

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051925.D
 Acq On : 19 Nov 2022 01:18
 Operator : JC/MD
 Sample : N5684-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J4

Quant Time: Nov 19 01:48:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 22:29:23 2022
 Response via : Initial Calibration

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

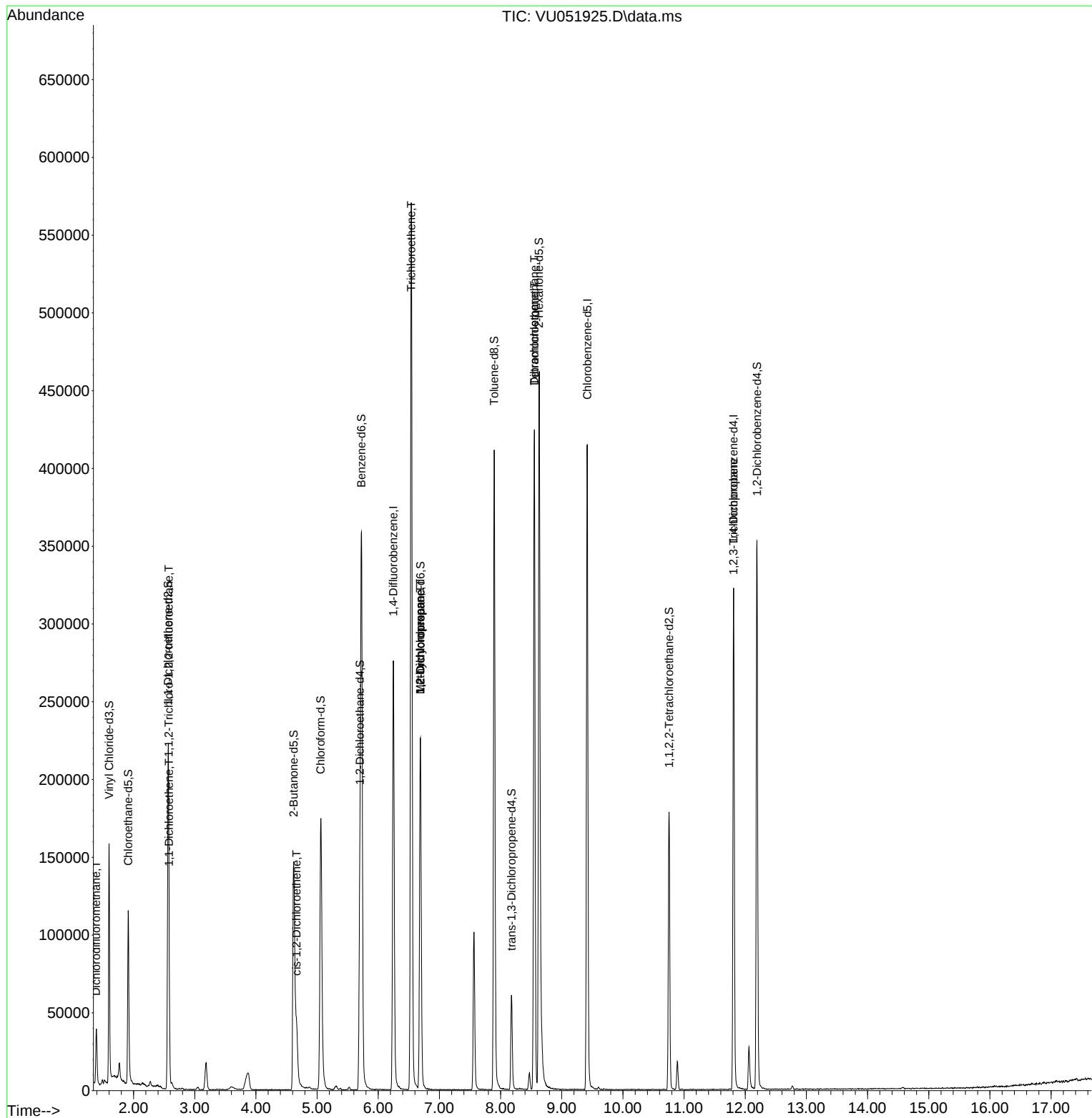
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	230467	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	240739	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	89121	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	115179	5.138	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.800%	
7) Chloroethane-d5	1.912	69	90960	5.224	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.400%	
11) 1,1-Dichloroethene-d2	2.565	65	40286	5.013	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.200%	
20) 2-Butanone-d5	4.616	46	204453	50.315	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.620%	
24) Chloroform-d	5.060	84	165933	5.038	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
26) 1,2-Dichloroethane-d4	5.700	65	90656	5.449	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.000%	
32) Benzene-d6	5.726	84	353356	4.944	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
36) 1,2-Dichloropropane-d6	6.690	67	115671	5.230	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.600%	
41) Toluene-d8	7.896	98	287167	4.441	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
43) trans-1,3-Dichloroprop...	8.179	79	36277	4.501	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.000%	
46) 2-Hexanone-d5	8.629	63	159200	46.607	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.220%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	94683	4.937	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	97476	5.713	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	114.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	10050	0.503	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	3861	0.229	ug/L #	75
12) 1,1-Dichloroethene	2.581	96	8615	0.515	ug/L #	1
22) cis-1,2-Dichloroethene	4.665	96	16228	0.863	ug/L	98
34) Trichloroethene	6.539	95	204955	10.488	ug/L	99
35) Methylcyclohexane	6.687	83	25594	0.910	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	11747	0.579	ug/L #	88
47) Tetrachloroethene	8.552	164	95924	6.405	ug/L	98
49) Dibromochloromethane	8.552	129	95418	5.589	ug/L #	12
61) 1,2,3-Trichloropropane	11.806	75	10993	1.078	ug/L #	66

