

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021822\
 Data File : VU047213.D
 Acq On : 17 Feb 2022 18:45
 Operator : SY/MD
 Sample : N1559-08DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

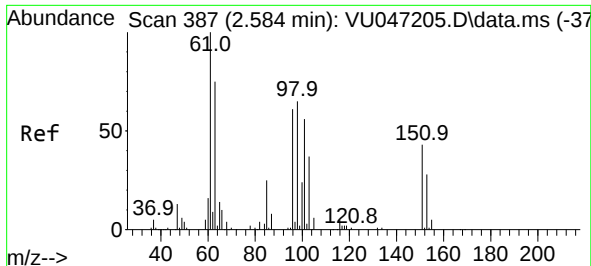
Instrument :
 MSVOA_U
 ClientSampleId :
 F4M66DL

Quant Time: Feb 18 03:34:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 03:32:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	155977	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	158145	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	89033	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	58379	4.432	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.919	69	50643	4.851	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.571	65	23289	4.275	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.642	46	172135	54.669	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.340%
24) Chloroform-d	5.067	84	107105	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.706	65	59129	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.732	84	219164	4.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.693	67	70906	5.043	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.899	98	208817	4.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	8.182	79	27667	4.341	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.636	63	147557	43.968	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.940%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	56261	4.402	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	81999	5.133	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	721	0.068	ug/L #	21
22) cis-1,2-Dichloroethene	4.671	96	13479	1.116	ug/L	96
27) 1,2-Dichloroethane	5.732	62	1256	0.093	ug/L #	73
34) Trichloroethene	6.546	95	6512	0.543	ug/L	99
35) Methylcyclohexane	6.697	83	16005	0.791	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	7344	0.632	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1778	0.098	ug/L #	66
47) Tetrachloroethene	8.555	164	63435	6.522	ug/L	92
49) Dibromochloromethane	8.555	129	59837	5.507	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	9773	1.150	ug/L #	67

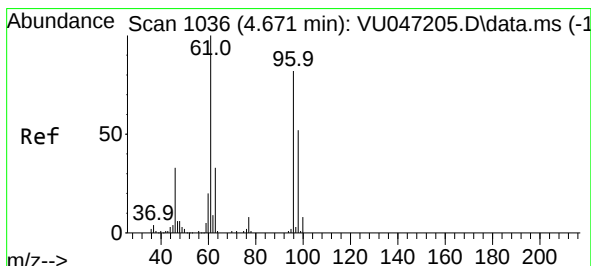
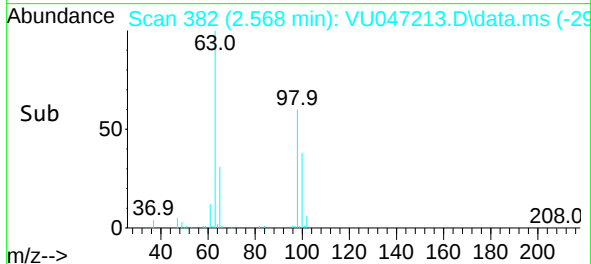
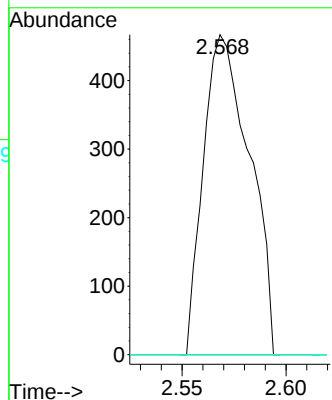
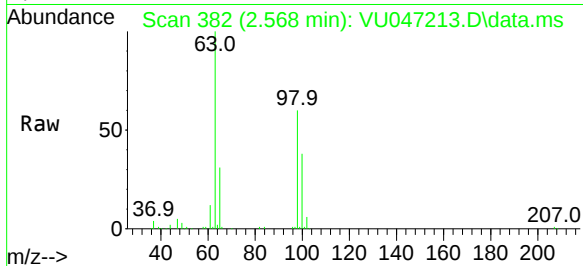
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.068 ug/L
 RT: 2.568 min Scan# 387
 Delta R.T. -0.016 min
 Lab File: VU047213.D
 Acq: 17 Feb 2022 18:45

