

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047505.D
 Acq On : 11 Mar 2022 20:44
 Operator : SY/MD
 Sample : N1909-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

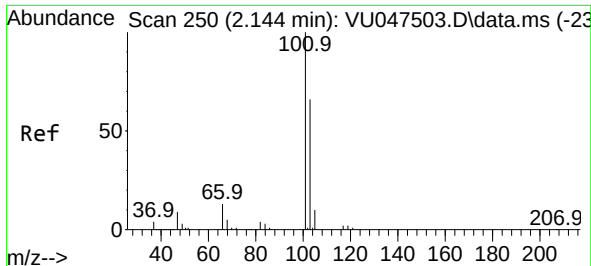
Instrument :
 MSVOA_U
 ClientSampleId :
 YATN4

Quant Time: Mar 12 04:22:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 12 03:24:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	125957	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	121799	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	61942	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29240	4.280	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.919	69	23998	4.785	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.572	65	12695	4.207	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.642	46	65176	53.587	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.180%
24) Chloroform-d	5.067	84	52561	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.706	65	26813	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.729	84	106359	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.694	67	32215	4.753	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.899	98	97858	4.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.182	79	12342	4.289	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.639	63	56107	44.261	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.520%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	28631	4.847	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	40256	5.126	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	645	0.053	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	420	0.056	ug/L #	17
13) Acetone	2.658	43	7642	6.839	ug/L	95
25) Chloroform	5.092	83	11309	0.776	ug/L	98
30) Cyclohexane	5.395	56	5790	0.478	ug/L	99
34) Trichloroethene	6.546	95	26989	3.069	ug/L	96
35) Methylcyclohexane	6.694	83	7463	0.538	ug/L #	22
37) 1,2-Dichloropropane	6.697	63	3381	0.413	ug/L #	88
49) Dibromochloromethane	8.552	129	482	0.059	ug/L #	12
61) 1,2,3-Trichloropropane	11.812	75	6630	1.156	ug/L #	67

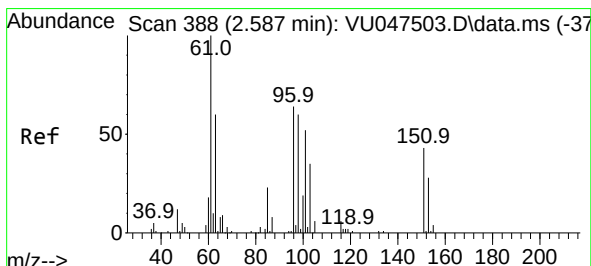
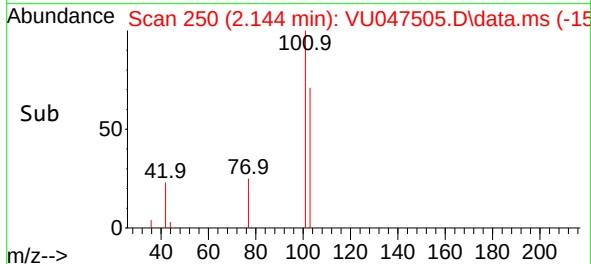
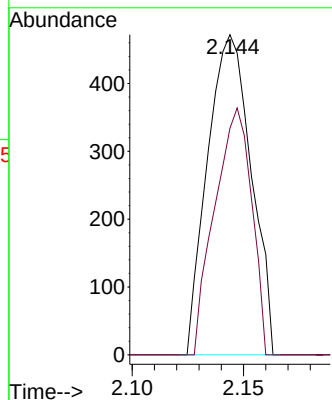
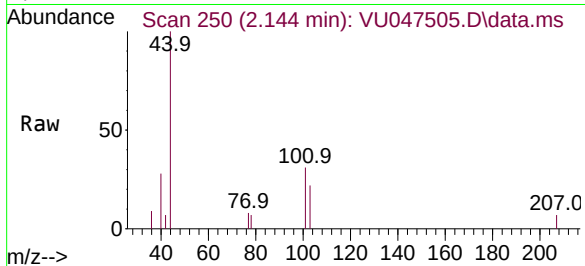
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#9
Trichlorofluoromethane
Concen: 0.053 ug/L
RT: 2.144 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047505.D
Acq: 11 Mar 2022 20:44

