

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
 Data File : VU052353.D
 Acq On : 12 Dec 2022 15:23
 Operator : JC/MD
 Sample : N5930-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ85

Quant Time: Dec 13 01:04:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 13 01:01:45 2022
 Response via : Initial Calibration

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

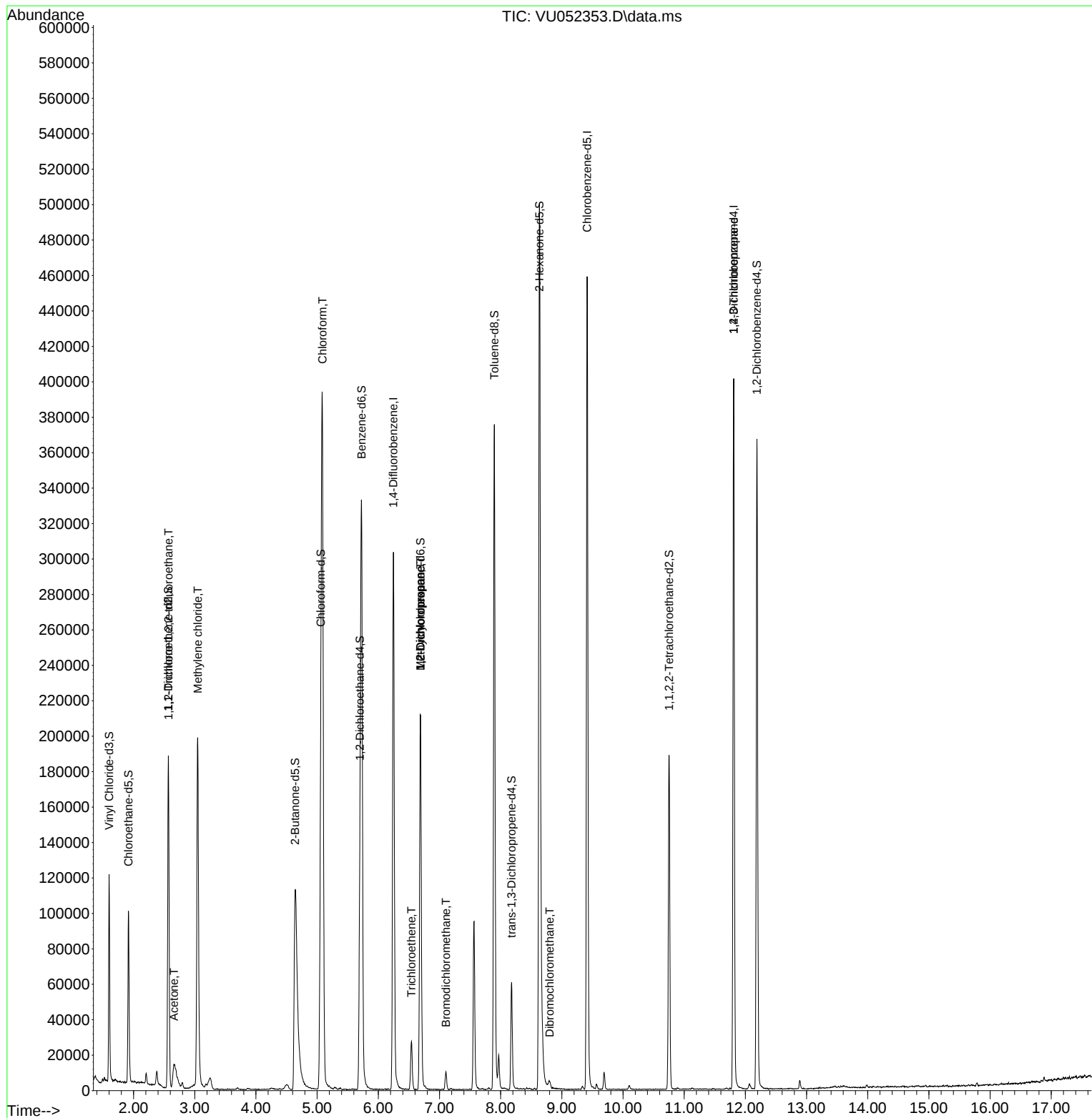
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	257166	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	269423	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	112738	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	86961	3.476	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.916	69	75051	3.863	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.568	65	34648	3.864	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	4.642	46	255888	56.435	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.860%
24) Chloroform-d	5.060	84	176036	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.700	65	85521	4.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.726	84	333577	4.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.687	67	109189	4.411	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.896	98	265930	3.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	8.179	79	35512	3.937	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.632	63	177224	46.360	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.720%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	98705	4.599	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	103084	4.776	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1045	0.056	ug/L #	20
13) Acetone	2.661	43	37523	12.187	ug/L	60
16) Methylene chloride	3.047	84	105782	4.191	ug/L	98
25) Chloroform	5.086	83	318150	8.711	ug/L	97
34) Trichloroethene	6.542	95	9399	0.430	ug/L	94
35) Methylcyclohexane	6.690	83	24656	0.784	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	10410	0.459	ug/L #	88
38) Bromodichloromethane	7.105	83	6958	0.251	ug/L #	94
49) Dibromochloromethane	8.803	129	1105	0.058	ug/L	96
61) 1,2,3-Trichloropropane	11.809	75	12757	0.989	ug/L #	70