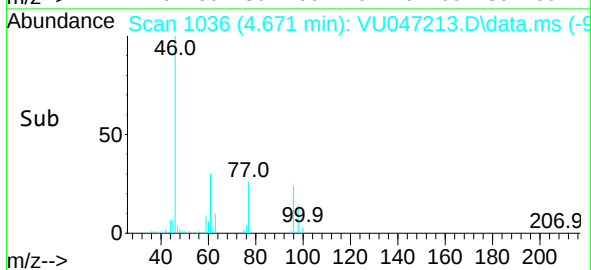
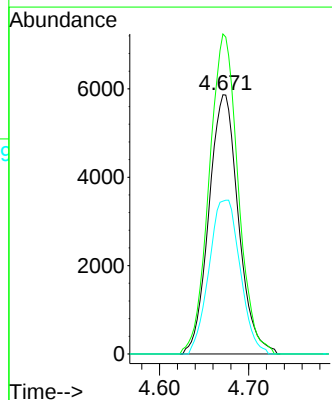
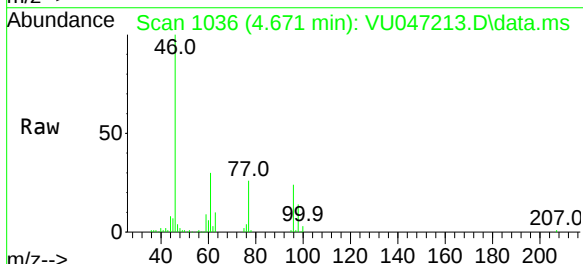
Instrument :
 MSVOA_U
 ClientSampleId :
 F4M66DL

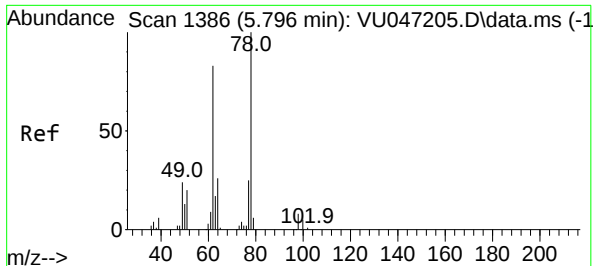
Tgt Ion:101 Resp: 721
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#22
 cis-1,2-Dichloroethene
 Concen: 1.116 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU047213.D
 Acq: 17 Feb 2022 18:45

Tgt Ion: 96 Resp: 13479
 Ion Ratio Lower Upper
 96 100
 61 123.5 88.5 164.3
 98 58.9 44.4 82.5





#27

1,2-Dichloroethane

Concen: 0.093 ug/L

RT: 5.732 min Scan# 11

Delta R.T. -0.064 min

Lab File: VU047213.D

Acq: 17 Feb 2022 18:45

Instrument :

MSVOA_U

ClientSampleId :

