

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051176.D
 Acq On : 06 Oct 2022 16:57
 Operator : JC/MD
 Sample : N4858-01ME
 Misc : 5.47g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGSE8ME

Quant Time: Oct 07 01:33:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 01:29:24 2022
 Response via : Initial Calibration

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

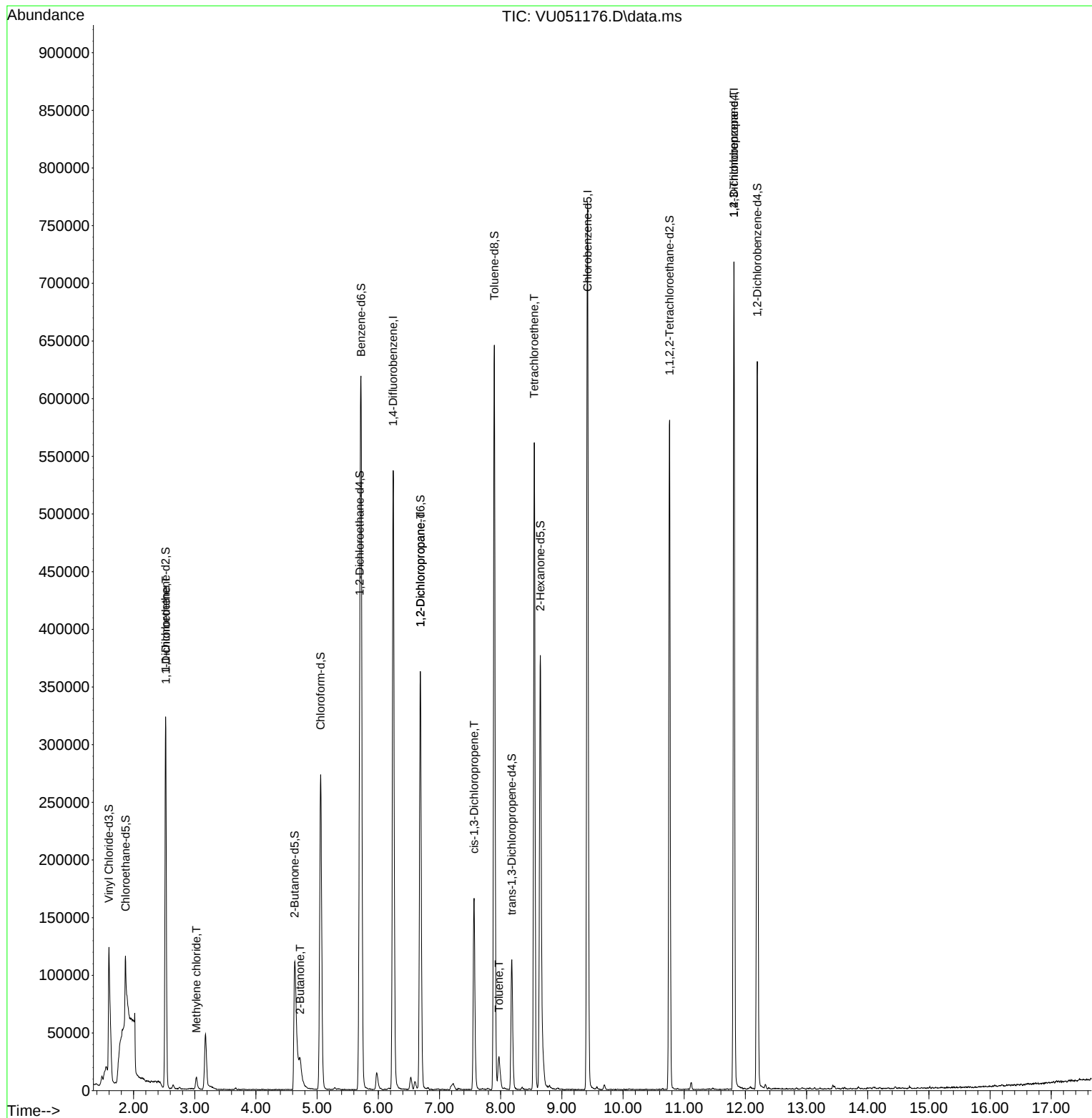
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	452127	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	463929	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	187833	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	144792	31.600	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	63.200%		
7) Chloroethane-d5	1.867	69	61891	14.541	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	29.080%#		
11) 1,1-Dichloroethene-d2	2.523	63	189334	27.973	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.940%#		
21) 2-Butanone-d5	4.633	46	209054	70.344	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	70.340%		
24) Chloroform-d	5.057	84	268310	36.345	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.700%		
26) 1,2-Dichloroethane-d4	5.697	65	178282	39.017	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.040%		
32) Benzene-d6	5.719	84	546127	40.199	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.400%		
36) 1,2-Dichloropropane-d6	6.687	67	187255	42.477	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.960%		
41) Toluene-d8	7.896	98	445809	35.517	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	71.040%#		
43) trans-1,3-Dichloroprop...	8.182	79	72428	34.446	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.900%		
47) 2-Hexanone-d5	8.648	63	129310	72.644	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	72.640%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	293977	38.156	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	76.320%		
66) 1,2-Dichlorobenzene-d4	12.195	152	166766	41.560	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.120%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.527	96	1684	0.522	ug/L #	1
16) Methylene chloride	3.025	84	5620	1.214	ug/L	89
22) 2-Butanone	4.723	43	33257	10.143	ug/L	95
37) 1,2-Dichloropropane	6.687	63	19213	5.044	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	4054	0.752	ug/L #	69
42) Toluene	7.970	91	19596	1.303	ug/L	97
46) Tetrachloroethene	8.549	164	125337	45.147	ug/L	97
60) 1,2,3-Trichloropropane	11.812	75	24007	4.857	ug/L #	67

