

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051953.D
 Acq On : 19 Nov 2022 14:19
 Operator : JC/MD
 Sample : N5693-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBN91

Quant Time: Nov 19 21:44:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

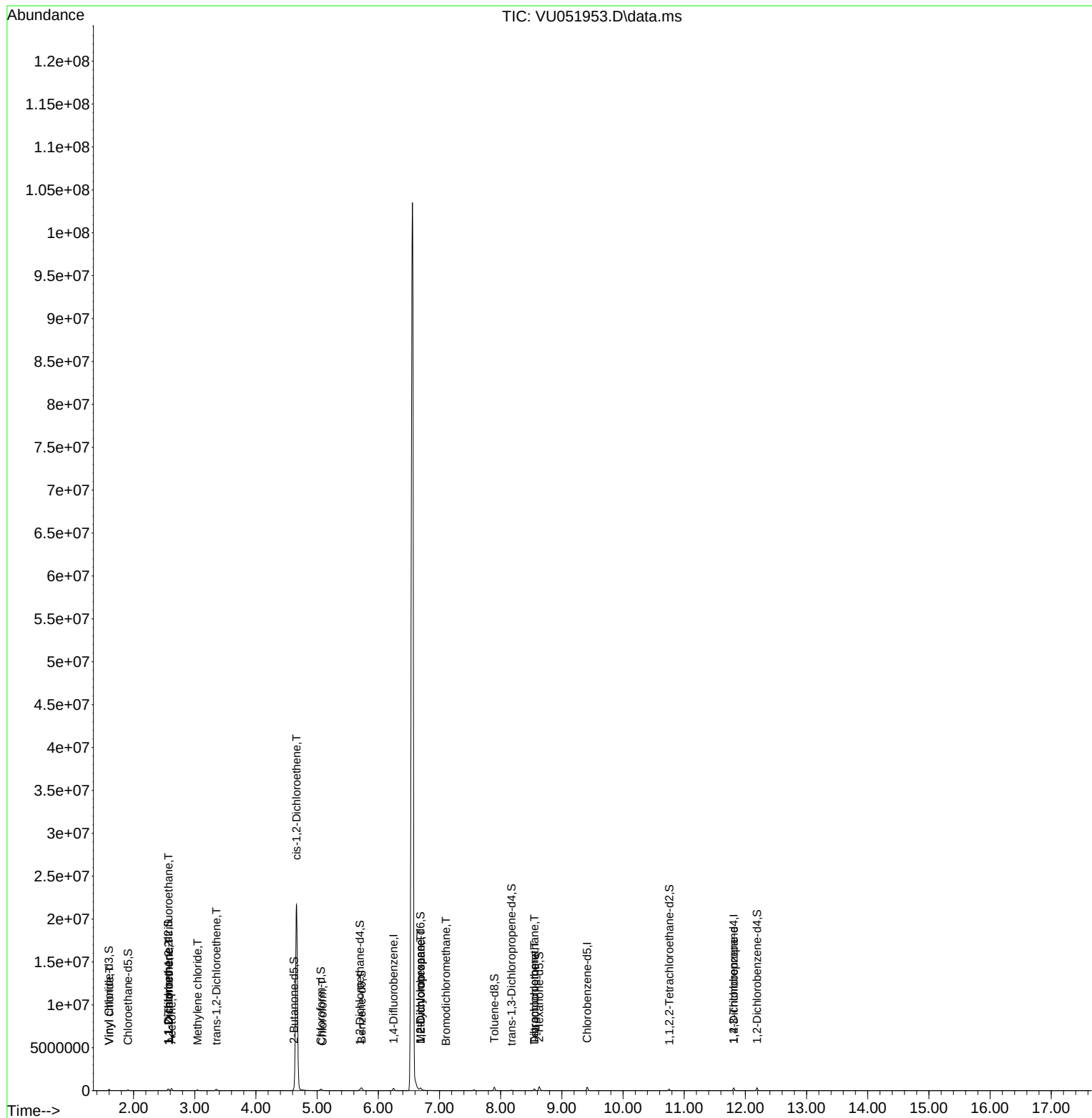
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	224477	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	230278	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	87360	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	103212	4.727	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.909	69	83229	4.907	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.565	65	36402	4.651	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.620	46	204413	51.647	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.300%
24) Chloroform-d	5.060	84	152940	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.700	65	83258	5.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.726	84	336795	4.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.690	67	107825	5.096	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.896	98	277832	4.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.179	79	34953	4.533	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.629	63	153255	46.904	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.800%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	90667	4.943	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	91818	5.490	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	21000	0.860	ug/L #	70
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1201	0.073	ug/L #	1
12) 1,1-Dichloroethene	2.578	96	11191	0.687	ug/L #	1
13) Acetone	2.620	43	265787	98.893	ug/L	100
16) Methylene chloride	3.044	84	49545	2.249	ug/L	93
18) trans-1,2-Dichloroethene	3.353	96	71537	4.098	ug/L	96
22) cis-1,2-Dichloroethene	4.661	96	11652176	636.042	ug/L	96
25) Chloroform	5.086	83	18350	0.576	ug/L	93
35) Methylcyclohexane	6.690	83	24489	0.911	ug/L #	19
37) 1,2-Dichloropropane	6.693	63	10977	0.566	ug/L #	88
38) Bromodichloromethane	7.105	83	2925	0.124	ug/L #	90
47) Tetrachloroethene	8.552	164	44797	3.127	ug/L	97
49) Dibromochloromethane	8.552	129	44200	2.706	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	10592	1.059	ug/L #	67