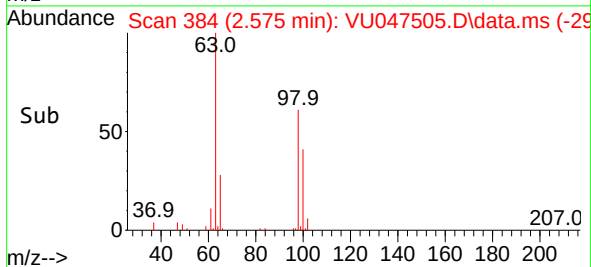
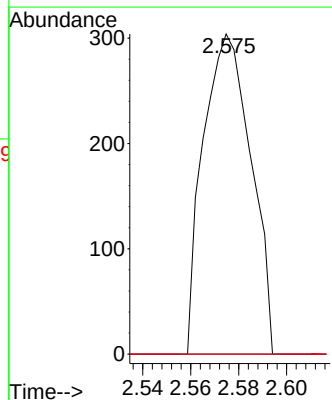
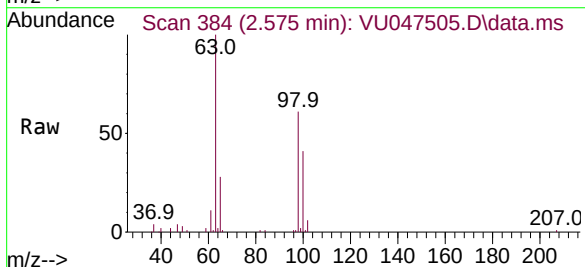
Instrument :
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YATN4

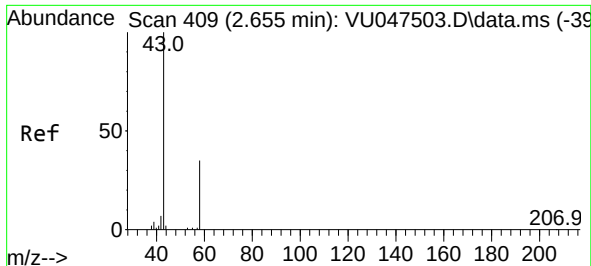
Tgt Ion:101 Resp: 645
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.056 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU047505.D
Acq: 11 Mar 2022 20:44

Tgt Ion:101 Resp: 420
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 64.8 97.2#





#13

Acetone

Concen: 6.839 ug/L

RT: 2.658 min Scan# 410

Delta R.T. 0.003 min

Lab File: VU047505.D

Acq: 11 Mar 2022 20:44

Instrument :

MSVOA_U

ClientSampleId :

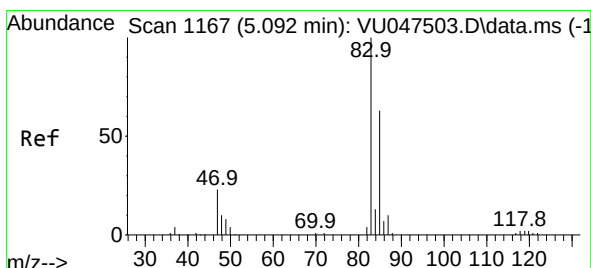
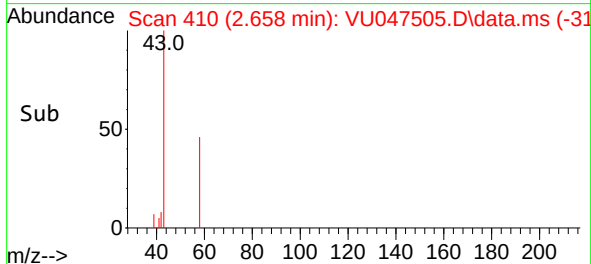
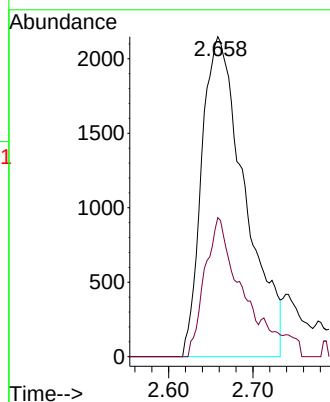
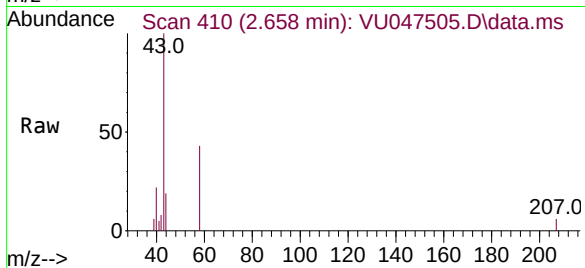
YATN4

