

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
 Data File : VU052356.D
 Acq On : 12 Dec 2022 16:34
 Operator : JC/MD
 Sample : N5930-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZA1

Quant Time: Dec 13 01:05:13 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)

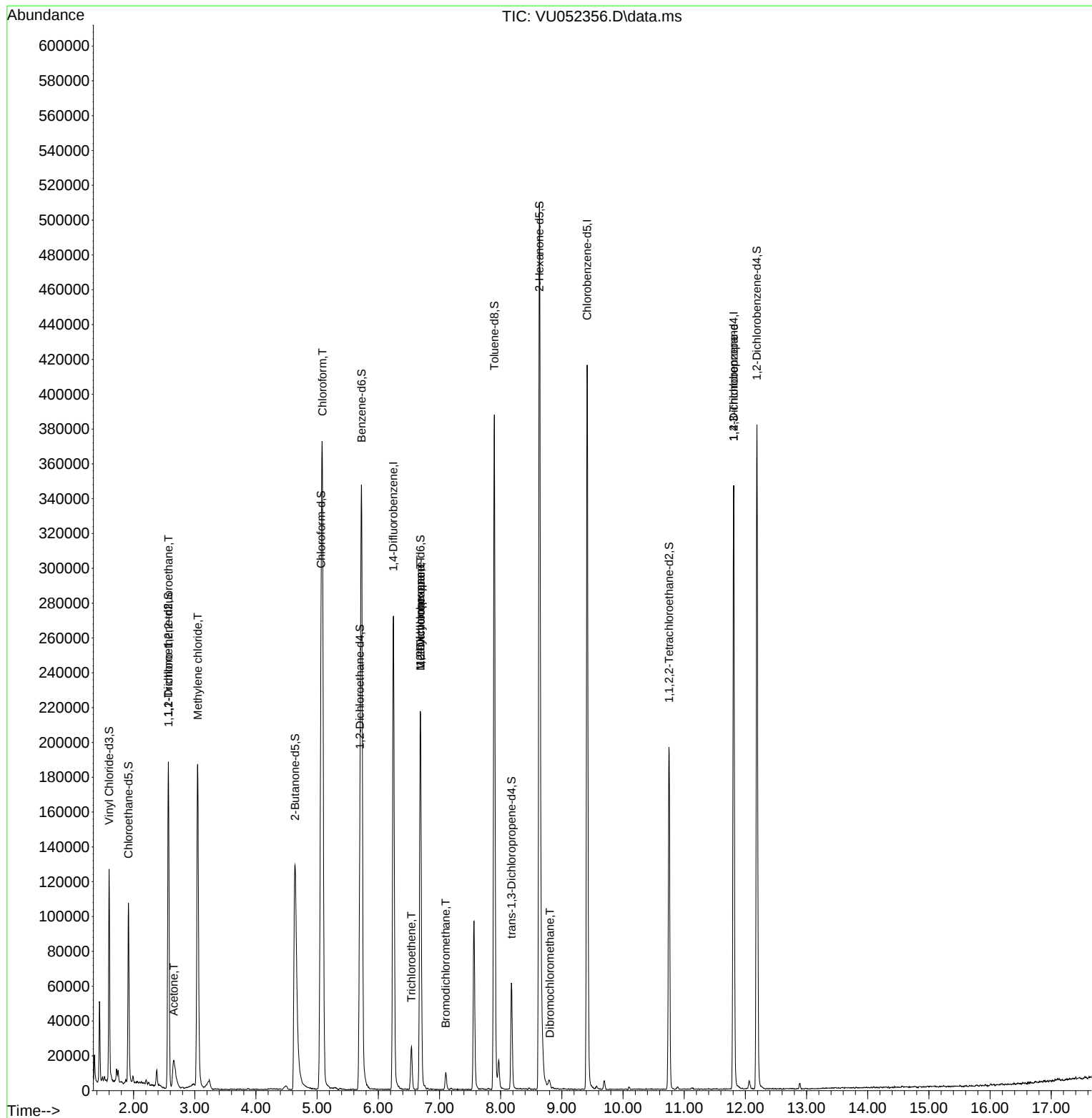
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	229816	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	238689	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	98200	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	89173	3.989	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.916	69	79230	4.563	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.568	65	35721	4.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.639	46	251000	61.945	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.880%
24) Chloroform-d	5.063	84	180289	5.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.800%
26) 1,2-Dichloroethane-d4	5.700	65	88772	5.351	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.726	84	346439	4.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.687	67	114249	5.210	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.896	98	275760	4.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.176	79	37136	4.647	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.632	63	177382	52.376	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.760%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	103008	5.418	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	104692	5.568	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	974	0.058	ug/L #	20
13) Acetone	2.655	43	37087	13.479	ug/L	99
16) Methylene chloride	3.047	84	99617	4.417	ug/L	97
25) Chloroform	5.086	83	298424	9.144	ug/L	97
34) Trichloroethene	6.542	95	8327	0.430	ug/L	93
35) Methylcyclohexane	6.690	83	25556	0.917	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	10984	0.546	ug/L #	88
38) Bromodichloromethane	7.102	83	6752	0.275	ug/L #	90
49) Dibromochloromethane	8.806	129	1025	0.061	ug/L	86
61) 1,2,3-Trichloropropane	11.809	75	11517	1.025	ug/L #	71