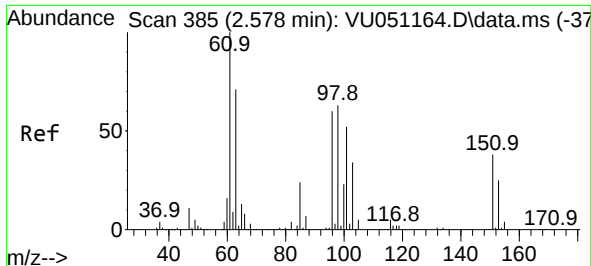
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.522 ug/L

RT: 2.527 min Scan# 3

Delta R.T. -0.052 min

Lab File: VU051176.D

Acq: 06 Oct 2022 16:57

Instrument :

MSVOA_U

ClientSampleId :

BGSE8ME

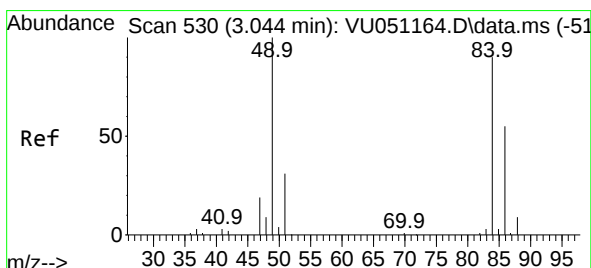
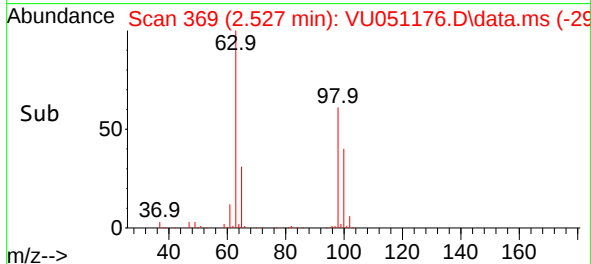
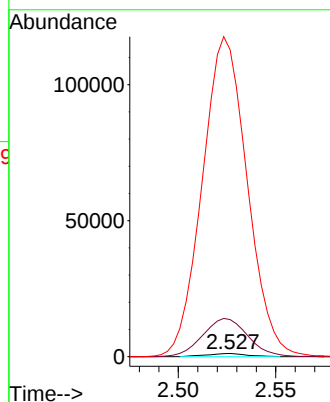
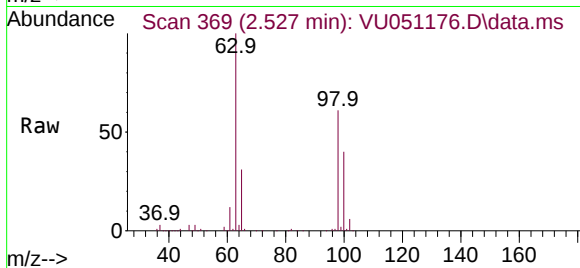
Tgt Ion: 96 Resp: 1684