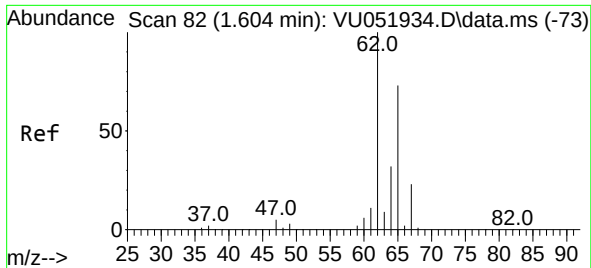
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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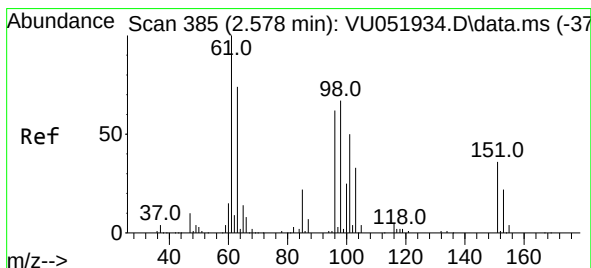
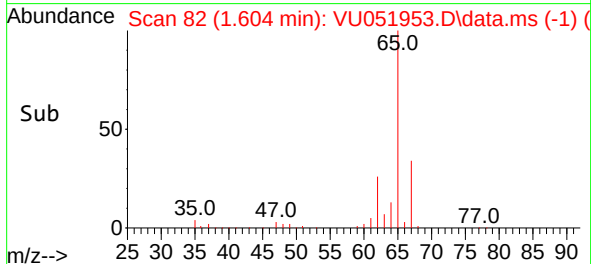
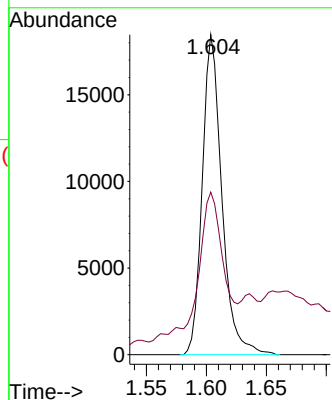
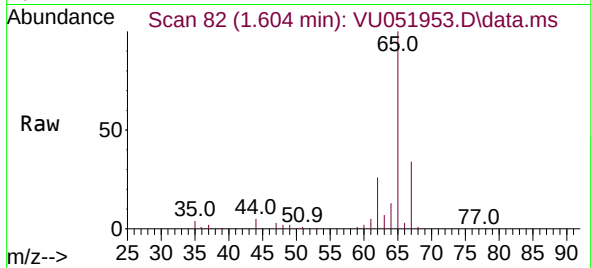




#5
 Vinyl chloride
 Concen: 0.860 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051953.D
 Acq: 19 Nov 2022 14:19

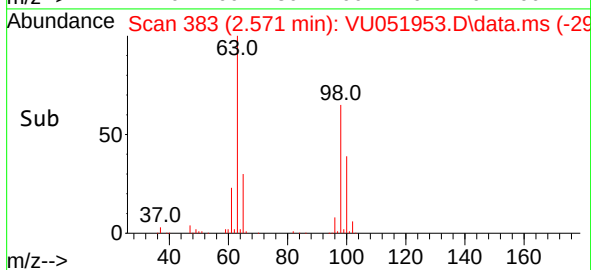
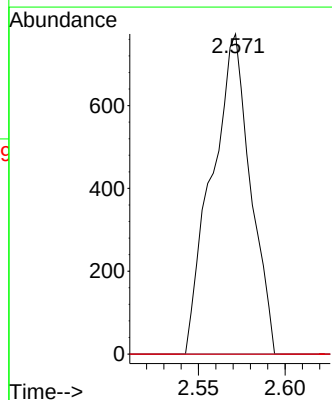
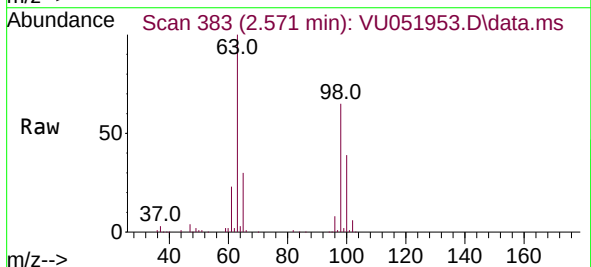
Instrument :
 MSVOA_U
 ClientSampleId :
 GBN91

