

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051946.D
 Acq On : 19 Nov 2022 11:12
 Operator : JC/MD
 Sample : N5693-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBN84

Quant Time: Nov 19 21:42:43 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)

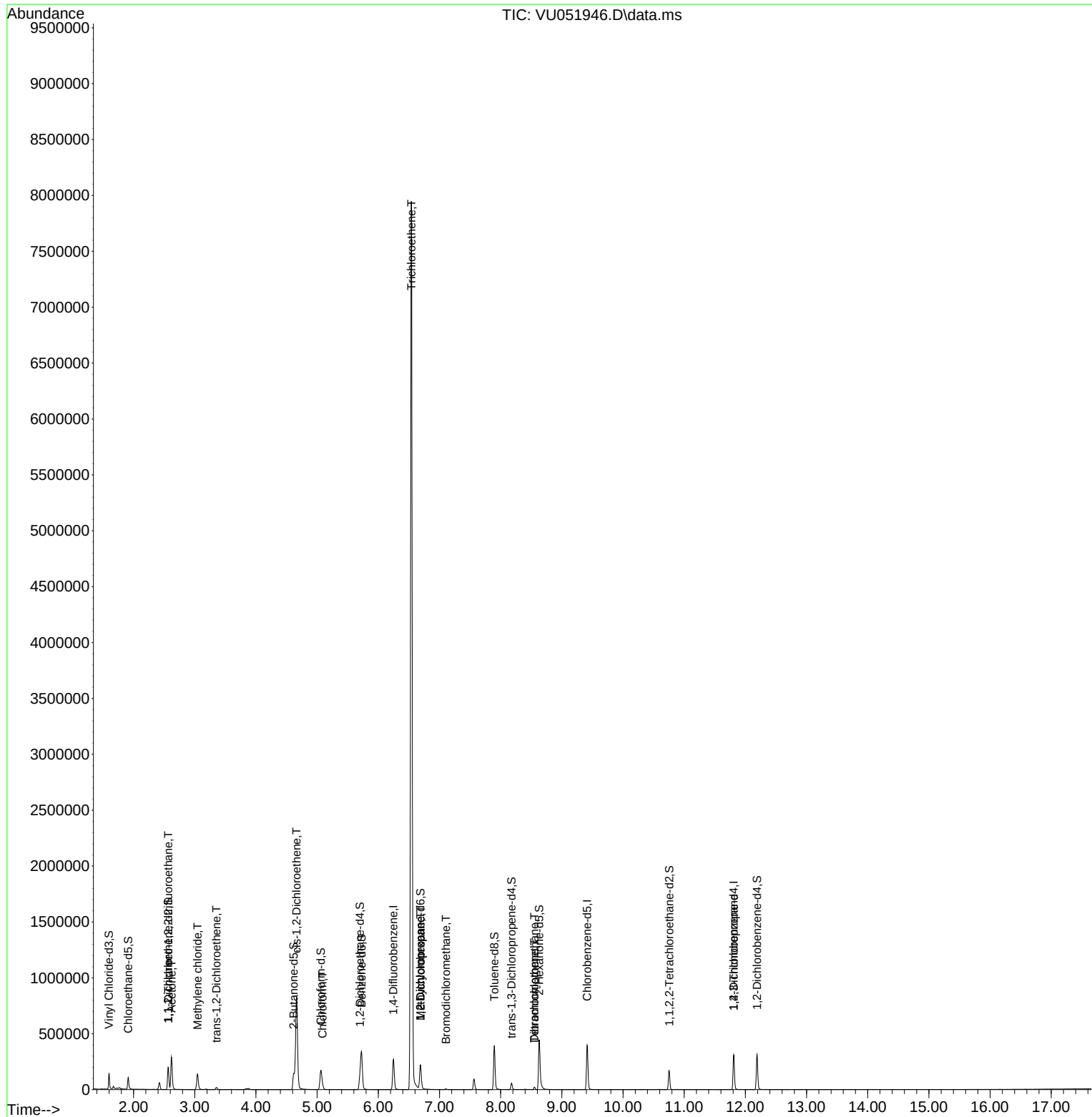
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	228006	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	233310	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	87118	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	104305	4.703	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.912	69	84387	4.899	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.565	65	38108	4.794	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	4.617	46	196814	48.958	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.920%
24) Chloroform-d	5.060	84	161888	4.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.700	65	83365	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.726	84	337812	4.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.690	67	110301	5.146	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.896	98	273423	4.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.179	79	33970	4.349	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.629	63	150614	45.497	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.000%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	88799	4.778	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	88989	5.335	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1286	0.077	ug/L #	20
13) Acetone	2.620	43	308992	113.189	ug/L	98
16) Methylene chloride	3.044	84	72550	3.242	ug/L	96
18) trans-1,2-Dichloroethene	3.353	96	8604	0.485	ug/L	91
22) cis-1,2-Dichloroethene	4.665	96	449486	24.156	ug/L	98
25) Chloroform	5.089	83	25372	0.784	ug/L	90
34) Trichloroethene	6.539	95	2808109	148.275	ug/L	99
35) Methylcyclohexane	6.690	83	24431	0.897	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	11645	0.592	ug/L #	90
38) Bromodichloromethane	7.105	83	5241	0.219	ug/L	97
47) Tetrachloroethene	8.552	164	5182	0.357	ug/L	92
49) Dibromochloromethane	8.552	129	5344	0.323	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	10649	1.068	ug/L #	66

