

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
 Data File : VU052355.D
 Acq On : 12 Dec 2022 16:10
 Operator : JC/MD
 Sample : N5930-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZA0

Quant Time: Dec 13 01:04:59 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)

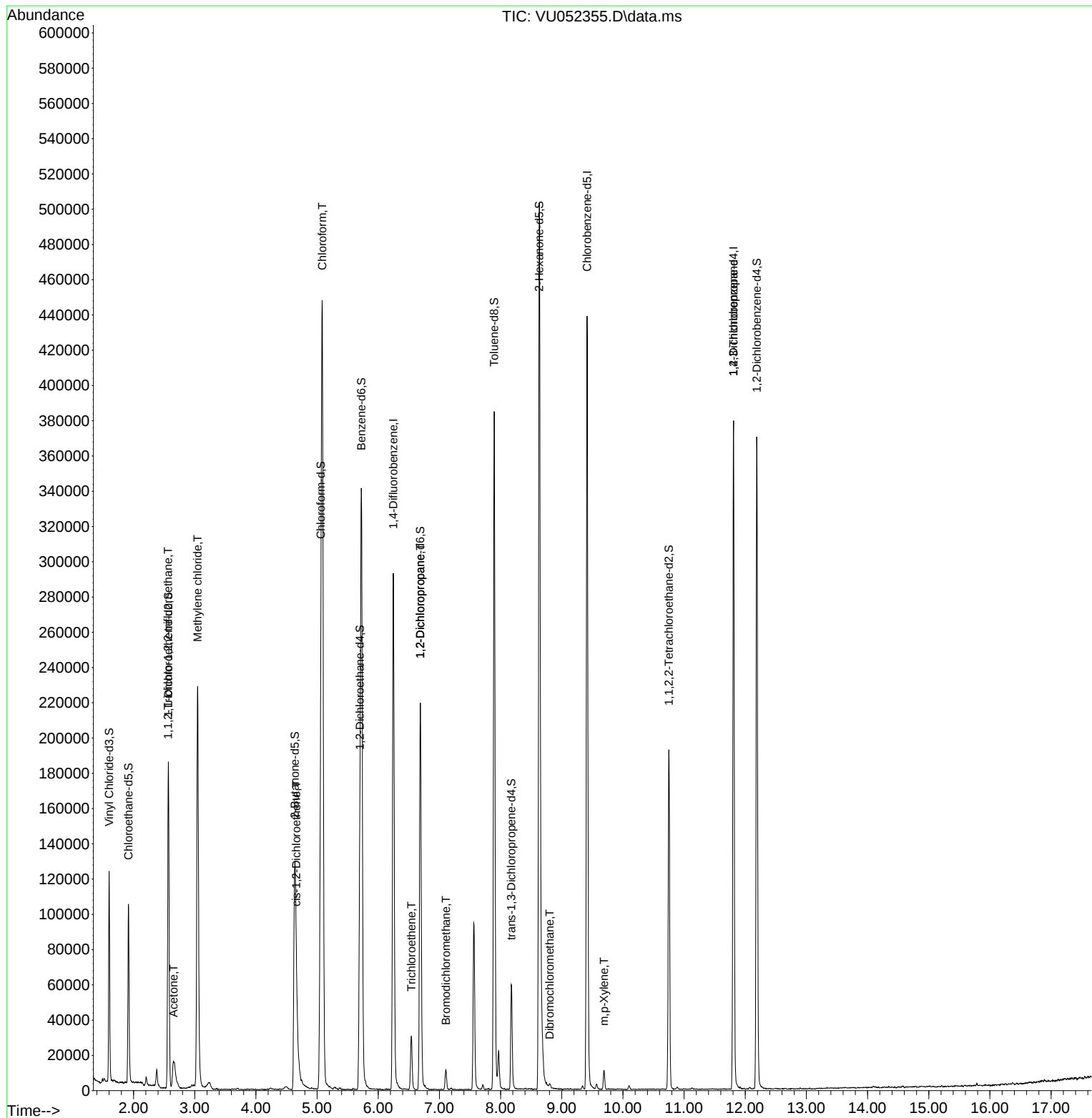
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	250936	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	258070	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	106379	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	88025	3.606	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.915	69	78314	4.131	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.568	65	34770	3.974	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	4.636	46	250115	56.531	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.060%
24) Chloroform-d	5.063	84	181003	5.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.700	65	88226	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.726	84	340037	4.438	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.687	67	112900	4.762	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.896	98	271872	3.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	8.176	79	35919	4.157	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.632	63	172823	47.197	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.400%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	100304	4.879	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	103027	5.059	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	913	0.050	ug/L #	20
13) Acetone	2.652	43	14749	4.909	ug/L #	16
16) Methylene chloride	3.047	84	121968	4.953	ug/L	99
22) cis-1,2-Dichloroethene	4.661	96	1124	0.055	ug/L	94
25) Chloroform	5.086	83	364814	10.237	ug/L	95
34) Trichloroethene	6.542	95	10964	0.523	ug/L	97
37) 1,2-Dichloropropane	6.687	63	10917	0.502	ug/L #	88
38) Bromodichloromethane	7.105	83	7667	0.289	ug/L	91
49) Dibromochloromethane	8.803	129	1335	0.073	ug/L	93
53) m,p-Xylene	9.693	106	3134	0.096	ug/L	97
61) 1,2,3-Trichloropropane	11.809	75	12091	0.993	ug/L #	68