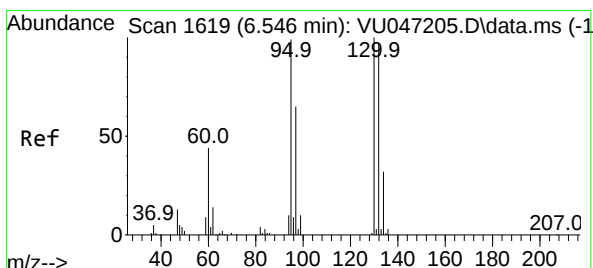
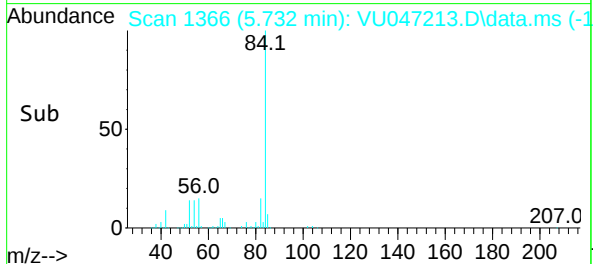
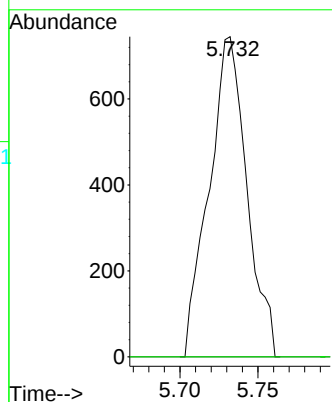
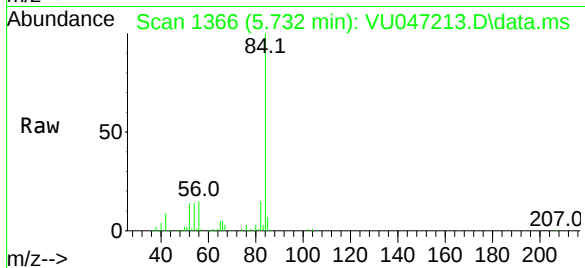
F4M66DL

Tgt Ion: 62 Resp: 1256

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#34

Trichloroethene

Concen: 0.543 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU047213.D

Acq: 17 Feb 2022 18:45

Tgt Ion: 95 Resp: 6512

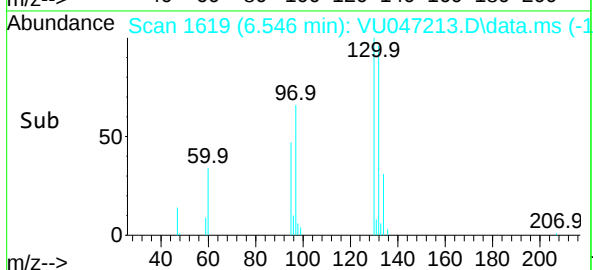
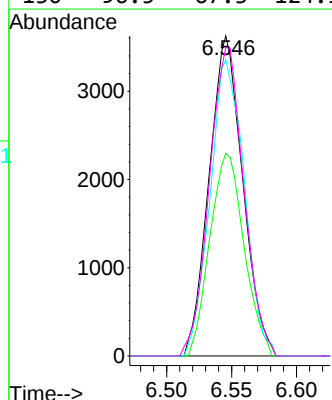
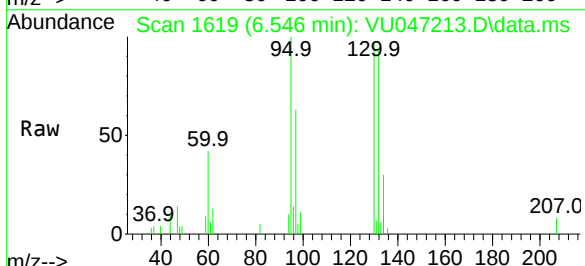
Ion Ratio Lower Upper

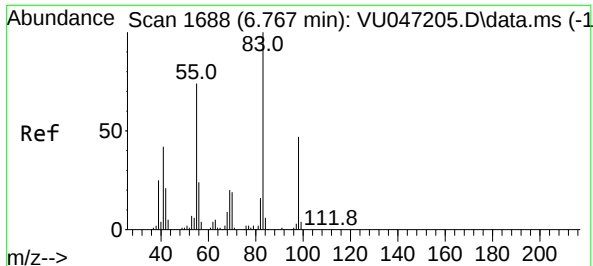
95 100

97 63.3 46.5 86.5

132 92.6 65.1 120.9

130 96.5 67.3 124.9





#35

Methylcyclohexane

Concen: 0.791 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU047213.D

Acq: 17 Feb 2022 18:45

Instrument :

MSVOA_U

ClientSampleId :