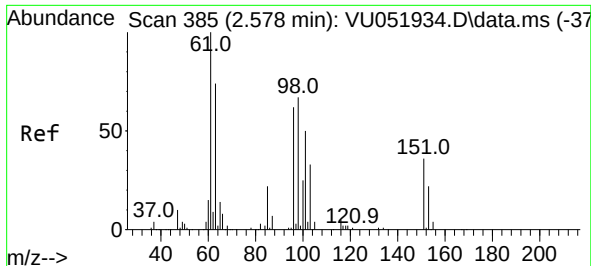
Tgt Ion: 62 Resp: 21000
 Ion Ratio Lower Upper
 62 100
 64 50.8 23.5 43.7#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.073 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: VU051953.D
 Acq: 19 Nov 2022 14:19

Tgt Ion: 101 Resp: 1201
 Ion Ratio Lower Upper
 101 100
 85 605.7 33.8 50.6#
 151 0.0 58.6 88.0#

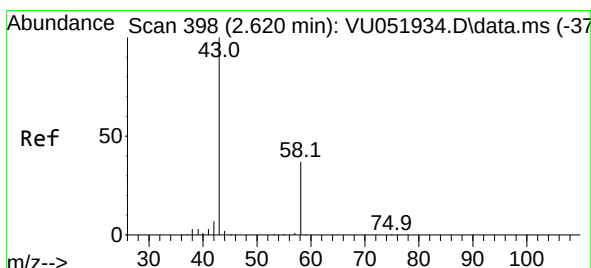
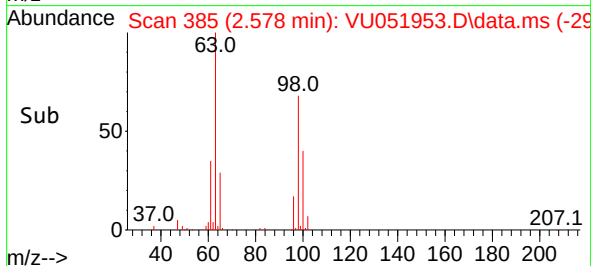
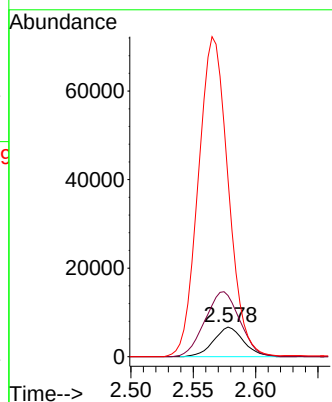
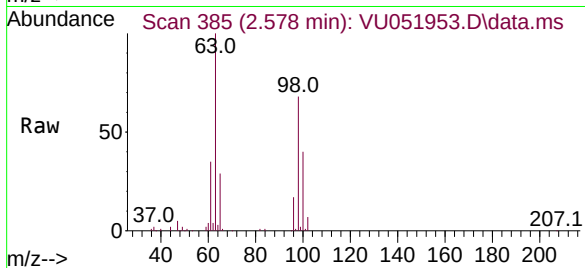




#12
1,1-Dichloroethene
Concen: 0.687 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU051953.D
Acq: 19 Nov 2022 14:19

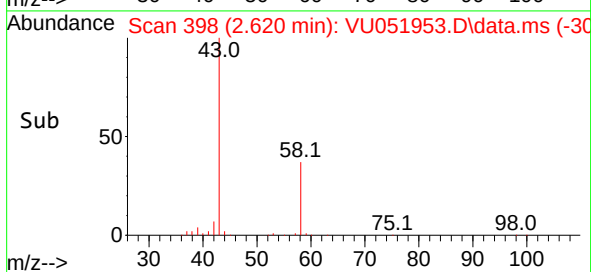
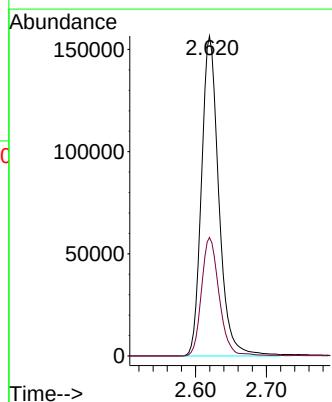
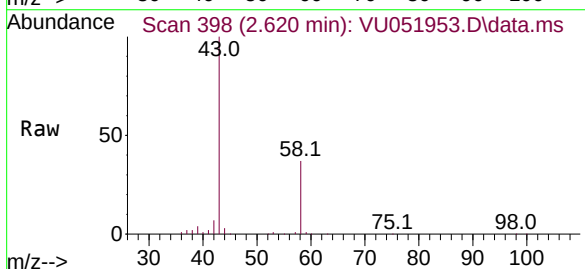
Instrument :
MSVOA_U
ClientSampleId :
GBN91