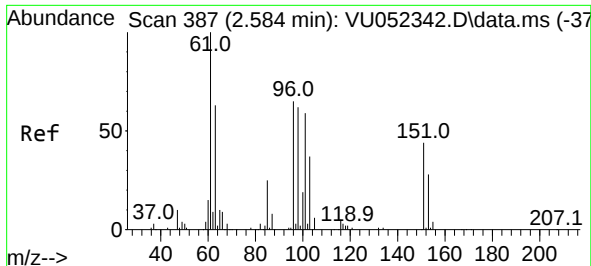
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.050 ug/L

RT: 2.565 min Scan# 387

Delta R.T. -0.019 min

Lab File: VU052355.D

Acq: 12 Dec 2022 16:10

Instrument :

MSVOA_U

ClientSampleId :

EXZA0

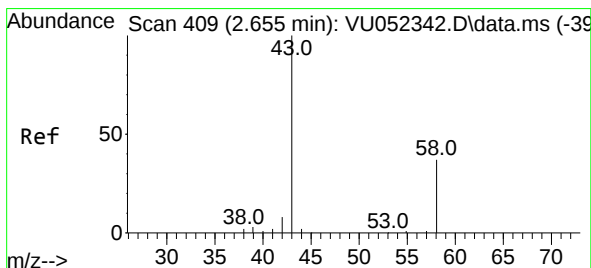
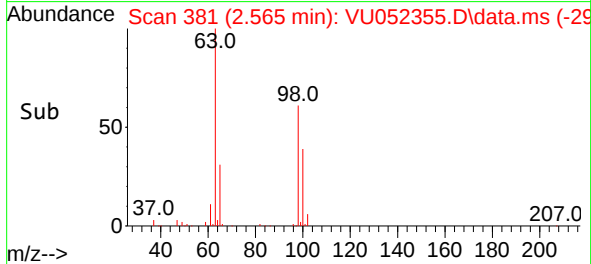
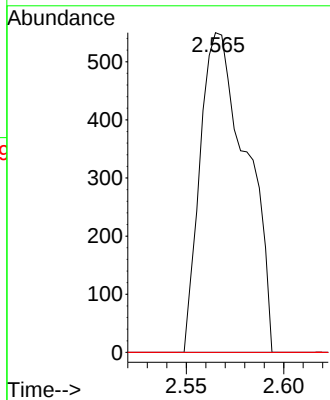
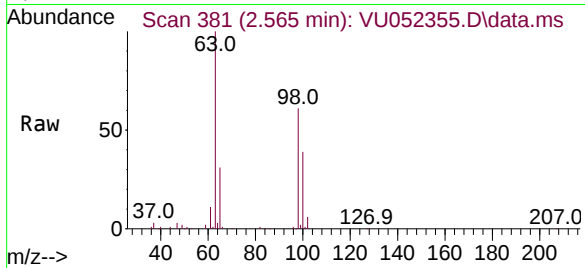
Tgt Ion:101 Resp: 913