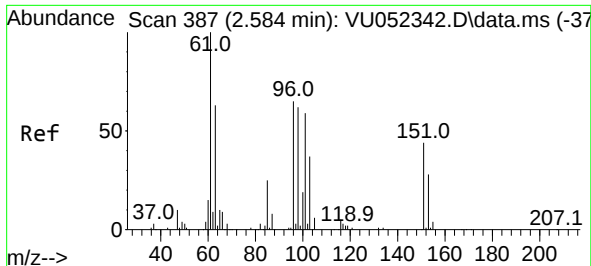
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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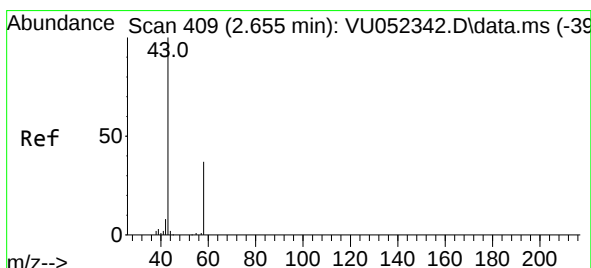
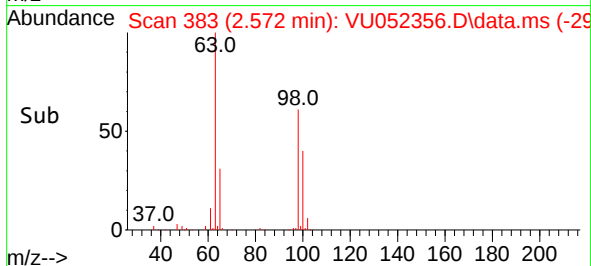
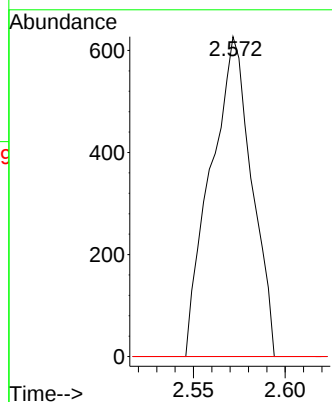
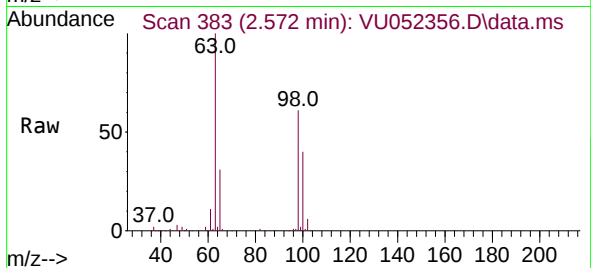




