

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
 Data File : VU052198.D
 Acq On : 07 Dec 2022 15:20
 Operator : JC/MD
 Sample : N5930-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ84

Quant Time: Dec 08 02:00:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 01:59:42 2022
 Response via : Initial Calibration

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

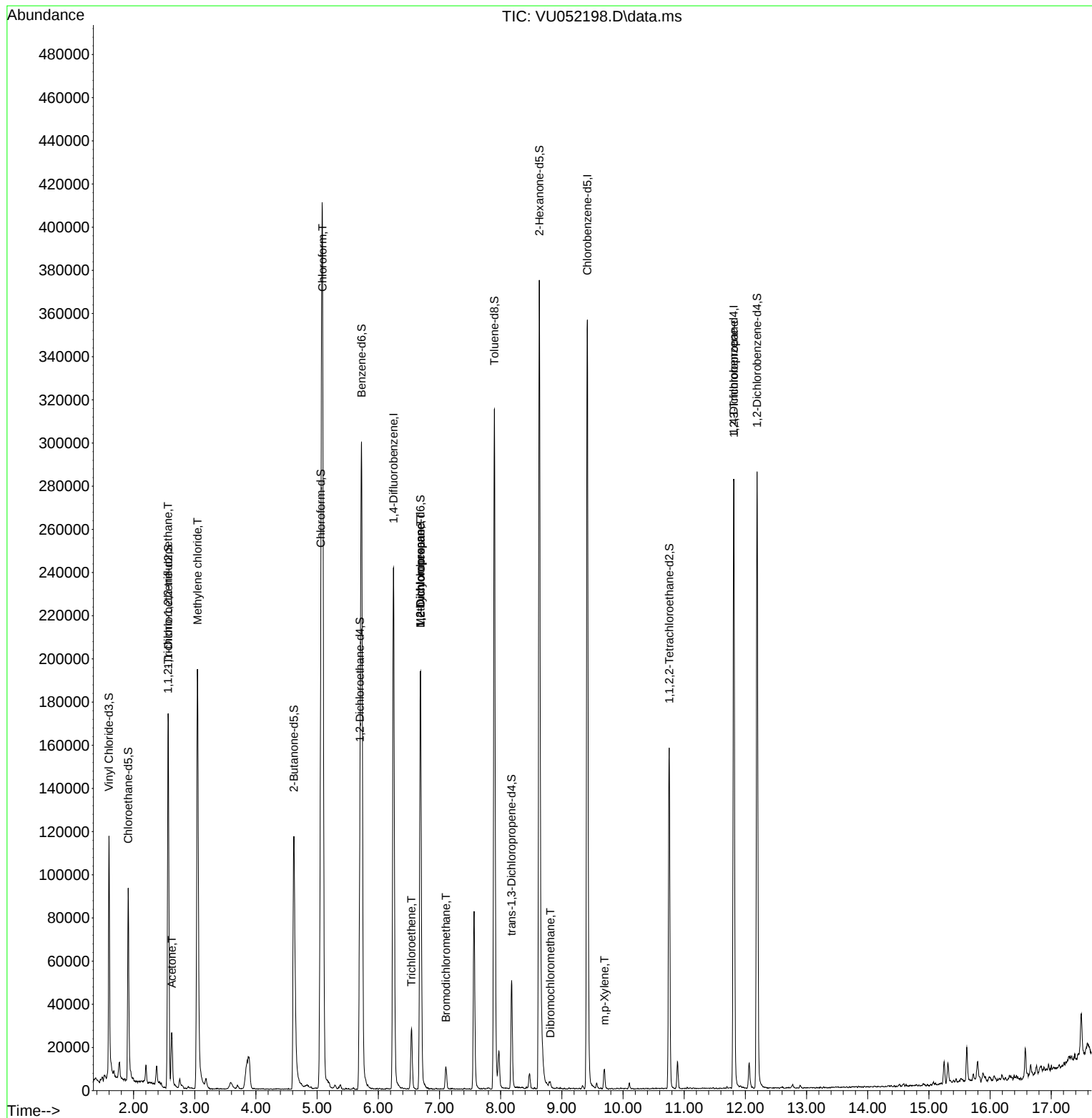
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	209462	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	216163	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	81217	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	87540	4.297	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.912	69	76115	4.810	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.565	65	32346	4.429	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.620	46	167896	45.462	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.920%
24) Chloroform-d	5.060	84	167050	5.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.600%
26) 1,2-Dichloroethane-d4	5.700	65	74617	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.726	84	299325	4.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.690	67	98455	4.957	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.896	98	227615	3.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	8.179	79	30400	4.200	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.632	63	125962	41.069	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.140%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	81553	4.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	80695	5.190	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	963	0.063	ug/L #	20
13) Acetone	2.623	43	28641	11.421	ug/L	99
16) Methylene chloride	3.044	84	107823	5.245	ug/L	97
25) Chloroform	5.086	83	335273	11.271	ug/L	97
34) Trichloroethene	6.539	95	9607	0.548	ug/L	96
35) Methylcyclohexane	6.687	83	22164	0.878	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	9932	0.545	ug/L #	89
38) Bromodichloromethane	7.105	83	7212	0.325	ug/L #	98
49) Dibromochloromethane	8.813	129	1293	0.084	ug/L	90
53) m,p-Xylene	9.697	106	2583	0.095	ug/L	95
61) 1,2,3-Trichloropropane	11.812	75	9192	0.989	ug/L #	64