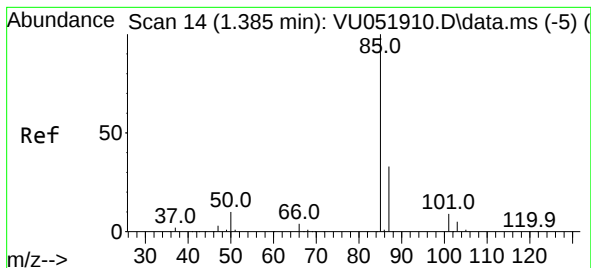
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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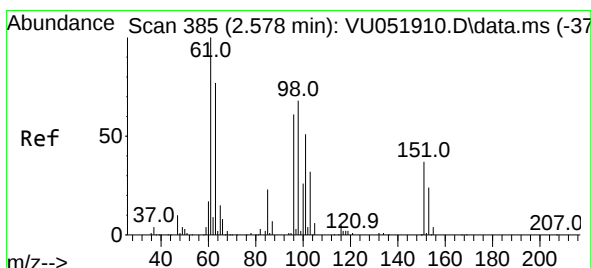
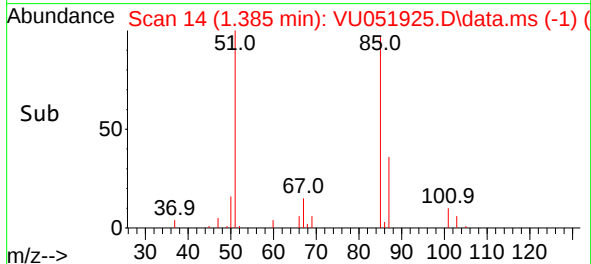
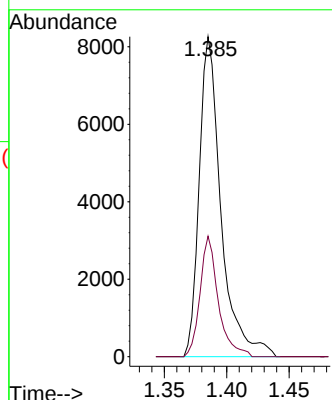
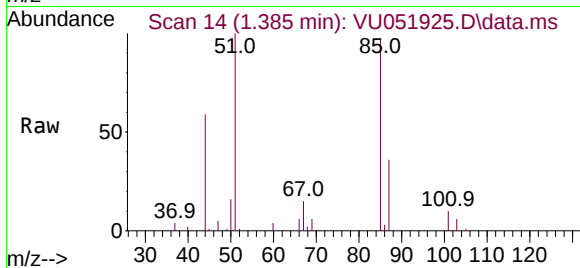




