

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051960.D
 Acq On : 19 Nov 2022 17:49
 Operator : JC/MD
 Sample : N5684-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H5

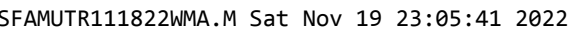
Quant Time: Nov 19 23:05:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

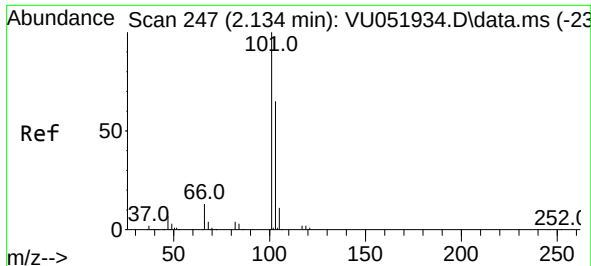
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	225463	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	233600	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	88262	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	104185	4.751	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.912	69	86127	5.056	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.565	65	38813	4.937	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	4.616	46	204005	51.319	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.640%
24) Chloroform-d	5.060	84	160258	4.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.700	65	86461	5.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.726	84	346451	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.687	67	112937	5.262	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.896	98	276700	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.176	79	35025	4.478	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.629	63	159998	48.272	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.540%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	94074	5.055	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	97053	5.743	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.800%
Target Compounds						
9) Trichlorofluoromethane	2.141	101	2205	0.082	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1421	0.086	ug/L #	34
17) Methyl tert-butyl Ether	3.362	73	5575	0.152	ug/L #	90
22) cis-1,2-Dichloroethene	4.668	96	7146	0.388	ug/L	96
34) Trichloroethene	6.539	95	203406	10.727	ug/L	99
35) Methylcyclohexane	6.687	83	25968	0.952	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	10963	0.557	ug/L #	89
47) Tetrachloroethene	8.552	164	46666	3.211	ug/L	98
49) Dibromochloromethane	8.549	129	45330	2.736	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	10380	1.028	ug/L #	70

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

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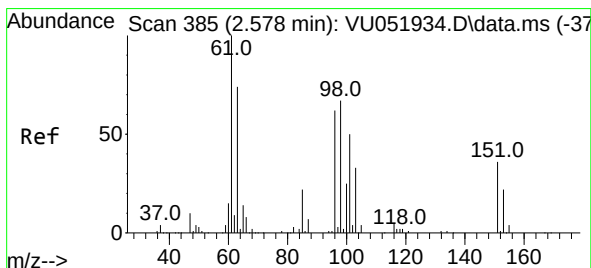
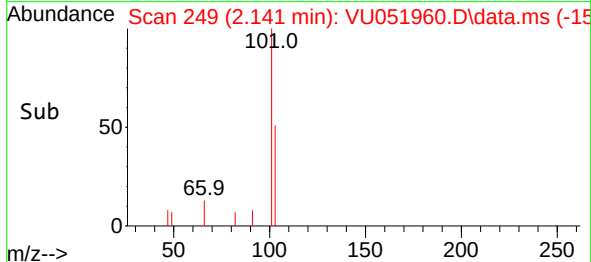
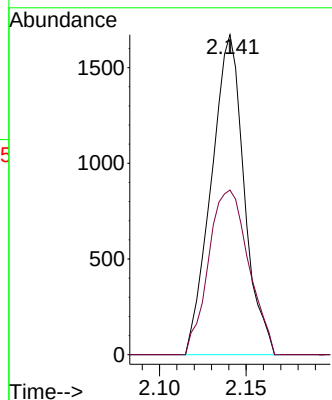
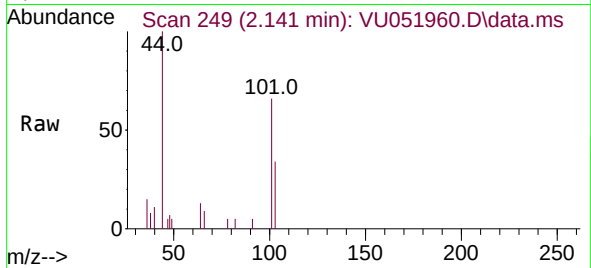