F4M66DL

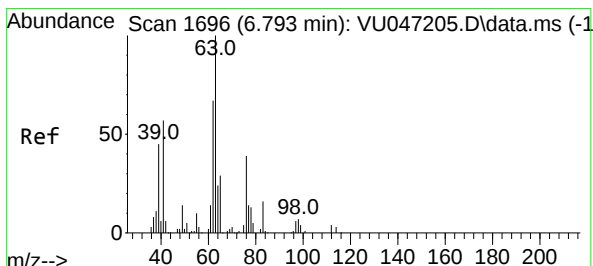
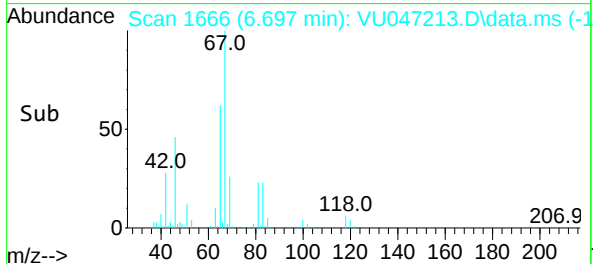
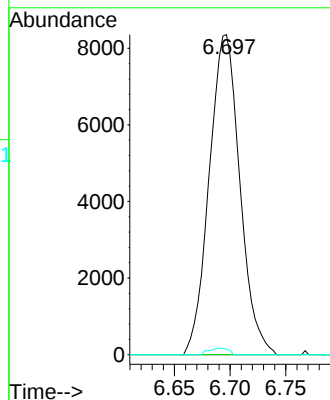
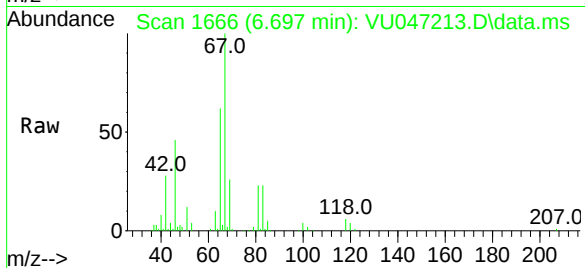
Tgt Ion: 83 Resp: 16005

Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 1.3 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.632 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU047213.D

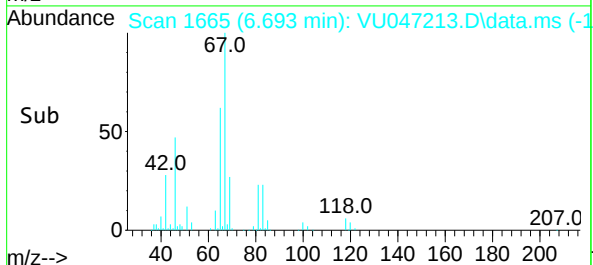
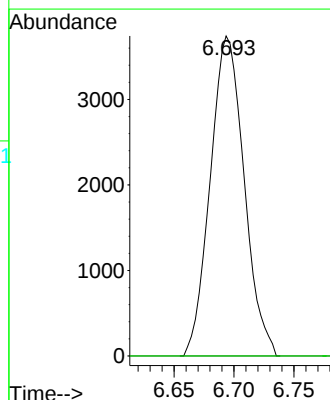
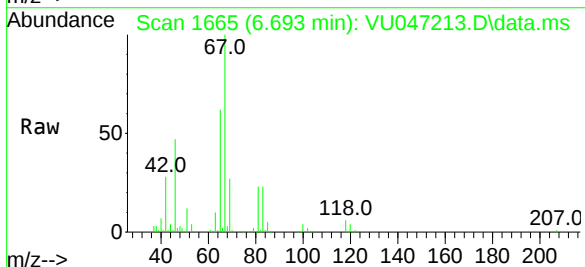
Acq: 17 Feb 2022 18:45