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 58.6 88.0#



#13

Acetone

Concen: 4.909 ug/L

RT: 2.652 min Scan# 408

Delta R.T. -0.003 min

Lab File: VU052355.D

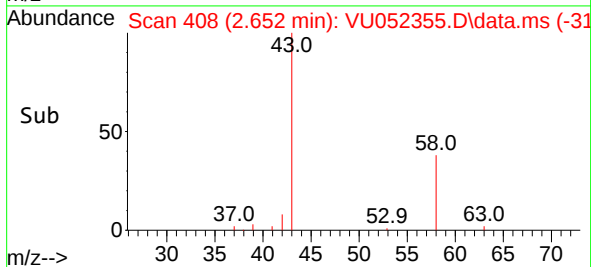
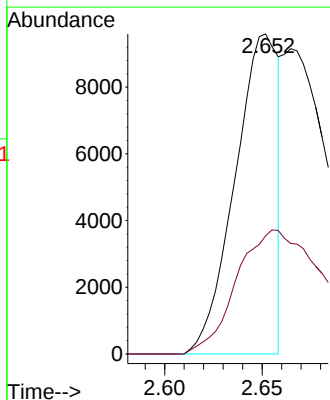
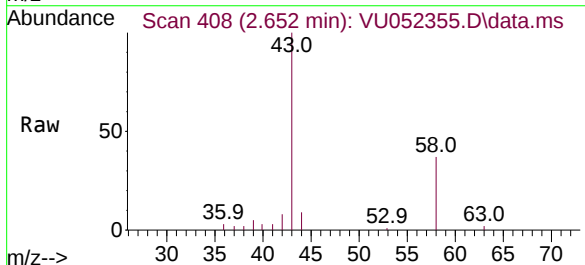
Acq: 12 Dec 2022 16:10

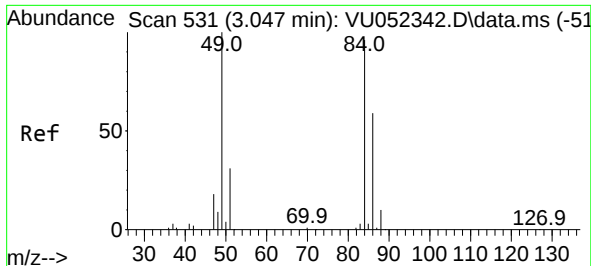
Tgt Ion: 43 Resp: 14749

Ion Ratio Lower Upper

43 100

58 88.7 0.0 76.0#

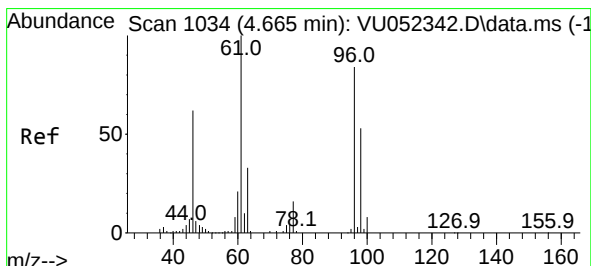
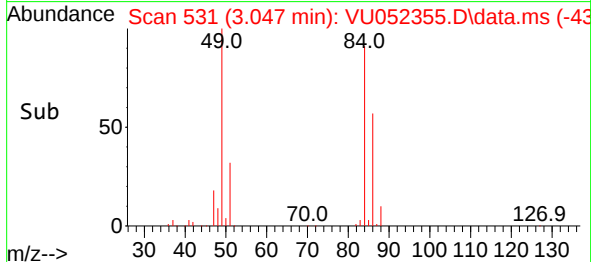
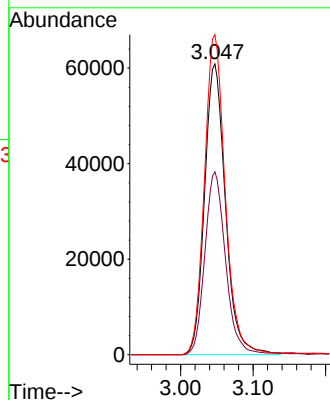
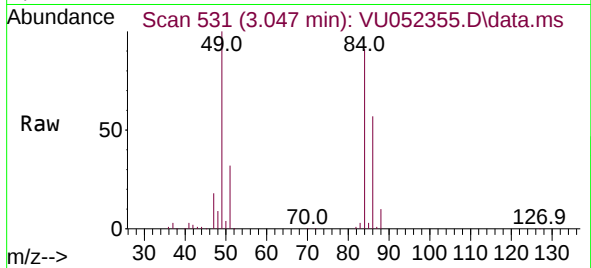




#16
Methylene chloride
Concen: 4.953 ug/L
RT: 3.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052355.D
Acq: 12 Dec 2022 16:10

