

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051618.D
 Acq On : 31 Oct 2022 18:00
 Operator : JC/MD
 Sample : N5353-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWR1

Quant Time: Nov 01 01:28:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 01:25:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	192227	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	203059	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	83376	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50513	3.489	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.800%
7) Chloroethane-d5	1.909	69	62129	4.115	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.565	65	18400	3.502	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	4.617	46	276365	52.709	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.420%
24) Chloroform-d	5.060	84	155693	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.700	65	87169	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.726	84	269356	4.203	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.690	67	104342	4.657	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.896	98	181765	3.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
43) trans-1,3-Dichloroprop...	8.179	79	27126	3.959	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.629	63	215698	52.299	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.600%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	96623	4.706	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	72843	4.760	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	119948	4.725	ug/L #	33
8) Chloroethane	1.790	64	3240	0.210	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	700	0.043	ug/L #	19
12) 1,1-Dichloroethene	2.578	96	38081	2.279	ug/L #	80
14) Carbon disulfide	2.793	76	7859	0.146	ug/L #	93
18) trans-1,2-Dichloroethene	3.353	96	56603	3.156	ug/L	93
22) cis-1,2-Dichloroethene	4.662	96	2021490	101.865	ug/L	99
33) Benzene	5.774	78	19136	0.239	ug/L	100
34) Trichloroethene	6.539	95	4106252	212.337	ug/L	97
37) 1,2-Dichloropropane	6.690	63	11143	0.541	ug/L #	89
47) Tetrachloroethene	8.552	164	921496	62.219	ug/L	95
49) Dibromochloromethane	8.552	129	884347	51.255	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	10497	0.974	ug/L #	66
62) 1,3,5-Trimethylbenzene	11.089	105	2514	0.153	ug/L	92
63) 1,2,4-Trimethylbenzene	11.468	105	6112	0.129	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	2355	0.078	ug/L	96
71) Naphthalene	14.095	128	4056	0.131	ug/L #	96

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QLast Update : Tue Nov 01 01:25:31 2022
Response via : Initial Calibration

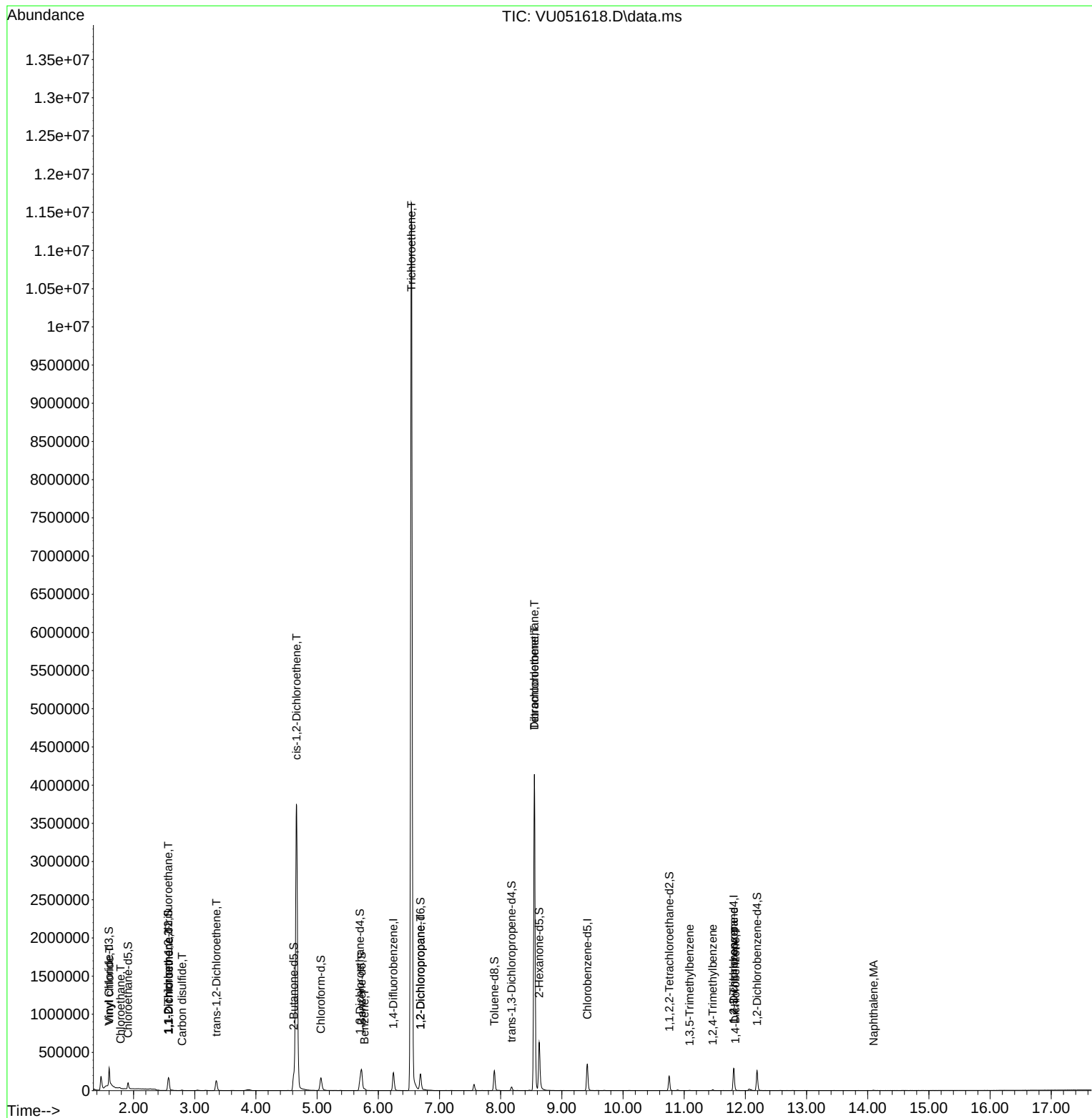
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