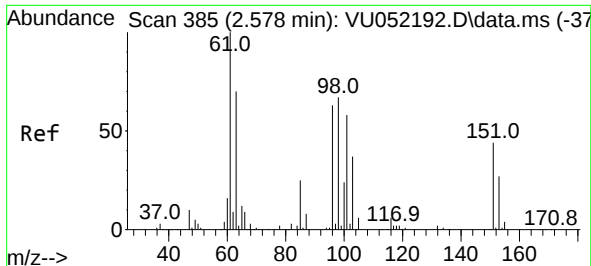
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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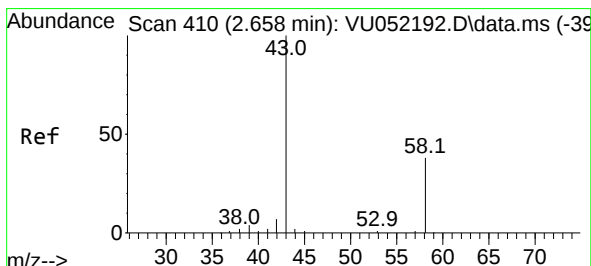
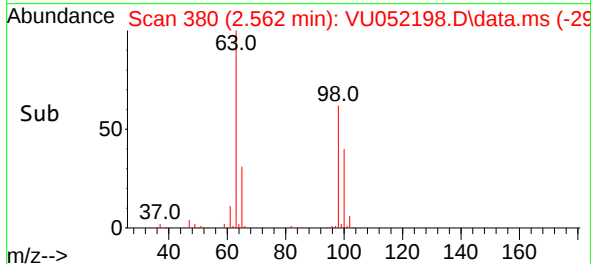
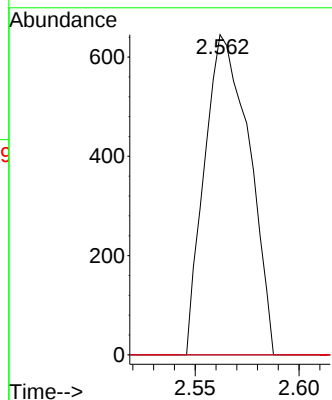
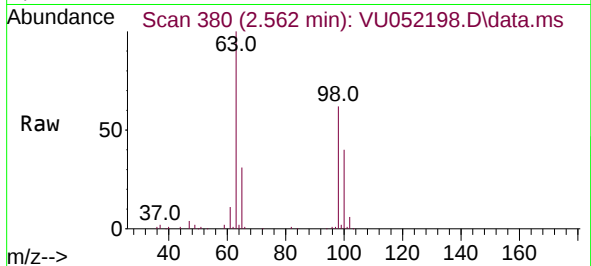