#2
Dichlorodifluoromethane
Concen: 0.503 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051925.D
Acq: 19 Nov 2022 01:18

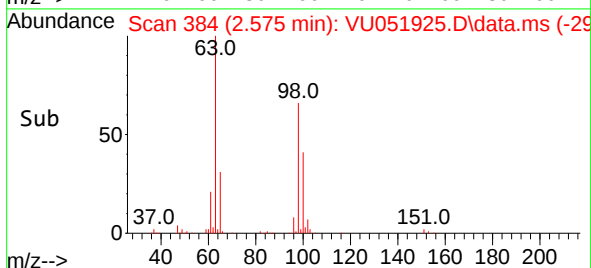
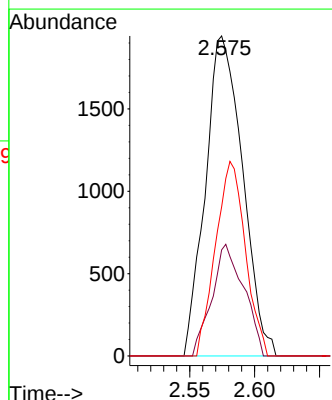
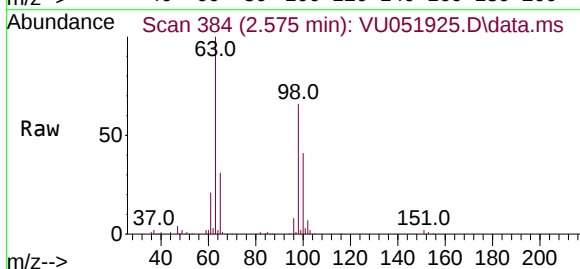
Instrument :
MSVOA_U
ClientSampleId :
BH1J4

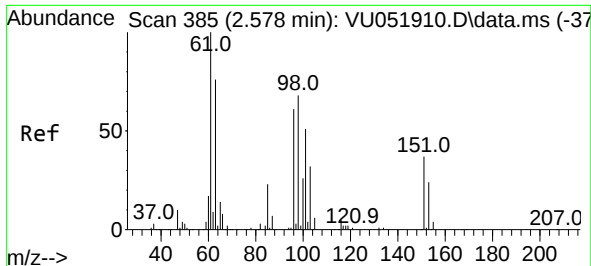
Tgt Ion: 85 Resp: 10050
Ion Ratio Lower Upper
85 100
87 31.6 25.8 38.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.229 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU051925.D
Acq: 19 Nov 2022 01:18

Tgt Ion: 101 Resp: 3861
Ion Ratio Lower Upper
101 100
85 30.1 33.8 50.6#
151 48.8 58.6 88.0#





#12

1,1-Dichloroethene

Concen: 0.515 ug/L

RT: 2.581 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU051925.D

Acq: 19 Nov 2022 01:18

Instrument :

MSVOA_U

ClientSampleId :