#9
 Trichlorofluoromethane
 Concen: 0.082 ug/L
 RT: 2.141 min Scan# 247
 Delta R.T. 0.006 min
 Lab File: VU051960.D
 Acq: 19 Nov 2022 17:49

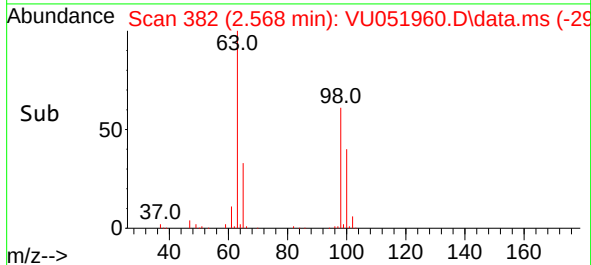
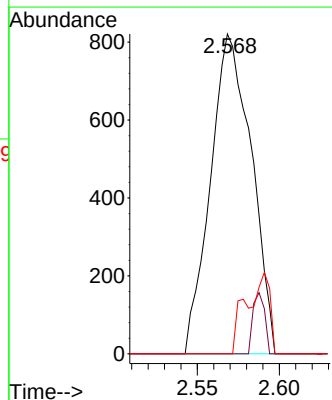
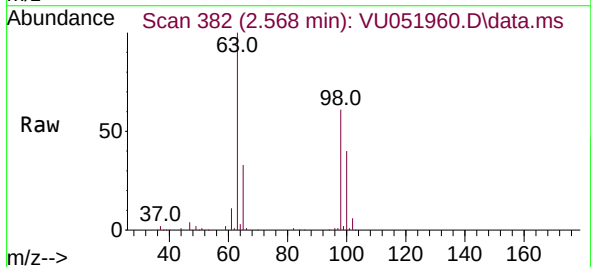
Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H5

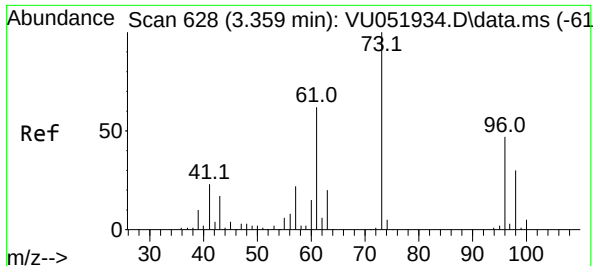
Tgt Ion:101 Resp: 2205
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.6 77.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.086 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU051960.D
 Acq: 19 Nov 2022 17:49

Tgt Ion:101 Resp: 1421
 Ion Ratio Lower Upper
 101 100
 85 16.8 33.8 50.6#
 151 5.3 58.6 88.0#





#17

Methyl tert-butyl Ether

Concen: 0.152 ug/L

RT: 3.362 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU051960.D

Acq: 19 Nov 2022 17:49

Instrument :

MSVOA_U

ClientSampleId :