Tgt Ion: 43 Resp: 7642

Ion Ratio Lower Upper

43 100

58 33.4 0.0 72.6



#25

Chloroform

Concen: 0.776 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047505.D

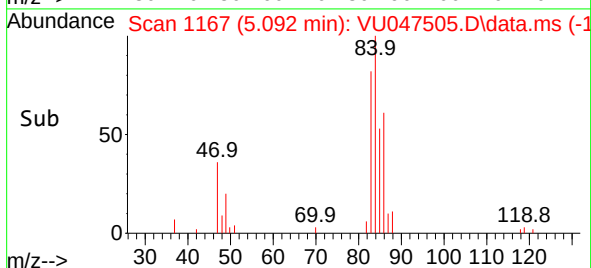
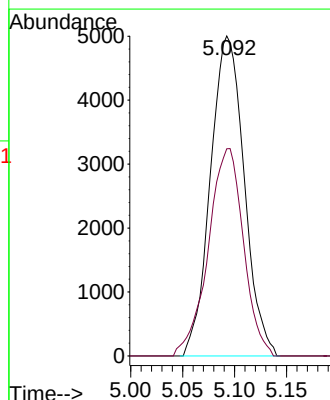
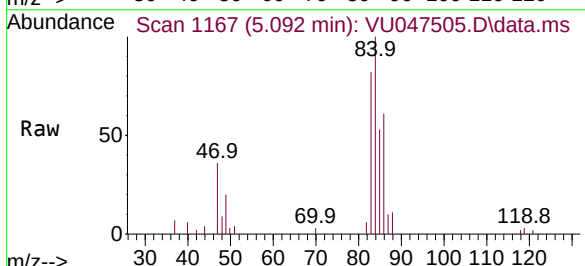
Acq: 11 Mar 2022 20:44

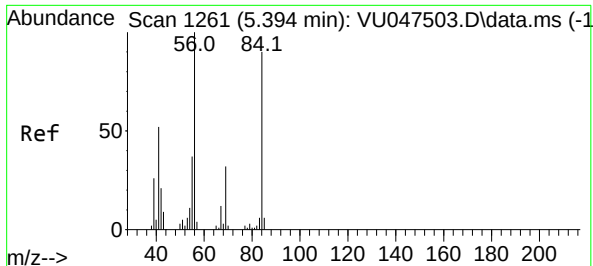
Tgt Ion: 83 Resp: 11309

Ion Ratio Lower Upper

83 100

85 64.7 46.2 85.8





#30

Cyclohexane

Concen: 0.478 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047505.D

Acq: 11 Mar 2022 20:44

Instrument :

MSVOA_U

ClientSampleId :