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.063 ug/L
 RT: 2.562 min Scan# 310
 Delta R.T. -0.016 min
 Lab File: VU052198.D
 Acq: 07 Dec 2022 15:20

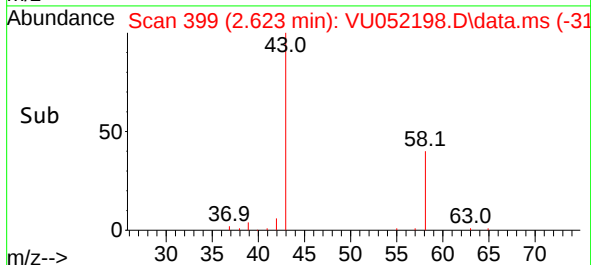
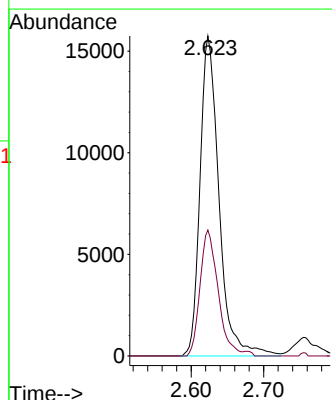
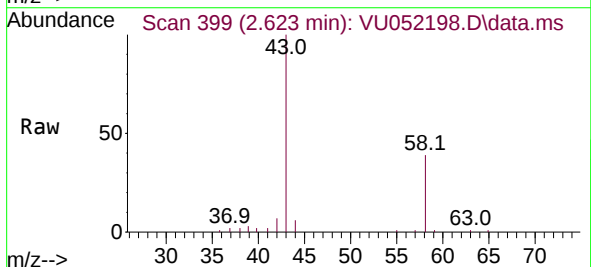
Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ84

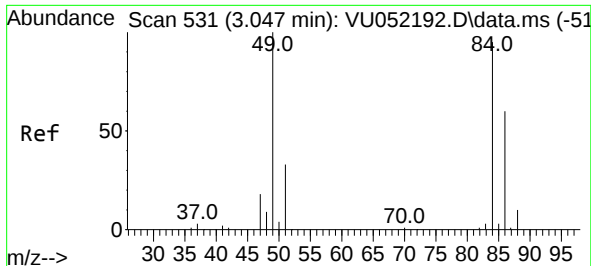
Tgt Ion:101 Resp: 963
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 58.6 88.0#



#13
 Acetone
 Concen: 11.421 ug/L
 RT: 2.623 min Scan# 399
 Delta R.T. -0.035 min
 Lab File: VU052198.D
 Acq: 07 Dec 2022 15:20