BH1H5

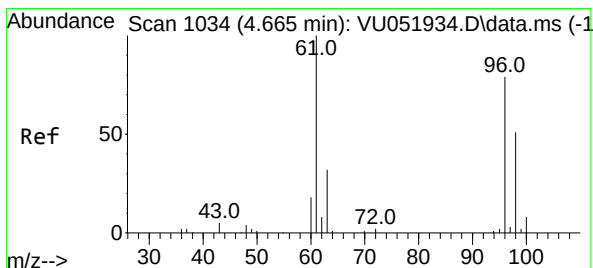
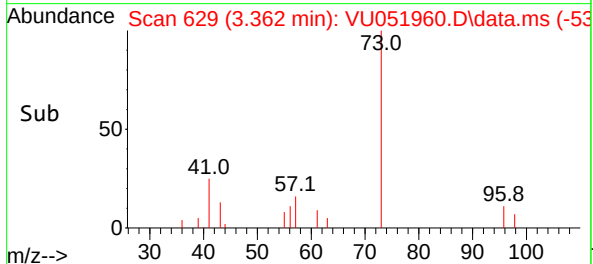
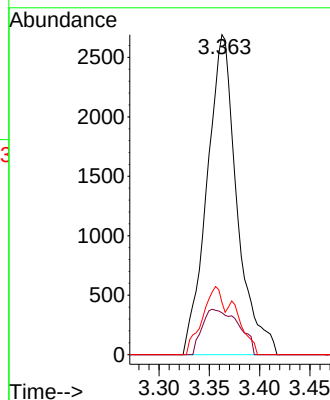
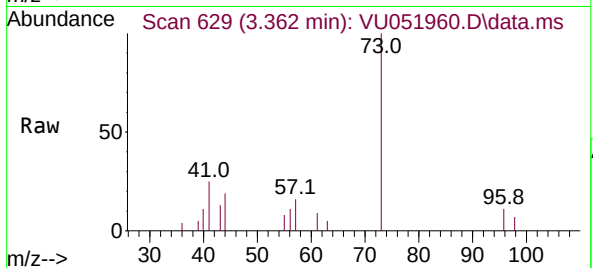
Tgt Ion: 73 Resp: 5575

Ion Ratio Lower Upper

73 100

43 17.2 13.2 19.8

57 14.9 17.8 26.8#



#22

cis-1,2-Dichloroethene

Concen: 0.388 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051960.D

Acq: 19 Nov 2022 17:49

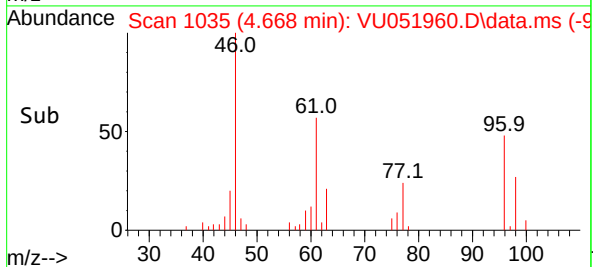
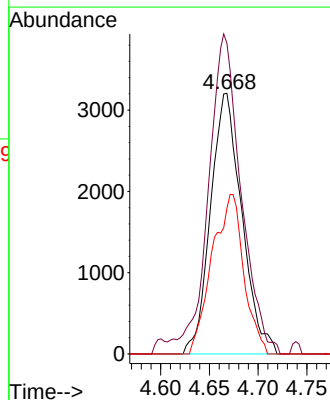
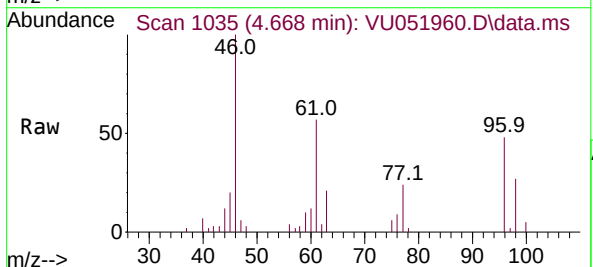
Tgt Ion: 96 Resp: 7146

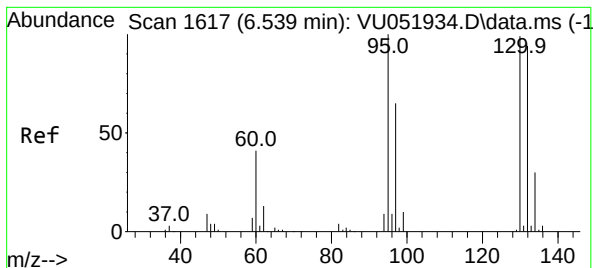
Ion Ratio Lower Upper

96 100

61 119.2 85.1 158.1

98 55.9 42.8 79.6





#34

Trichloroethene

Concen: 10.727 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051960.D

Acq: 19 Nov 2022 17:49

Instrument :

MSVOA_U

ClientSampleId :