Ion Ratio Lower Upper

96 100

61 1153.0 113.0 209.9#

63 9546.5 91.7 170.3#



#16

Methylene chloride

Concen: 1.214 ug/L

RT: 3.025 min Scan# 524

Delta R.T. -0.019 min

Lab File: VU051176.D

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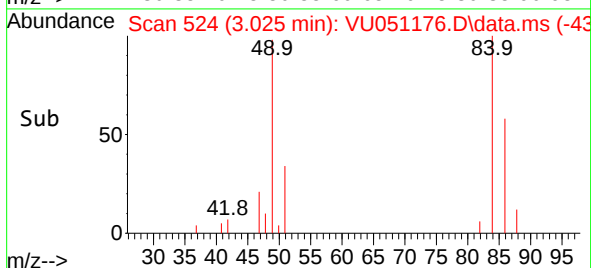
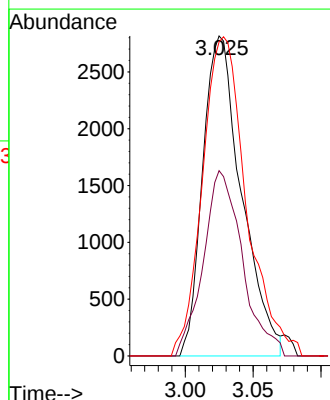
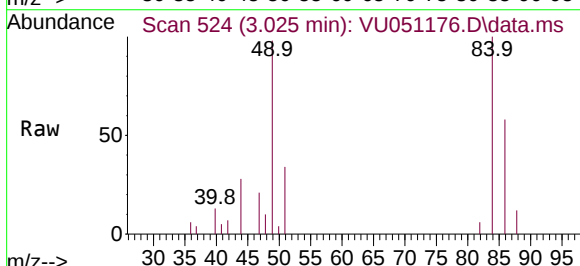
Tgt Ion: 84 Resp: 5620

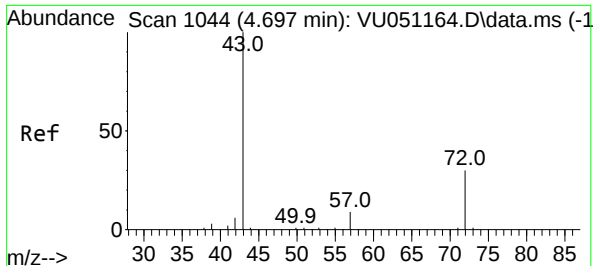
Ion Ratio Lower Upper

84 100

86 57.9 45.4 84.4

49 98.2 78.3 145.3





#22

2-Butanone

Concen: 10.143 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.026 min

Lab File: VU051176.D

Acq: 06 Oct 2022 16:57

Instrument :

MSVOA_U

ClientSampleId :

