

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051949.D
 Acq On : 19 Nov 2022 12:33
 Operator : JC/MD
 Sample : N5693-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBN87

Quant Time: Nov 19 21:43:21 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)

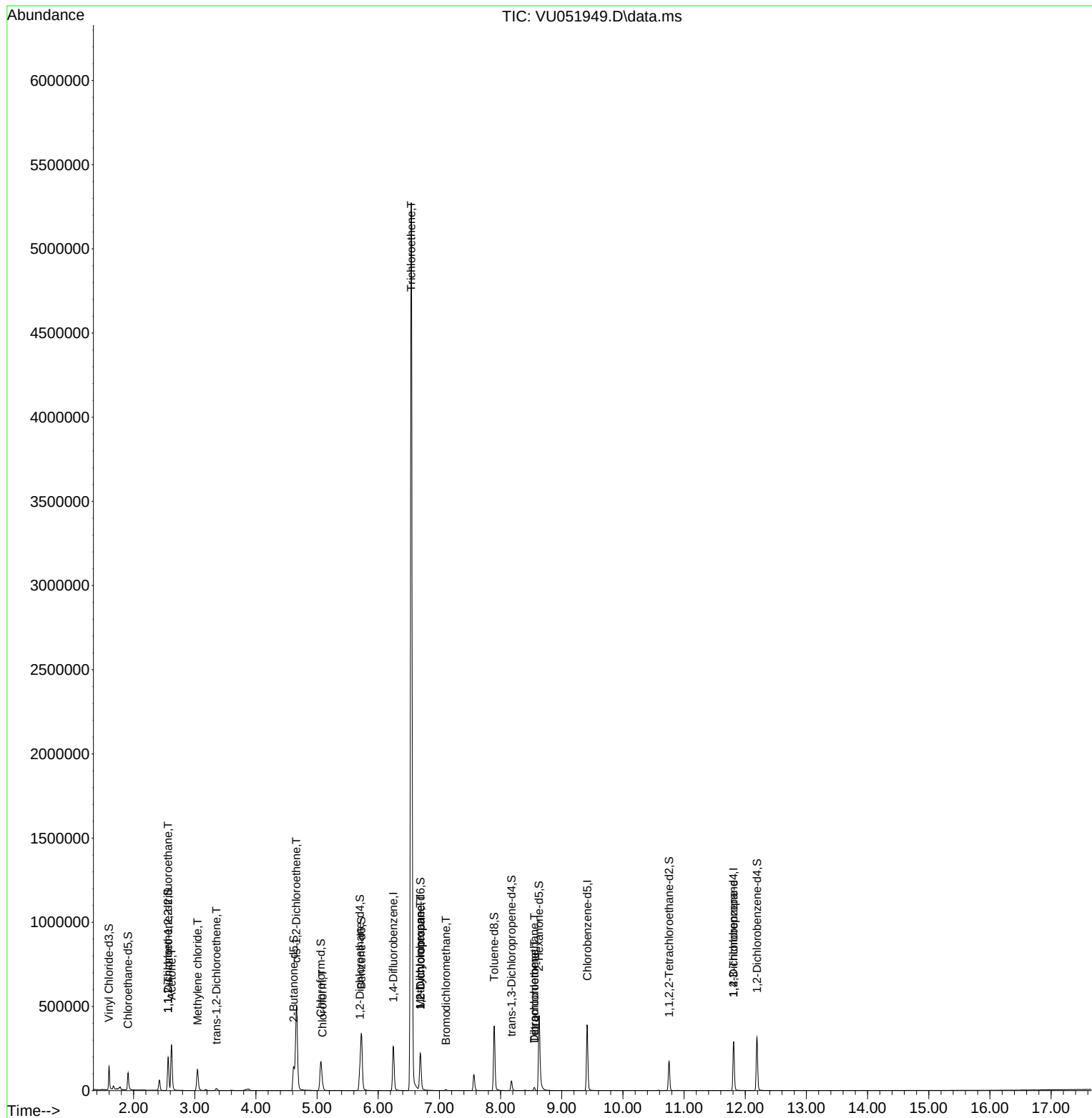
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	215515	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	224640	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	84753	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	103729	4.948	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.909	69	84853	5.211	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.200%
11) 1,1-Dichloroethene-d2	2.565	65	36953	4.918	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.400%
20) 2-Butanone-d5	4.616	46	194016	51.059	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.120%
24) Chloroform-d	5.063	84	158998	5.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.700	65	84820	5.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.726	84	334997	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.690	67	110270	5.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.896	98	270138	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.179	79	33081	4.398	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.629	63	153446	48.142	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.280%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	90084	5.034	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	90184	5.558	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.200%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1104	0.070	ug/L #	20
13) Acetone	2.620	43	287390	111.378	ug/L	100
16) Methylene chloride	3.044	84	66477	3.143	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	5437	0.324	ug/L	97
22) cis-1,2-Dichloroethene	4.661	96	270289	15.367	ug/L	99
25) Chloroform	5.089	83	21260	0.695	ug/L	92
34) Trichloroethene	6.539	95	1844225	101.138	ug/L	99
35) Methylcyclohexane	6.687	83	24998	0.953	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	11140	0.589	ug/L #	88
38) Bromodichloromethane	7.105	83	4505	0.195	ug/L #	98
47) Tetrachloroethene	8.552	164	4271	0.306	ug/L	94
49) Dibromochloromethane	8.552	129	4272	0.268	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	10175	1.049	ug/L #	64