Tgt Ion: 43 Resp: 28641
 Ion Ratio Lower Upper
 43 100
 58 37.3 0.0 76.0

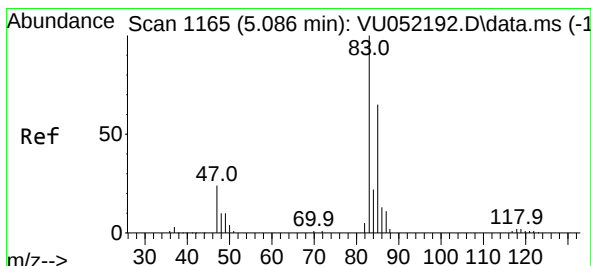
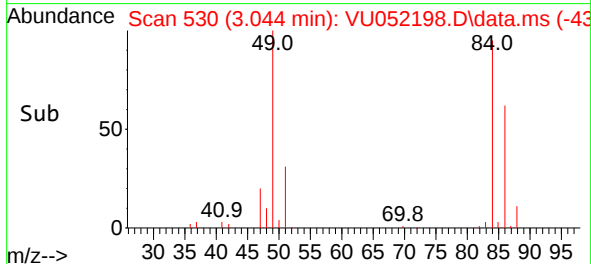
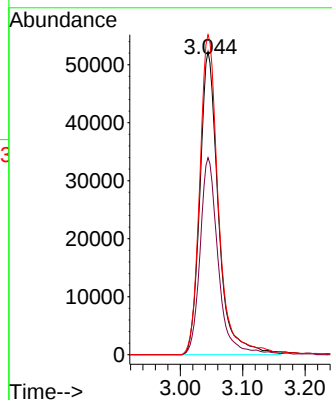
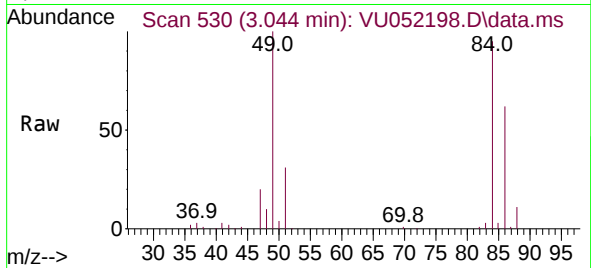




#16
Methylene chloride
Concen: 5.245 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU052198.D
Acq: 07 Dec 2022 15:20

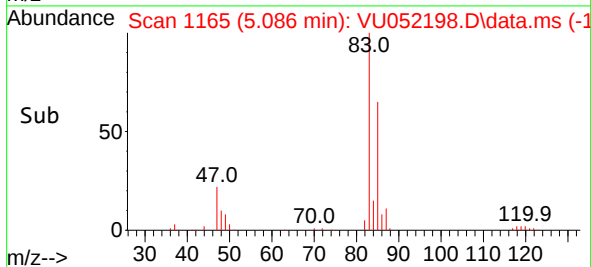
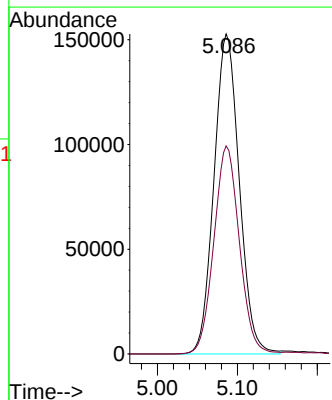
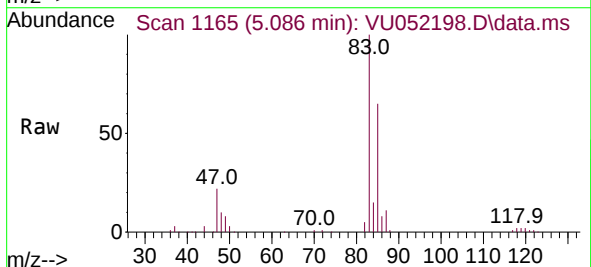
Instrument :
MSVOA_U
ClientSampleId :
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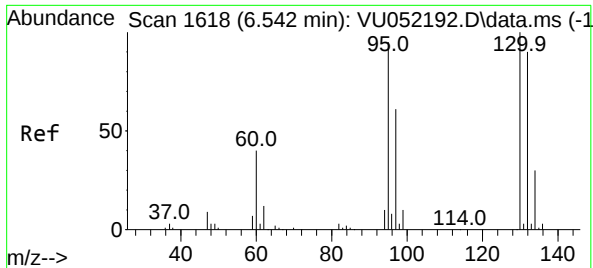
Tgt Ion: 84 Resp: 107823
Ion Ratio Lower Upper
84 100
86 65.0 43.8 81.4
49 105.6 75.9 141.1



#25
Chloroform
Concen: 11.271 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU052198.D
Acq: 07 Dec 2022 15:20