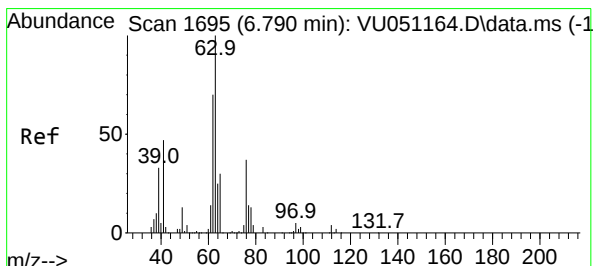
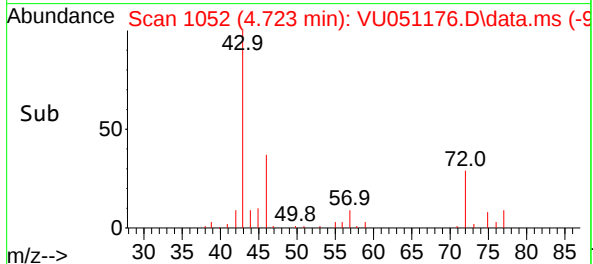
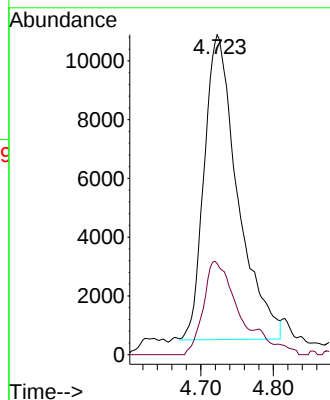
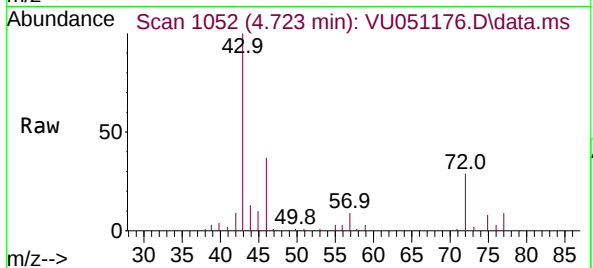
BGSE8ME

Tgt Ion: 43 Resp: 33257

Ion Ratio Lower Upper

43 100

72 28.8 15.8 47.4



#37

1,2-Dichloropropane

Concen: 5.044 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU051176.D

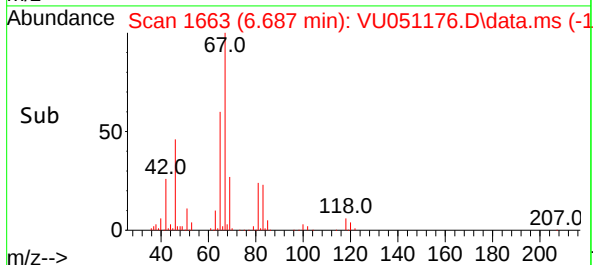
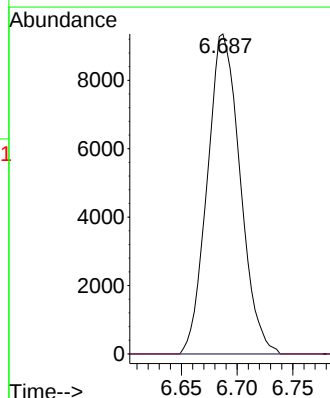
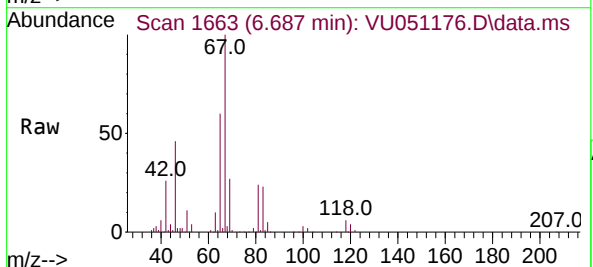
Acq: 06 Oct 2022 16:57