BH1H5

Tgt Ion: 95 Resp: 203406

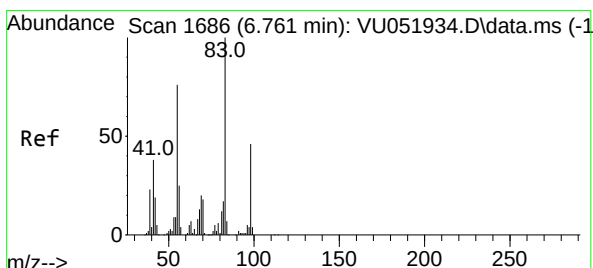
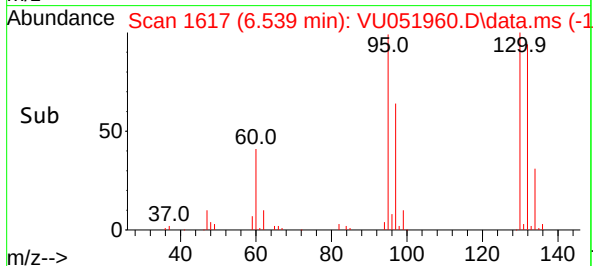
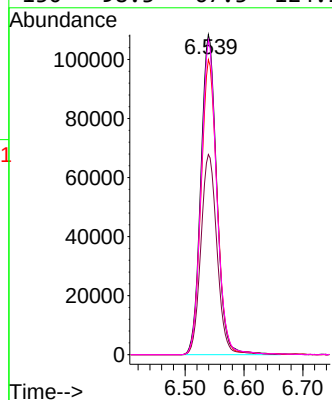
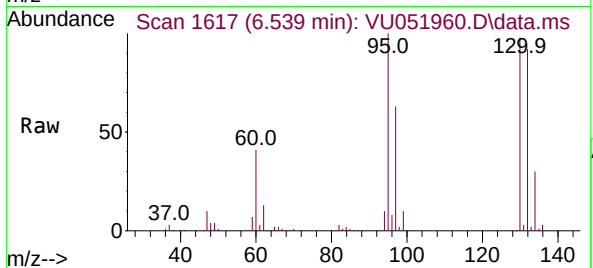
Ion Ratio Lower Upper

95 100

97 62.5 43.7 81.1

132 92.2 64.3 119.3

130 98.3 67.3 124.9



#35

Methylcyclohexane

Concen: 0.952 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.074 min

Lab File: VU051960.D

Acq: 19 Nov 2022 17:49

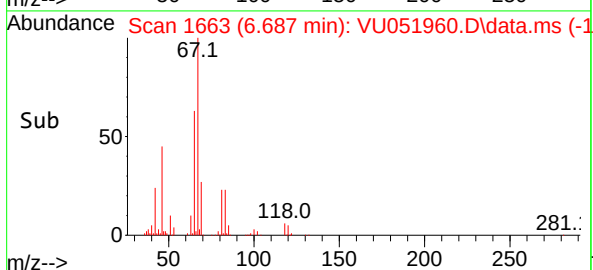
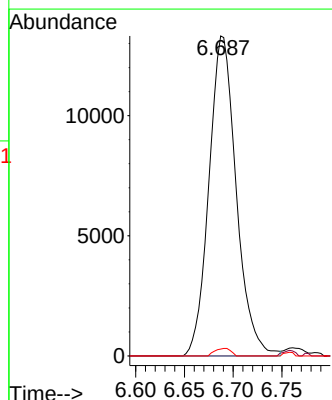
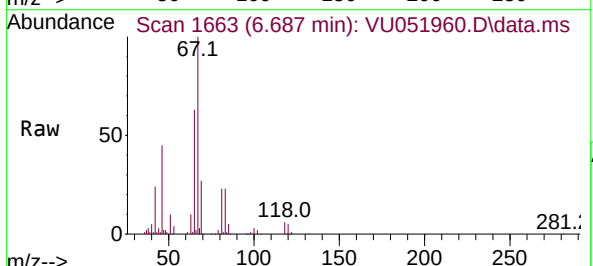
Tgt Ion: 83 Resp: 25968

