

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055251.D
 Acq On : 12 Sep 2023 16:27
 Operator : MD/SY
 Sample : 04307-19DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 13 01:47:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 13 01:44:08 2023
 Response via : Initial Calibration

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

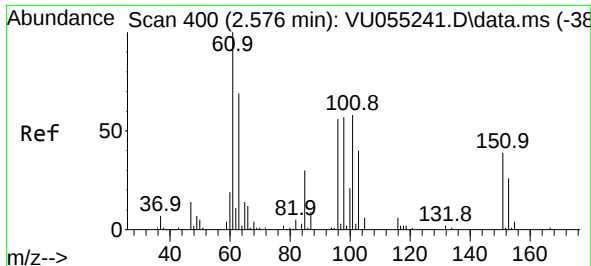
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	188305	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	197476	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	97698	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30444	3.450	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.904	69	46656	4.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.560	65	16453	3.272	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.400%
20) 2-Butanone-d5	4.621	46	151016	58.965	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.940%
24) Chloroform-d	5.058	84	108399	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.702	65	58971	5.033	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.724	84	204559	4.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.692	67	73848	4.763	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.898	98	174918	3.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	8.181	79	17918	4.197	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.631	63	95615	55.162	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.320%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	56349	5.168	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	65827	4.616	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	3854	0.443	ug/L #	1
16) Methylene chloride	3.039	84	36549	2.748	ug/L	98
22) cis-1,2-Dichloroethene	4.666	96	45811	4.237	ug/L	89
34) Trichloroethene	6.541	95	52910	4.530	ug/L	94
35) Methylcyclohexane	6.689	83	16923	1.033	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	8205	0.717	ug/L #	88
47) Tetrachloroethene	8.557	164	4701	0.582	ug/L	80
48) 2-Hexanone	8.685	43	22442	4.390	ug/L #	81
49) Dibromochloromethane	8.550	129	4341	0.516	ug/L #	9
61) 1,2,3-Trichloropropane	11.811	75	13389	2.065	ug/L #	70

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

Instrument :
MSVOA_U
ClientSampleId :

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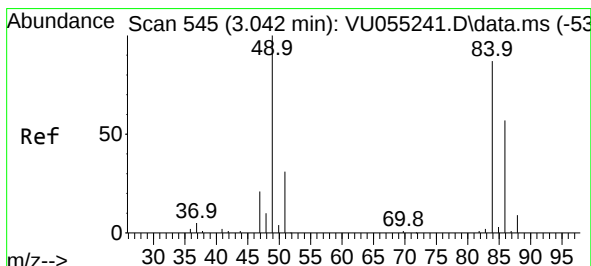
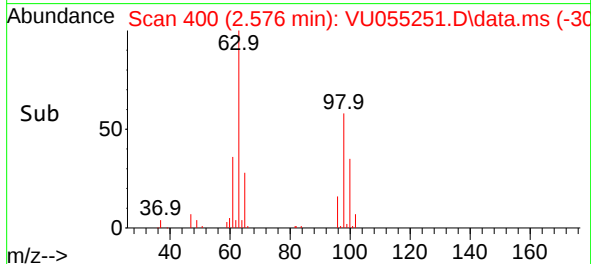
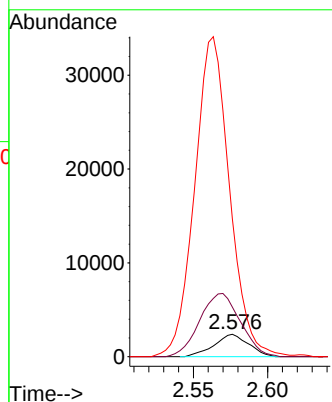
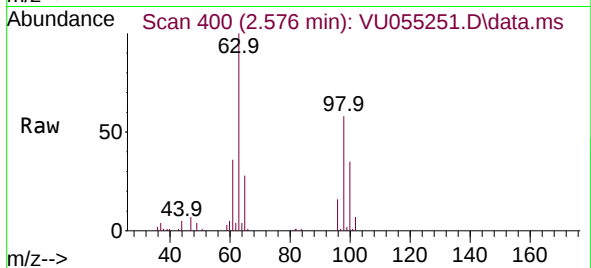