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.058 ug/L
RT: 2.572 min Scan# 387
Delta R.T. -0.013 min
Lab File: VU052356.D
Acq: 12 Dec 2022 16:34

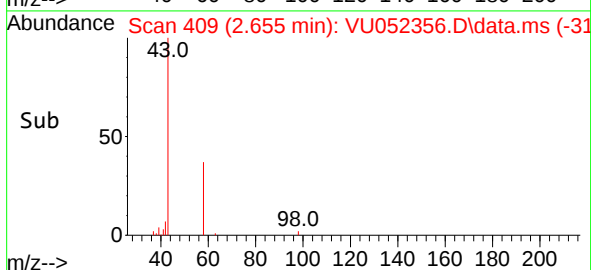
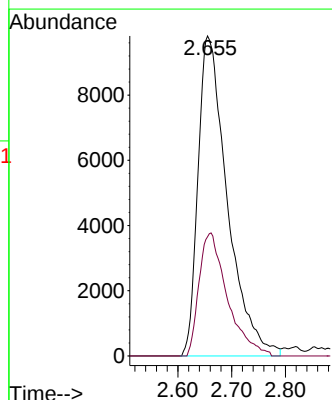
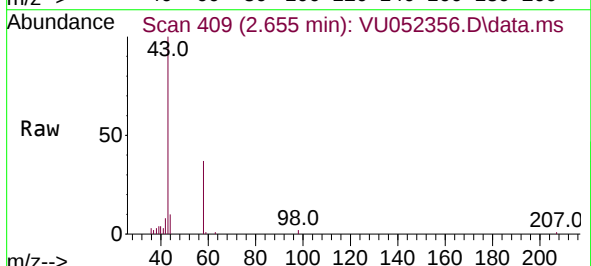
Instrument :
MSVOA_U
ClientSampleId :
EXZA1

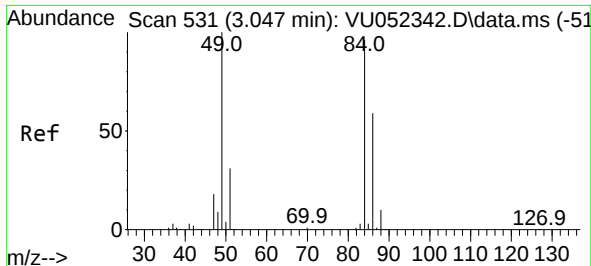
Tgt Ion:101 Resp: 974
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#13
Acetone
Concen: 13.479 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.000 min
Lab File: VU052356.D
Acq: 12 Dec 2022 16:34

Tgt Ion: 43 Resp: 37087
Ion Ratio Lower Upper
43 100
58 37.2 0.0 76.0

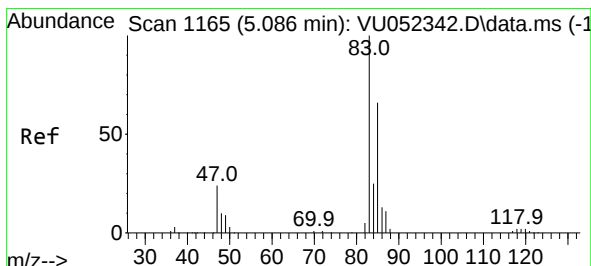
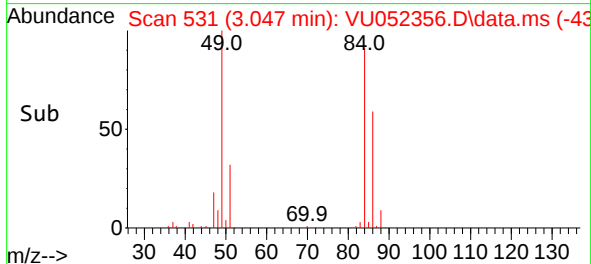
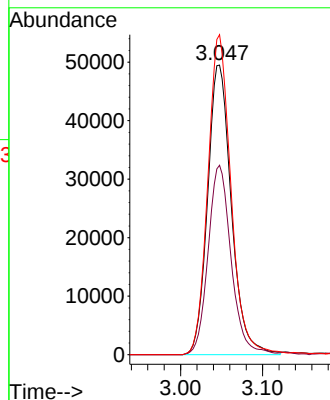
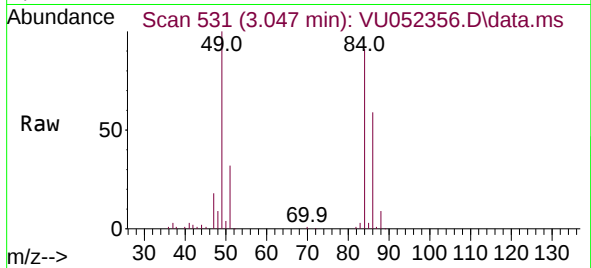