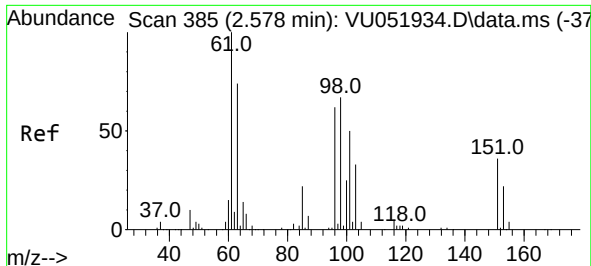
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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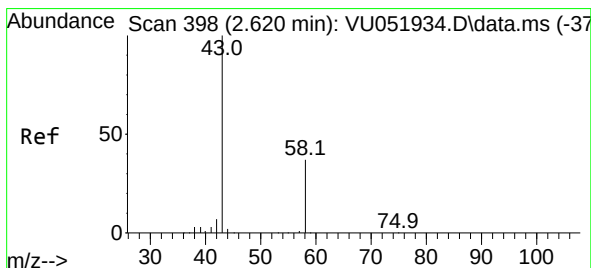
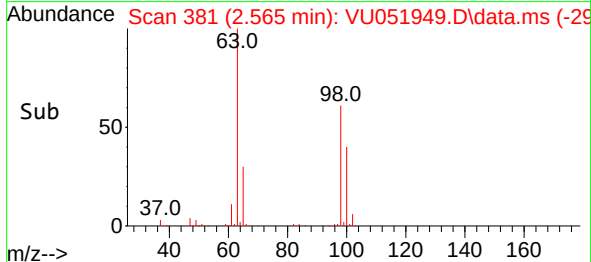
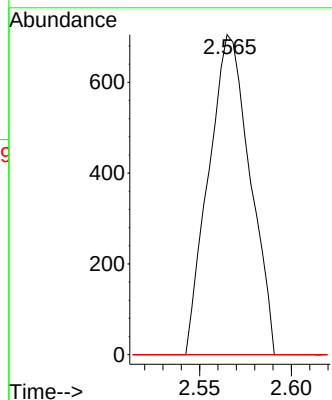
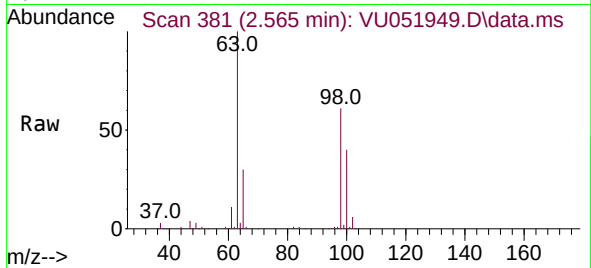




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.070 ug/L
RT: 2.565 min Scan# 311
Delta R.T. -0.013 min
Lab File: VU051949.D
Acq: 19 Nov 2022 12:33