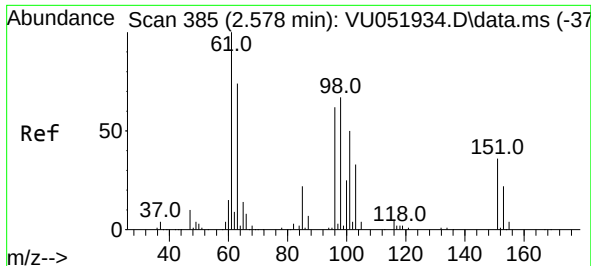
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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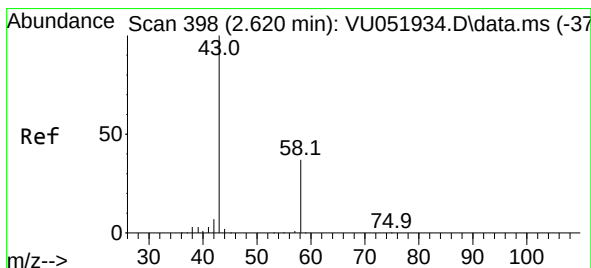
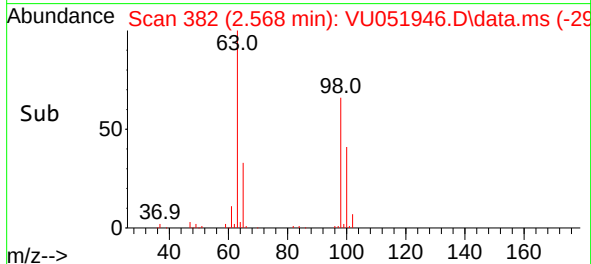
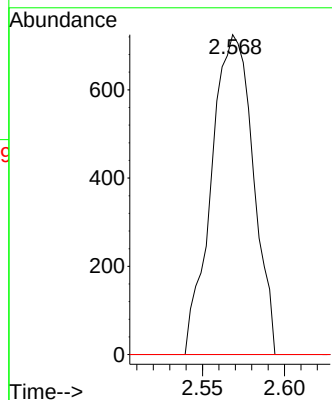
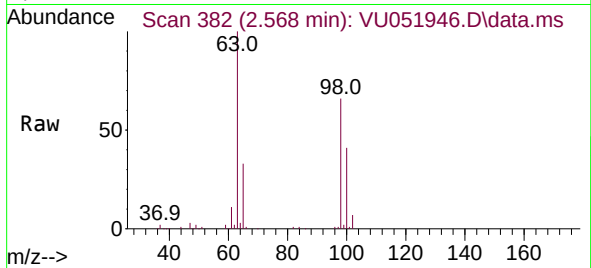




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.077 ug/L
RT: 2.568 min Scan# 310
Delta R.T. -0.010 min
Lab File: VU051946.D
Acq: 19 Nov 2022 11:12