#16
Methylene chloride
Concen: 4.417 ug/L
RT: 3.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052356.D
Acq: 12 Dec 2022 16:34

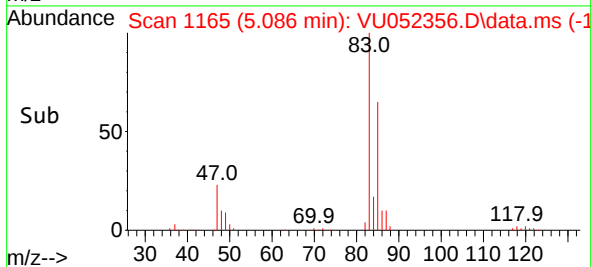
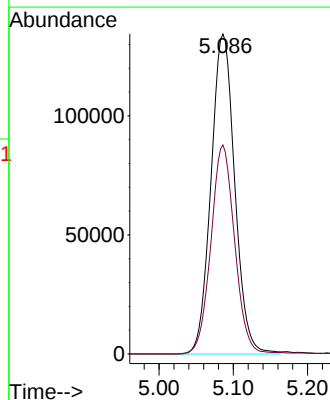
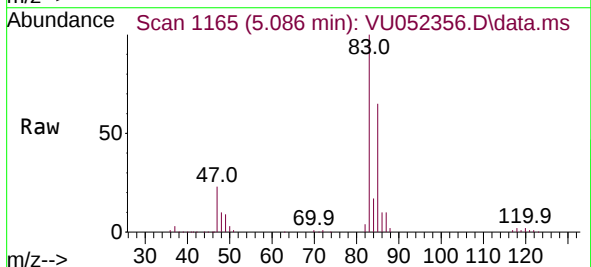
Instrument :
MSVOA_U
ClientSampleId :
EXZA1

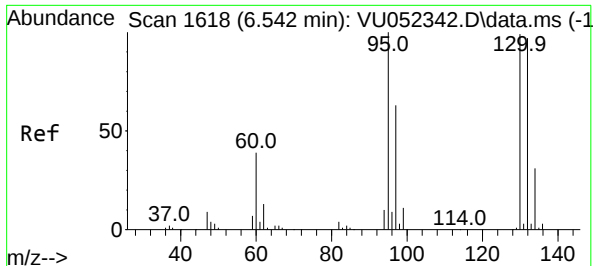
Tgt Ion: 84 Resp: 99617
Ion Ratio Lower Upper
84 100
86 65.4 43.8 81.4
49 110.5 75.9 141.1



#25
Chloroform
Concen: 9.144 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VU052356.D
Acq: 12 Dec 2022 16:34