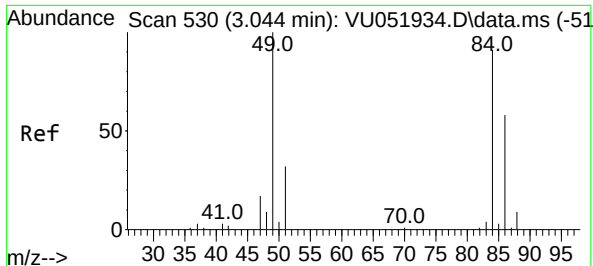
Tgt Ion: 96 Resp: 11191
Ion Ratio Lower Upper
96 100
61 207.2 114.8 213.2
63 600.1 93.7 174.1#



#13
Acetone
Concen: 98.893 ug/L
RT: 2.620 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU051953.D
Acq: 19 Nov 2022 14:19

Tgt Ion: 43 Resp: 265787
Ion Ratio Lower Upper
43 100
58 37.7 0.0 76.0

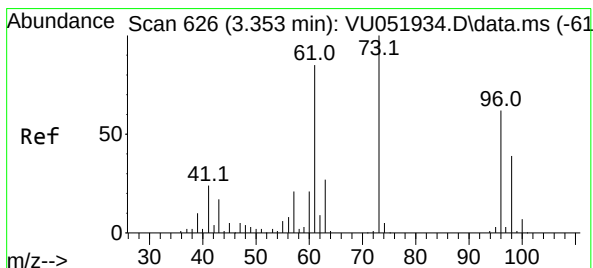
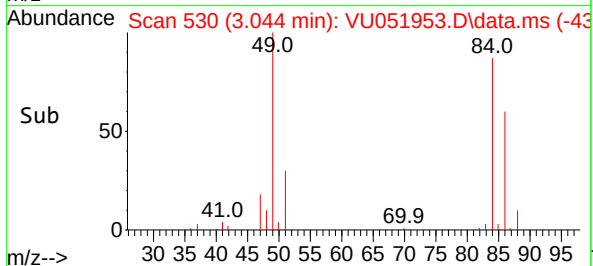
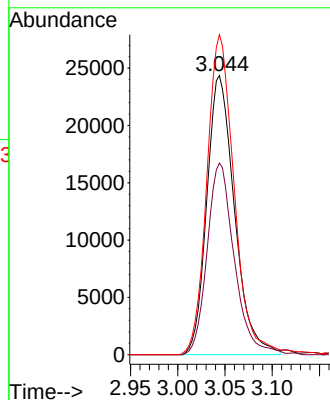
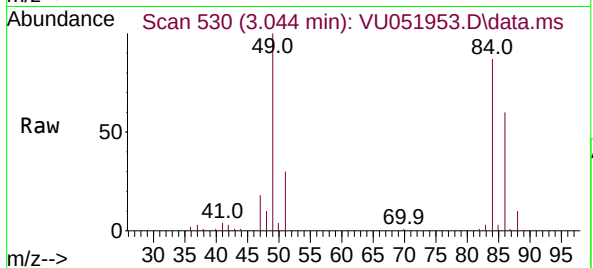




#16
Methylene chloride
Concen: 2.249 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU051953.D
Acq: 19 Nov 2022 14:19

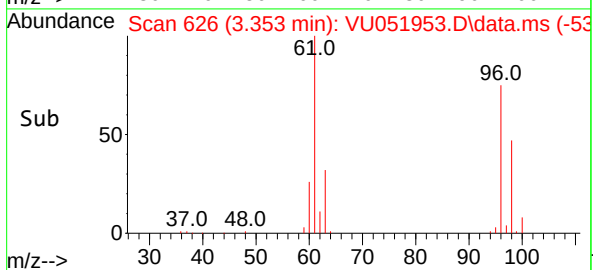
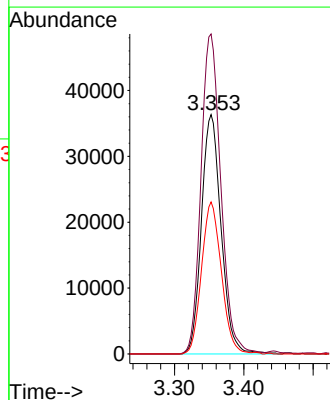
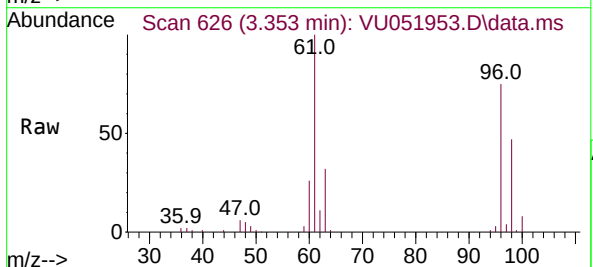
Instrument :
MSVOA_U
ClientSampleId :
GBN91