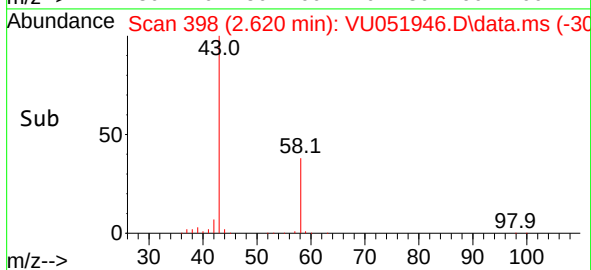
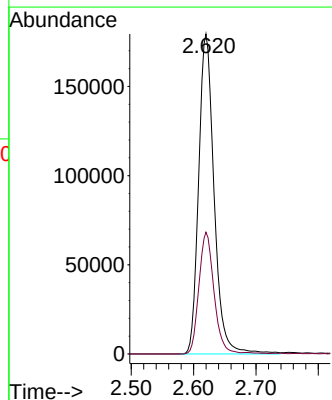
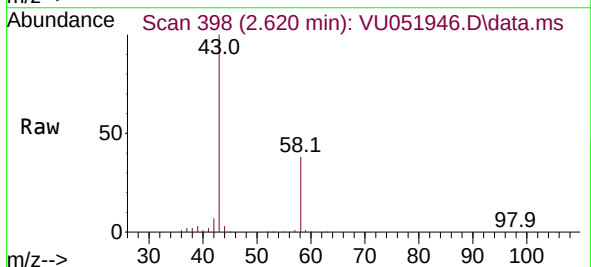
Instrument :
MSVOA_U
ClientSampleId :
GBN84

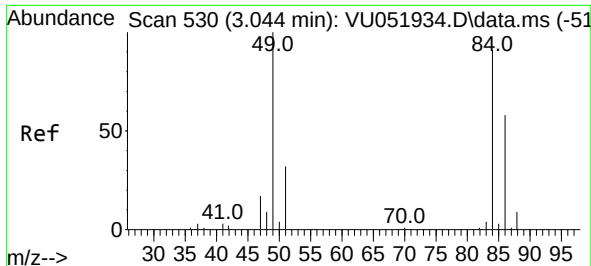
Tgt Ion:101 Resp: 1286
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#13
Acetone
Concen: 113.189 ug/L
RT: 2.620 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU051946.D
Acq: 19 Nov 2022 11:12

Tgt Ion: 43 Resp: 308992
Ion Ratio Lower Upper
43 100
58 37.0 0.0 76.0

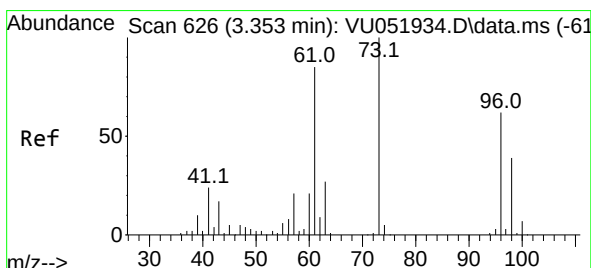
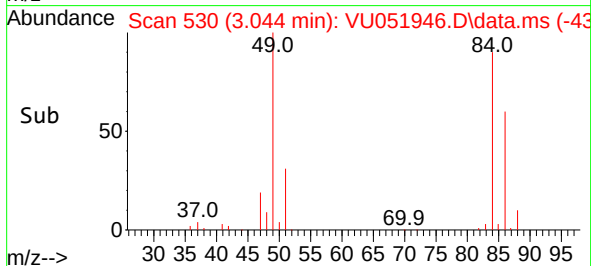
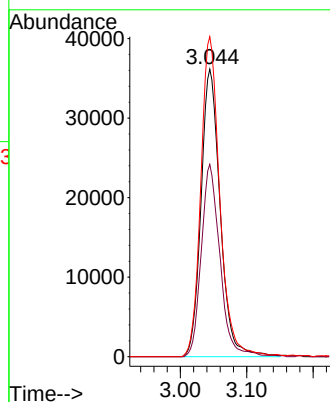
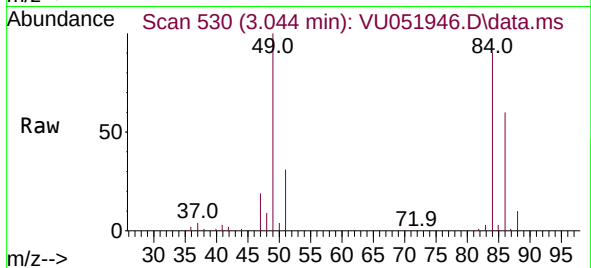




#16
Methylene chloride
Concen: 3.242 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051946.D
Acq: 19 Nov 2022 11:12