Tgt Ion: 83 Resp: 335273
Ion Ratio Lower Upper
83 100
85 65.0 43.8 81.4

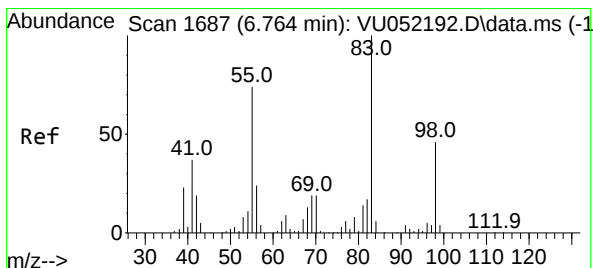
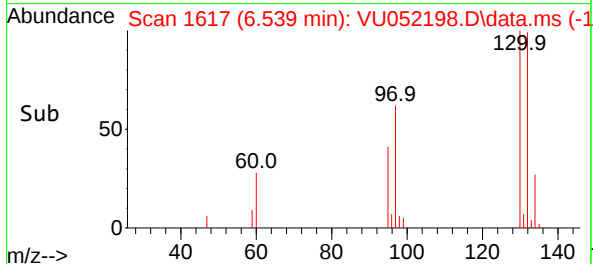
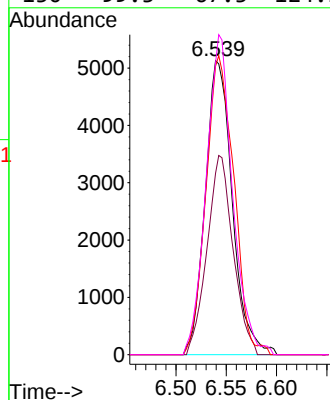
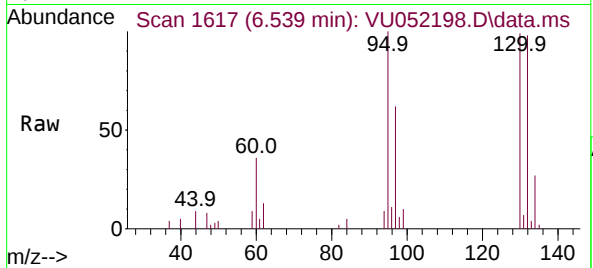




#34
Trichloroethene
Concen: 0.548 ug/L
RT: 6.539 min Scan# 1663
Delta R.T. -0.003 min
Lab File: VU052198.D
Acq: 07 Dec 2022 15:20

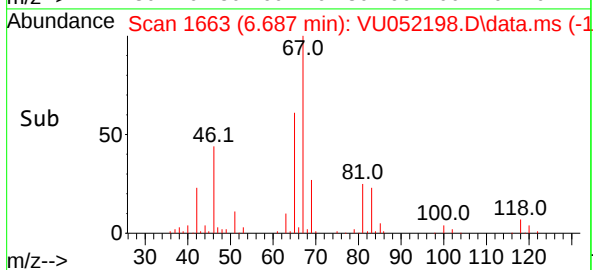
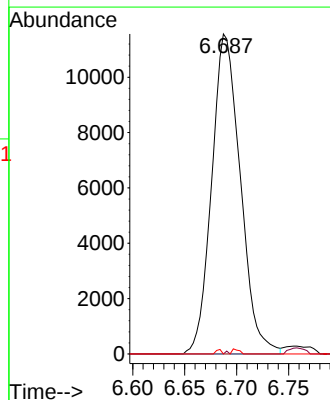
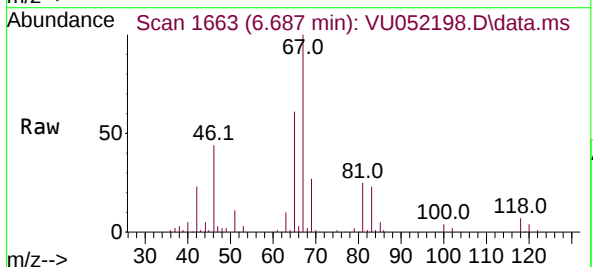
Instrument :
MSVOA_U
ClientSampleId :
EXZ84