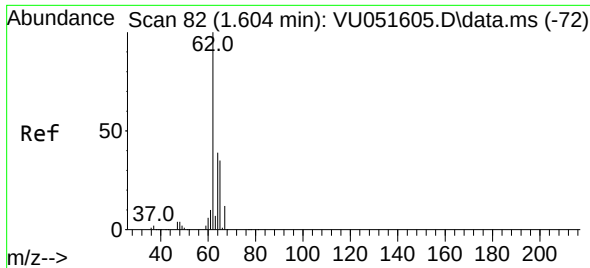
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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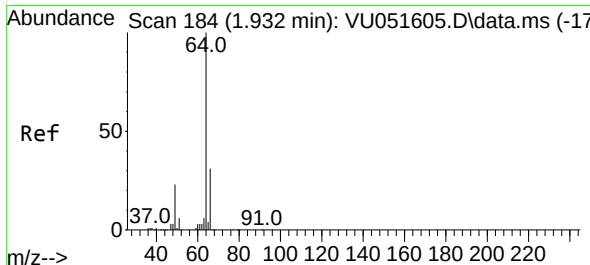
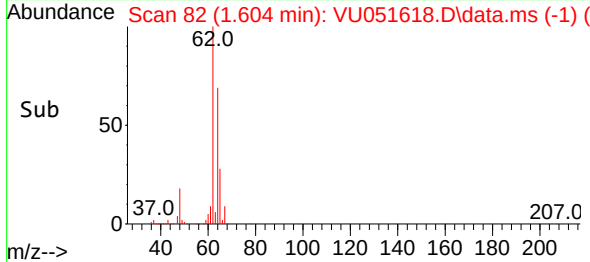
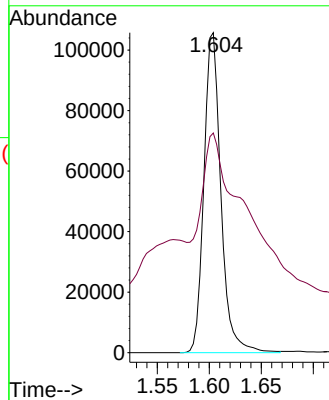
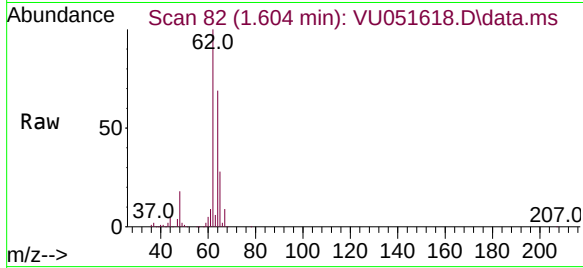




#5
 Vinyl chloride
 Concen: 4.725 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051618.D
 Acq: 31 Oct 2022 18:00

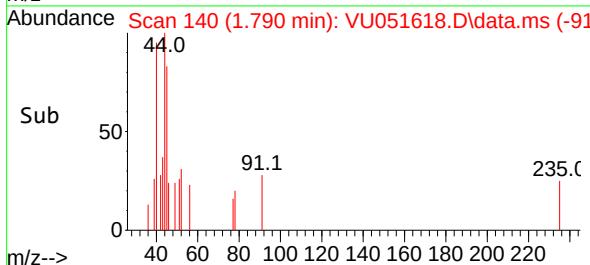
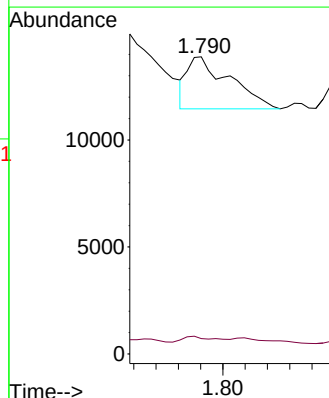
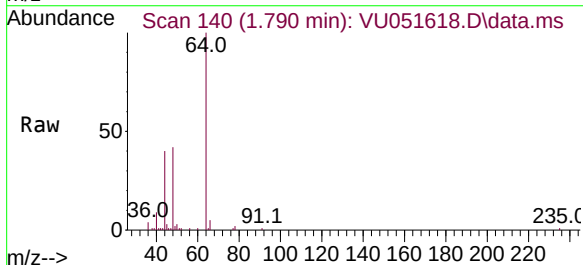
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWR1

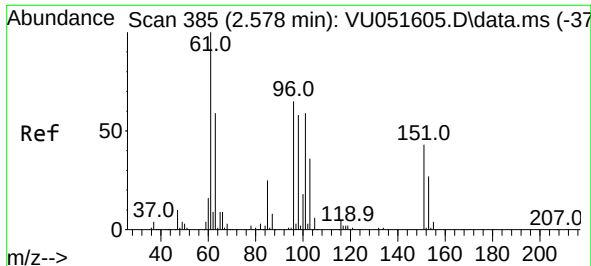
Tgt Ion: 62 Resp: 119948
 Ion Ratio Lower Upper
 62 100
 64 68.6 22.1 41.1#



#8
 Chloroethane
 Concen: 0.210 ug/L
 RT: 1.790 min Scan# 140
 Delta R.T. -0.141 min
 Lab File: VU051618.D
 Acq: 31 Oct 2022 18:00