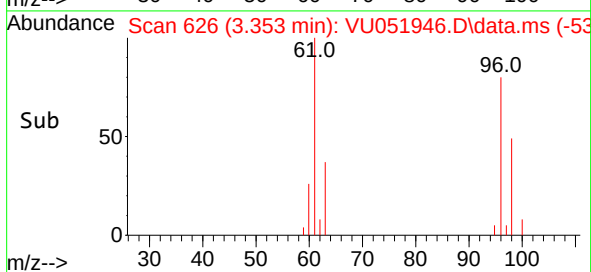
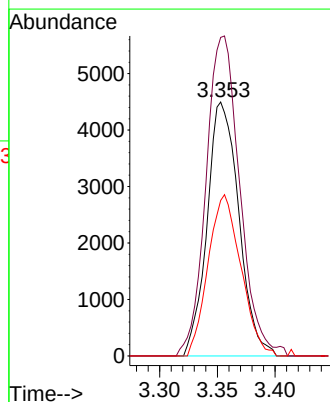
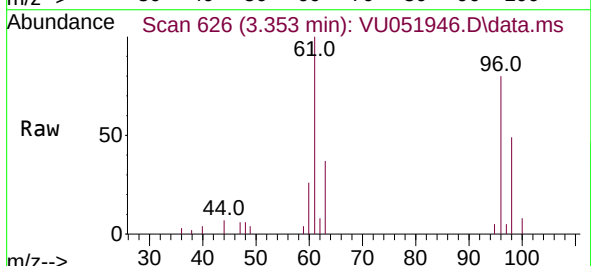
Instrument :
MSVOA_U
ClientSampleId :
GBN84

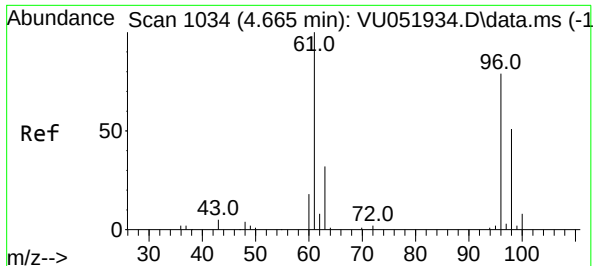
Tgt Ion: 84 Resp: 72550
Ion Ratio Lower Upper
84 100
86 66.9 43.8 81.4
49 111.3 75.9 141.1



#18
trans-1,2-Dichloroethene
Concen: 0.485 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU051946.D
Acq: 19 Nov 2022 11:12

Tgt Ion: 96 Resp: 8604
Ion Ratio Lower Upper
96 100
61 125.4 97.9 181.7
98 61.3 43.8 81.3





#22

cis-1,2-Dichloroethene

Concen: 24.156 ug/L

RT: 4.665 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VU051946.D

Acq: 19 Nov 2022 11:12

Instrument :

MSVOA_U

ClientSampleId :

GBN84

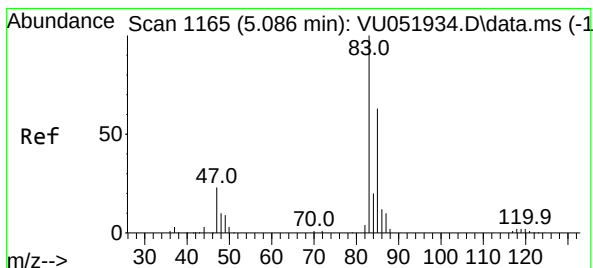
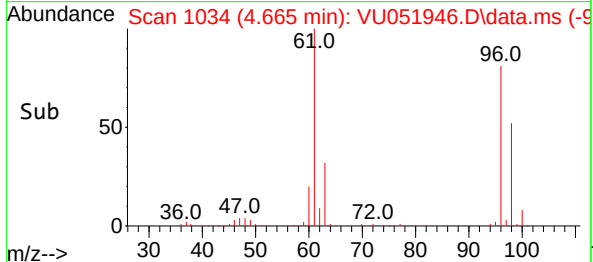
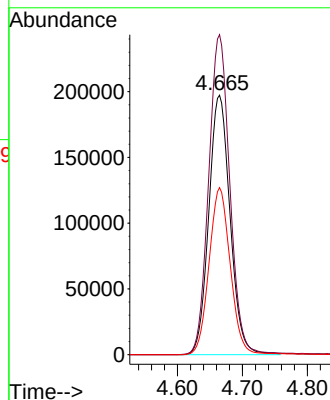
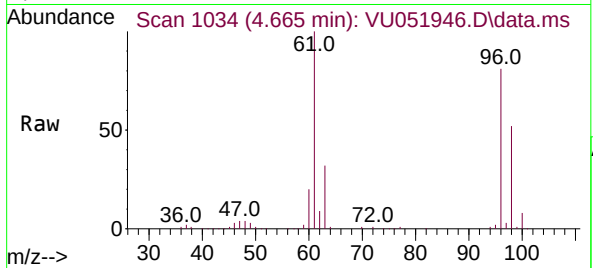
Tgt Ion: 96 Resp: 449486