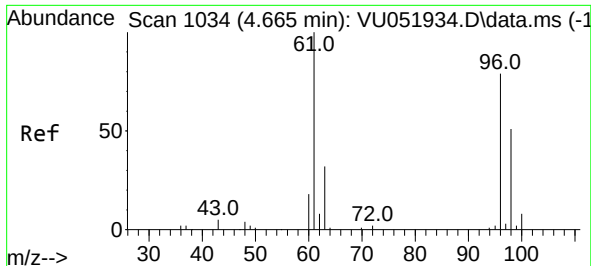
Tgt Ion: 84 Resp: 49545
Ion Ratio Lower Upper
84 100
86 68.7 43.8 81.4
49 114.7 75.9 141.1



#18
trans-1,2-Dichloroethene
Concen: 4.098 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU051953.D
Acq: 19 Nov 2022 14:19

Tgt Ion: 96 Resp: 71537
Ion Ratio Lower Upper
96 100
61 133.7 97.9 181.7
98 63.5 43.8 81.3





#22

cis-1,2-Dichloroethene

Concen: 636.042 ug/L

RT: 4.661 min Scan# 1103

Delta R.T. -0.003 min

Lab File: VU051953.D

Acq: 19 Nov 2022 14:19

Instrument :

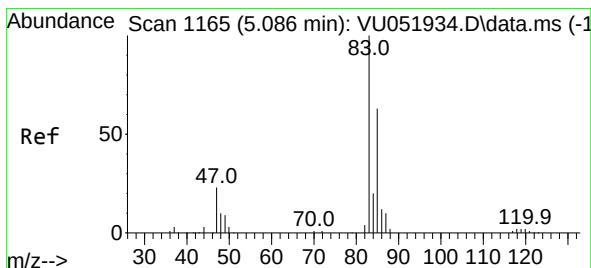
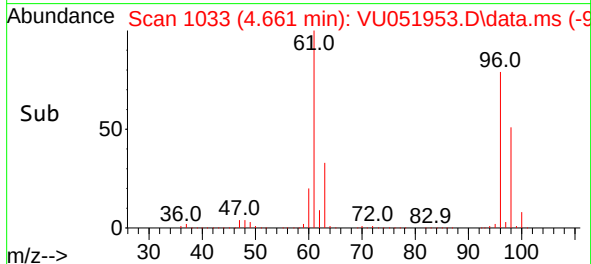
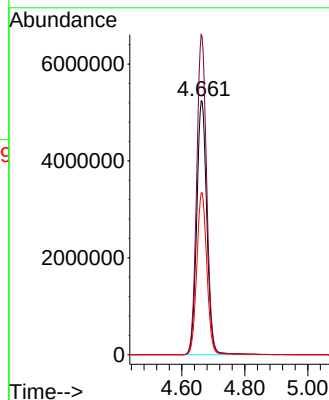
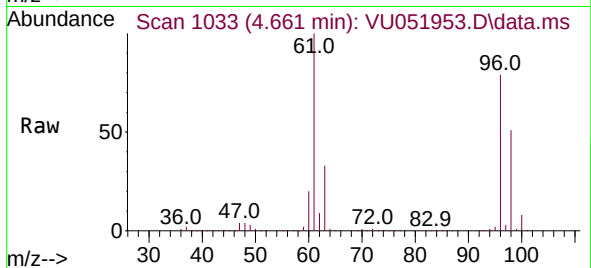
MSVOA_U

ClientSampleId :