YATN4

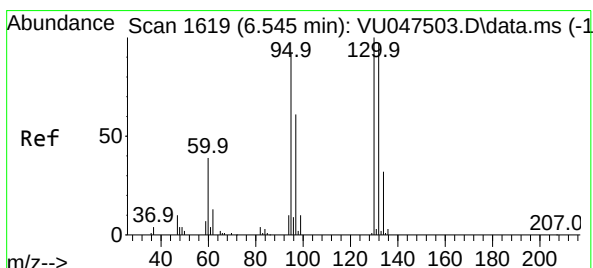
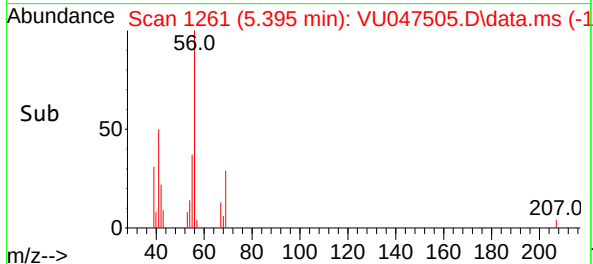
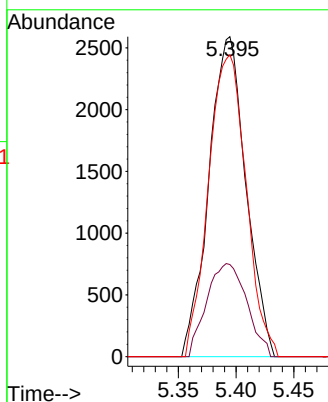
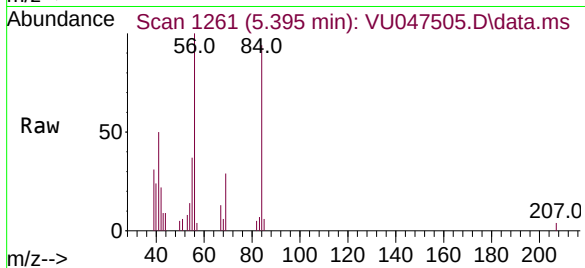
Tgt Ion: 56 Resp: 5790

Ion Ratio Lower Upper

56 100

69 31.4 26.0 39.0

84 95.6 76.3 114.5



#34

Trichloroethene

Concen: 3.069 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU047505.D

Acq: 11 Mar 2022 20:44

Tgt Ion: 95 Resp: 26989

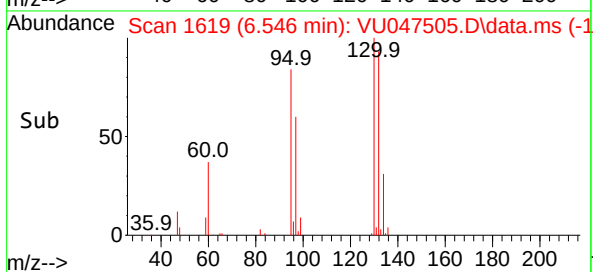
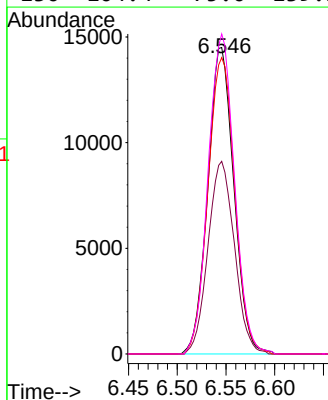
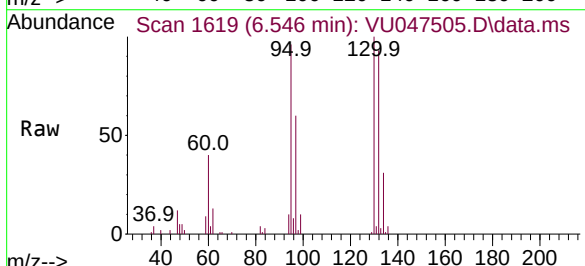
Ion Ratio Lower Upper