Ion Ratio Lower Upper

96 100

61 123.3 85.1 158.1

98 64.4 42.8 79.6



#25

Chloroform

Concen: 0.784 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU051946.D

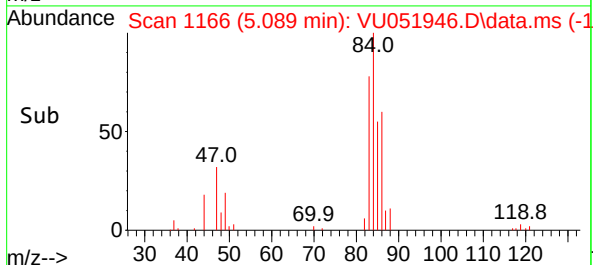
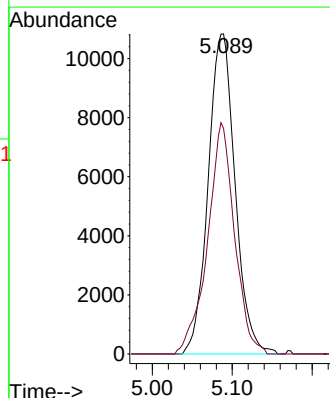
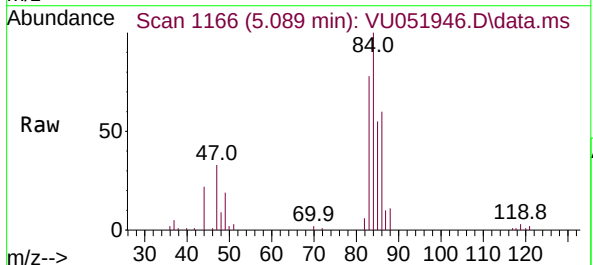
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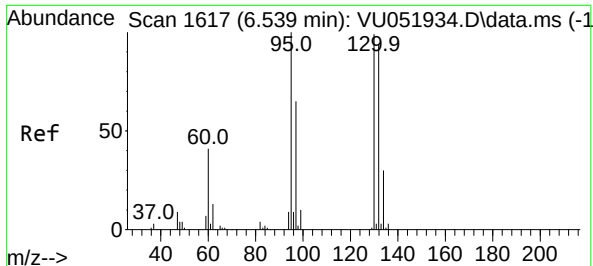
Tgt Ion: 83 Resp: 25372

Ion Ratio Lower Upper

83 100

85 70.5 43.8 81.4

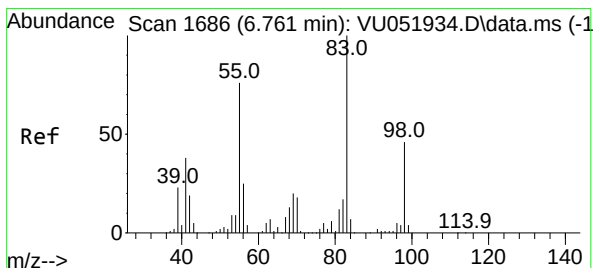
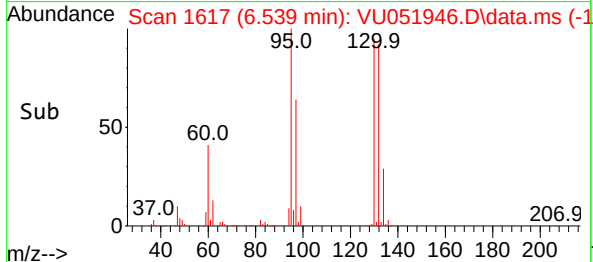
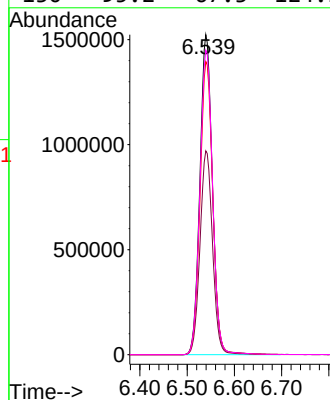
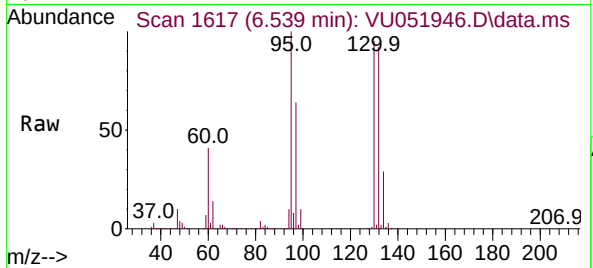