GBN91

Tgt Ion: 96 Resp:11652176

Ion	Ratio	Lower	Upper
96	100		
61	126.0	85.1	158.1
98	63.7	42.8	79.6



#25

Chloroform

Concen: 0.576 ug/L

RT: 5.086 min Scan# 1165

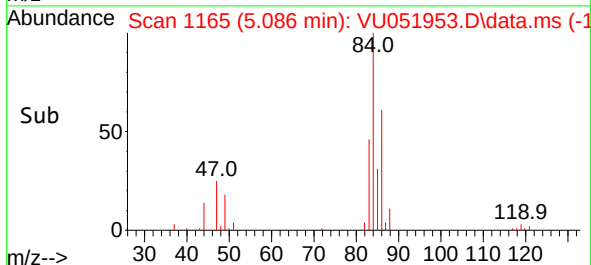
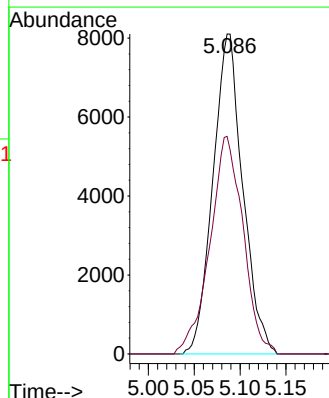
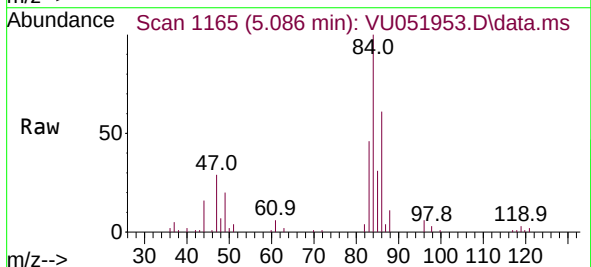
Delta R.T. -0.000 min

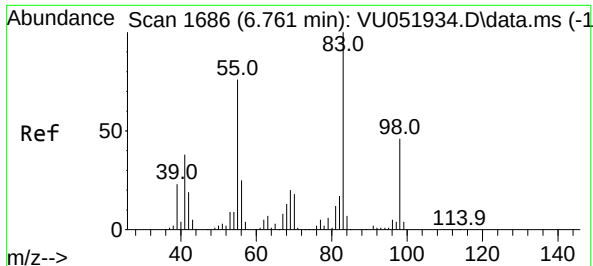
Lab File: VU051953.D

Acq: 19 Nov 2022 14:19

Tgt Ion: 83 Resp: 18350

Ion	Ratio	Lower	Upper
83	100		
85	68.0	43.8	81.4





#35

Methylcyclohexane

Concen: 0.911 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU051953.D

Acq: 19 Nov 2022 14:19

Instrument :

MSVOA_U

ClientSampleId :

GBN91

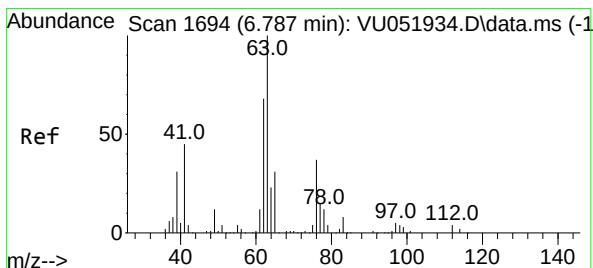
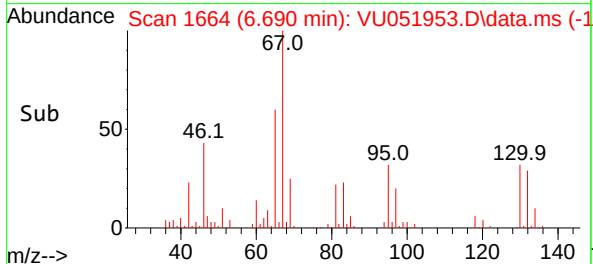
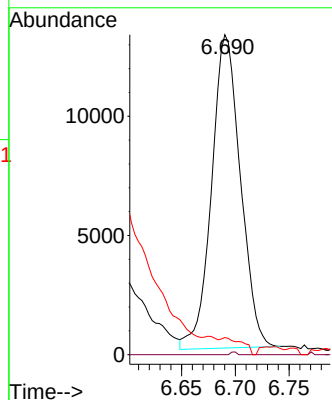
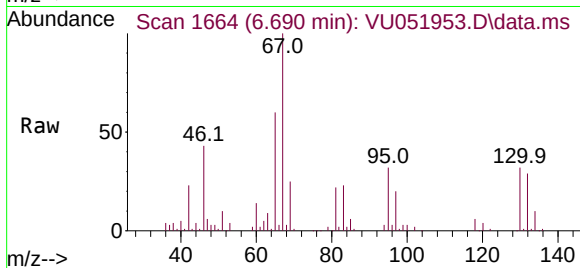
Tgt Ion: 83 Resp: 24489

Ion Ratio Lower Upper

83 100

55 0.2 60.8 91.2#

98 0.0 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.566 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.093 min