Tgt Ion: 83 Resp: 298424
Ion Ratio Lower Upper
83 100
85 65.3 43.8 81.4



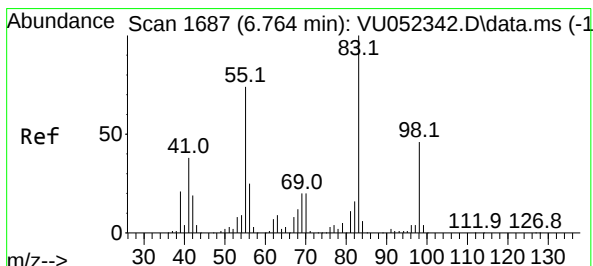
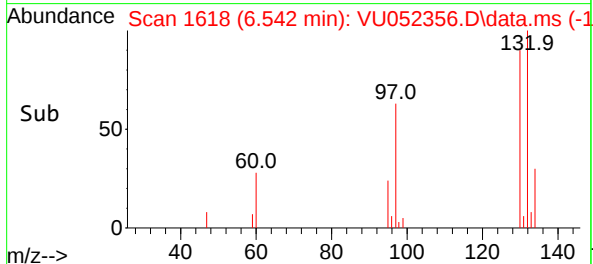
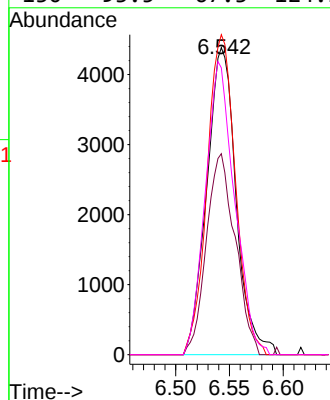
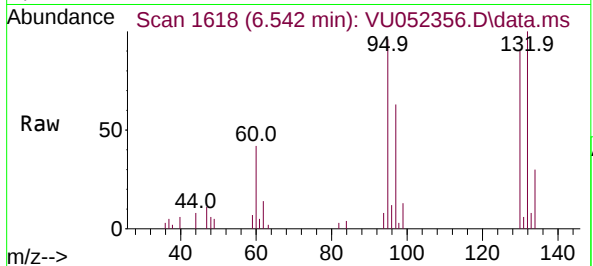


#34
Trichloroethene
Concen: 0.430 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052356.D
Acq: 12 Dec 2022 16:34

Instrument :
MSVOA_U
ClientSampleId :
EXZA1

Tgt Ion: 95 Resp: 8327

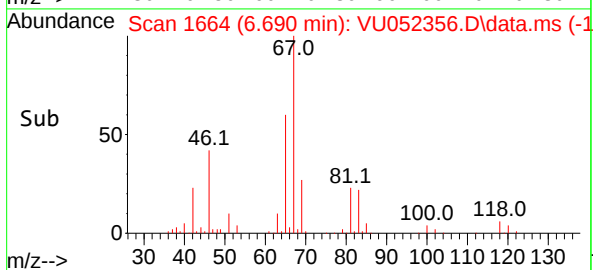
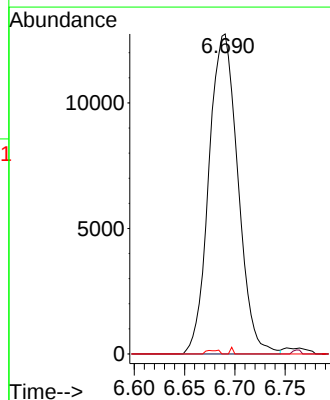
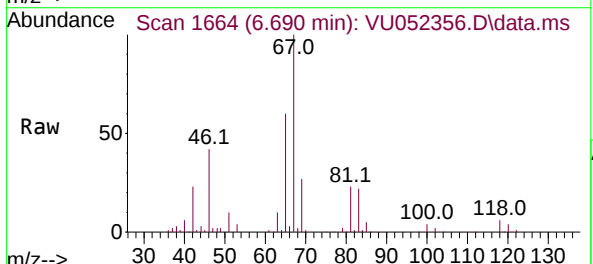
Ion	Ratio	Lower	Upper
95	100		
97	65.5	43.7	81.1
132	104.2	64.3	119.3
130	93.5	67.3	124.9