Tgt Ion: 64 Resp: 3240
 Ion Ratio Lower Upper
 64 100
 66 5.2 22.3 41.5#

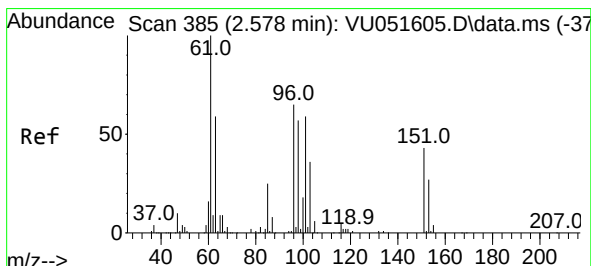
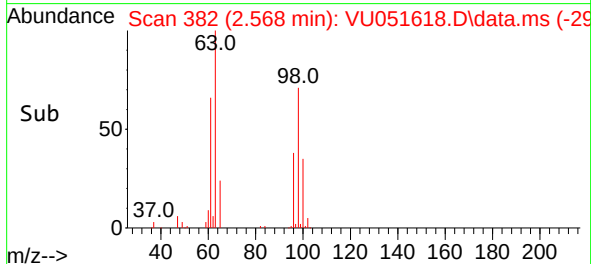
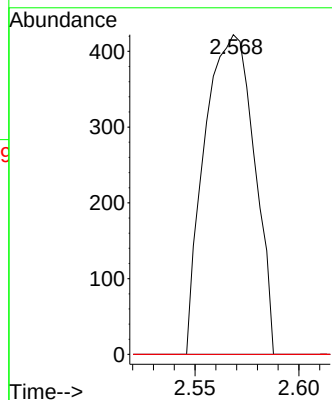
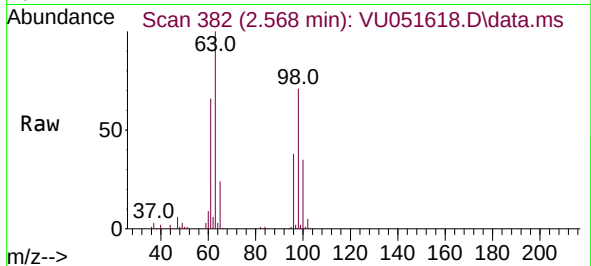




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.043 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.009 min
 Lab File: VU051618.D
 Acq: 31 Oct 2022 18:00

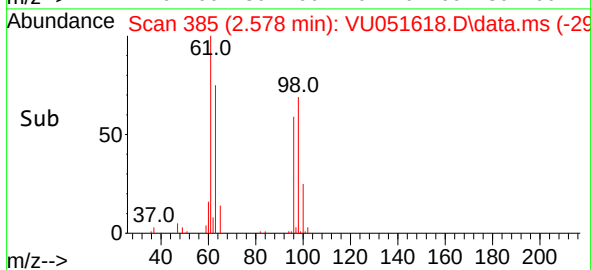
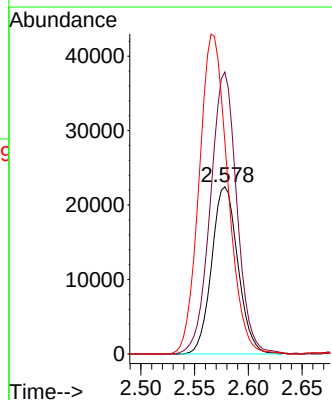
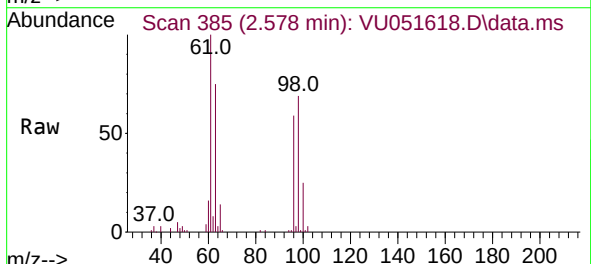
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWR1

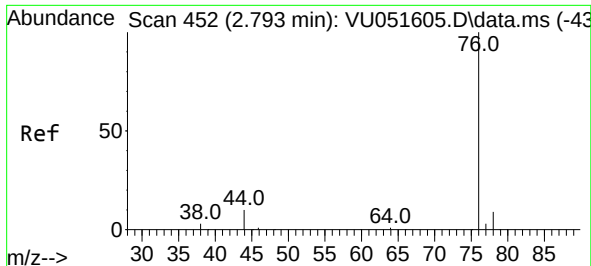
Tgt Ion:101 Resp: 700
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 59.6 89.4#



#12
 1,1-Dichloroethene
 Concen: 2.279 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051618.D
 Acq: 31 Oct 2022 18:00

Tgt Ion: 96 Resp: 38081
 Ion Ratio Lower Upper
 96 100
 61 168.6 108.8 202.0
 63 127.2 64.9 120.5#

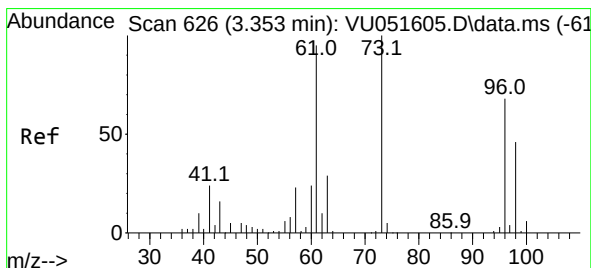
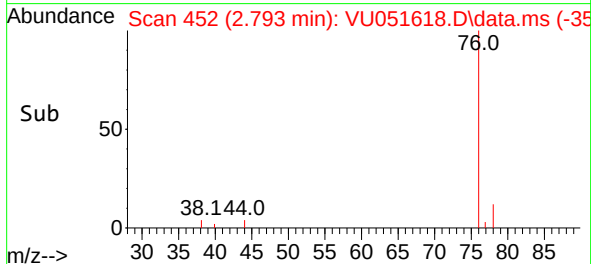
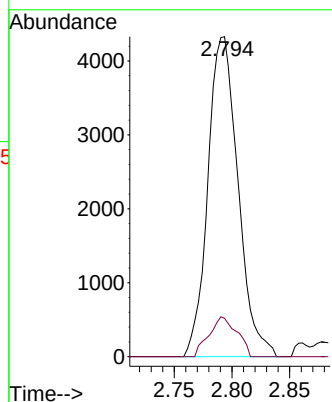
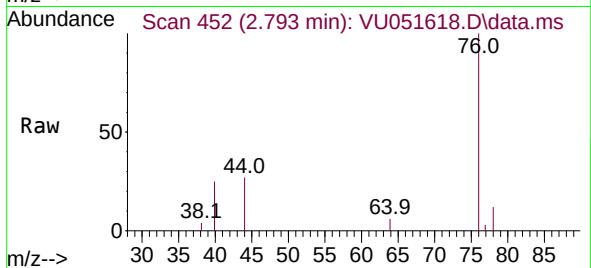




