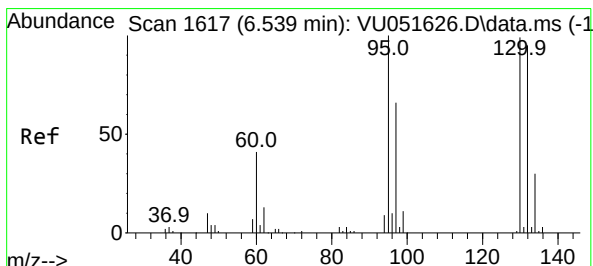
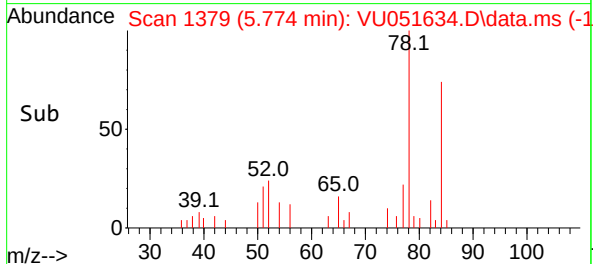
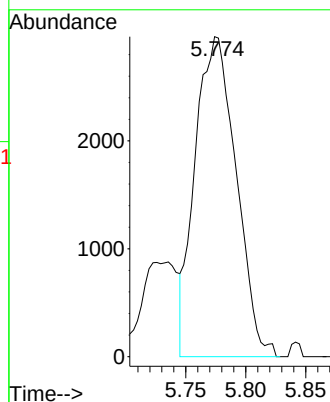
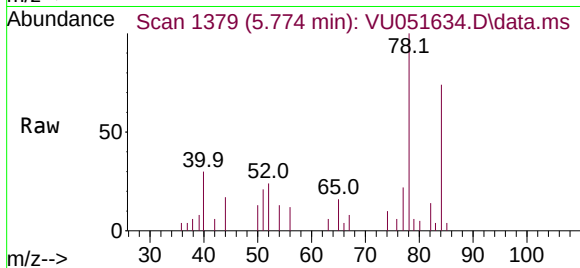




#33
Benzene
Concen: 0.077 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051634.D
Acq: 01 Nov 2022 01:09

Instrument :
MSVOA_U
ClientSampleId :
DBWN8

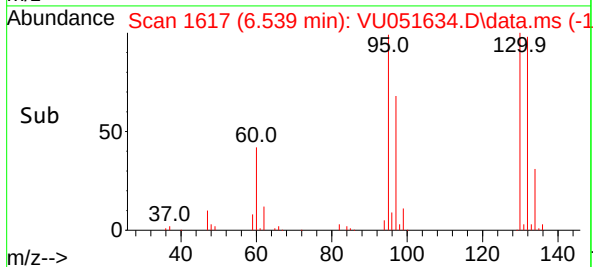
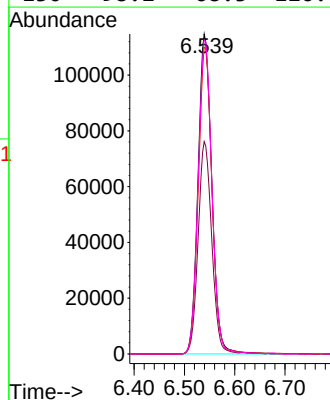
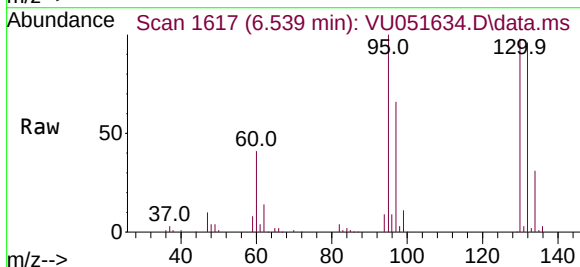
Tgt Ion: 78 Resp: 7045

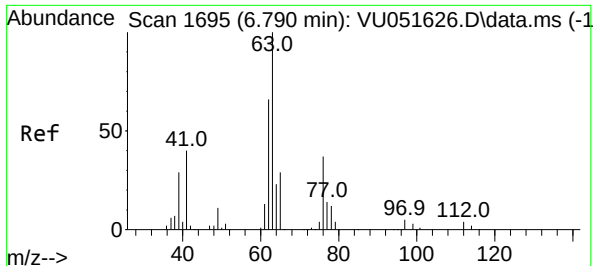


#34
Trichloroethene
Concen: 9.875 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051634.D
Acq: 01 Nov 2022 01:09

Tgt Ion: 95 Resp: 219237

Ion	Ratio	Lower	Upper
95	100		
97	66.3	45.2	84.0
132	95.9	66.5	123.5
130	98.2	68.3	126.8