BH1J4

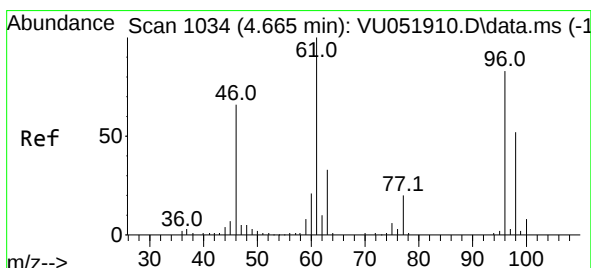
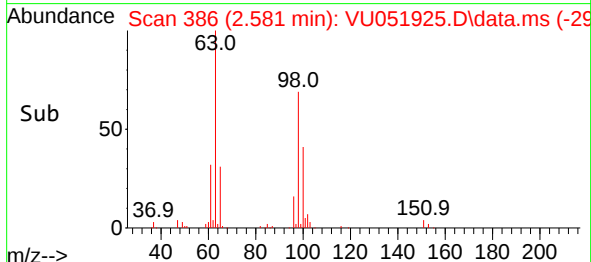
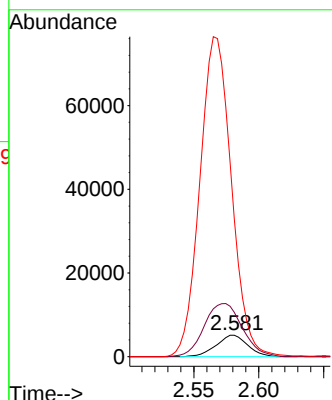
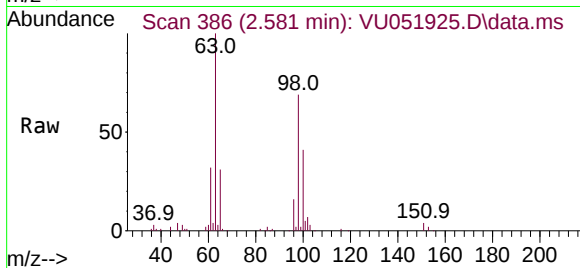
Tgt Ion: 96 Resp: 8615

Ion Ratio Lower Upper

96 100

61 206.5 114.8 213.2

63 642.9 93.7 174.1#



#22

cis-1,2-Dichloroethene

Concen: 0.863 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051925.D

Acq: 19 Nov 2022 01:18

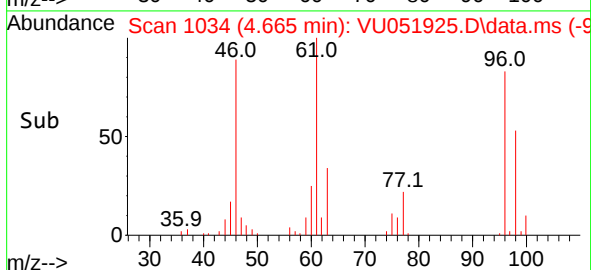
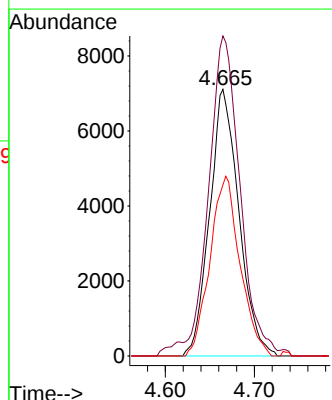
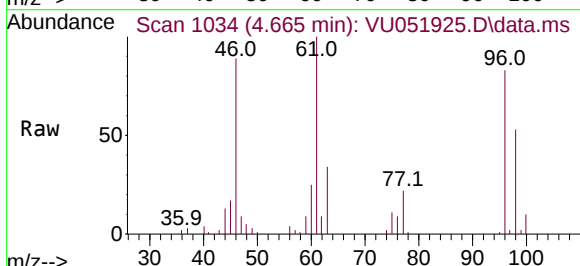
Tgt Ion: 96 Resp: 16228