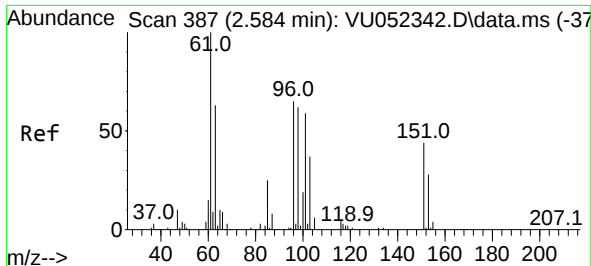
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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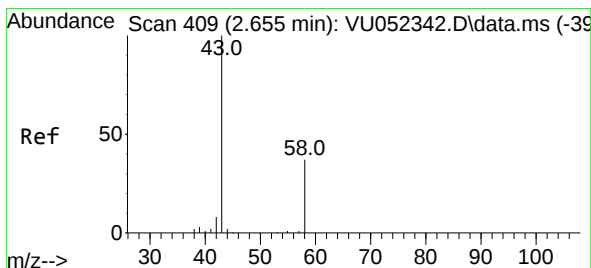
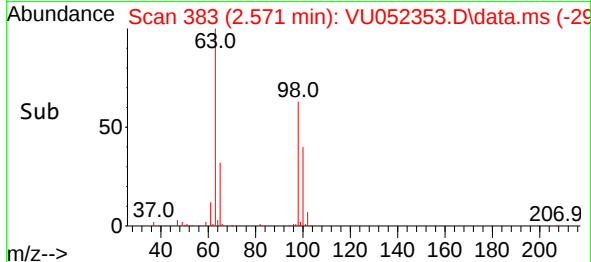
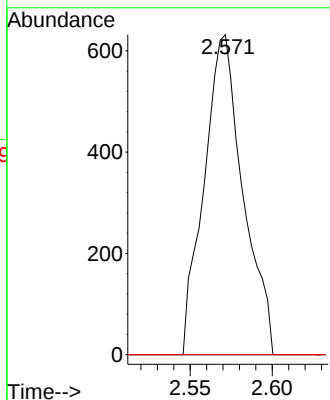
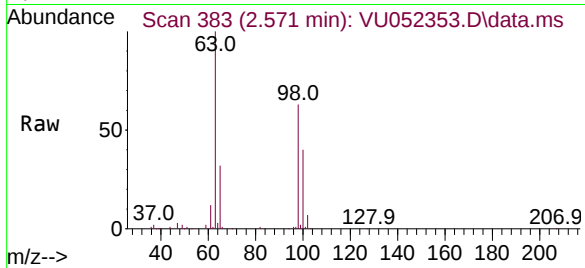