#12
 1,1-Dichloroethene
 Concen: 0.443 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055251.D
 Acq: 12 Sep 2023 16:27

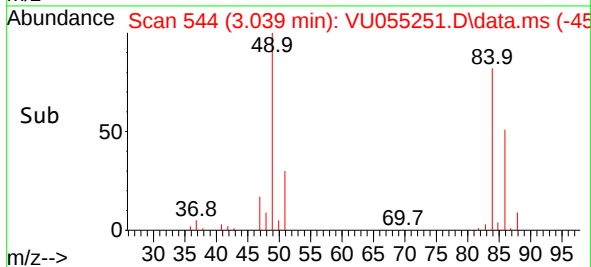
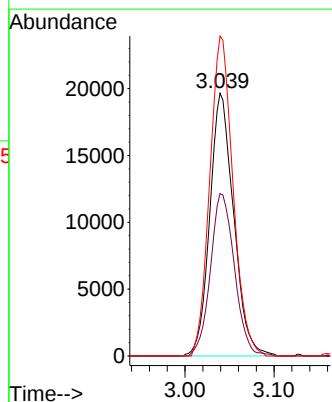
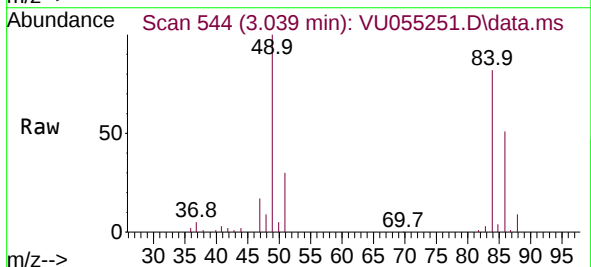
Instrument :
 MSVOA_U
 ClientSampleId :

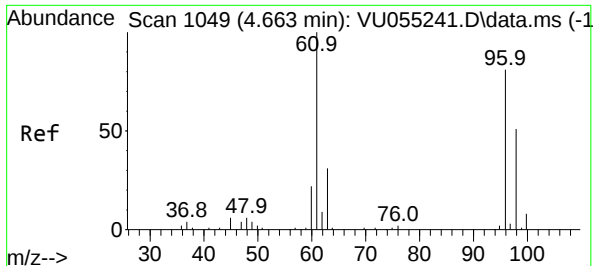
Tgt Ion: 96 Resp: 3854
 Ion Ratio Lower Upper
 96 100
 61 220.7 120.8 224.4
 63 614.1 94.5 175.5#



#16
 Methylene chloride
 Concen: 2.748 ug/L
 RT: 3.039 min Scan# 544
 Delta R.T. -0.003 min
 Lab File: VU055251.D
 Acq: 12 Sep 2023 16:27

Tgt Ion: 84 Resp: 36549
 Ion Ratio Lower Upper
 84 100
 86 61.8 43.4 80.6
 49 121.8 87.7 162.9





#22

cis-1,2-Dichloroethene

Concen: 4.237 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.003 min

Lab File: VU055251.D

Acq: 12 Sep 2023 16:27

Instrument :

MSVOA_U

ClientSampleId :