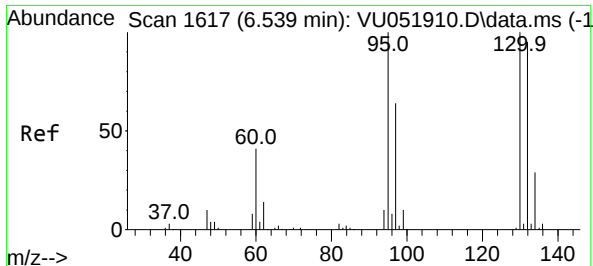
Ion Ratio Lower Upper

96 100

61 120.1 85.1 158.1

98 64.2 42.8 79.6

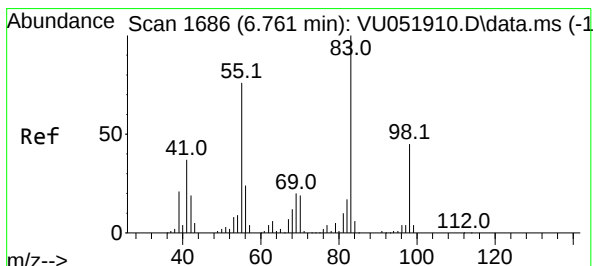
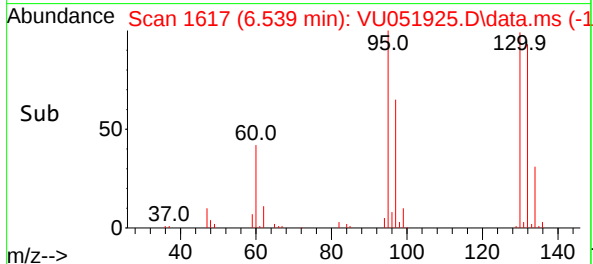
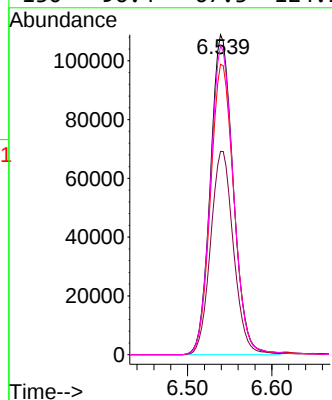
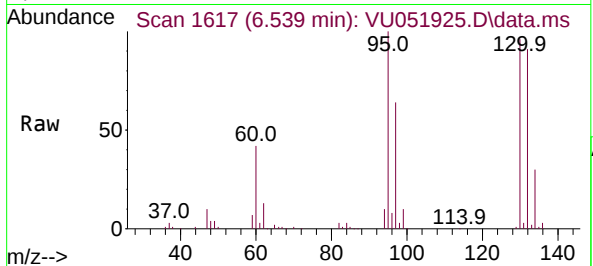




#34
Trichloroethene
Concen: 10.488 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051925.D
Acq: 19 Nov 2022 01:18

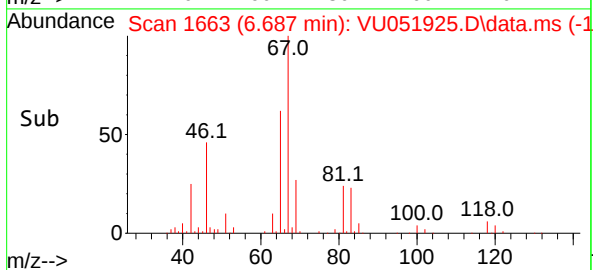
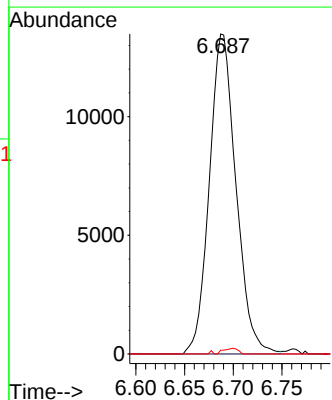
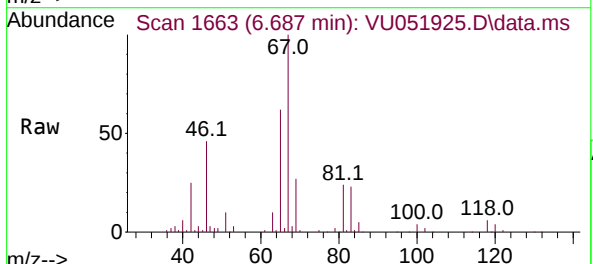
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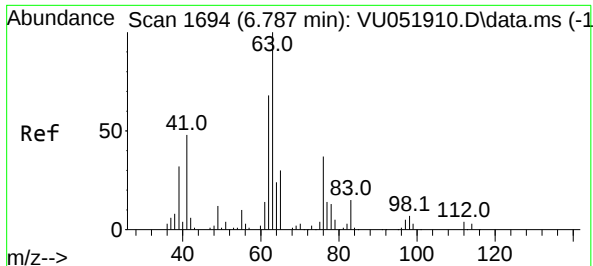
Tgt Ion: 95 Resp: 204955
Ion Ratio Lower Upper
95 100
97 63.5 43.7 81.1
132 90.7 64.3 119.3
130 96.4 67.3 124.9