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.056 ug/L
RT: 2.571 min Scan# 387
Delta R.T. -0.013 min
Lab File: VU052353.D
Acq: 12 Dec 2022 15:23

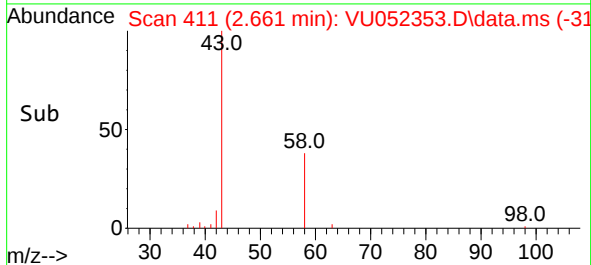
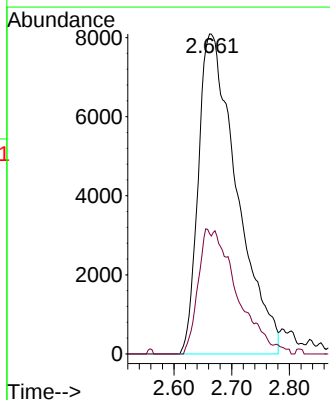
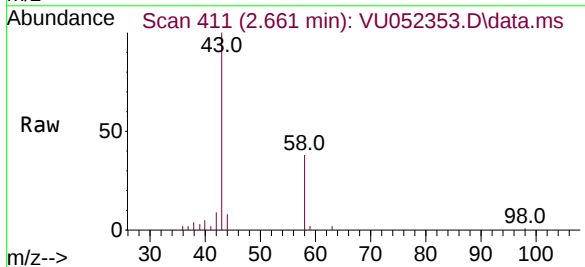
Instrument :
MSVOA_U
ClientSampleId :
EXZ85

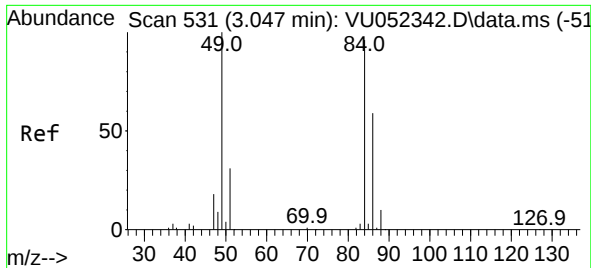
Tgt Ion:101 Resp: 1045
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#13
Acetone
Concen: 12.187 ug/L
RT: 2.661 min Scan# 411
Delta R.T. 0.006 min
Lab File: VU052353.D
Acq: 12 Dec 2022 15:23

Tgt Ion: 43 Resp: 37523
Ion Ratio Lower Upper
43 100
58 13.7 0.0 76.0

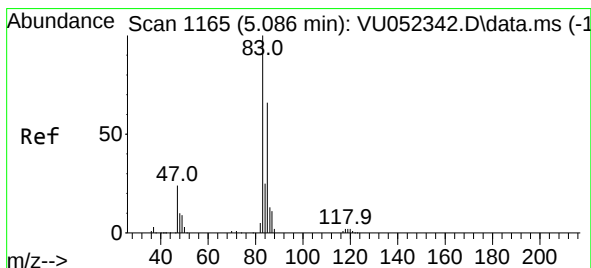
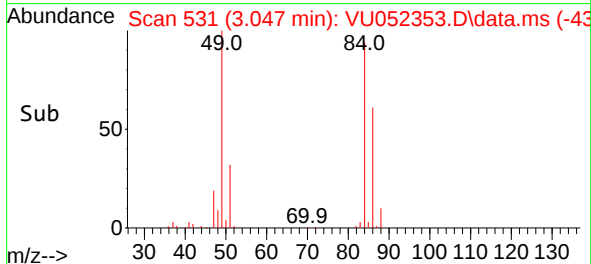
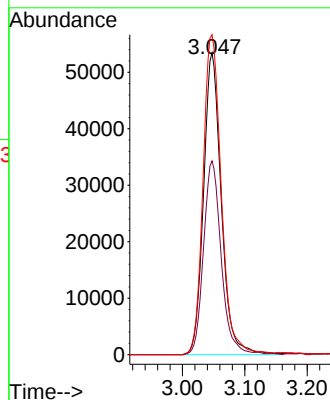
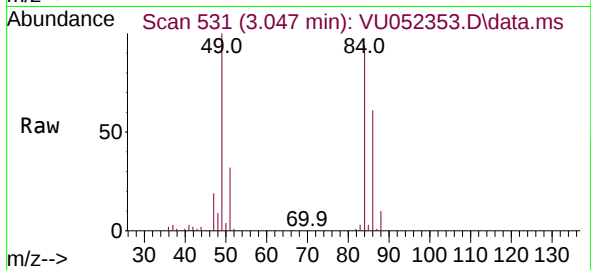