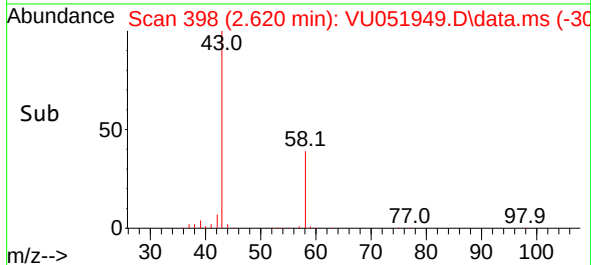
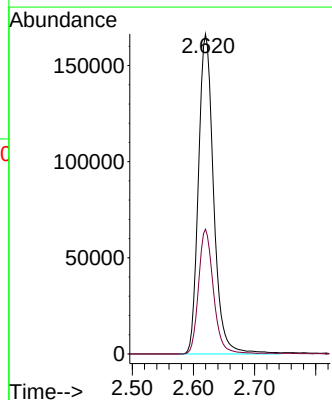
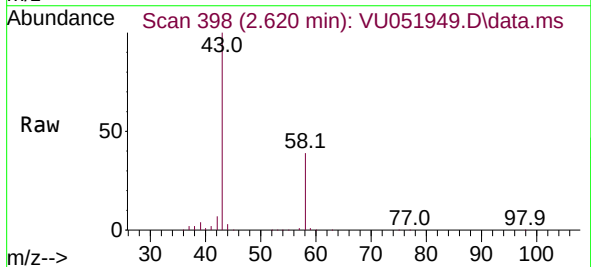
Instrument :
MSVOA_U
ClientSampleId :
GBN87

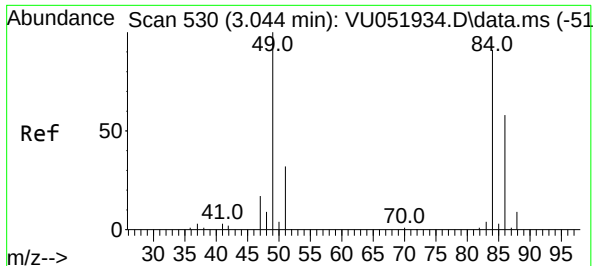
Tgt Ion:101 Resp: 1104
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#13
Acetone
Concen: 111.378 ug/L
RT: 2.620 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU051949.D
Acq: 19 Nov 2022 12:33

Tgt Ion: 43 Resp: 287390
Ion Ratio Lower Upper
43 100
58 38.2 0.0 76.0

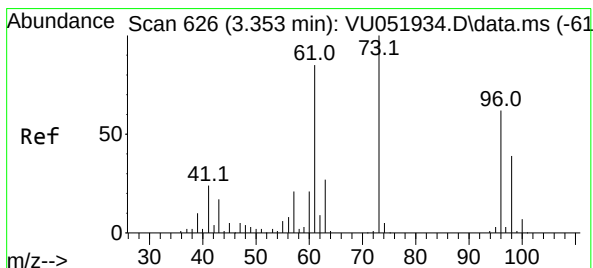
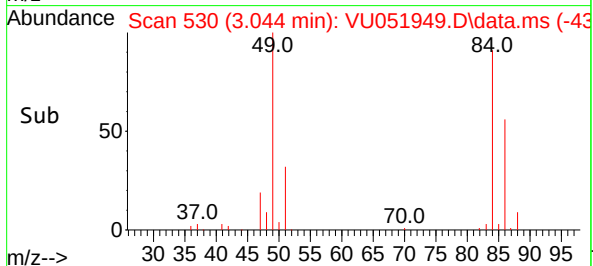
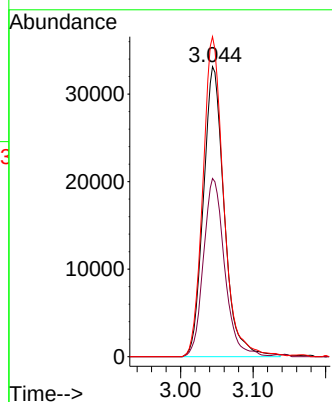
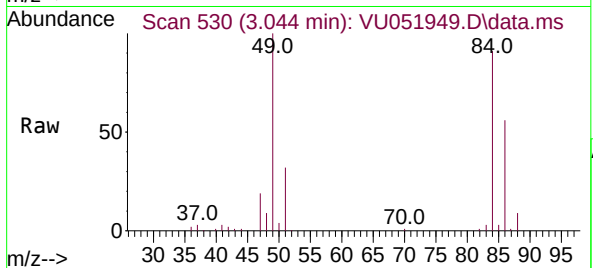




#16
Methylene chloride
Concen: 3.143 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU051949.D
Acq: 19 Nov 2022 12:33