#14
Carbon disulfide
Concen: 0.146 ug/L
RT: 2.793 min Scan# 414
Delta R.T. 0.000 min
Lab File: VU051618.D
Acq: 31 Oct 2022 18:00

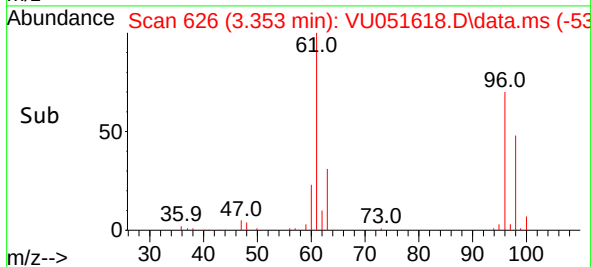
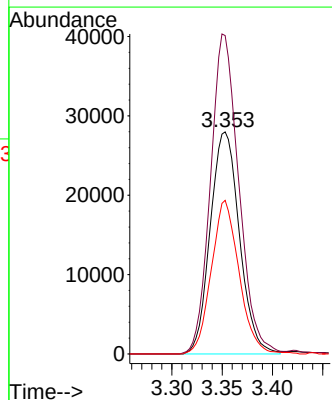
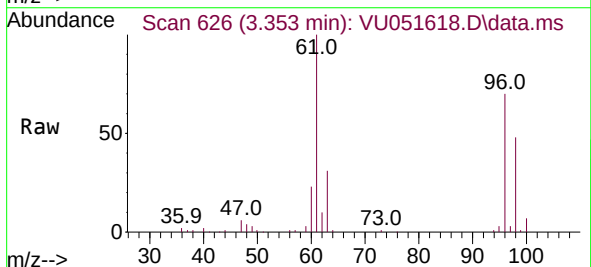
Instrument :
MSVOA_U
ClientSampleId :
DBWR1

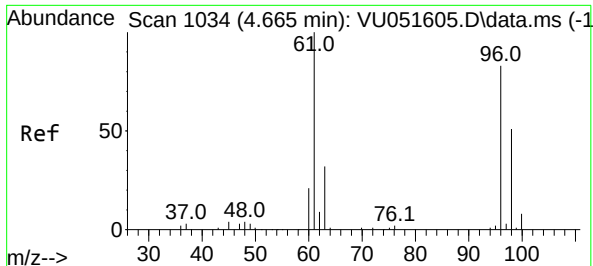
Tgt Ion: 76 Resp: 7859
Ion Ratio Lower Upper
76 100
78 12.0 7.4 11.2#



#18
trans-1,2-Dichloroethene
Concen: 3.156 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU051618.D
Acq: 31 Oct 2022 18:00

Tgt Ion: 96 Resp: 56603
Ion Ratio Lower Upper
96 100
61 143.4 94.7 175.9
98 69.2 44.2 82.0



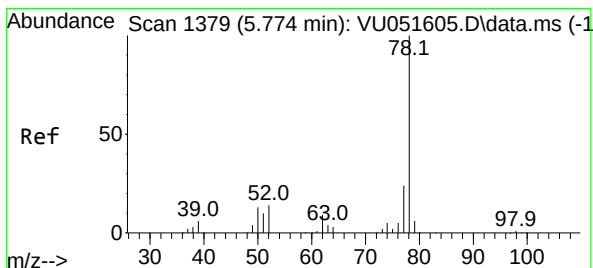
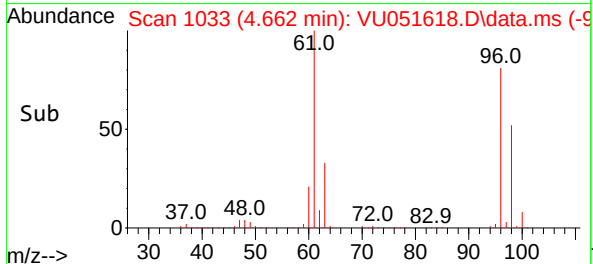
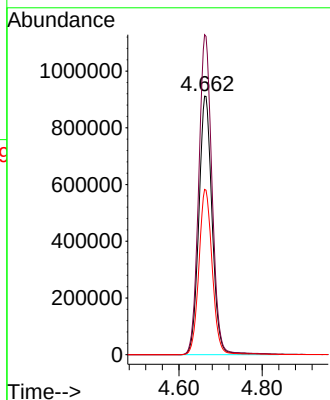
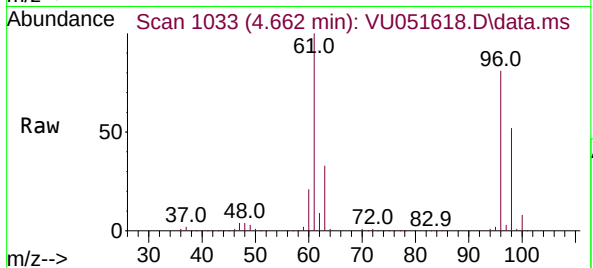