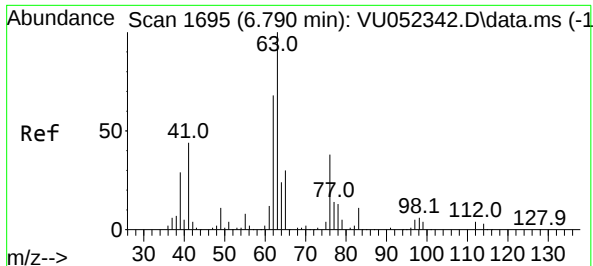


#35
Methylcyclohexane
Concen: 0.917 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU052356.D
Acq: 12 Dec 2022 16:34

Tgt Ion: 83 Resp: 25556

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.8	91.2#
98	0.5	35.1	52.7#





#37

1,2-Dichloropropane

Concen: 0.546 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU052356.D

Acq: 12 Dec 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

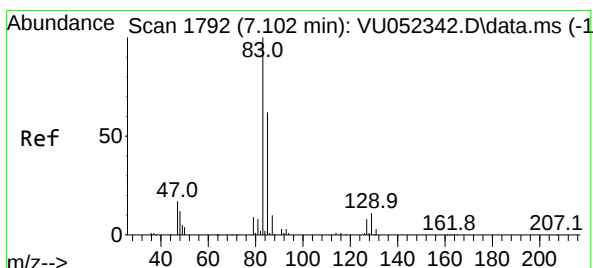
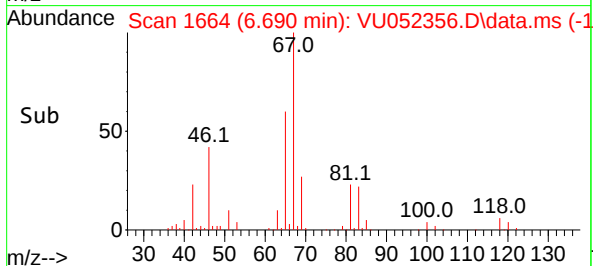
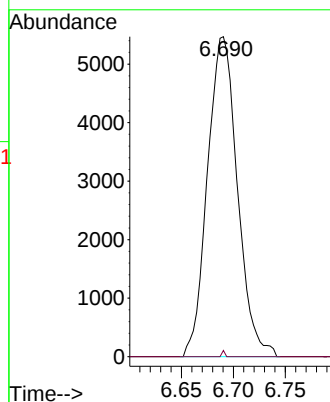
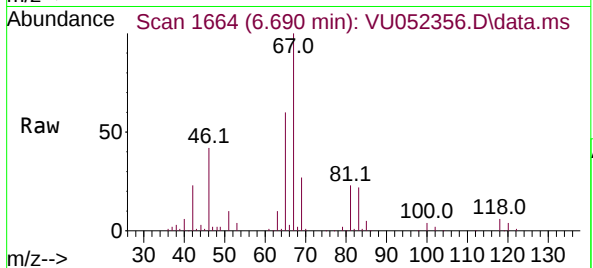
EXZA1

Tgt Ion: 63 Resp: 10984

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#



#38

Bromodichloromethane

Concen: 0.275 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VU052356.D

Acq: 12 Dec 2022 16:34

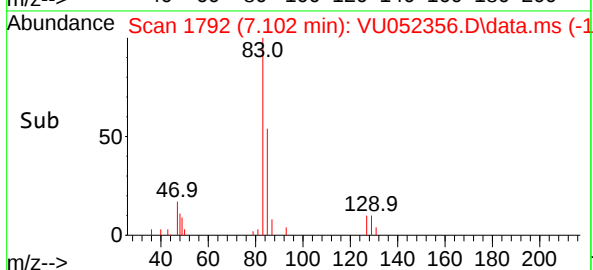
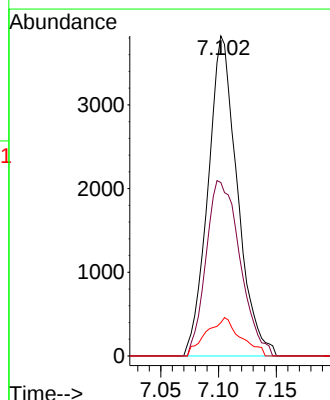
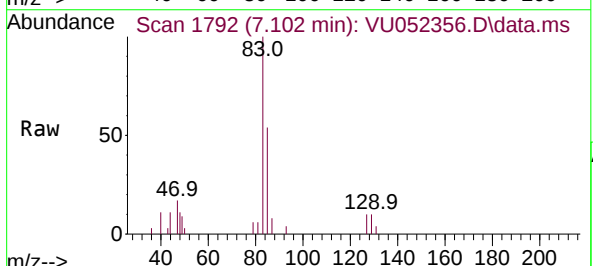
Tgt Ion: 83 Resp: 6752