#16
Methylene chloride
Concen: 4.191 ug/L
RT: 3.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052353.D
Acq: 12 Dec 2022 15:23

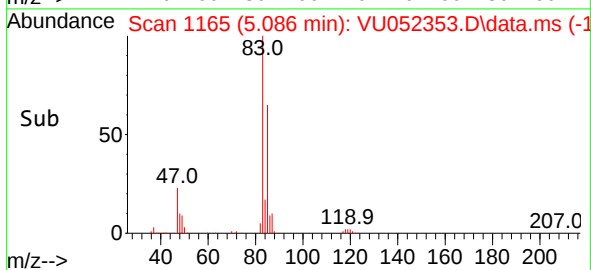
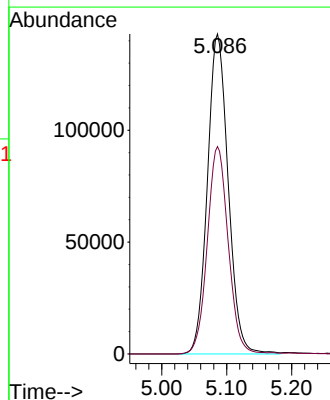
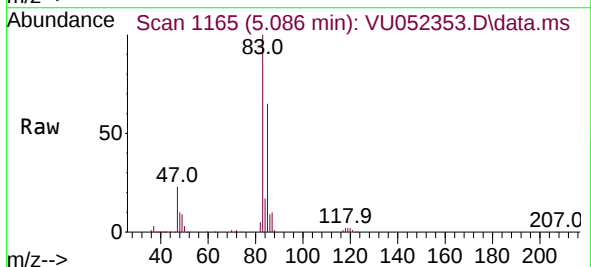
Instrument :
MSVOA_U
ClientSampleId :
EXZ85

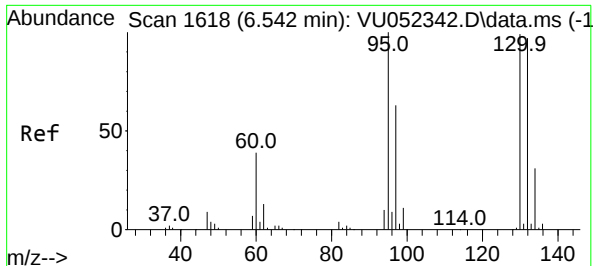
Tgt Ion: 84 Resp: 105782
Ion Ratio Lower Upper
84 100
86 64.2 43.8 81.4
49 106.0 75.9 141.1



#25
Chloroform
Concen: 8.711 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VU052353.D
Acq: 12 Dec 2022 15:23