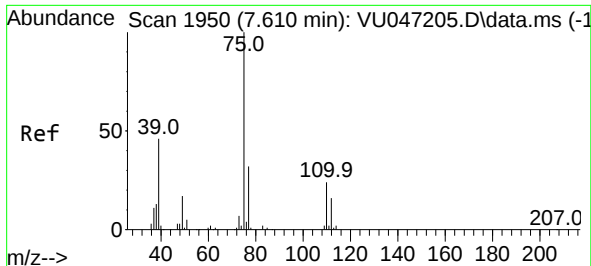
Tgt Ion: 63 Resp: 7344

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047213.D

Acq: 17 Feb 2022 18:45

Instrument :

MSVOA_U

ClientSampleId :

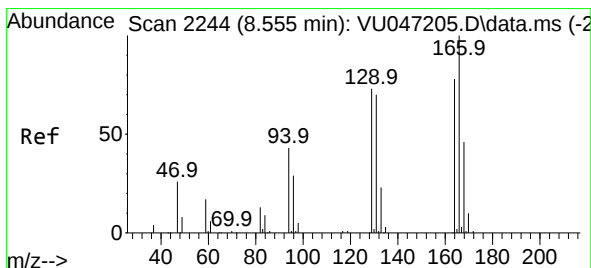
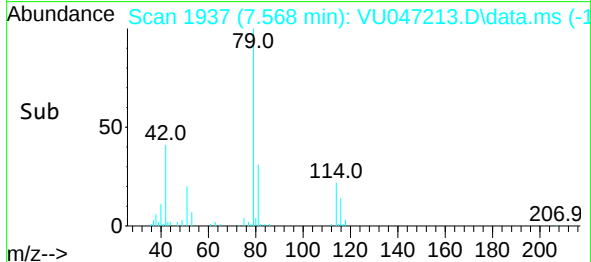
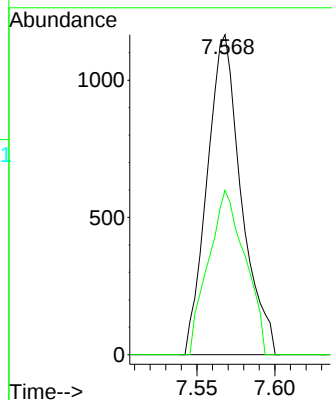
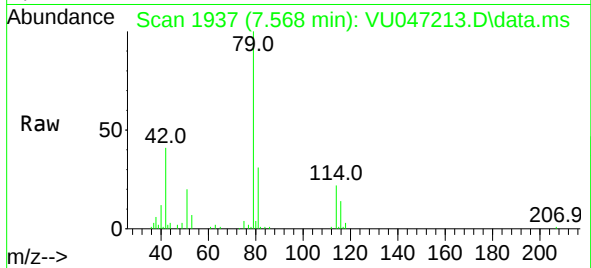
F4M66DL

Tgt Ion: 75 Resp: 1778

Ion Ratio Lower Upper

75 100

77 51.4 22.5 41.9#



#47

Tetrachloroethene

Concen: 6.522 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU047213.D

Acq: 17 Feb 2022 18:45

Tgt Ion: 164 Resp: 63435

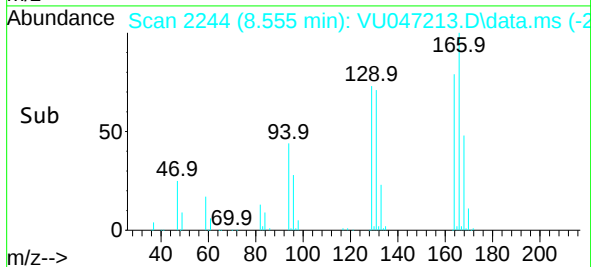
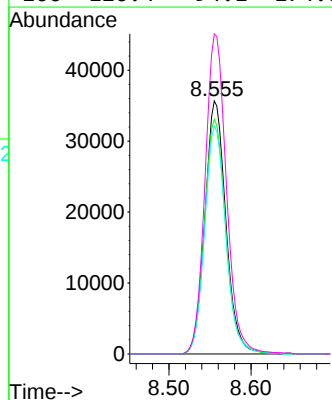
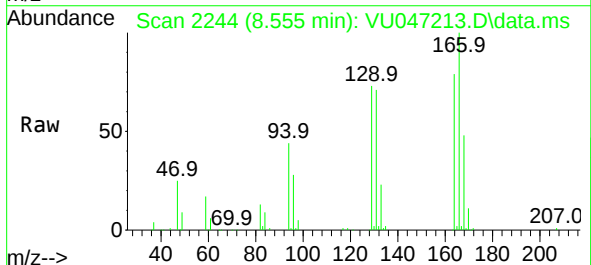
Ion Ratio Lower Upper