#34
Trichloroethene
Concen: 148.275 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051946.D
Acq: 19 Nov 2022 11:12

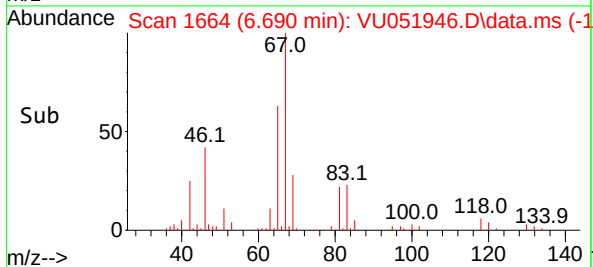
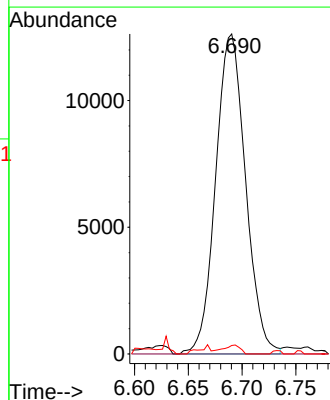
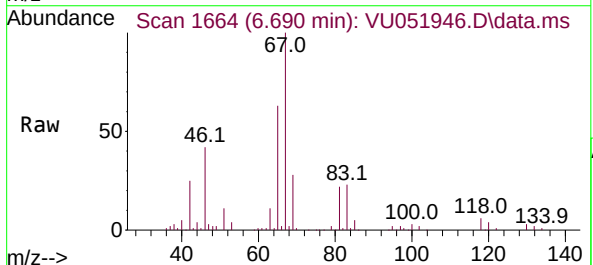
Instrument :
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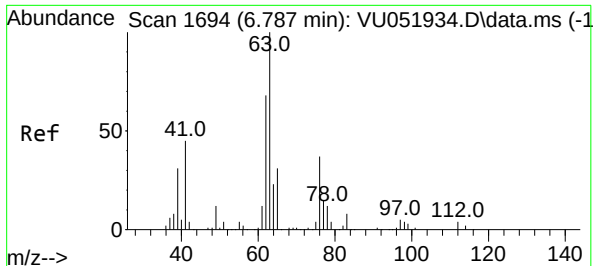
Tgt Ion: 95 Resp: 2808109
Ion Ratio Lower Upper
95 100
97 63.7 43.7 81.1
132 91.6 64.3 119.3
130 95.2 67.3 124.9



#35
Methylcyclohexane
Concen: 0.897 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051946.D
Acq: 19 Nov 2022 11:12

Tgt Ion: 83 Resp: 24431
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 0.0 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.592 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU051946.D

Acq: 19 Nov 2022 11:12

Instrument :

MSVOA_U

ClientSampleId :