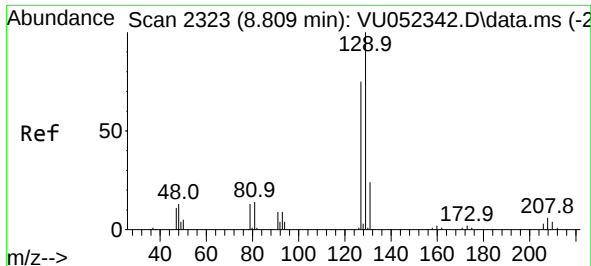
Ion Ratio Lower Upper

83 100

85 54.2 43.5 80.9

127 10.4 6.8 10.2#





#49

Dibromochloromethane

Concen: 0.061 ug/L

RT: 8.806 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU052356.D

Acq: 12 Dec 2022 16:34

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MSVOA_U

ClientSampleId :

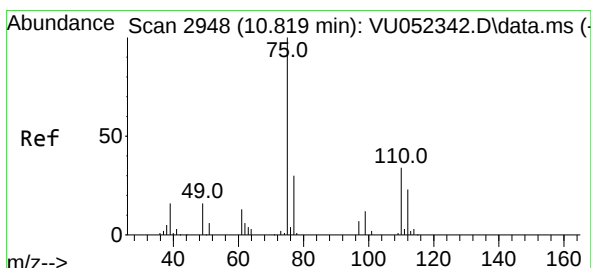
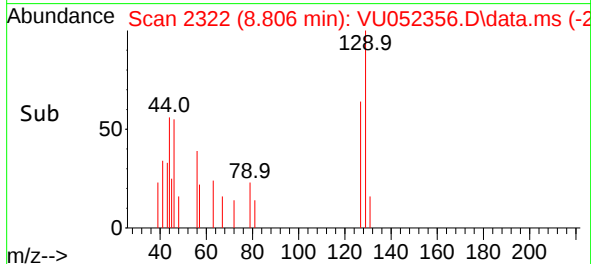
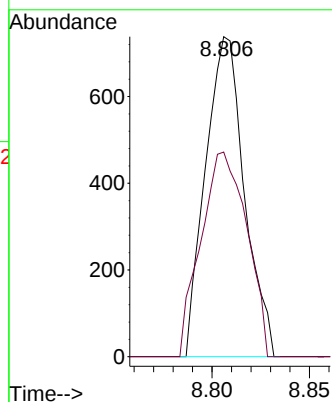
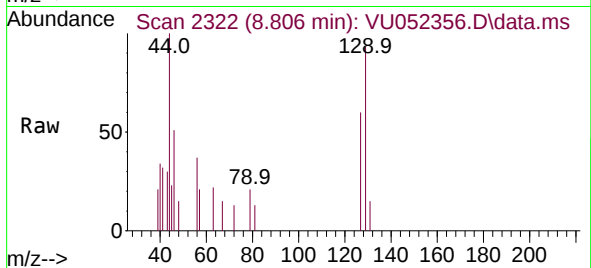
EXZA1

Tgt Ion:129 Resp: 1025

Ion Ratio Lower Upper

129 100

127 64.0 52.8 98.2



#61

1,2,3-Trichloropropane

Concen: 1.025 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU052356.D

Acq: 12 Dec 2022 16:34

Tgt Ion: 75 Resp: 11517

Ion Ratio Lower Upper

75 100

110 2.7 28.3 42.5#

77 33.1 26.2 39.2