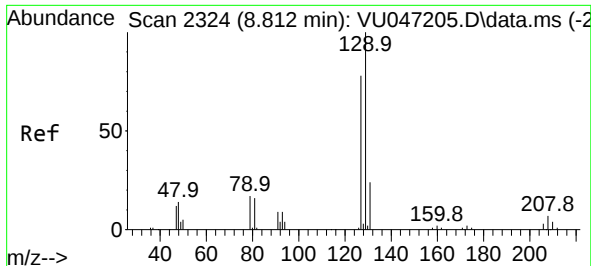
164 100

129 92.7 71.8 133.4

131 90.0 68.5 127.3

166 126.4 94.1 174.8

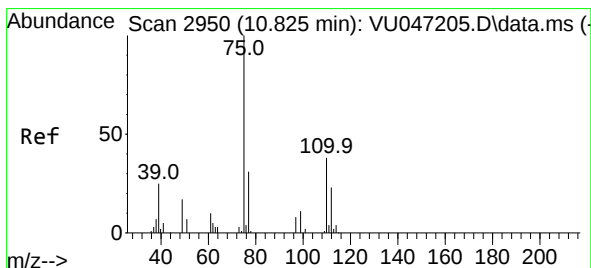
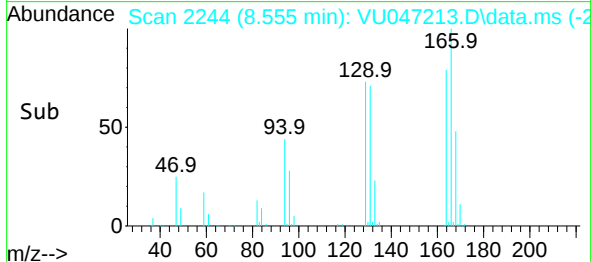
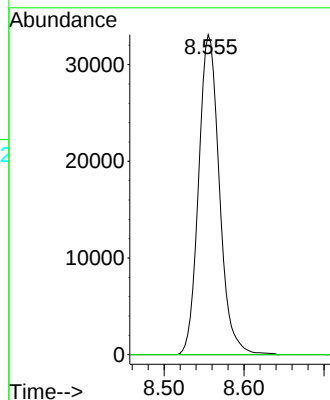
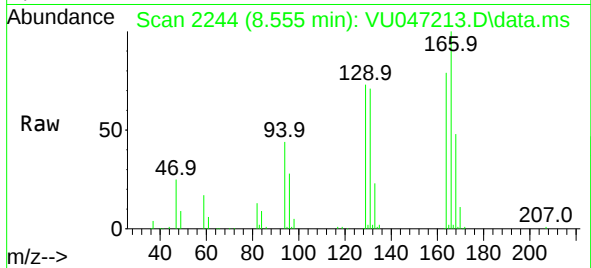




#49
Dibromochloromethane
Concen: 5.507 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU047213.D
Acq: 17 Feb 2022 18:45

Instrument :
MSVOA_U
ClientSampleId :
F4M66DL

Tgt Ion:129 Resp: 59837
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.150 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047213.D
Acq: 17 Feb 2022 18:45

Tgt Ion: 75 Resp: 9773
Ion Ratio Lower Upper
75 100
110 2.2 29.9 44.9#
77 33.0 25.5 38.3