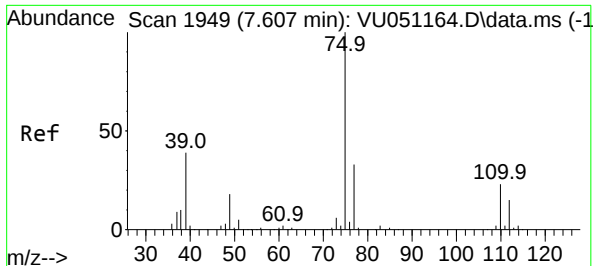
Tgt Ion: 63 Resp: 19213

Ion Ratio Lower Upper

63 100

112 0.3 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.752 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU051176.D

Acq: 06 Oct 2022 16:57

Instrument :

MSVOA_U

ClientSampleId :

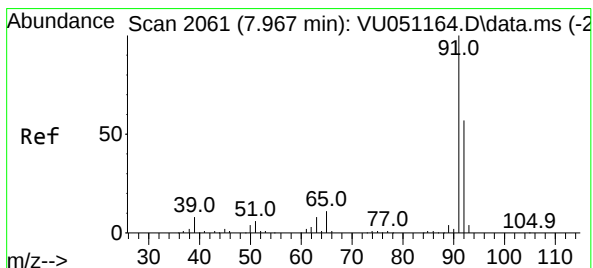
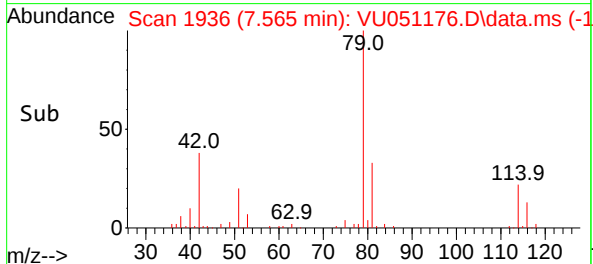
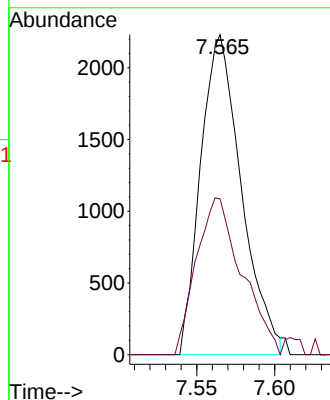
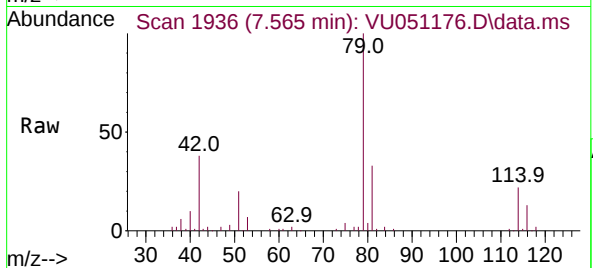
BGSE8ME

Tgt Ion: 75 Resp: 4054

Ion Ratio Lower Upper

75 100

77 48.7 22.0 41.0#



#42

Toluene

Concen: 1.303 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU051176.D

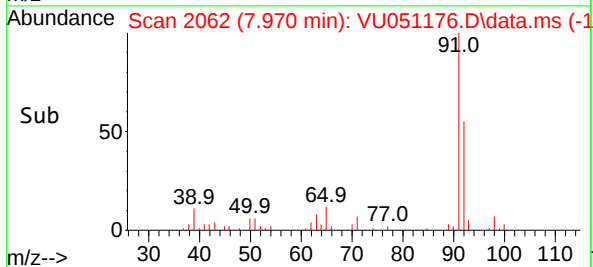
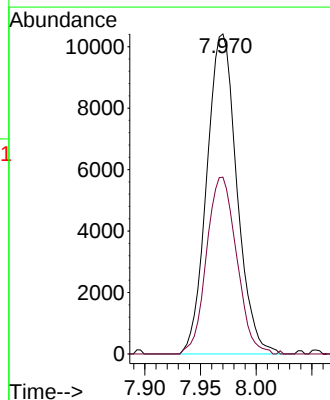
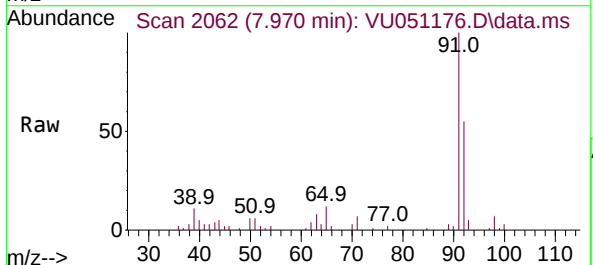
Acq: 06 Oct 2022 16:57