#22
 cis-1,2-Dichloroethene
 Concen: 101.865 ug/L
 RT: 4.662 min Scan# 1033
 Delta R.T. -0.003 min
 Lab File: VU051618.D
 Acq: 31 Oct 2022 18:00

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWR1

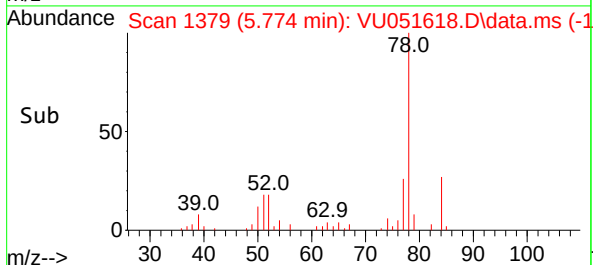
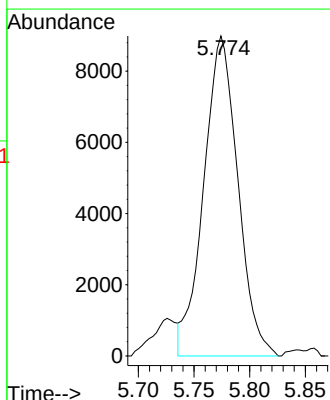
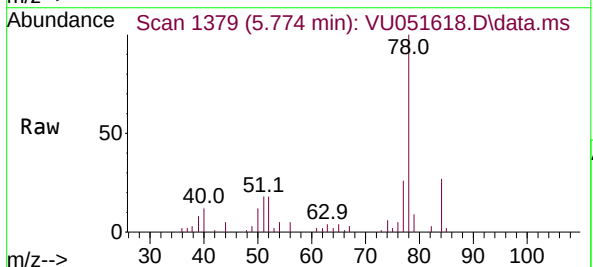
Tgt Ion: 96 Resp: 2021490

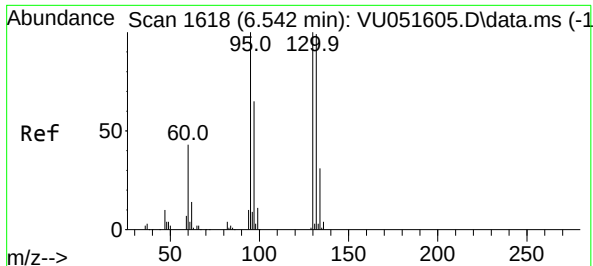
Ion	Ratio	Lower	Upper
96	100		
61	123.8	86.4	160.4
98	64.0	44.2	82.2



#33
 Benzene
 Concen: 0.239 ug/L
 RT: 5.774 min Scan# 1379
 Delta R.T. 0.000 min
 Lab File: VU051618.D
 Acq: 31 Oct 2022 18:00

Tgt Ion: 78 Resp: 19136





#34

Trichloroethene

Concen: 212.337 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051618.D

Acq: 31 Oct 2022 18:00

Instrument :

MSVOA_U

ClientSampleId :

DBWR1

Tgt Ion: 95 Resp: 4106252

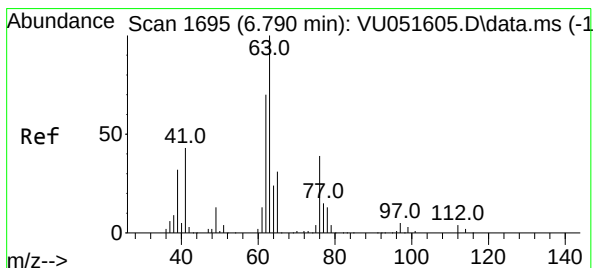
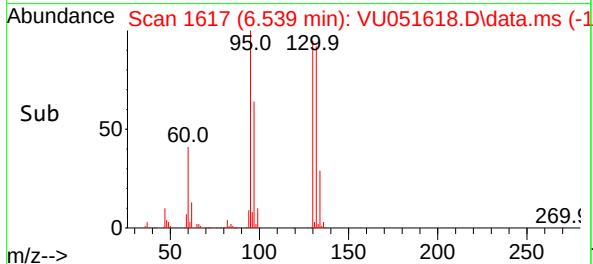
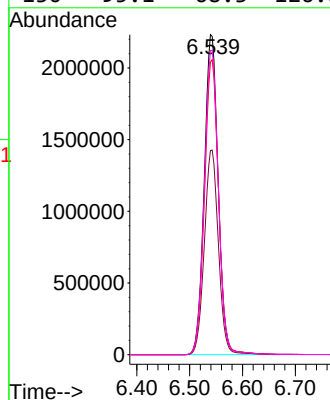
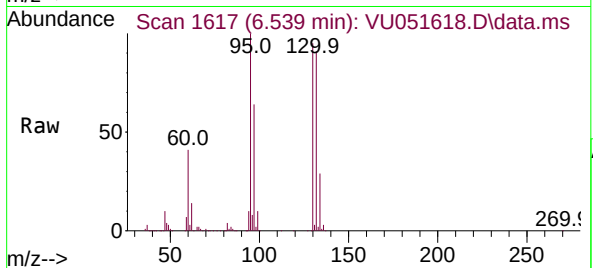
Ion Ratio Lower Upper