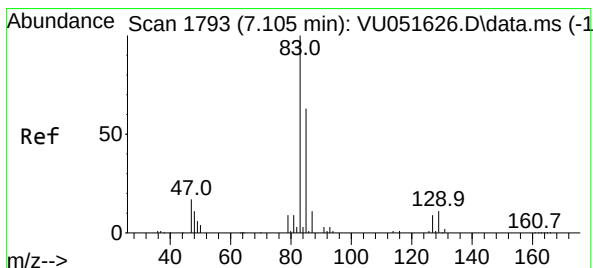
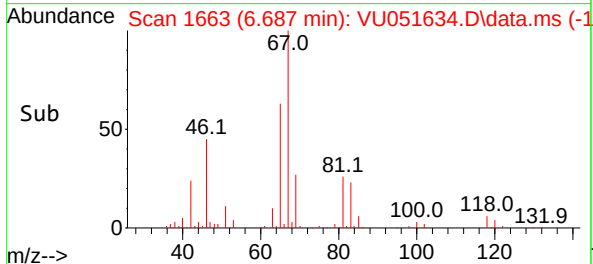
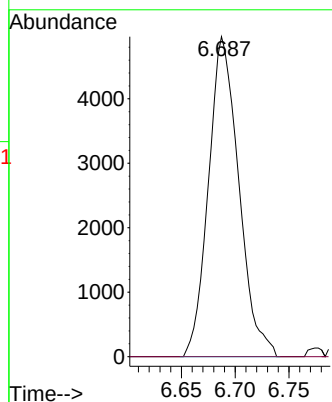
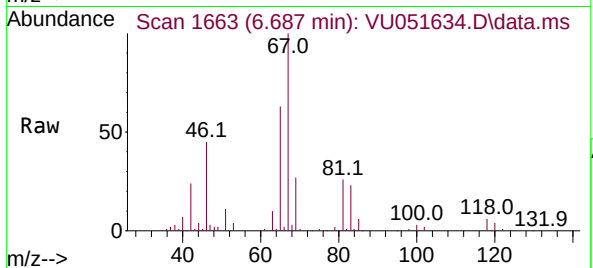




#37
1,2-Dichloropropane
Concen: 0.411 ug/L
RT: 6.687 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU051634.D
Acq: 01 Nov 2022 01:09

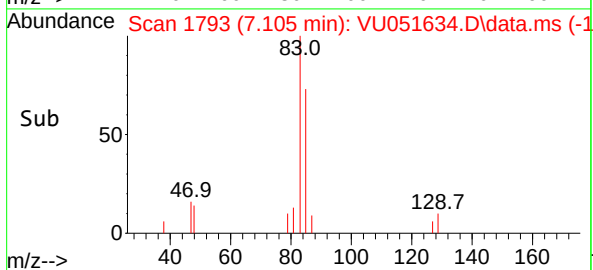
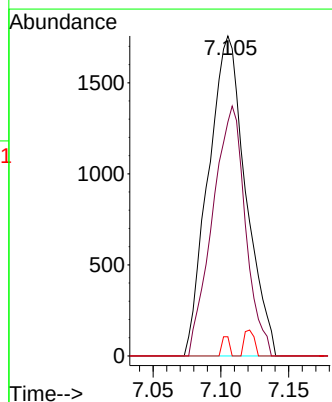
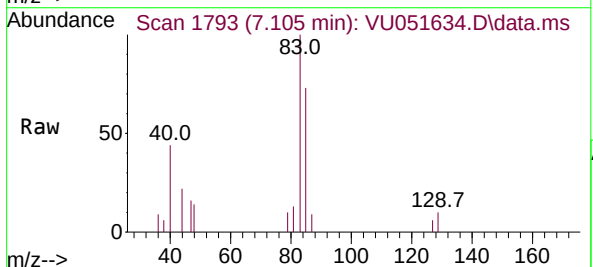
Instrument :
MSVOA_U
ClientSampleId :
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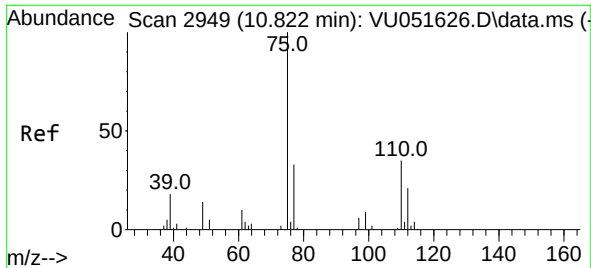
Tgt Ion: 63 Resp: 9734
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#38
Bromodichloromethane
Concen: 0.116 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU051634.D
Acq: 01 Nov 2022 01:09

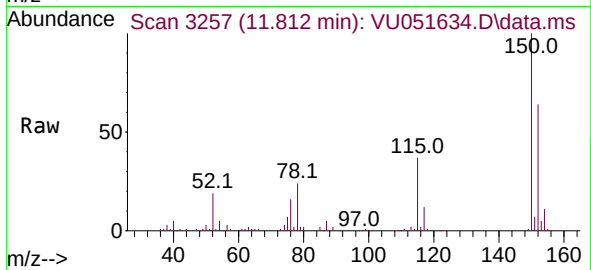
Tgt Ion: 83 Resp: 3364
Ion Ratio Lower Upper
83 100
85 73.1 45.1 83.7
127 6.0 6.6 9.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.888 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU051634.D
 Acq: 01 Nov 2022 01:09

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWN8



Tgt Ion: 75 Resp: 10695
 Ion Ratio Lower Upper
 75 100
 110 1.7 28.7 43.1#
 77 32.2 26.1 39.1