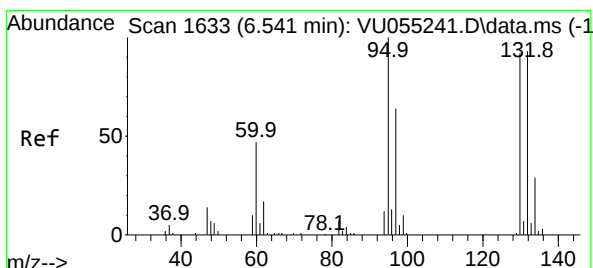
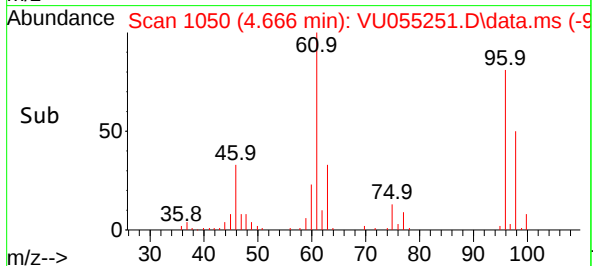
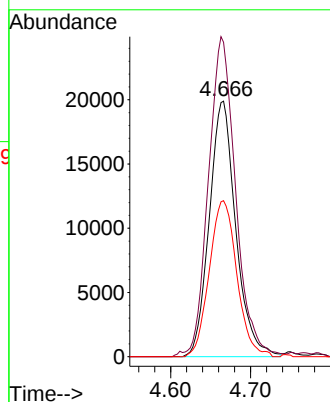
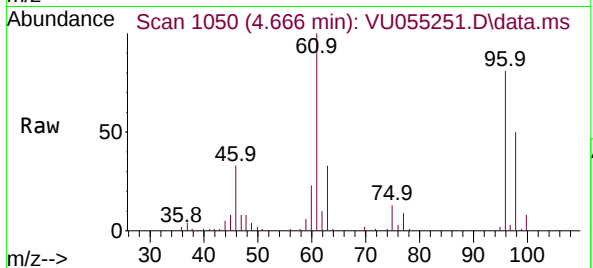
Tgt Ion: 96 Resp: 45811

Ion Ratio Lower Upper

96 100

61 123.0 97.2 180.4

98 61.1 46.1 85.7



#34

Trichloroethene

Concen: 4.530 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.000 min

Lab File: VU055251.D

Acq: 12 Sep 2023 16:27

Tgt Ion: 95 Resp: 52910

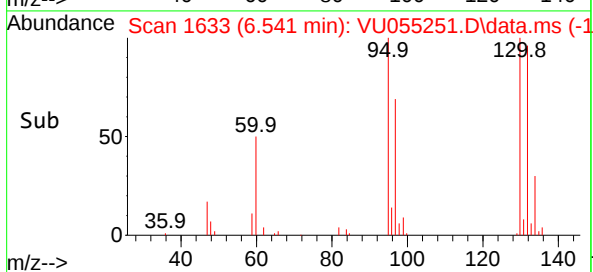
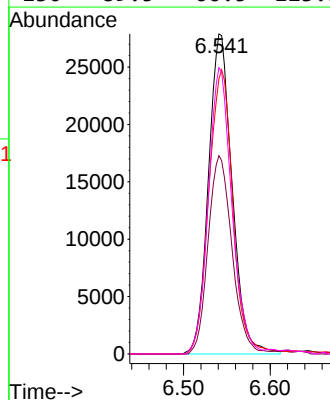
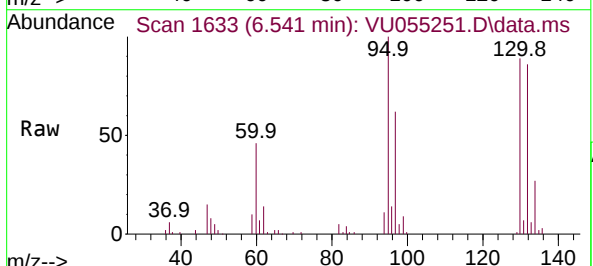
Ion Ratio Lower Upper