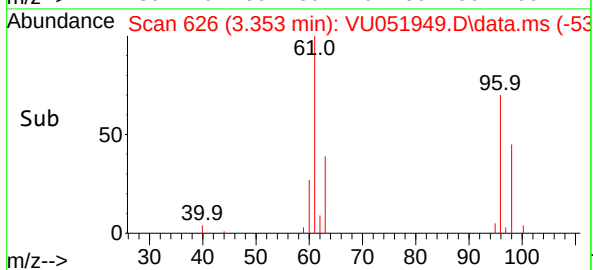
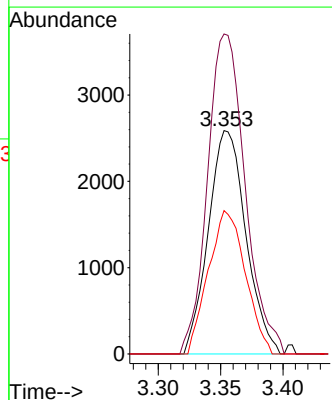
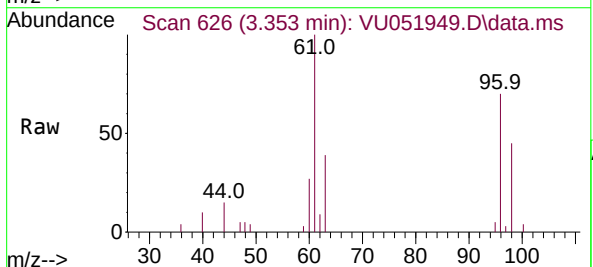
Instrument :
MSVOA_U
ClientSampleId :
GBN87

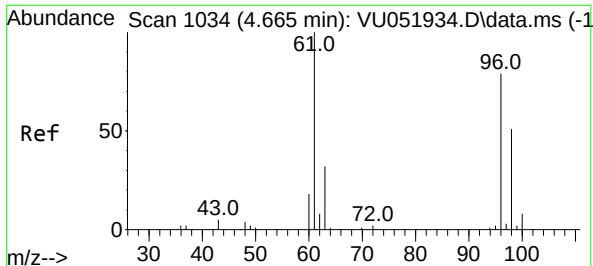
Tgt Ion:	84	Resp:	66477
Ion	Ratio	Lower	Upper
84	100		
86	61.5	43.8	81.4
49	110.3	75.9	141.1



#18
trans-1,2-Dichloroethene
Concen: 0.324 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU051949.D
Acq: 19 Nov 2022 12:33

Tgt Ion:	96	Resp:	5437
Ion	Ratio	Lower	Upper
96	100		
61	143.2	97.9	181.7
98	64.2	43.8	81.3





#22

cis-1,2-Dichloroethene

Concen: 15.367 ug/L

RT: 4.661 min Scan# 1103

Delta R.T. -0.003 min

Lab File: VU051949.D

Acq: 19 Nov 2022 12:33

Instrument :

MSVOA_U

ClientSampleId :

GBN87

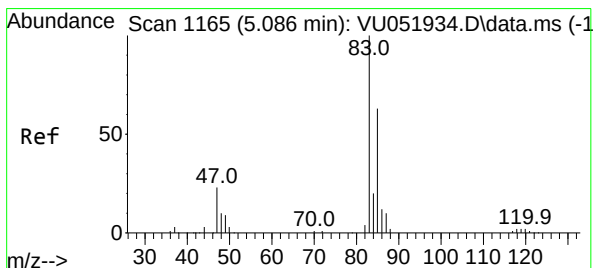
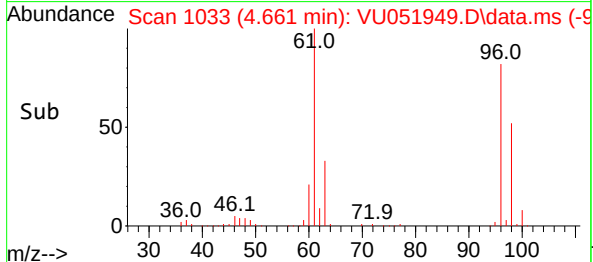
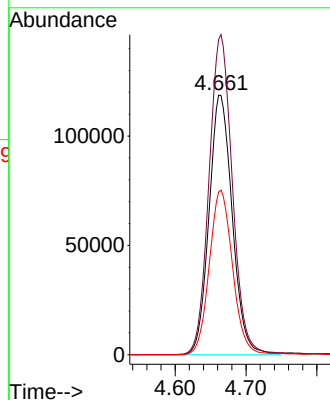
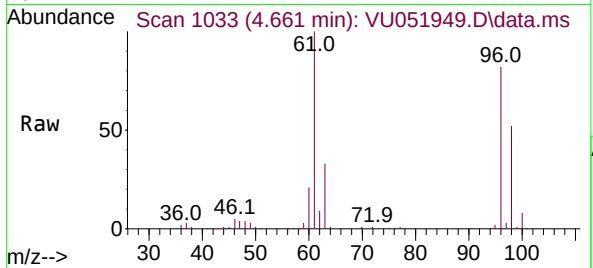
Tgt Ion: 96 Resp: 270289