95 100

97 63.8 45.2 84.0

132 91.4 66.5 123.5

130 95.1 68.3 126.8



#37

1,2-Dichloropropane

Concen: 0.541 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.099 min

Lab File: VU051618.D

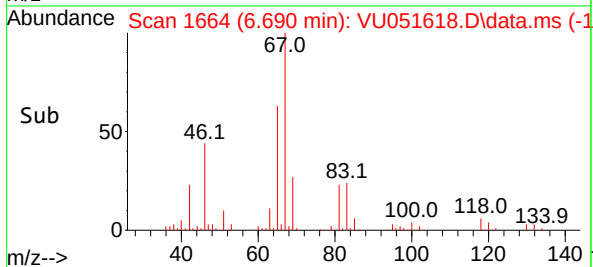
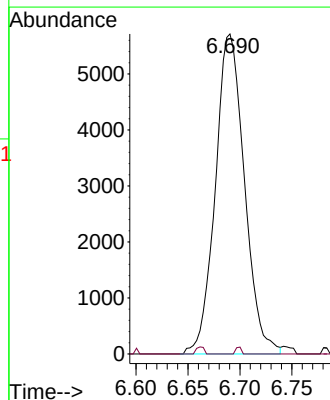
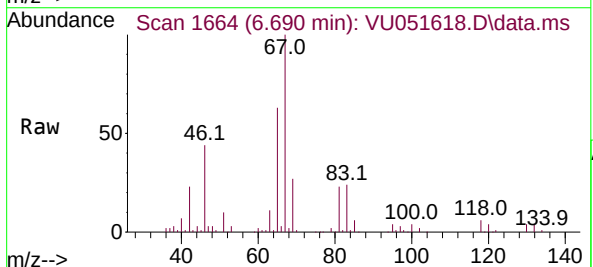
Acq: 31 Oct 2022 18:00

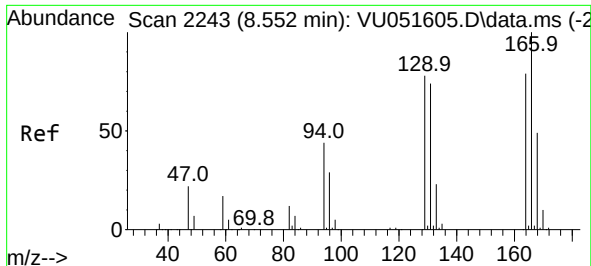
Tgt Ion: 63 Resp: 11143

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#





#47

Tetrachloroethene

Concen: 62.219 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051618.D

Acq: 31 Oct 2022 18:00

Instrument :

MSVOA_U

ClientSampleId :

DBWR1

Tgt Ion:164 Resp: 921496

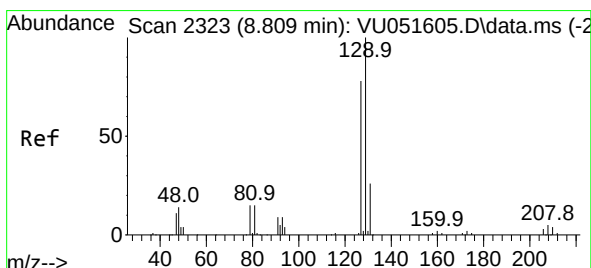
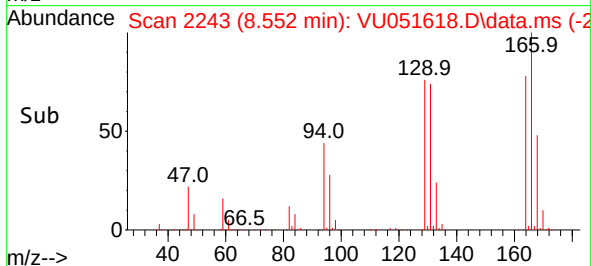
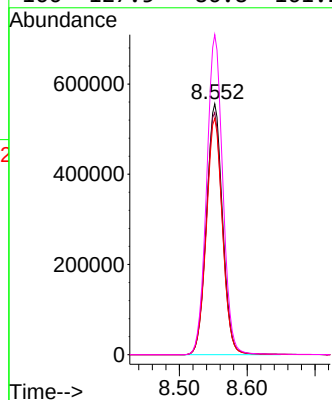
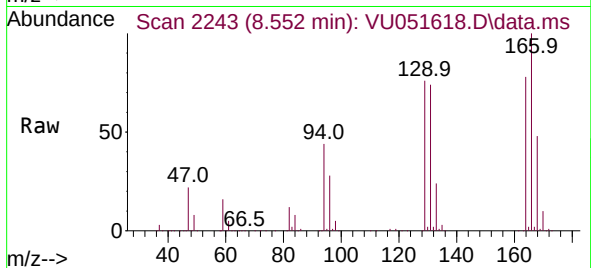
Ion Ratio Lower Upper

164 100

129 96.5 64.0 118.8

131 94.2 60.7 112.7

166 127.5 86.8 161.2



#49

Dibromochloromethane

Concen: 51.255 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.257 min

Lab File: VU051618.D

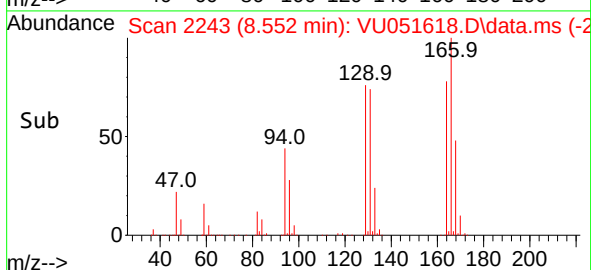
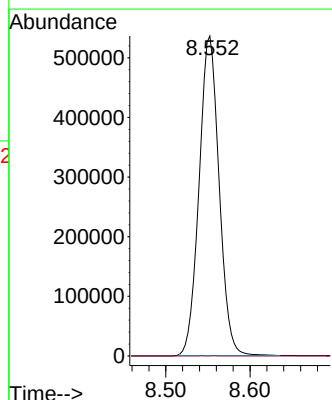
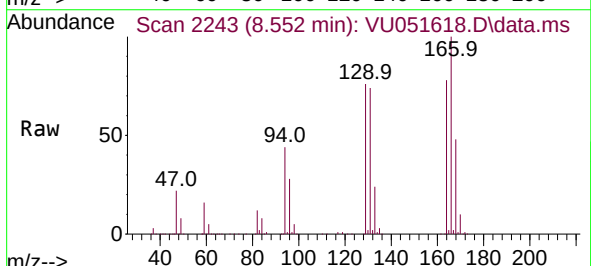
Acq: 31 Oct 2022 18:00