#35
Methylcyclohexane
Concen: 0.910 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU051925.D
Acq: 19 Nov 2022 01:18

Tgt Ion: 83 Resp: 25594
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 1.0 35.1 52.7#

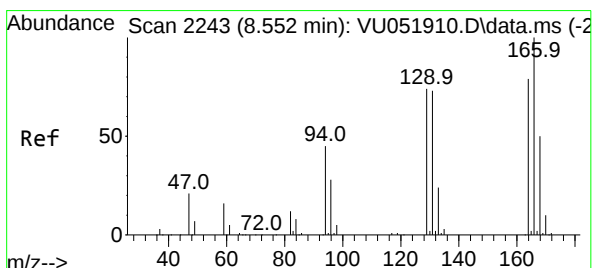
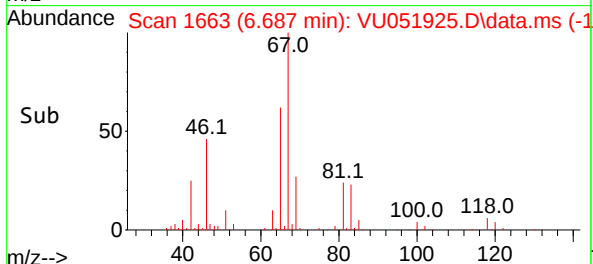
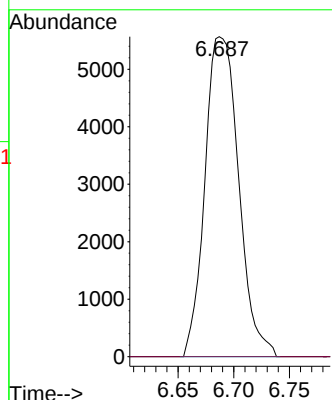
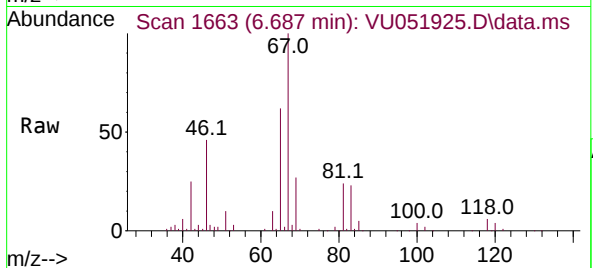




#37
1,2-Dichloropropane
Concen: 0.579 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU051925.D
Acq: 19 Nov 2022 01:18

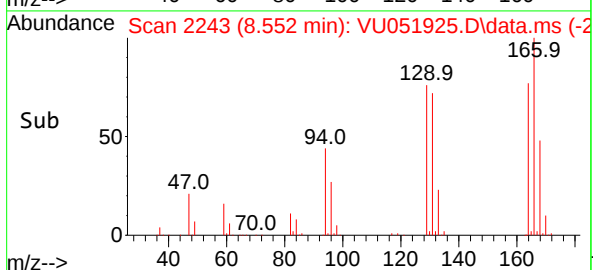
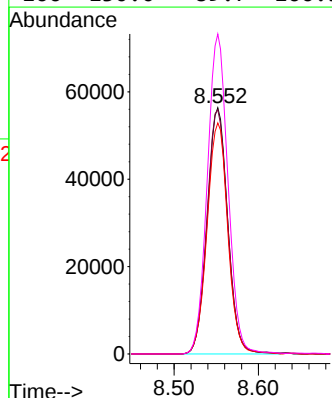
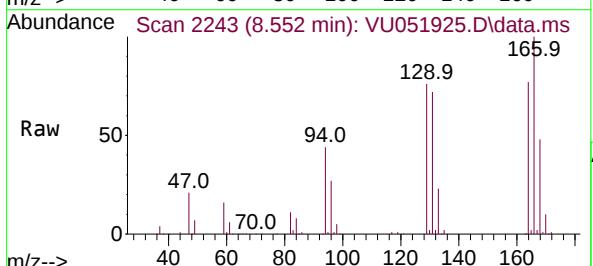
Instrument :
MSVOA_U
ClientSampleId :
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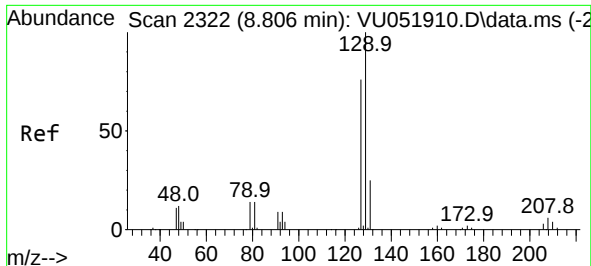
Tgt Ion: 63 Resp: 11747
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#47
Tetrachloroethene
Concen: 6.405 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051925.D
Acq: 19 Nov 2022 01:18