Ion Ratio Lower Upper

96 100

61 121.5 85.1 158.1

98 62.7 42.8 79.6



#25

Chloroform

Concen: 0.695 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU051949.D

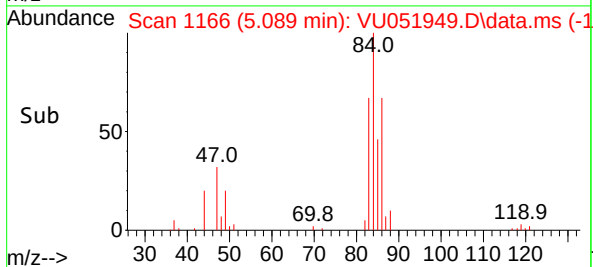
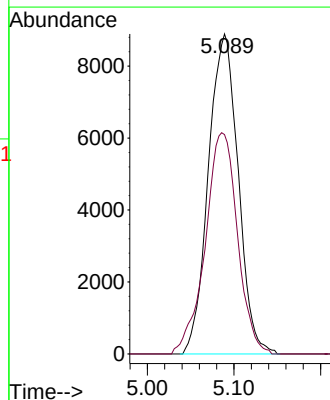
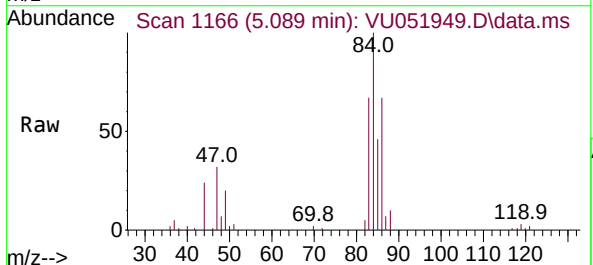
Acq: 19 Nov 2022 12:33

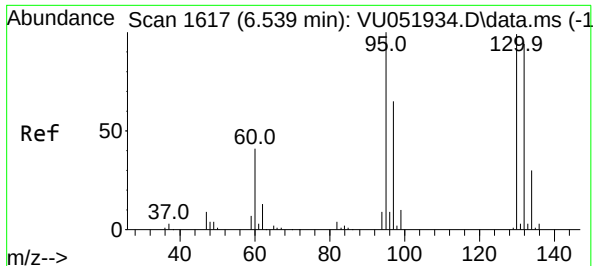
Tgt Ion: 83 Resp: 21260

Ion Ratio Lower Upper

83 100

85 68.5 43.8 81.4



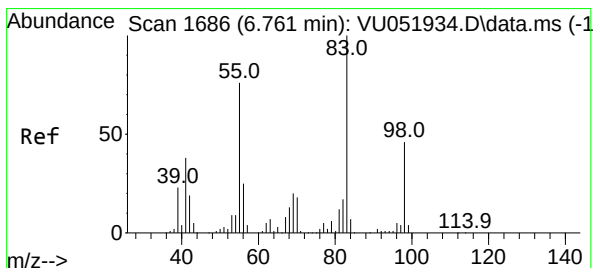
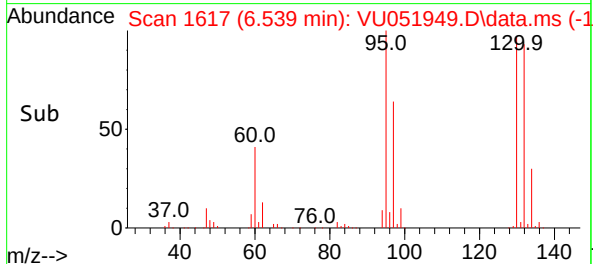
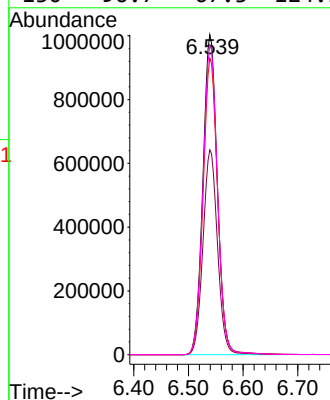
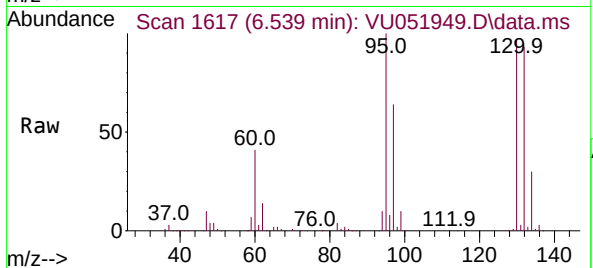