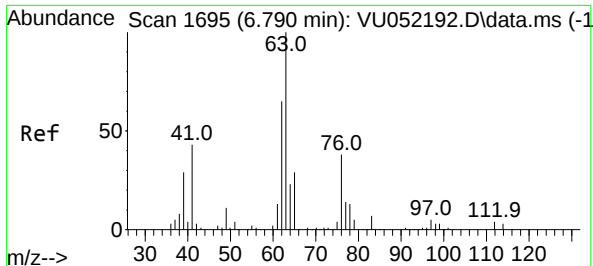
Tgt Ion: 95 Resp: 9607
Ion Ratio Lower Upper
95 100
97 61.7 43.7 81.1
132 98.1 64.3 119.3
130 99.3 67.3 124.9



#35
Methylcyclohexane
Concen: 0.878 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.077 min
Lab File: VU052198.D
Acq: 07 Dec 2022 15:20

Tgt Ion: 83 Resp: 22164
Ion Ratio Lower Upper
83 100
55 0.1 60.8 91.2#
98 0.2 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.545 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU052198.D

Acq: 07 Dec 2022 15:20

Instrument :

MSVOA_U

ClientSampleId :

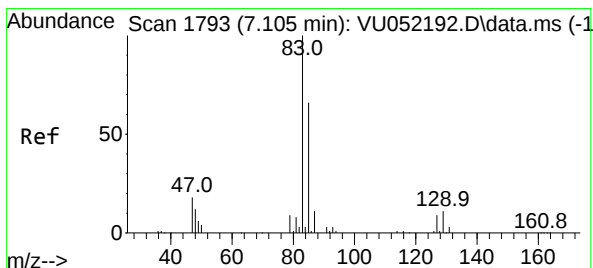
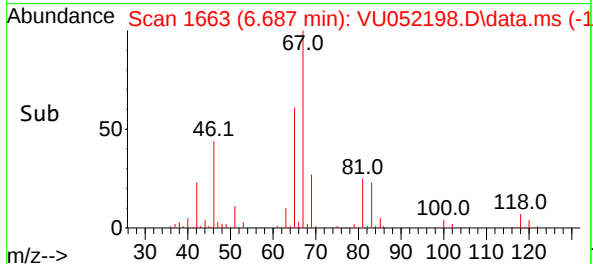
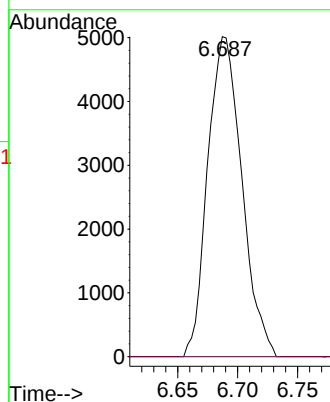
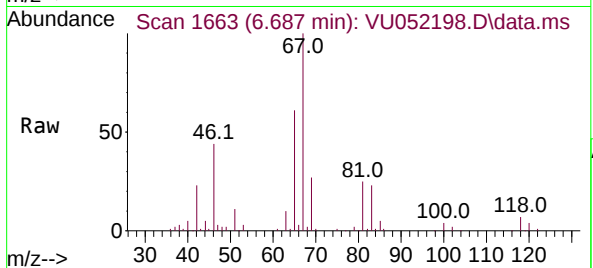
EXZ84