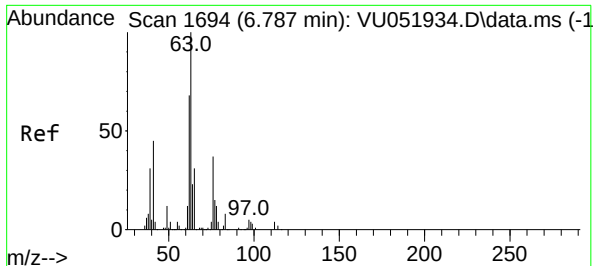
Ion Ratio Lower Upper

83 100

55 0.8 60.8 91.2#

98 1.4 35.1 52.7#

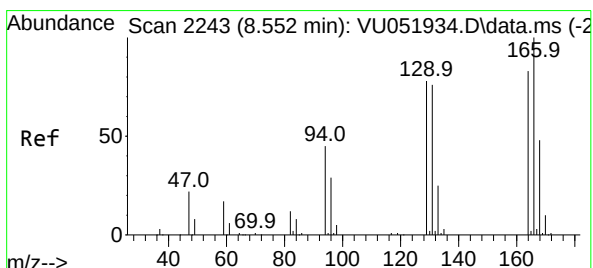
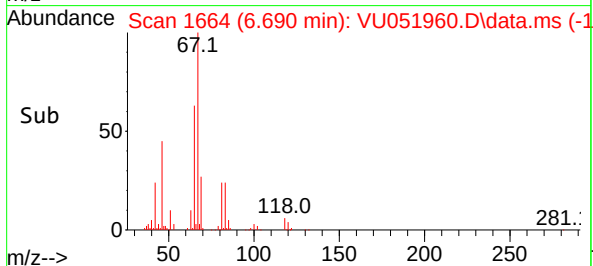
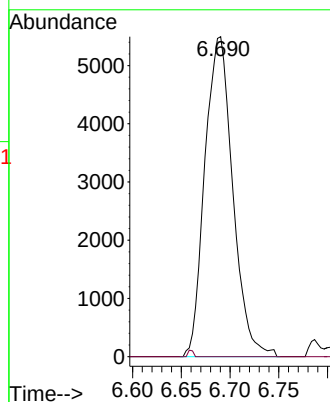
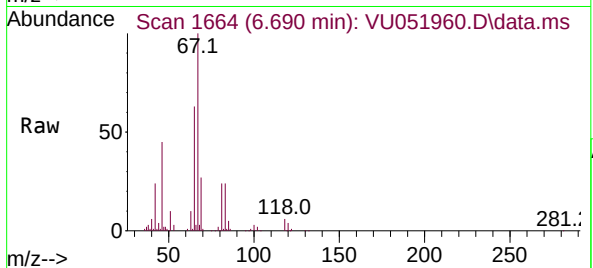




#37
1,2-Dichloropropane
Concen: 0.557 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU051960.D
Acq: 19 Nov 2022 17:49

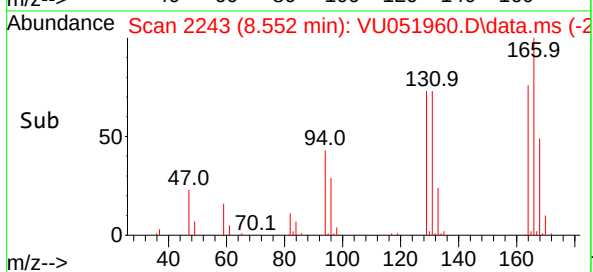
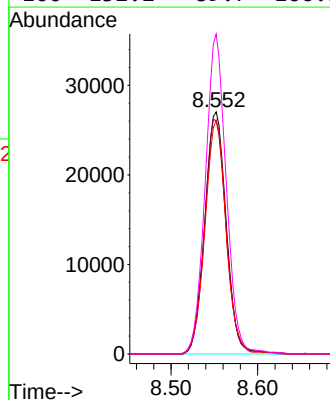
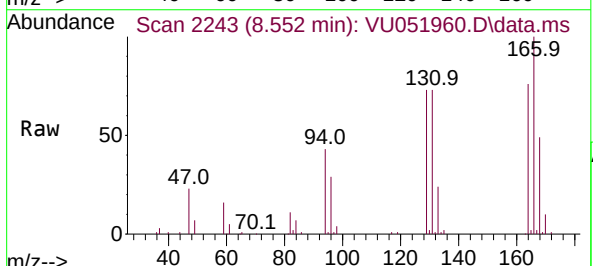
Instrument :
MSVOA_U
ClientSampleId :
BH1H5