#34
Trichloroethene
Concen: 101.138 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051949.D
Acq: 19 Nov 2022 12:33

Instrument :
MSVOA_U
ClientSampleId :
GBN87

Tgt Ion: 95 Resp: 1844225

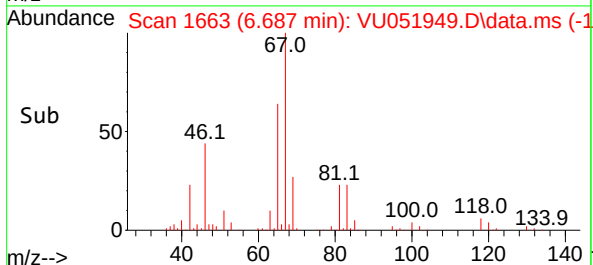
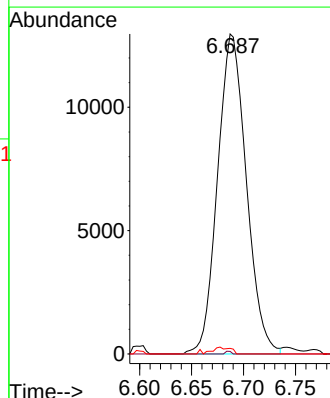
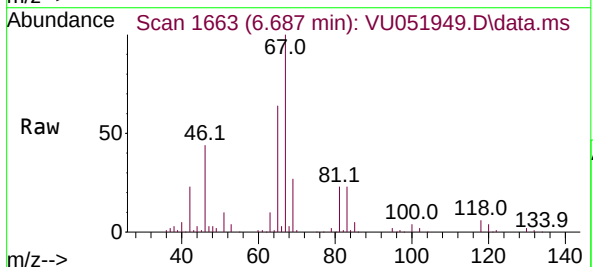
Ion	Ratio	Lower	Upper
95	100		
97	64.0	43.7	81.1
132	92.6	64.3	119.3
130	96.7	67.3	124.9

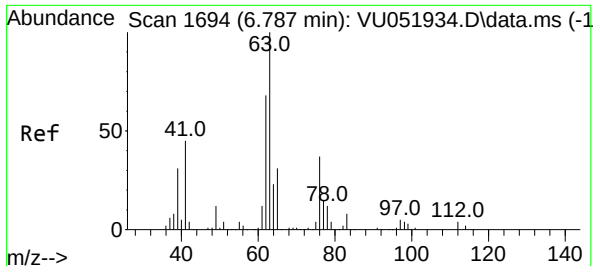


#35
Methylcyclohexane
Concen: 0.953 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU051949.D
Acq: 19 Nov 2022 12:33

Tgt Ion: 83 Resp: 24998

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: 0.589 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU051949.D

Acq: 19 Nov 2022 12:33

Instrument :

MSVOA_U

ClientSampleId :