Tgt Ion: 63 Resp: 9932

Ion Ratio Lower Upper

63 100

112 0.5 3.3 4.9#



#38

Bromodichloromethane

Concen: 0.325 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU052198.D

Acq: 07 Dec 2022 15:20

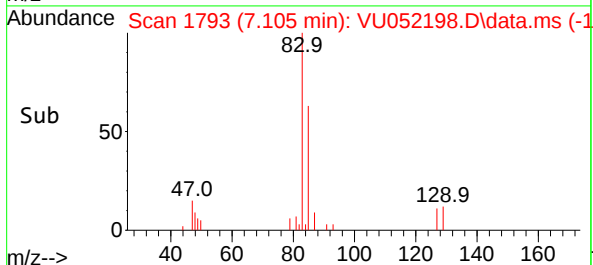
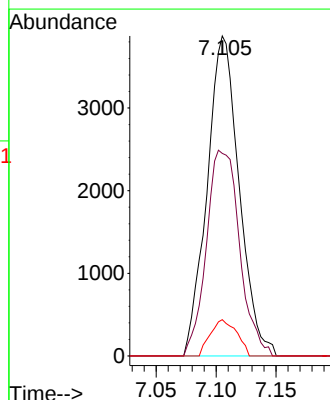
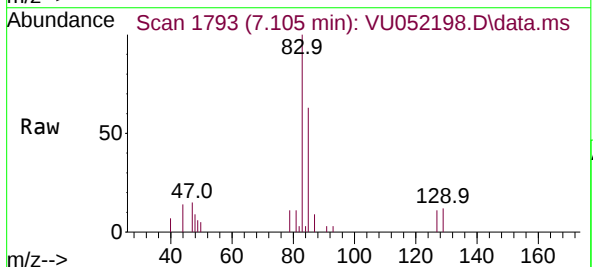
Tgt Ion: 83 Resp: 7212

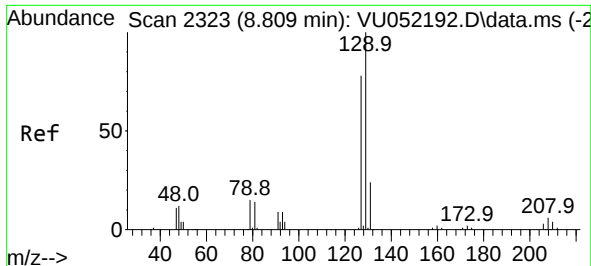
Ion Ratio Lower Upper

83 100

85 63.3 43.5 80.9

127 11.3 6.8 10.2#





#49

Dibromochloromethane

Concen: 0.084 ug/L

RT: 8.813 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052198.D

Acq: 07 Dec 2022 15:20

Instrument :

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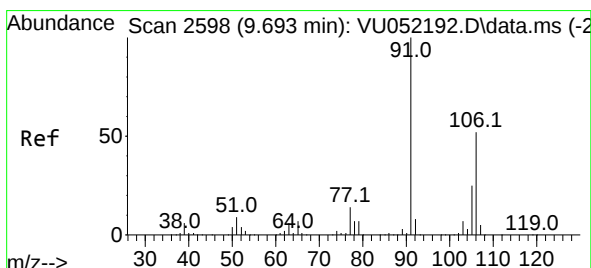
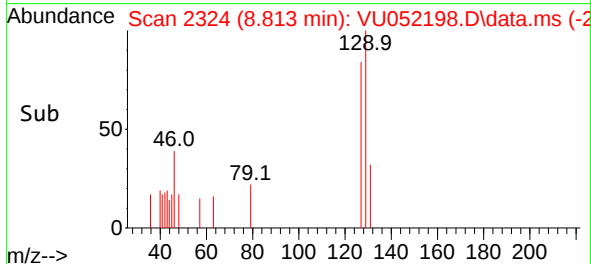
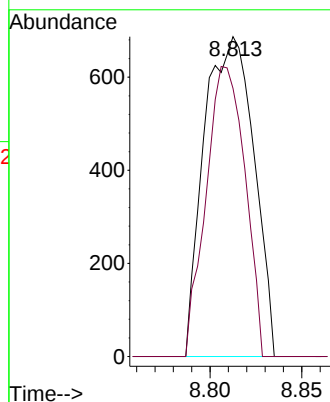
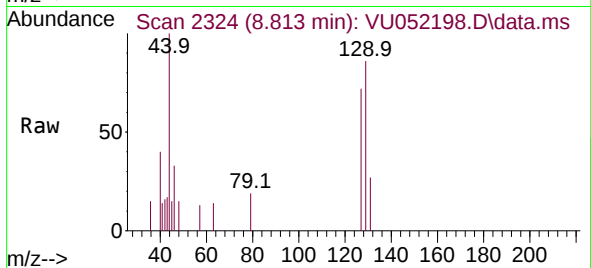
EXZ84