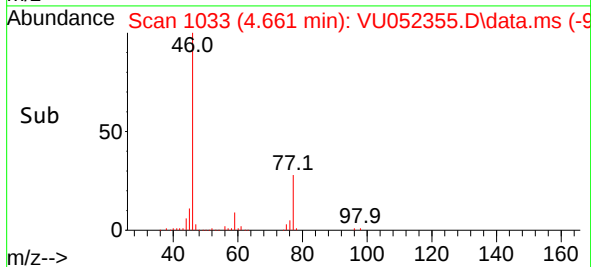
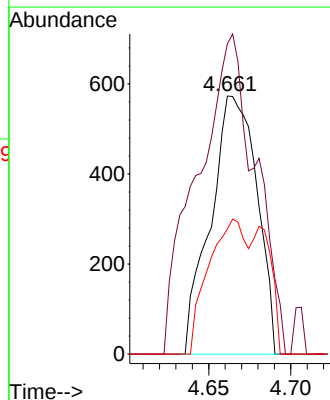
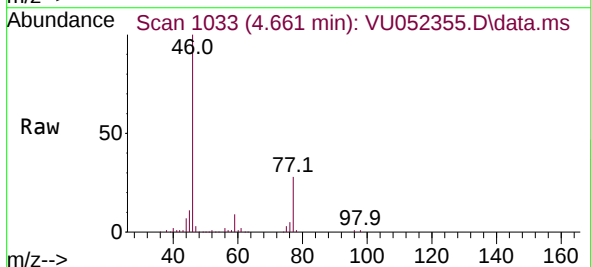
Instrument :
MSVOA_U
ClientSampleId :
EXZA0

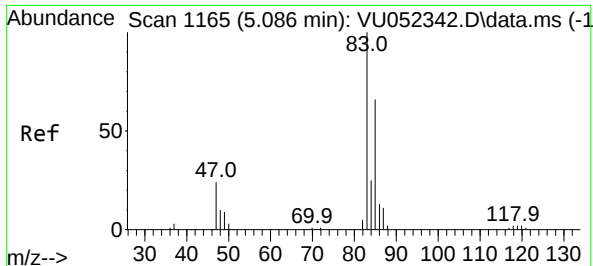
Tgt Ion: 84 Resp: 121968
Ion Ratio Lower Upper
84 100
86 62.9 43.8 81.4
49 110.1 75.9 141.1



#22
cis-1,2-Dichloroethene
Concen: 0.055 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU052355.D
Acq: 12 Dec 2022 16:10

Tgt Ion: 96 Resp: 1124
Ion Ratio Lower Upper
96 100
61 120.2 85.1 158.1
98 48.5 42.8 79.6





#25

Chloroform

Concen: 10.237 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU052355.D

Acq: 12 Dec 2022 16:10

Instrument :

MSVOA_U

ClientSampleId :

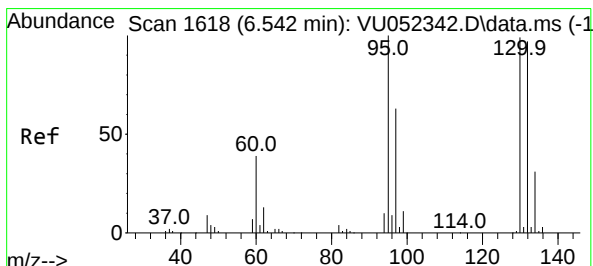
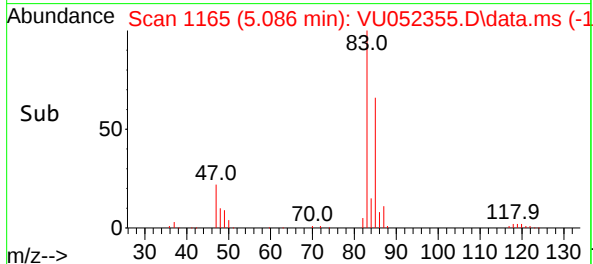
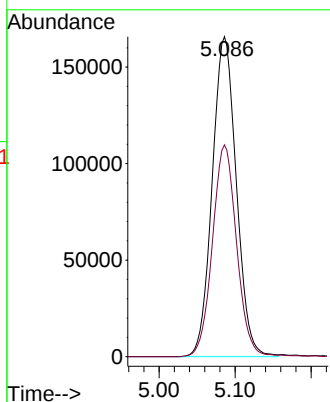
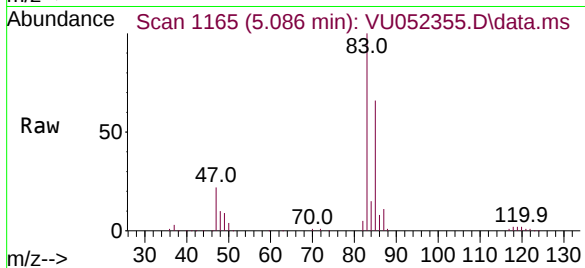
EXZA0