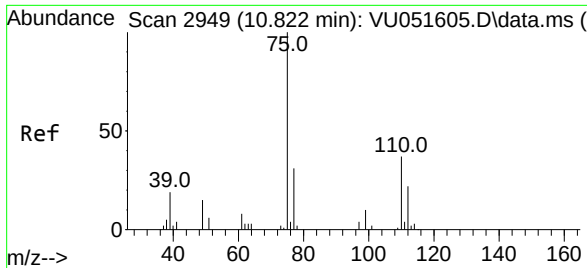
Tgt Ion:129 Resp: 884347

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#

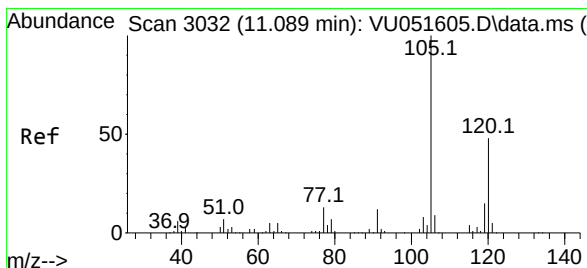
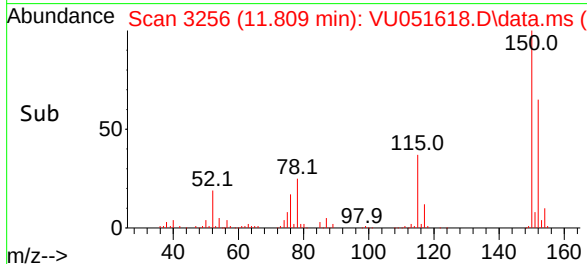
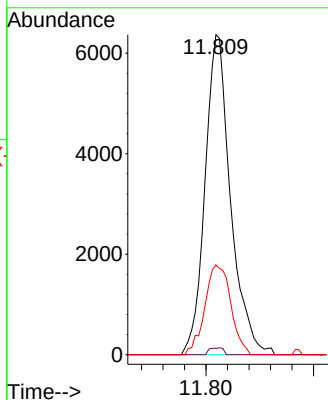
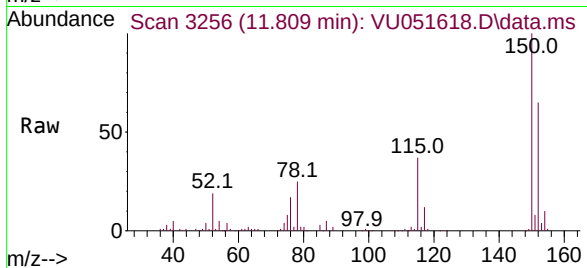




#61
1,2,3-Trichloropropane
Concen: 0.974 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU051618.D
Acq: 31 Oct 2022 18:00

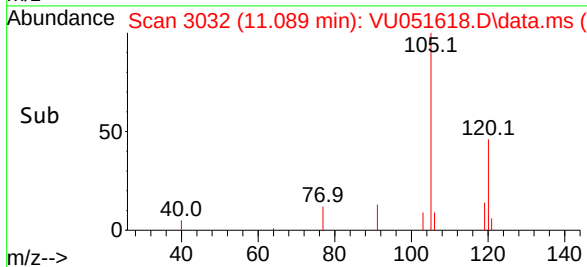
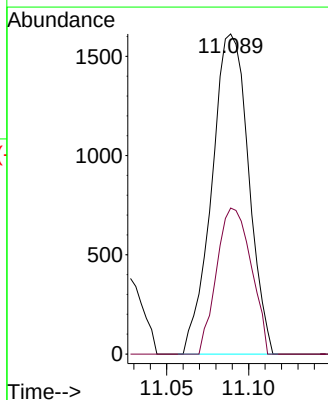
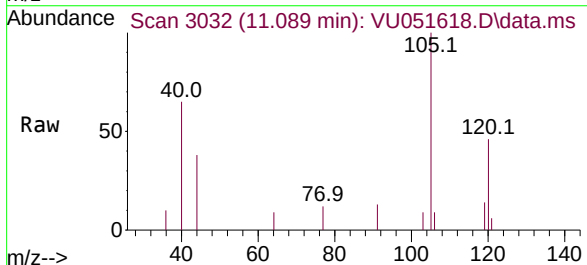
Instrument :
MSVOA_U
ClientSampleId :
DBWR1

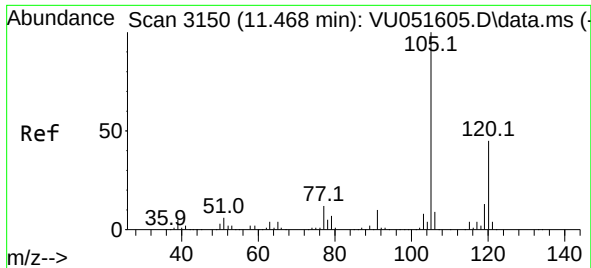
Tgt Ion: 75 Resp: 10497
Ion Ratio Lower Upper
75 100
110 1.2 28.7 43.1#
77 28.5 26.1 39.1



#62
1,3,5-Trimethylbenzene
Concen: 0.153 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU051618.D
Acq: 31 Oct 2022 18:00