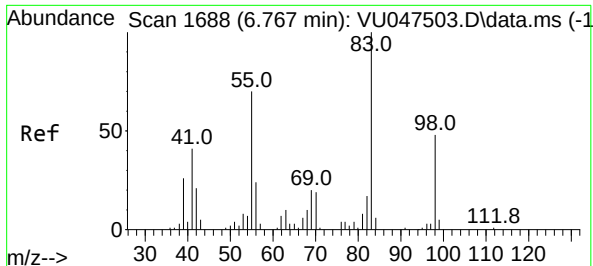
95 100

97 62.9 46.3 85.9

132 96.7 71.7 133.1

130 104.4 75.0 139.2





#35

Methylcyclohexane

Concen: 0.538 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU047505.D

Acq: 11 Mar 2022 20:44

Instrument :

MSVOA_U

ClientSampleId :

YATN4

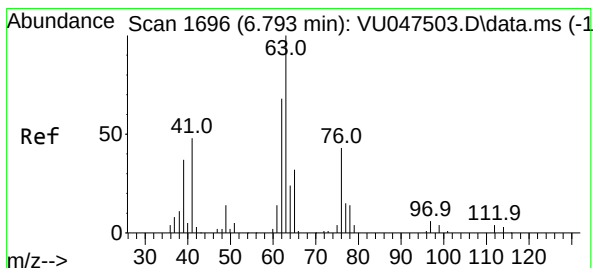
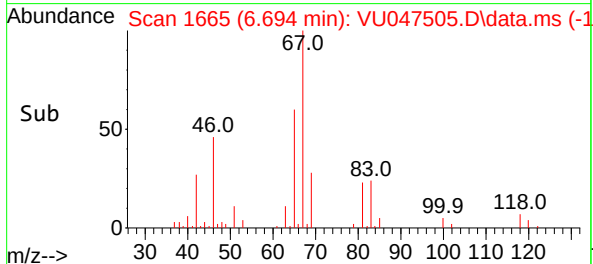
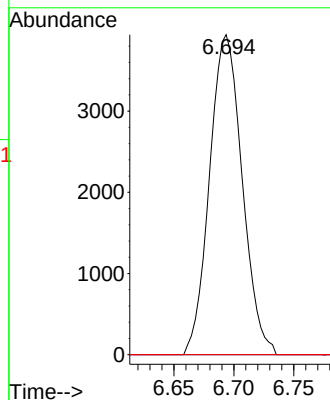
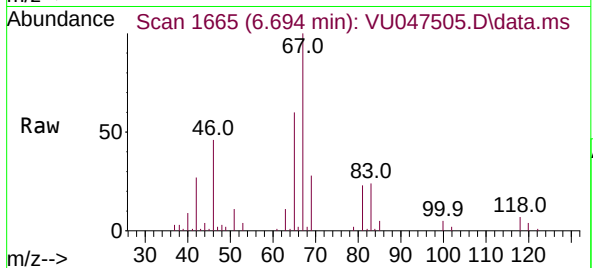
Tgt Ion: 83 Resp: 7463

Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.8#

98 3.1 38.0 57.0#



#37

1,2-Dichloropropane

Concen: 0.413 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.096 min

Lab File: VU047505.D

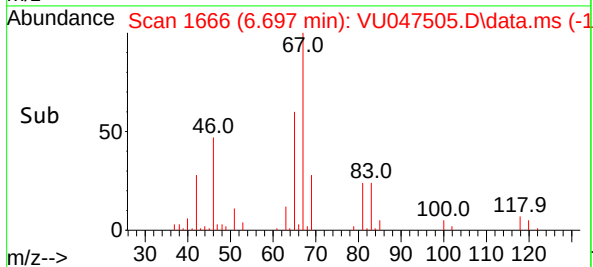
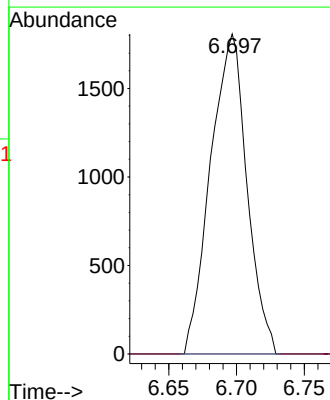
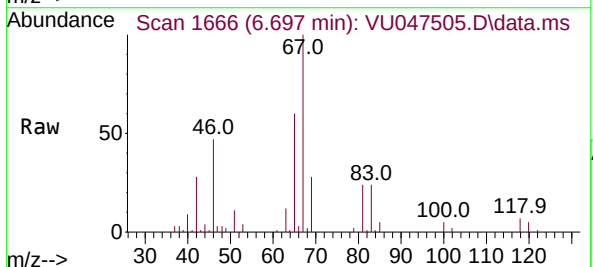
Acq: 11 Mar 2022 20:44