Tgt Ion: 83 Resp: 364814

Ion Ratio Lower Upper

83 100

85 66.2 43.8 81.4



#34

Trichloroethene

Concen: 0.523 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU052355.D

Acq: 12 Dec 2022 16:10

Tgt Ion: 95 Resp: 10964

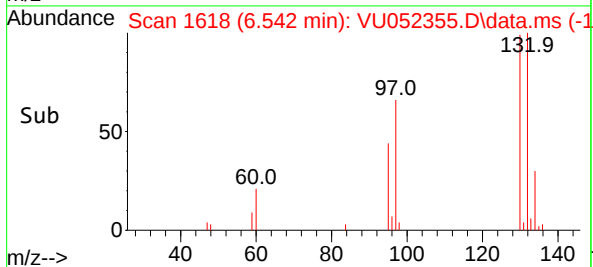
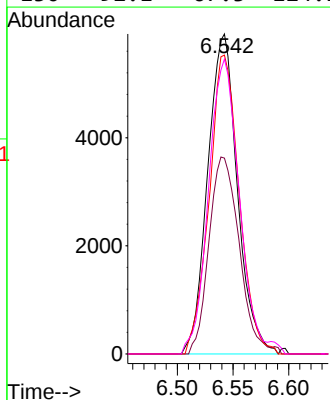
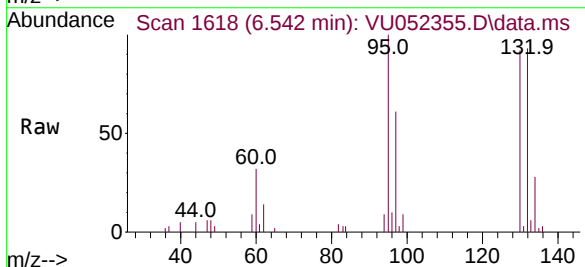
Ion Ratio Lower Upper

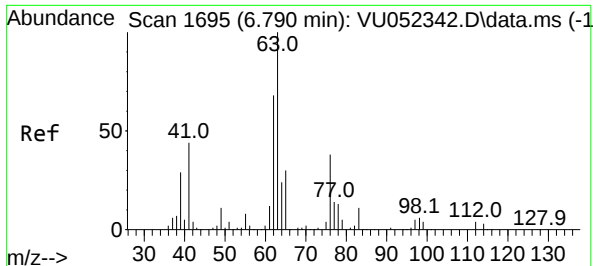
95 100

97 61.2 43.7 81.1

132 93.4 64.3 119.3

130 92.1 67.3 124.9

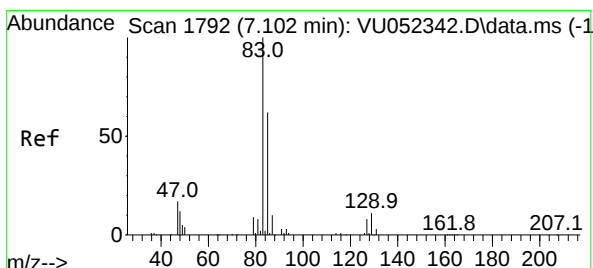
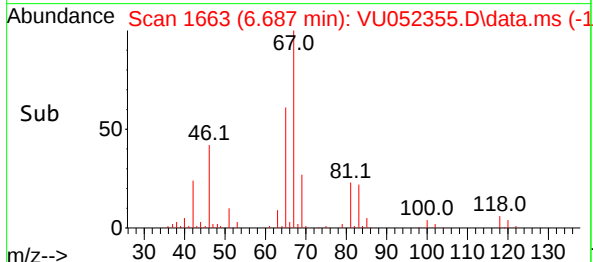
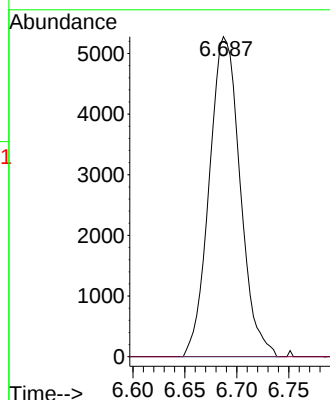
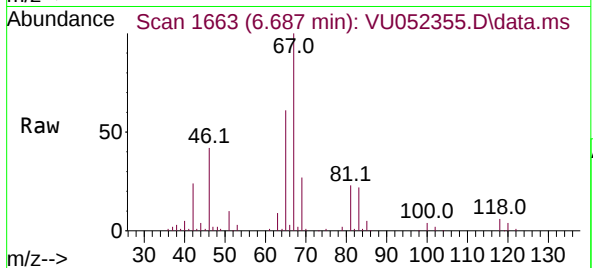