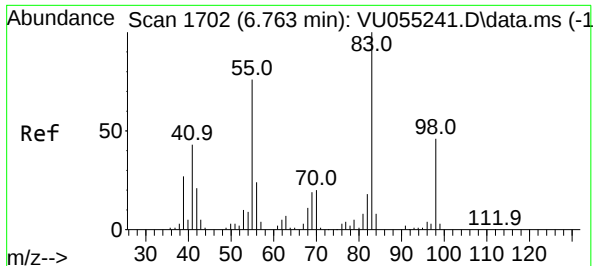
95 100

97 62.0 44.7 83.1

132 85.9 66.6 123.6

130 89.5 66.5 123.5





#35

Methylcyclohexane

Concen: 1.033 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU055251.D

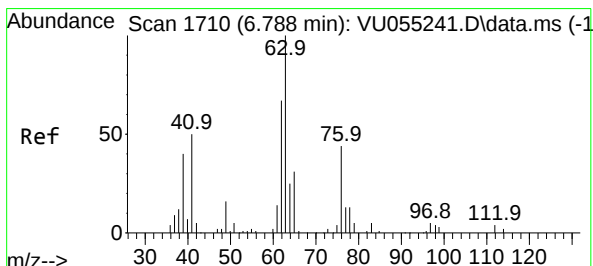
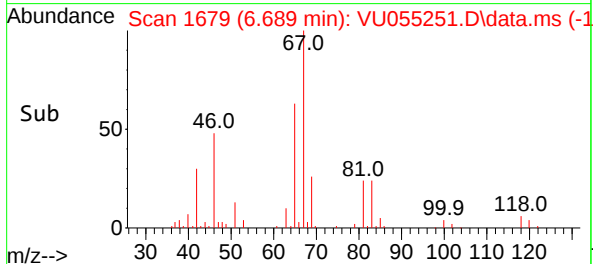
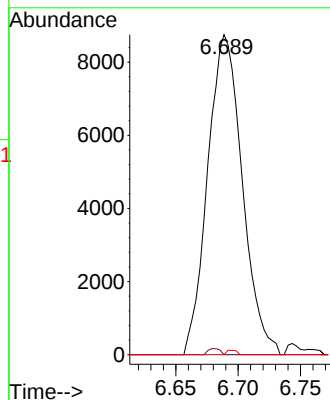
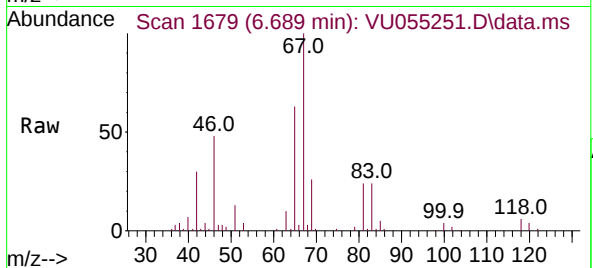
Acq: 12 Sep 2023 16:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 16923
Ion Ratio	Lower Upper
83	100
55	0.7 60.4 90.6#
98	0.4 35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.717 ug/L

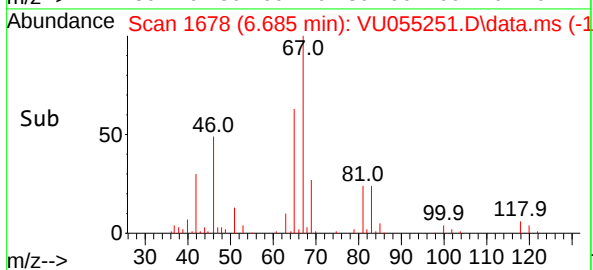
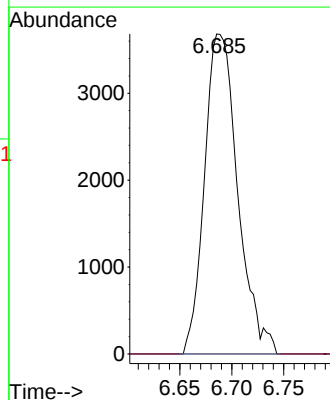
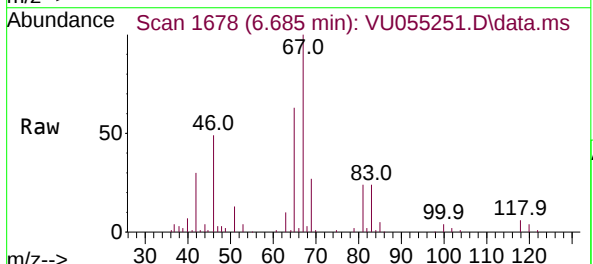
RT: 6.685 min Scan# 1678