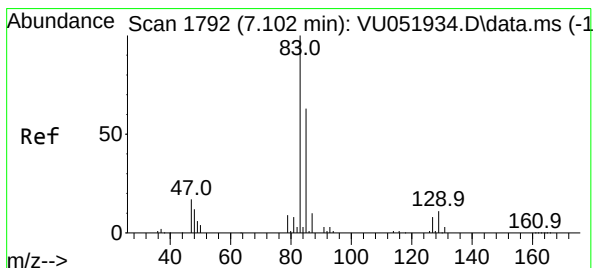
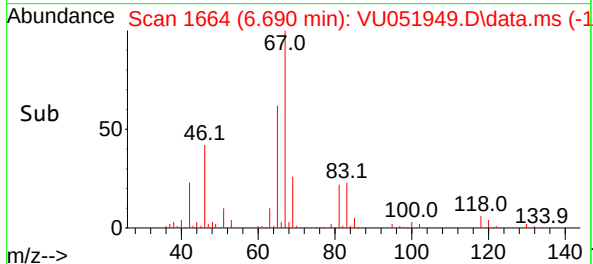
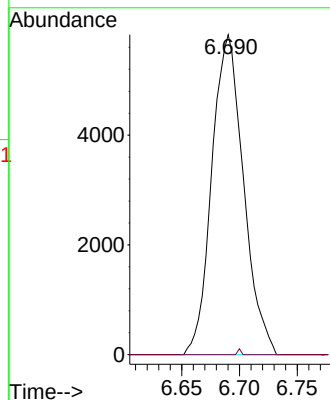
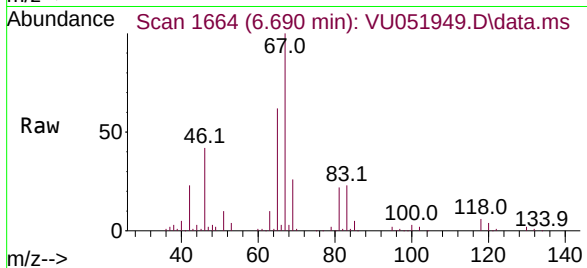
GBN87

Tgt Ion: 63 Resp: 11140

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#



#38

Bromodichloromethane

Concen: 0.195 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.003 min

Lab File: VU051949.D

Acq: 19 Nov 2022 12:33

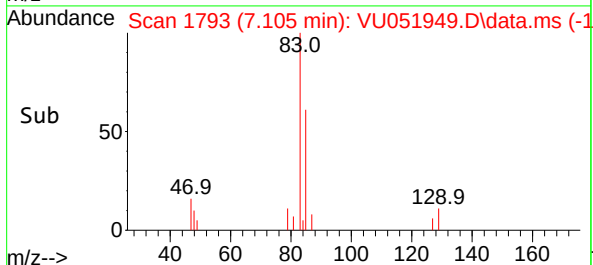
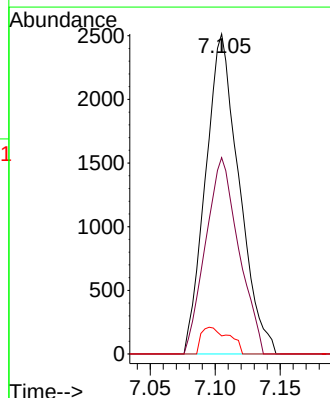
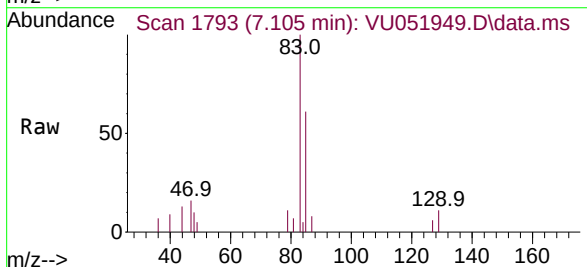
Tgt Ion: 83 Resp: 4505

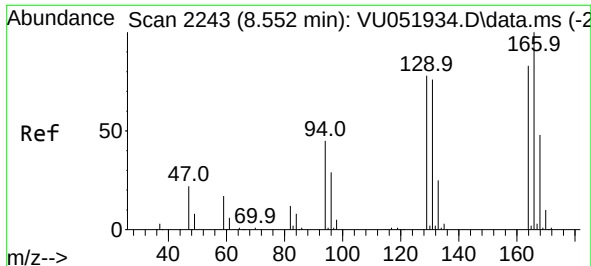
Ion Ratio Lower Upper

83 100

85 61.4 43.5 80.9

127 5.6 6.8 10.2#





#47

Tetrachloroethene

Concen: 0.306 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051949.D

Acq: 19 Nov 2022 12:33

Instrument :

MSVOA_U

ClientSampleId :