Tgt Ion: 83 Resp: 318150
Ion Ratio Lower Upper
83 100
85 64.8 43.8 81.4



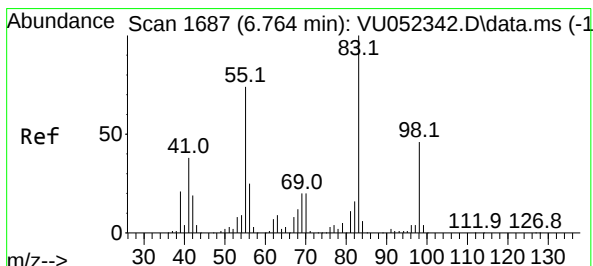
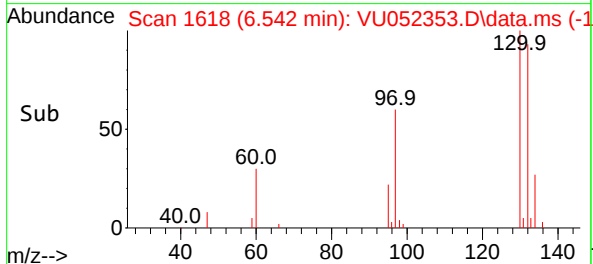
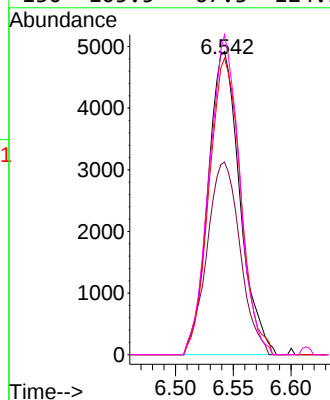
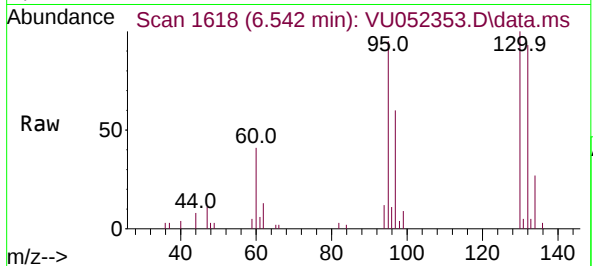


#34
Trichloroethene
Concen: 0.430 ug/L
RT: 6.542 min Scan# 1664
Delta R.T. -0.000 min
Lab File: VU052353.D
Acq: 12 Dec 2022 15:23

Instrument :
MSVOA_U
ClientSampleId :
EXZ85

Tgt Ion: 95 Resp: 9399

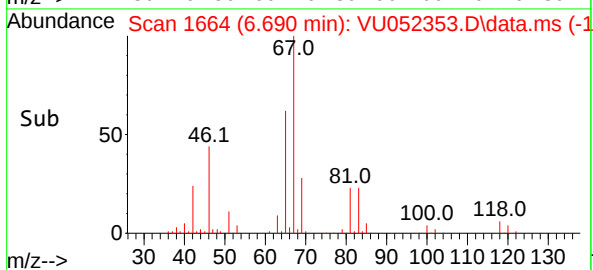
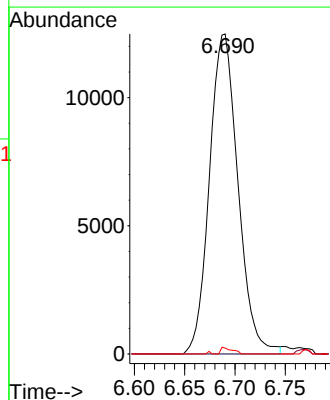
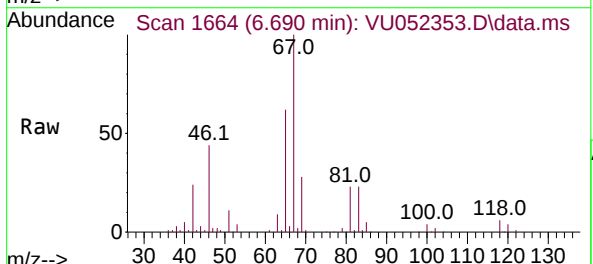
Ion	Ratio	Lower	Upper
95	100		
97	63.6	43.7	81.1
132	97.8	64.3	119.3
130	105.5	67.3	124.9