Tgt Ion: 105 Resp: 2514
Ion Ratio Lower Upper
105 100
120 42.6 38.6 57.8

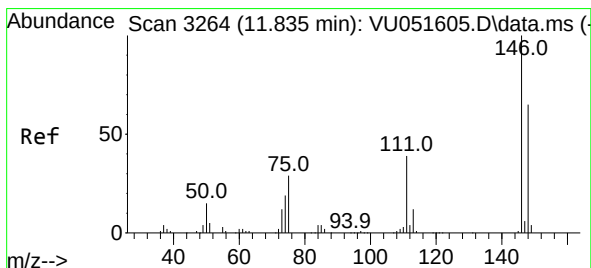
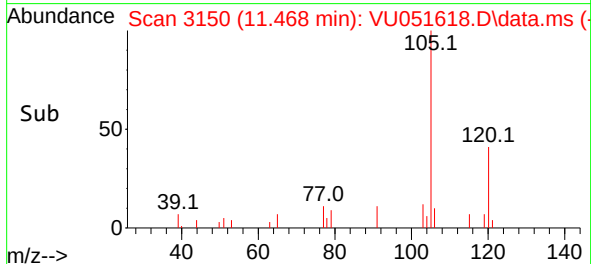
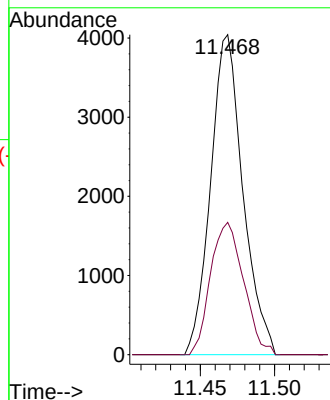
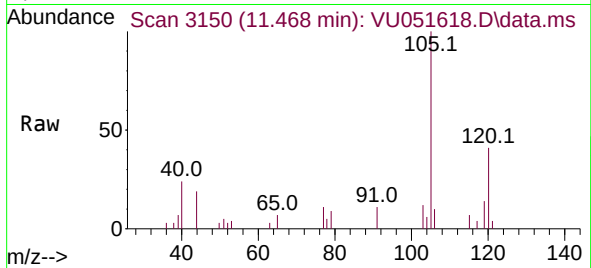




#63
1,2,4-Trimethylbenzene
Concen: 0.129 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU051618.D
Acq: 31 Oct 2022 18:00

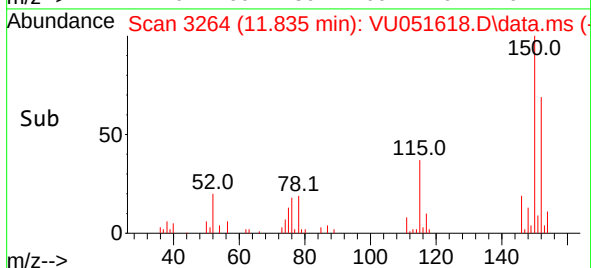
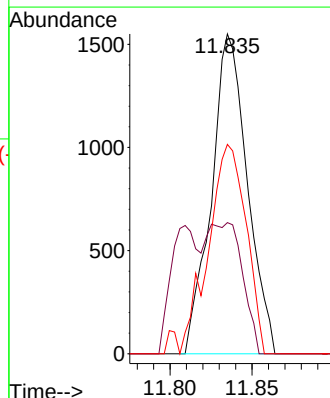
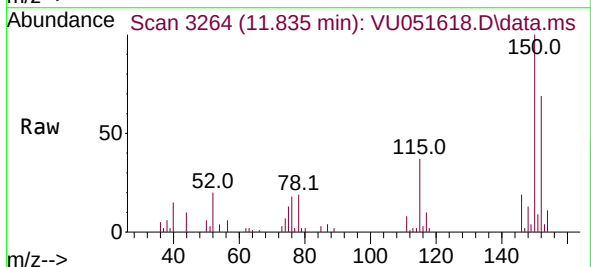
Instrument :
MSVOA_U
ClientSampleId :
DBWR1

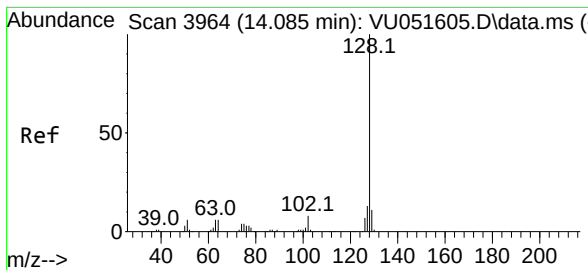
Tgt Ion:105 Resp: 6112
Ion Ratio Lower Upper
105 100
120 42.3 35.8 53.6



#65
1,4-Dichlorobenzene
Concen: 0.078 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051618.D
Acq: 31 Oct 2022 18:00

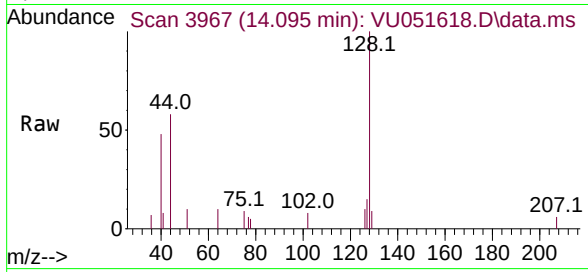
Tgt Ion:146 Resp: 2355
Ion Ratio Lower Upper
146 100
111 41.0 26.7 49.5
148 65.5 43.5 80.9





#71
Naphthalene
Concen: 0.131 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.010 min
Lab File: VU051618.D
Acq: 31 Oct 2022 18:00

Instrument :
MSVOA_U
ClientSampleId :
DBWR1



Tgt Ion:	128	Resp:	4056
Ion	Ratio	Lower	Upper
128	100		
129	7.6	8.4	12.6#
127	12.1	10.3	15.5