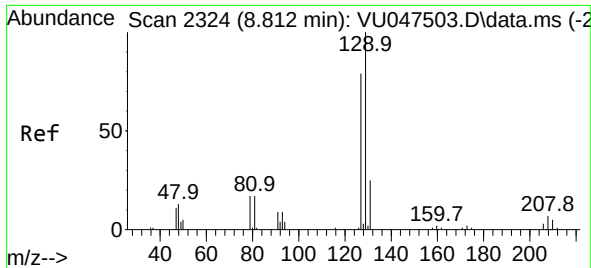
Tgt Ion: 63 Resp: 3381

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#

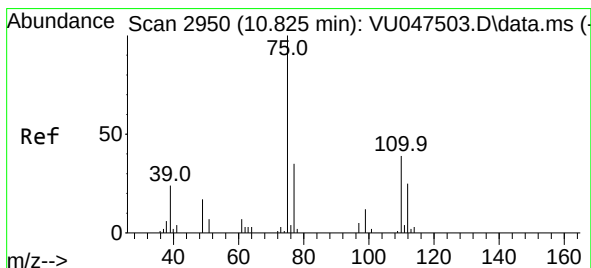
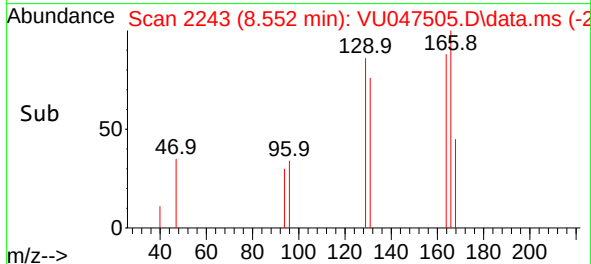
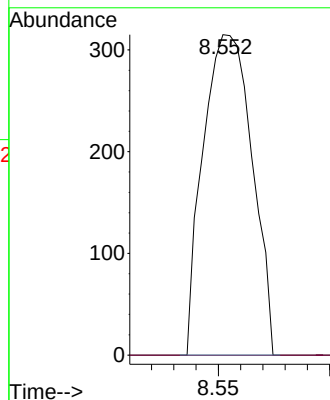
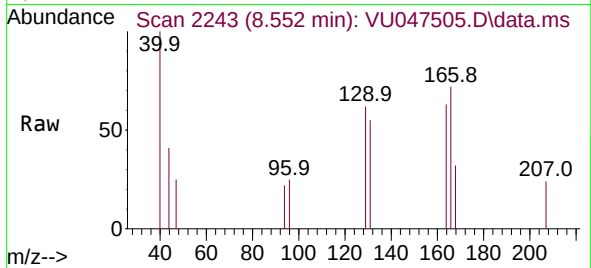




#49
Dibromochloromethane
Concen: 0.059 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.260 min
Lab File: VU047505.D
Acq: 11 Mar 2022 20:44

Instrument :
MSVOA_U
ClientSampleId :
YATN4

Tgt Ion:129 Resp: 482
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.8#



#61
1,2,3-Trichloropropane
Concen: 1.156 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047505.D
Acq: 11 Mar 2022 20:44

Tgt Ion: 75 Resp: 6630
Ion Ratio Lower Upper
75 100
110 1.6 31.0 46.4#
77 32.3 26.2 39.4