#37
1,2-Dichloropropane
Concen: 0.502 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU052355.D
Acq: 12 Dec 2022 16:10

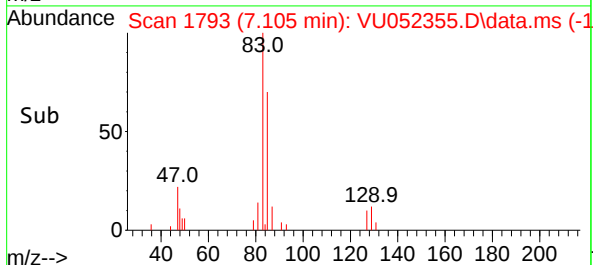
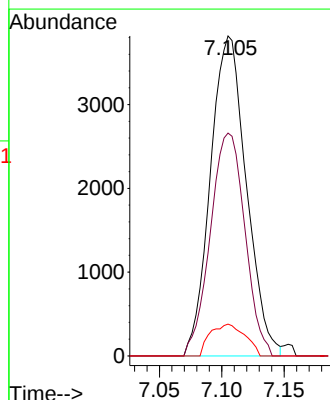
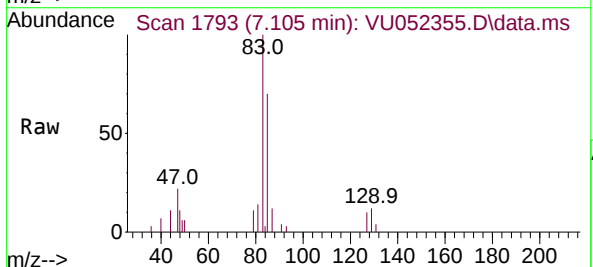
Instrument :
MSVOA_U
ClientSampleId :
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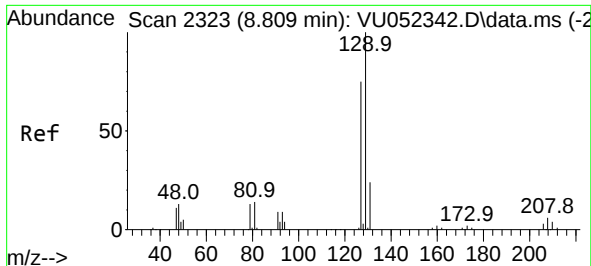
Tgt Ion: 63 Resp: 10917
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#38
Bromodichloromethane
Concen: 0.289 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.003 min
Lab File: VU052355.D
Acq: 12 Dec 2022 16:10

Tgt Ion: 83 Resp: 7667
Ion Ratio Lower Upper
83 100
85 69.6 43.5 80.9
127 9.9 6.8 10.2





#49

Dibromochloromethane

Concen: 0.073 ug/L

RT: 8.803 min Scan# 21

Delta R.T. -0.007 min

Lab File: VU052355.D

Acq: 12 Dec 2022 16:10

Instrument :

MSVOA_U

ClientSampleId :