Tgt Ion:129 Resp: 1293

Ion Ratio Lower Upper

129 100

127 83.8 52.8 98.2



#53

m,p-Xylene

Concen: 0.095 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. 0.003 min

Lab File: VU052198.D

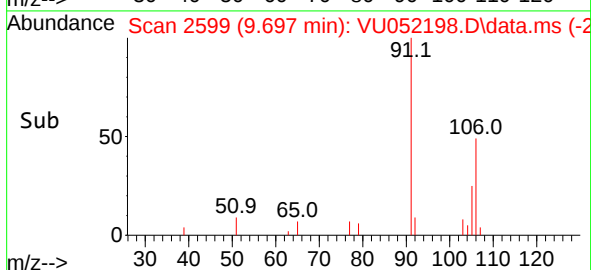
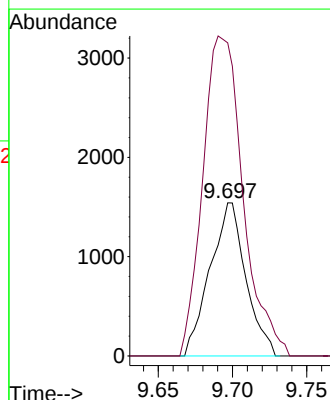
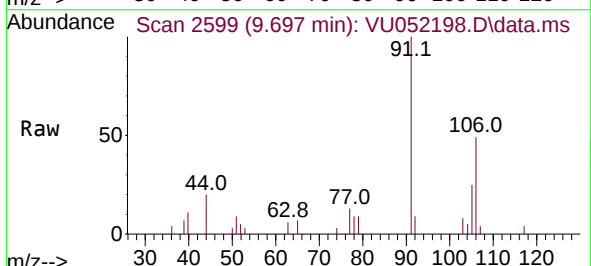
Acq: 07 Dec 2022 15:20

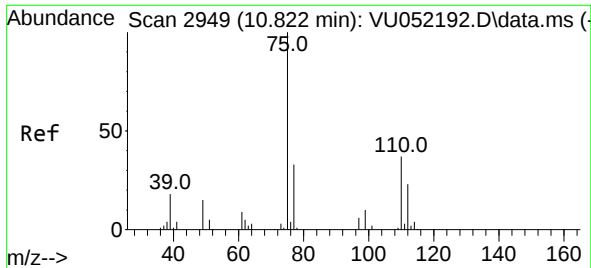
Tgt Ion:106 Resp: 2583

Ion Ratio Lower Upper

106 100

91 204.5 137.7 255.7





#61

1,2,3-Trichloropropane

Concen: 0.989 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU052198.D

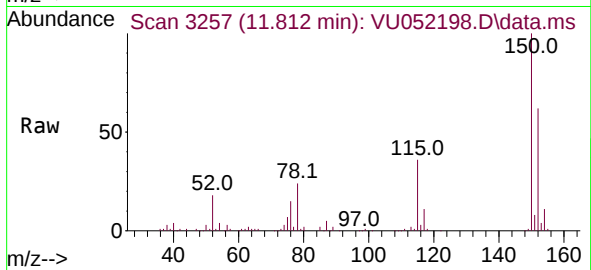
Acq: 07 Dec 2022 15:20

Instrument :

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ClientSampleId :

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Tgt Ion: 75 Resp: 9192

Ion Ratio Lower Upper

75 100

110 0.7 28.3 42.5#

77 27.3 26.2 39.2