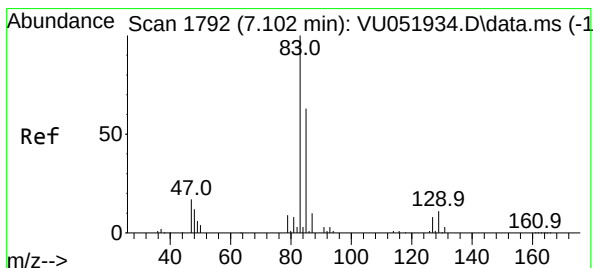
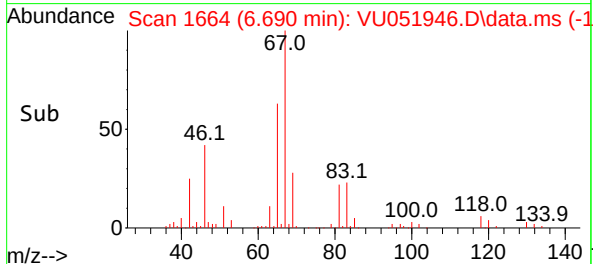
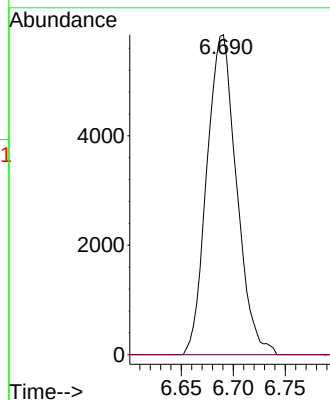
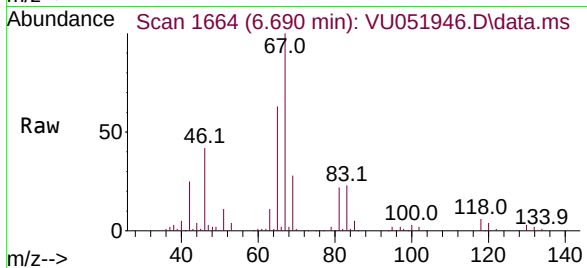
GBN84

Tgt Ion: 63 Resp: 11645

Ion Ratio Lower Upper

63 100

112 0.9 3.3 4.9#



#38

Bromodichloromethane

Concen: 0.219 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.003 min

Lab File: VU051946.D

Acq: 19 Nov 2022 11:12

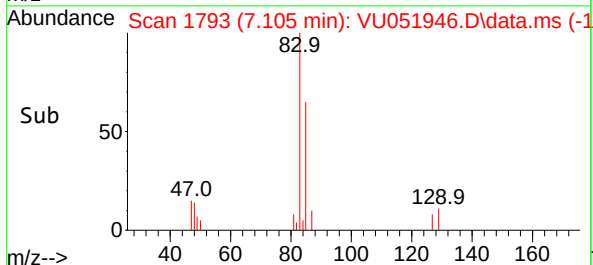
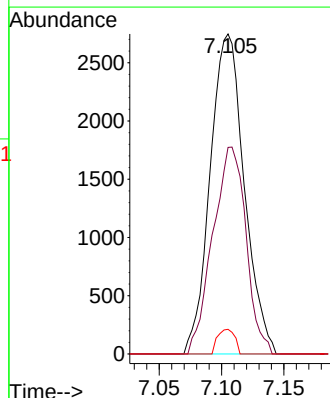
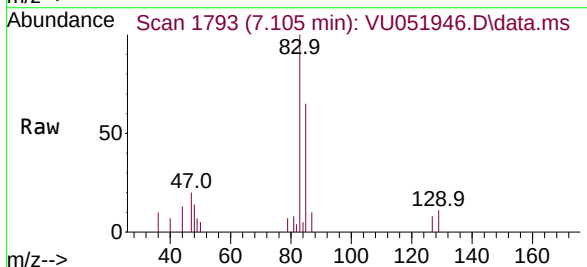
Tgt Ion: 83 Resp: 5241

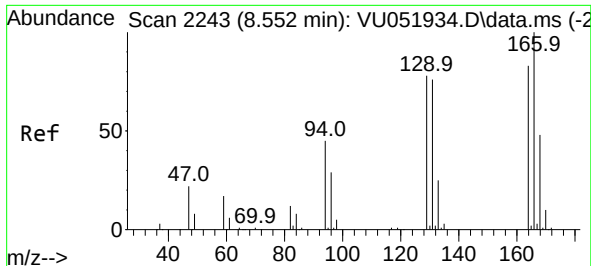
Ion Ratio Lower Upper

83 100

85 64.5 43.5 80.9

127 7.7 6.8 10.2





#47

Tetrachloroethene

Concen: 0.357 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051946.D

Acq: 19 Nov 2022 11:12

Instrument :

MSVOA_U

ClientSampleId :