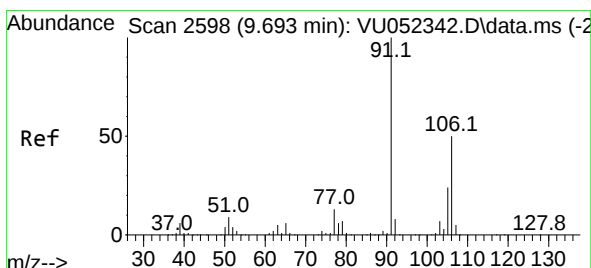
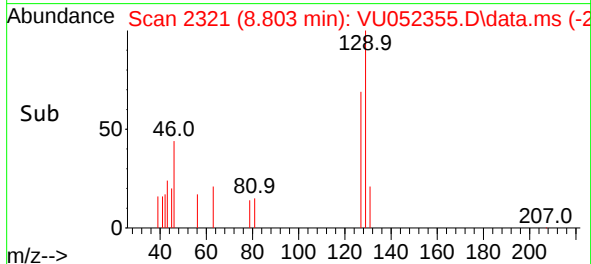
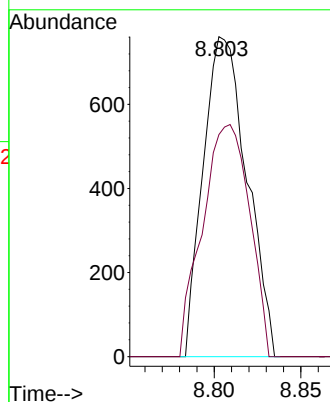
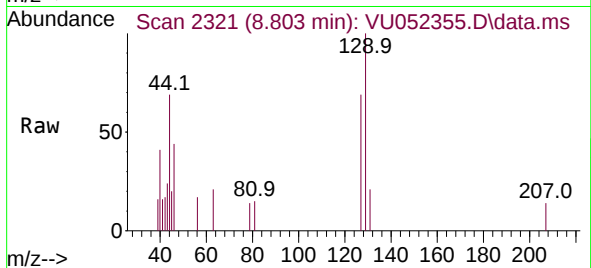
EXZA0

Tgt Ion:129 Resp: 1335

Ion Ratio Lower Upper

129 100

127 69.4 52.8 98.2



#53

m,p-Xylene

Concen: 0.096 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU052355.D

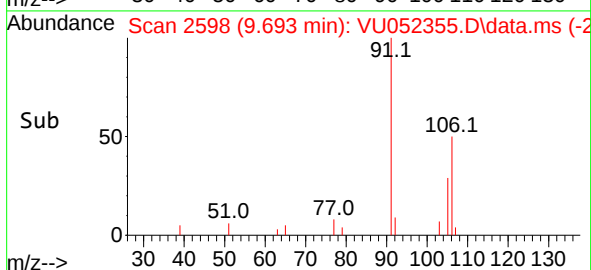
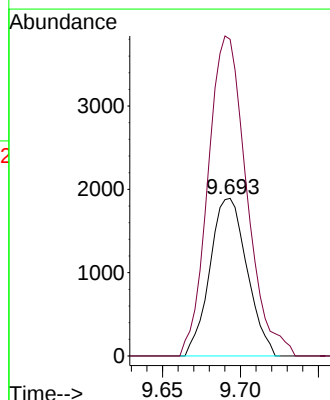
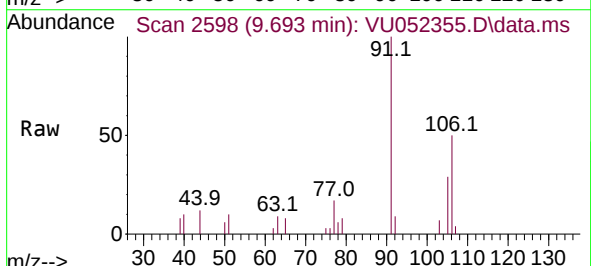
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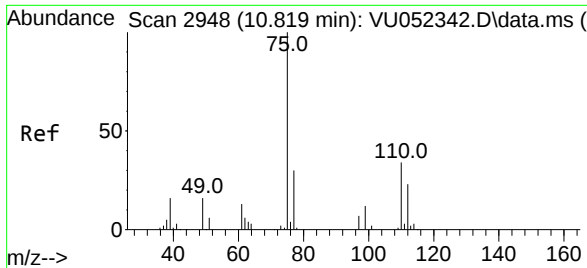
Tgt Ion:106 Resp: 3134

Ion Ratio Lower Upper

106 100

91 201.0 137.7 255.7





#61
 1,2,3-Trichloropropane
 Concen: 0.993 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052355.D
 Acq: 12 Dec 2022 16:10

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZA0

Tgt Ion: 75 Resp: 12091
 Ion Ratio Lower Upper
 75 100
 110 2.4 28.3 42.5#
 77 29.9 26.2 39.2