Tgt Ion: 164 Resp: 95924
Ion Ratio Lower Upper
164 100
129 99.2 67.4 125.2
131 93.8 67.1 124.7
166 130.0 89.7 166.5





#49

Dibromochloromethane

Concen: 5.589 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU051925.D

Acq: 19 Nov 2022 01:18

Instrument :

MSVOA_U

ClientSampleId :

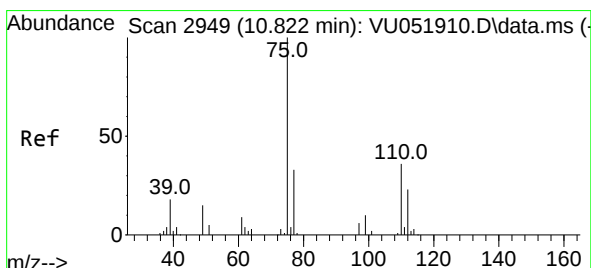
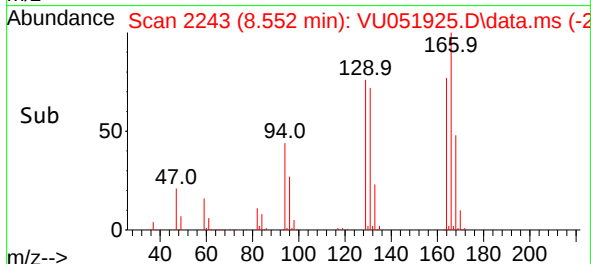
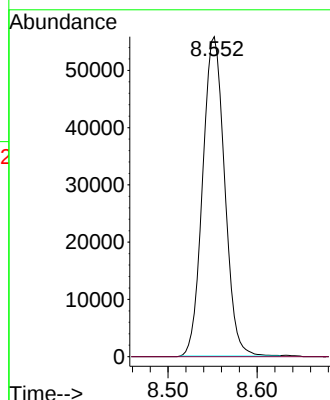
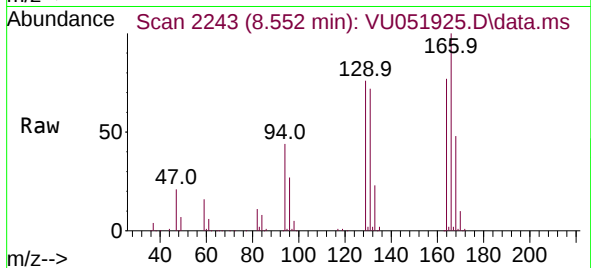
BH1J4

Tgt Ion:129 Resp: 95418

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#



#61

1,2,3-Trichloropropane

Concen: 1.078 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.984 min

Lab File: VU051925.D

Acq: 19 Nov 2022 01:18

Tgt Ion: 75 Resp: 10993

Ion Ratio Lower Upper

75 100

110 1.9 28.3 42.5#

77 28.2 26.2 39.2