GBN84

Tgt Ion:164 Resp: 5182

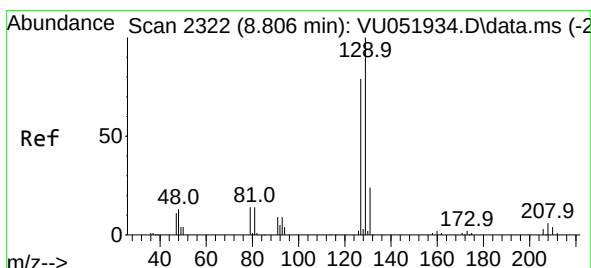
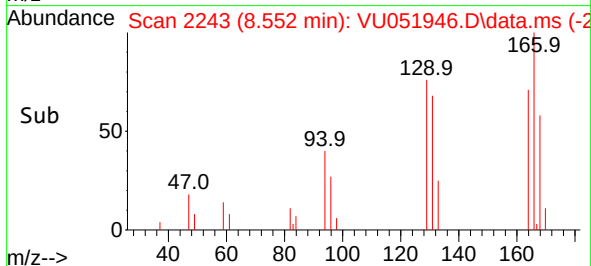
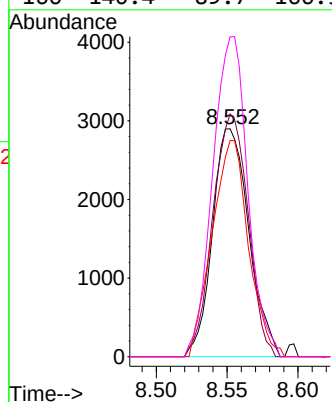
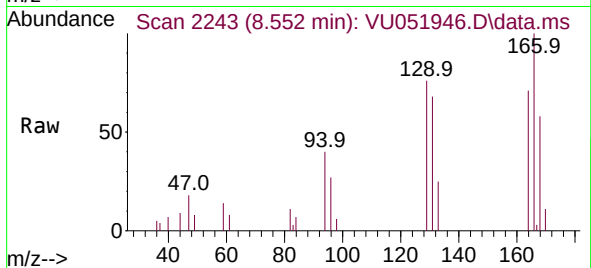
Ion Ratio Lower Upper

164 100

129 106.5 67.4 125.2

131 94.9 67.1 124.7

166 140.4 89.7 166.5



#49

Dibromochloromethane

Concen: 0.323 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.254 min

Lab File: VU051946.D

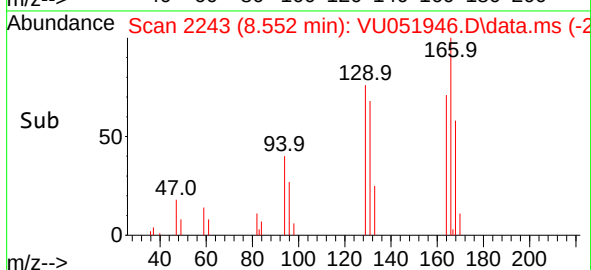
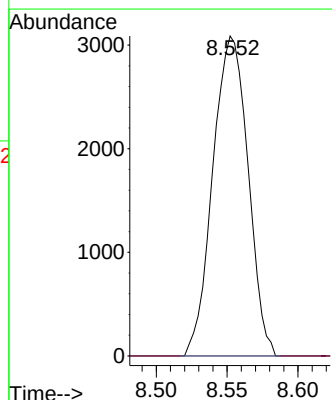
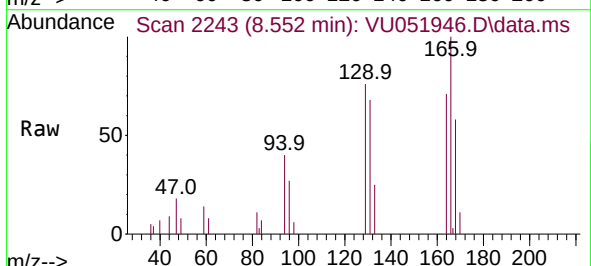
Acq: 19 Nov 2022 11:12

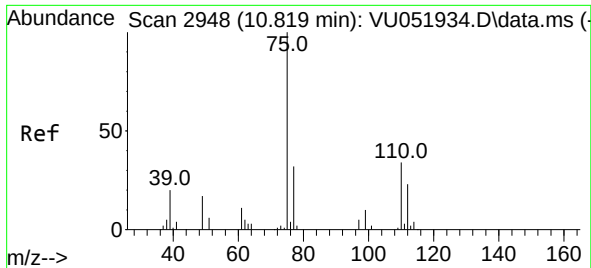
Tgt Ion:129 Resp: 5344

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.068 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU051946.D
 Acq: 19 Nov 2022 11:12

Instrument :
 MSVOA_U
 ClientSampleId :
 GBN84

Tgt Ion: 75 Resp: 10649
 Ion Ratio Lower Upper
 75 100
 110 0.6 28.3 42.5#
 77 28.8 26.2 39.2