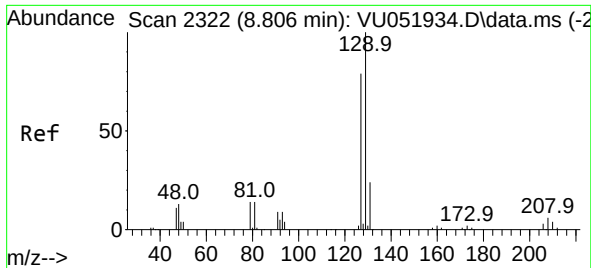
Tgt Ion: 63 Resp: 10963
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#



#47
Tetrachloroethene
Concen: 3.211 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051960.D
Acq: 19 Nov 2022 17:49

Tgt Ion: 164 Resp: 46666
Ion Ratio Lower Upper
164 100
129 96.3 67.4 125.2
131 96.6 67.1 124.7
166 132.2 89.7 166.5

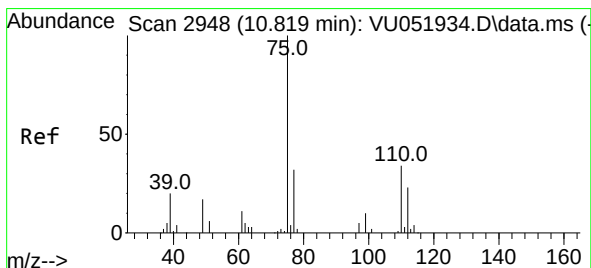
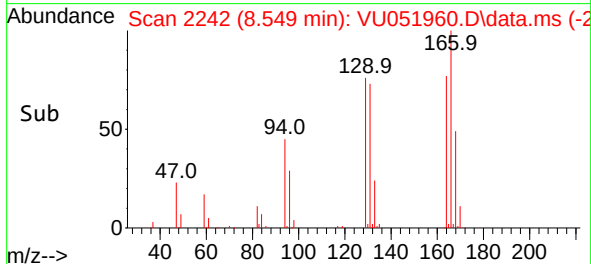
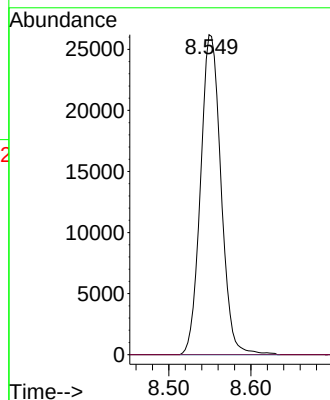
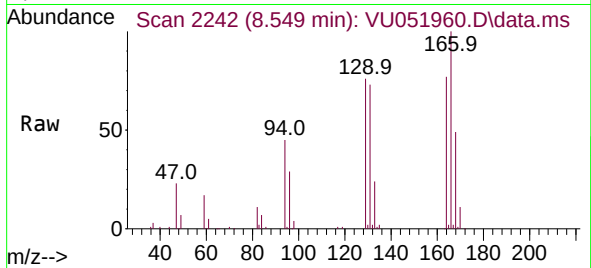




#49
 Dibromochloromethane
 Concen: 2.736 ug/L
 RT: 8.549 min Scan# 21
 Delta R.T. -0.257 min
 Lab File: VU051960.D
 Acq: 19 Nov 2022 17:49

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H5

Tgt Ion:129 Resp: 45330
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.8 98.2#



#61
 1,2,3-Trichloropropane
 Concen: 1.028 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.990 min
 Lab File: VU051960.D
 Acq: 19 Nov 2022 17:49

Tgt Ion: 75 Resp: 10380
 Ion Ratio Lower Upper
 75 100
 110 1.8 28.3 42.5#
 77 32.8 26.2 39.2