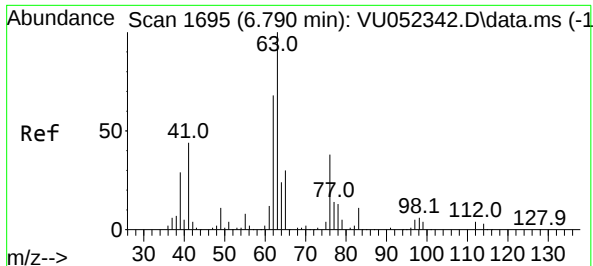


#35
Methylcyclohexane
Concen: 0.784 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU052353.D
Acq: 12 Dec 2022 15:23

Tgt Ion: 83 Resp: 24656

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.8	91.2#
98	0.8	35.1	52.7#





#37

1,2-Dichloropropane

Concen: 0.459 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU052353.D

Acq: 12 Dec 2022 15:23

Instrument :

MSVOA_U

ClientSampleId :

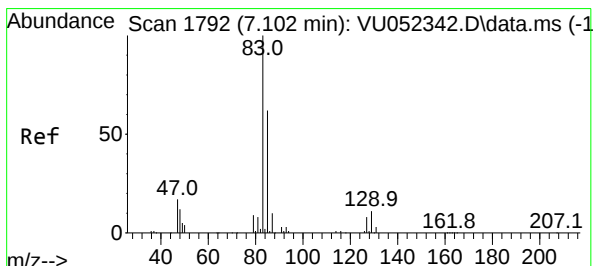
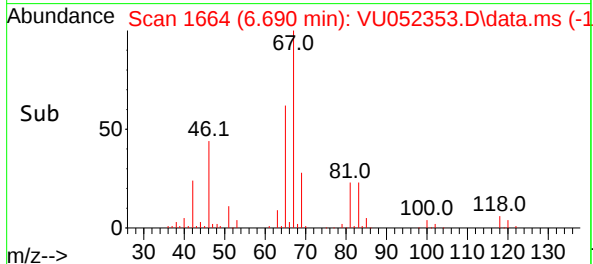
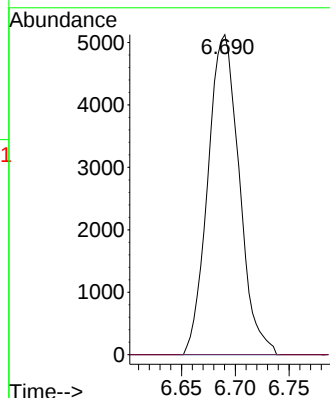
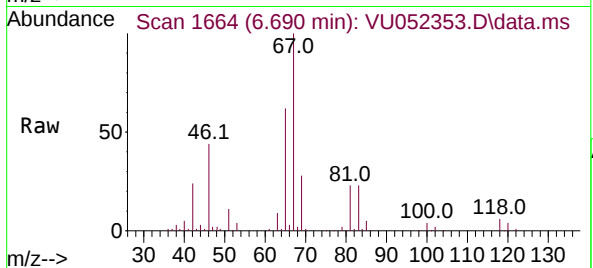
EXZ85

Tgt Ion: 63 Resp: 10410

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#38

Bromodichloromethane

Concen: 0.251 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.003 min

Lab File: VU052353.D

Acq: 12 Dec 2022 15:23

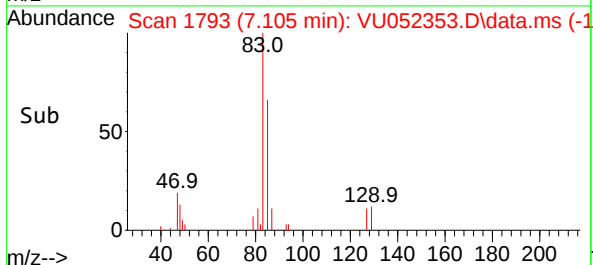
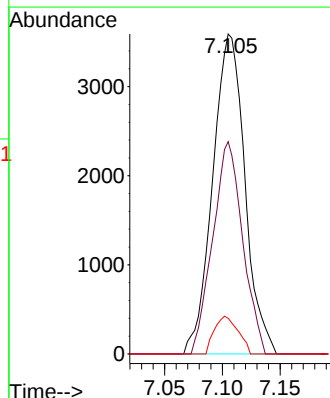
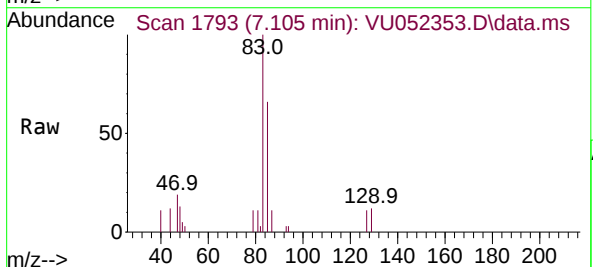
Tgt Ion: 83 Resp: 6958