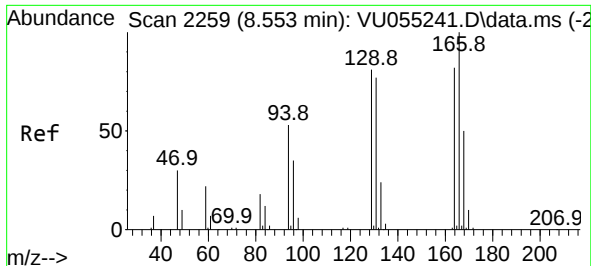
Delta R.T. -0.103 min

Lab File: VU055251.D

Acq: 12 Sep 2023 16:27

Tgt Ion: 63	Resp: 8205
Ion Ratio	Lower Upper
63	100
112	0.0 3.2 4.8#





#47

Tetrachloroethene

Concen: 0.582 ug/L

RT: 8.557 min Scan# 21

Delta R.T. 0.003 min

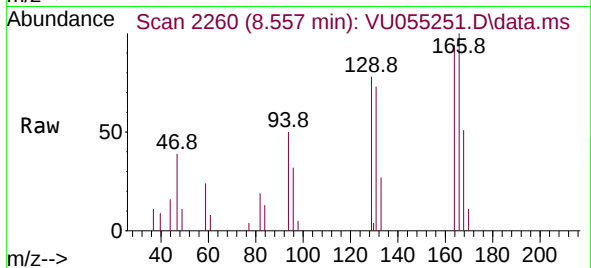
Lab File: VU055251.D

Acq: 12 Sep 2023 16:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 4701

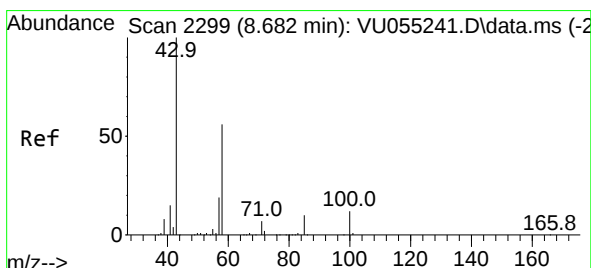
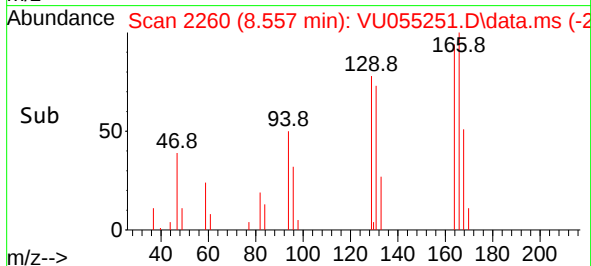
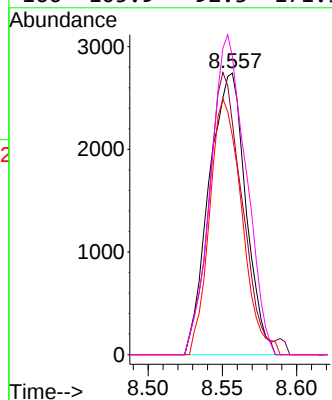
Ion Ratio Lower Upper

164 100

129 82.5 69.2 128.6

131 77.7 68.8 127.8

166 105.9 92.3 171.5



#48

2-Hexanone

Concen: 4.390 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055251.D

Acq: 12 Sep 2023 16:27

Tgt Ion: 43 Resp: 22442

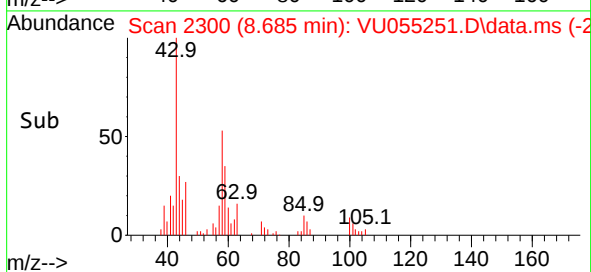
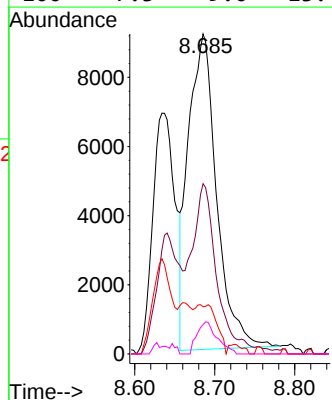
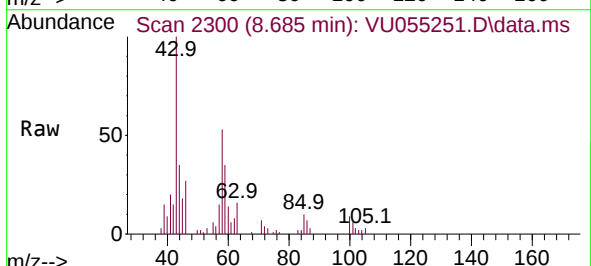
Ion Ratio Lower Upper