Lab File: VU051953.D

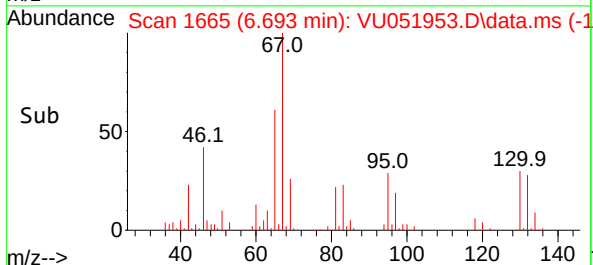
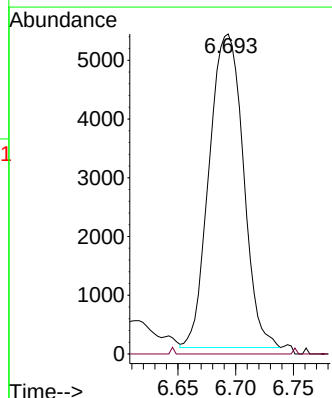
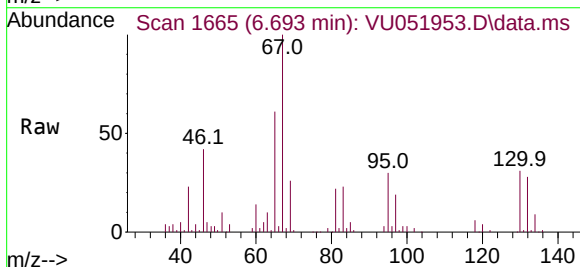
Acq: 19 Nov 2022 14:19

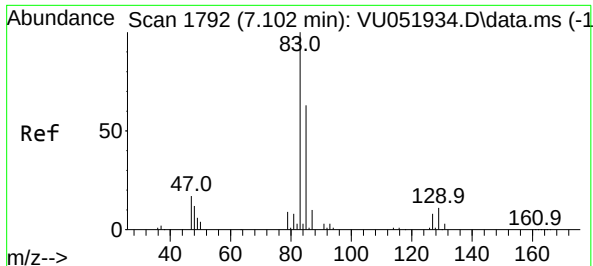
Tgt Ion: 63 Resp: 10977

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#





#38

Bromodichloromethane

Concen: 0.124 ug/L

RT: 7.105 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU051953.D

Acq: 19 Nov 2022 14:19

Instrument :

MSVOA_U

ClientSampleId :

GBN91

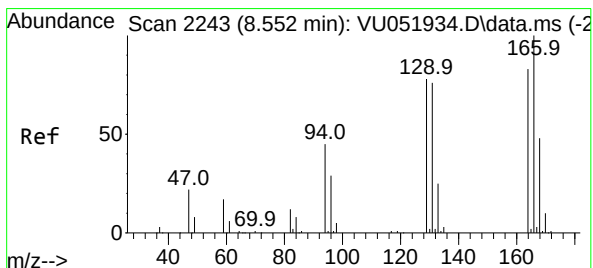
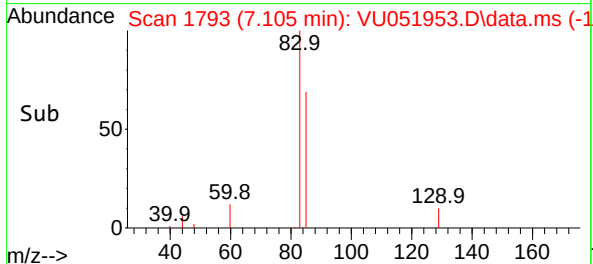
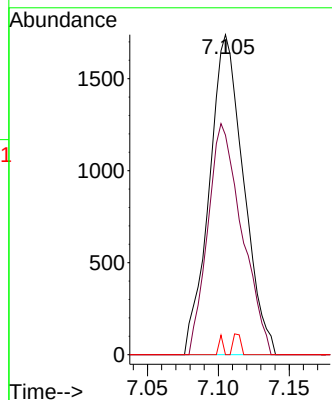
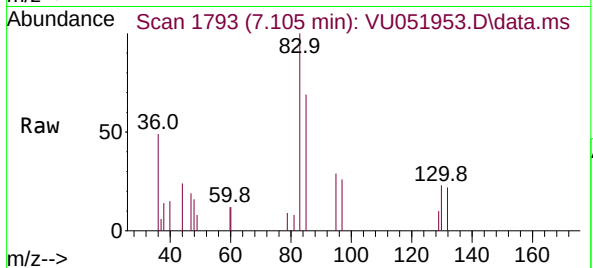
Tgt Ion: 83 Resp: 2925