GBN87

Tgt Ion:164 Resp: 4271

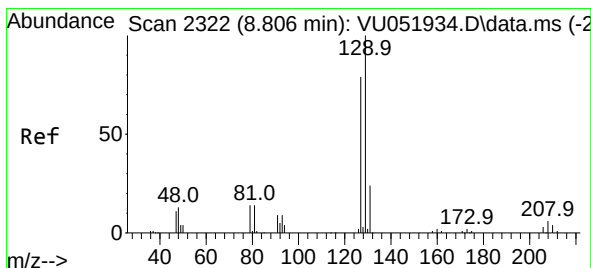
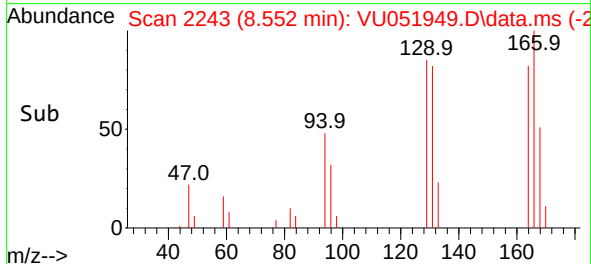
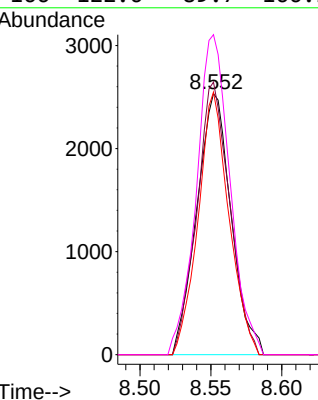
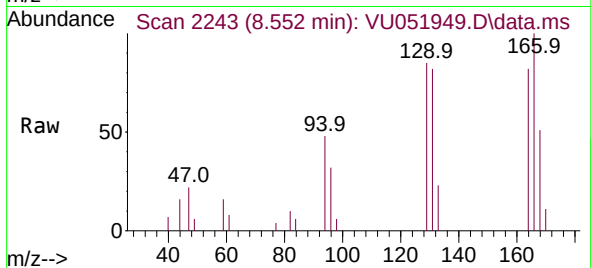
Ion Ratio Lower Upper

164 100

129 104.4 67.4 125.2

131 100.6 67.1 124.7

166 122.6 89.7 166.5



#49

Dibromochloromethane

Concen: 0.268 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.254 min

Lab File: VU051949.D

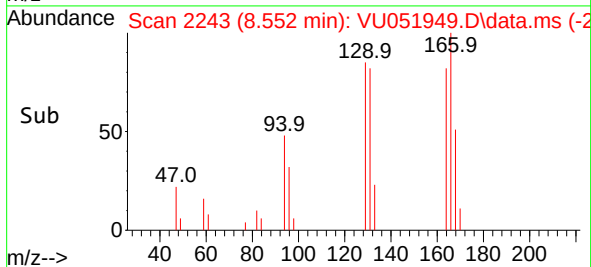
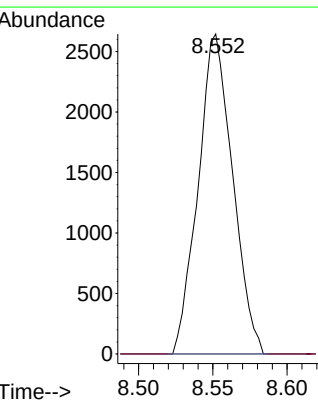
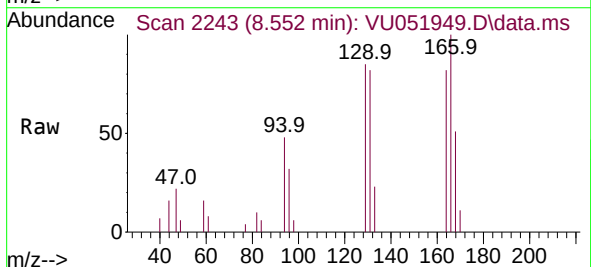
Acq: 19 Nov 2022 12:33

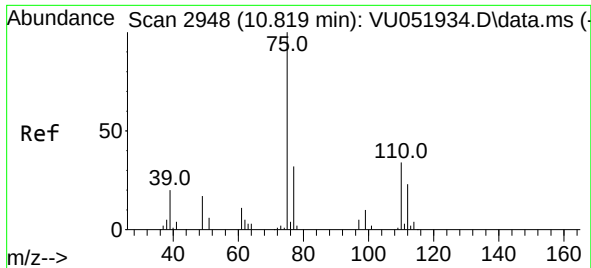
Tgt Ion:129 Resp: 4272

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.049 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU051949.D
 Acq: 19 Nov 2022 12:33

Instrument :
 MSVOA_U
 ClientSampleId :
 GBN87

Tgt Ion: 75 Resp: 10175
 Ion Ratio Lower Upper
 75 100
 110 0.8 28.3 42.5#
 77 26.3 26.2 39.2