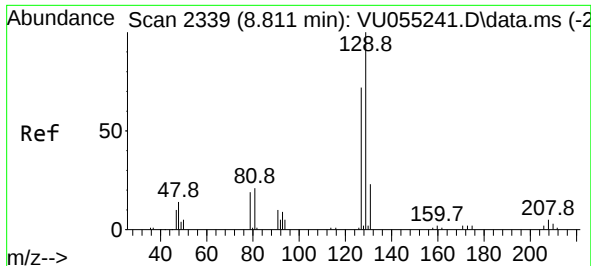
43 100

58 45.2 44.0 66.0

57 1.6 16.2 24.2#

100 7.3 9.0 13.4#

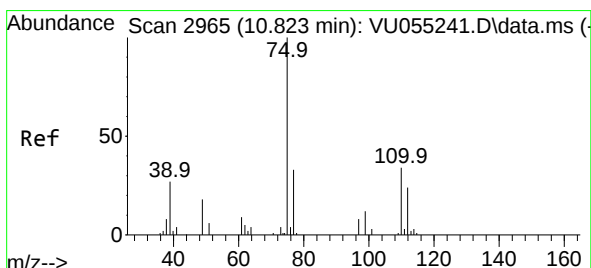
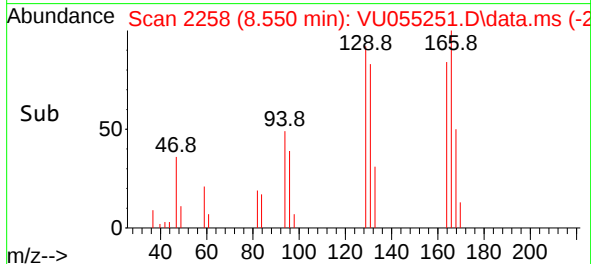
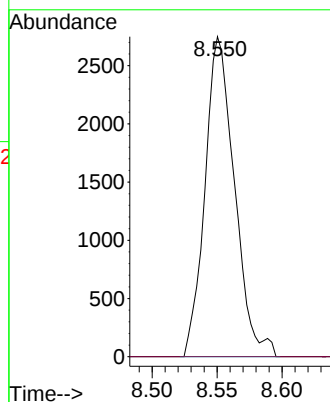
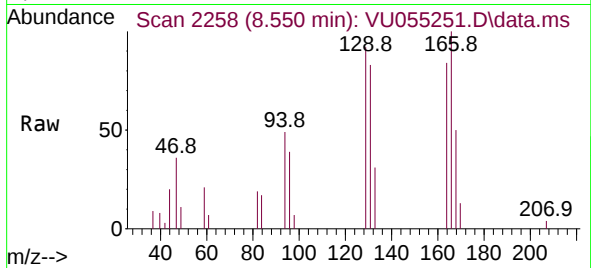




#49
 Dibromochloromethane
 Concen: 0.516 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. -0.260 min
 Lab File: VU055251.D
 Acq: 12 Sep 2023 16:27

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:129 Resp: 4341
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.9 103.7#



#61
 1,2,3-Trichloropropane
 Concen: 2.065 ug/L
 RT: 11.811 min Scan# 3272
 Delta R.T. 0.987 min
 Lab File: VU055251.D
 Acq: 12 Sep 2023 16:27

Tgt Ion: 75 Resp: 13389
 Ion Ratio Lower Upper
 75 100
 110 3.0 28.2 42.2#
 77 31.6 26.2 39.4