Ion Ratio Lower Upper

83 100

85 68.6 43.5 80.9

127 0.0 6.8 10.2#



#47

Tetrachloroethene

Concen: 3.127 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051953.D

Acq: 19 Nov 2022 14:19

Tgt Ion: 164 Resp: 44797

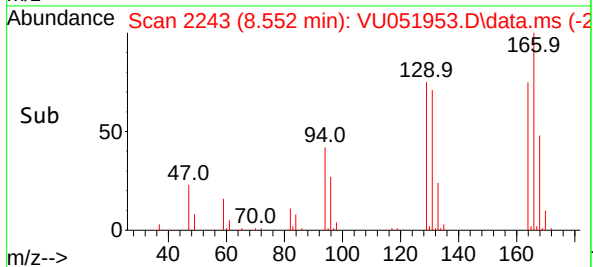
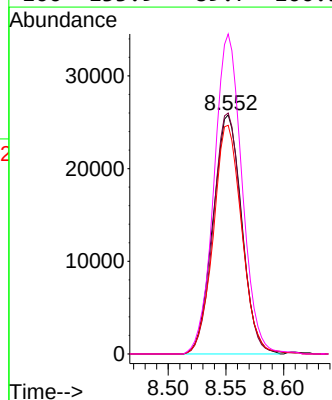
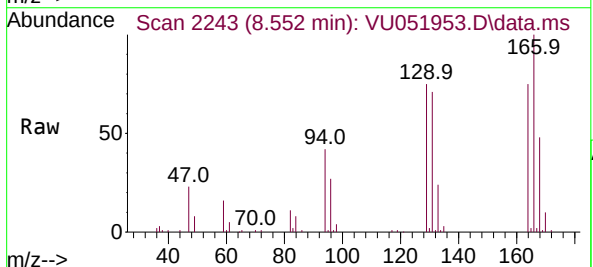
Ion Ratio Lower Upper

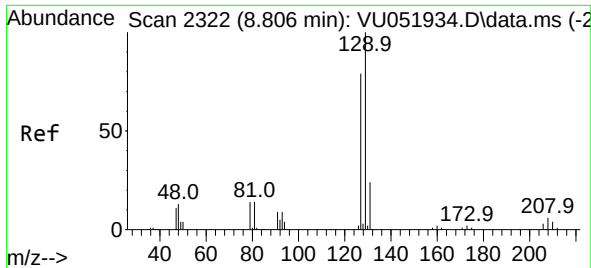
164 100

129 100.8 67.4 125.2

131 95.6 67.1 124.7

166 133.9 89.7 166.5

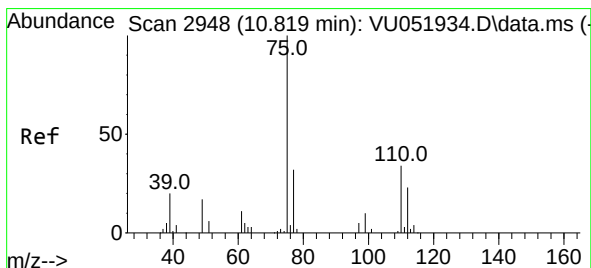
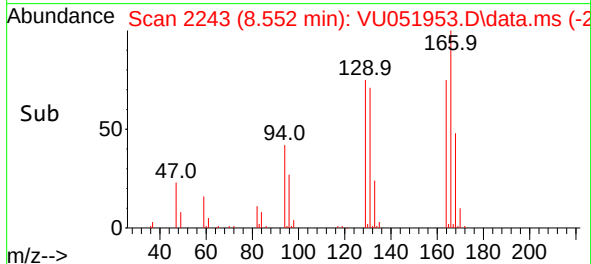
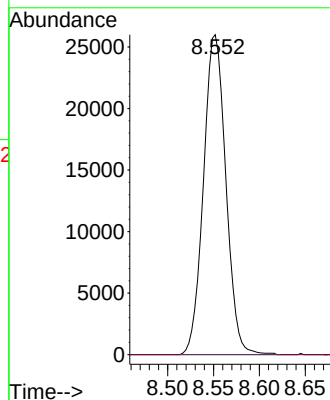
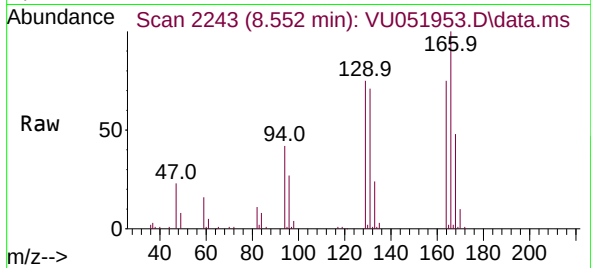




#49
Dibromochloromethane
Concen: 2.706 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU051953.D
Acq: 19 Nov 2022 14:19

Instrument :
MSVOA_U
ClientSampleId :
GBN91

Tgt Ion:129 Resp: 44200
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.2#



#61
1,2,3-Trichloropropane
Concen: 1.059 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU051953.D
Acq: 19 Nov 2022 14:19

Tgt Ion: 75 Resp: 10592
Ion Ratio Lower Upper
75 100
110 1.4 28.3 42.5#
77 29.0 26.2 39.2