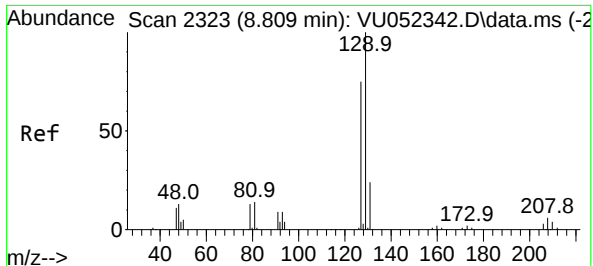
Ion Ratio Lower Upper

83 100

85 66.4 43.5 80.9

127 11.2 6.8 10.2#





#49

Dibromochloromethane

Concen: 0.058 ug/L

RT: 8.803 min Scan# 21

Delta R.T. -0.007 min

Lab File: VU052353.D

Acq: 12 Dec 2022 15:23

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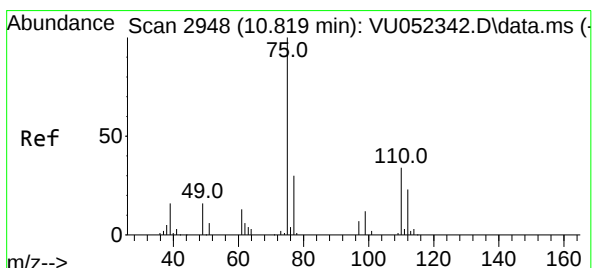
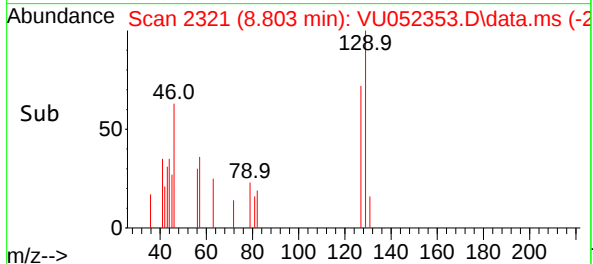
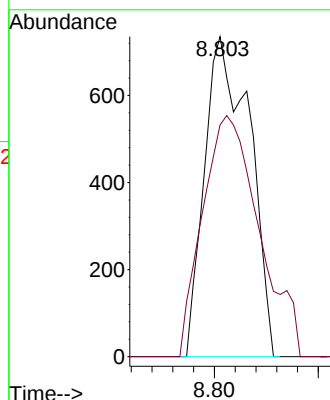
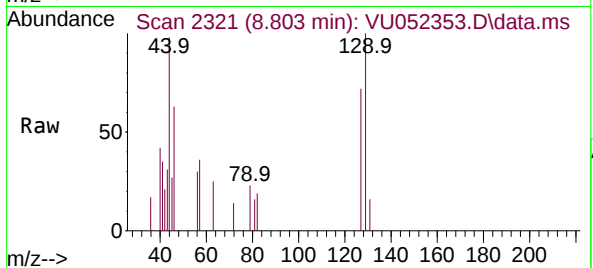
EXZ85

Tgt Ion:129 Resp: 1105

Ion Ratio Lower Upper

129 100

127 72.4 52.8 98.2



#61

1,2,3-Trichloropropane

Concen: 0.989 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU052353.D

Acq: 12 Dec 2022 15:23

Tgt Ion: 75 Resp: 12757

Ion Ratio Lower Upper

75 100

110 2.3 28.3 42.5#

77 33.0 26.2 39.2