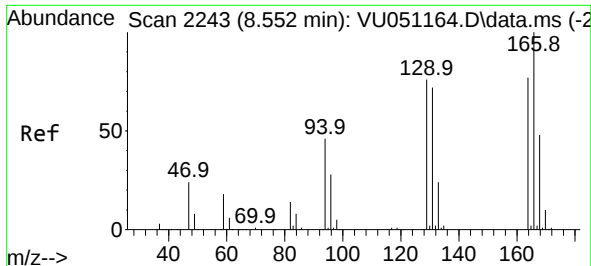
Tgt Ion: 91 Resp: 19596

Ion Ratio Lower Upper

91 100

92 55.3 40.1 74.5

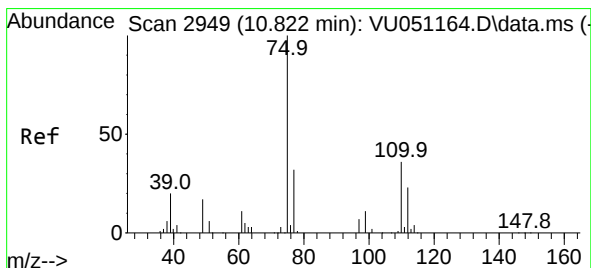
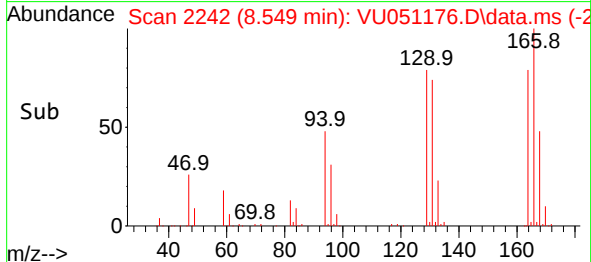
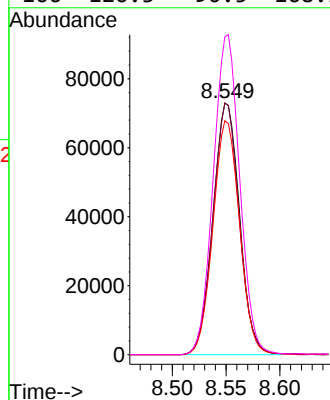
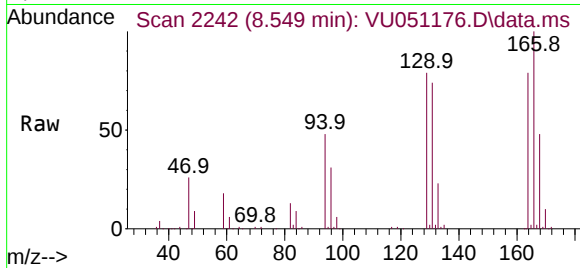




#46
Tetrachloroethene
Concen: 45.147 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051176.D
Acq: 06 Oct 2022 16:57

Instrument :
MSVOA_U
ClientSampleId :
BGSE8ME

Tgt Ion:164 Resp: 125337
Ion Ratio Lower Upper
164 100
129 99.9 68.1 126.5
131 92.9 67.8 126.0
166 126.3 90.5 168.1



#60
1,2,3-Trichloropropane
Concen: 4.857 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU051176.D
Acq: 06 Oct 2022 16:57

Tgt Ion: 75 Resp: 24007
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
110 1.3 30.0 45.0#

