

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051628.D
 Acq On : 31 Oct 2022 22:37
 Operator : JC/MD
 Sample : N5353-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWV2

Quant Time: Nov 01 05:58:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 02:34:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	188526	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	195333	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	79020	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48430	3.411	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.200%
7) Chloroethane-d5	1.909	69	57198	3.863	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.565	65	20194	3.919	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	4.620	46	284553	55.337	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.680%
24) Chloroform-d	5.063	84	143020	4.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.700	65	84508	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.726	84	256075	4.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.690	67	98828	4.585	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.896	98	177231	3.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	8.179	79	26582	4.033	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.629	63	203161	51.207	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.420%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	96867	4.904	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	69196	4.771	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
3) Chloromethane	1.523	50	3862	0.149	ug/L	91
5) Vinyl chloride	1.604	62	19031	0.764	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	927	0.058	ug/L #	25
12) 1,1-Dichloroethene	2.578	96	31567	1.926	ug/L #	79
18) trans-1,2-Dichloroethene	3.350	96	1094754	62.240	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	4644148	238.618	ug/L	99
33) Benzene	5.774	78	31348	0.407	ug/L	100
34) Trichloroethene	6.542	95	8737719	469.704	ug/L	97
35) Methylcyclohexane	6.687	83	22229	0.864	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	9725	0.490	ug/L #	90
47) Tetrachloroethene	8.552	164	172628	12.117	ug/L	94
49) Dibromochloromethane	8.552	129	168504	10.152	ug/L #	10
51) Chlorobenzene	9.446	112	4746	0.095	ug/L	96
61) 1,2,3-Trichloropropane	11.745	75	1504	0.147	ug/L #	44
64) 1,3-Dichlorobenzene	11.748	146	5019	0.175	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	11508	0.400	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	55103	1.970	ug/L	99

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 01 02:34:58 2022
Response via : Initial Calibration

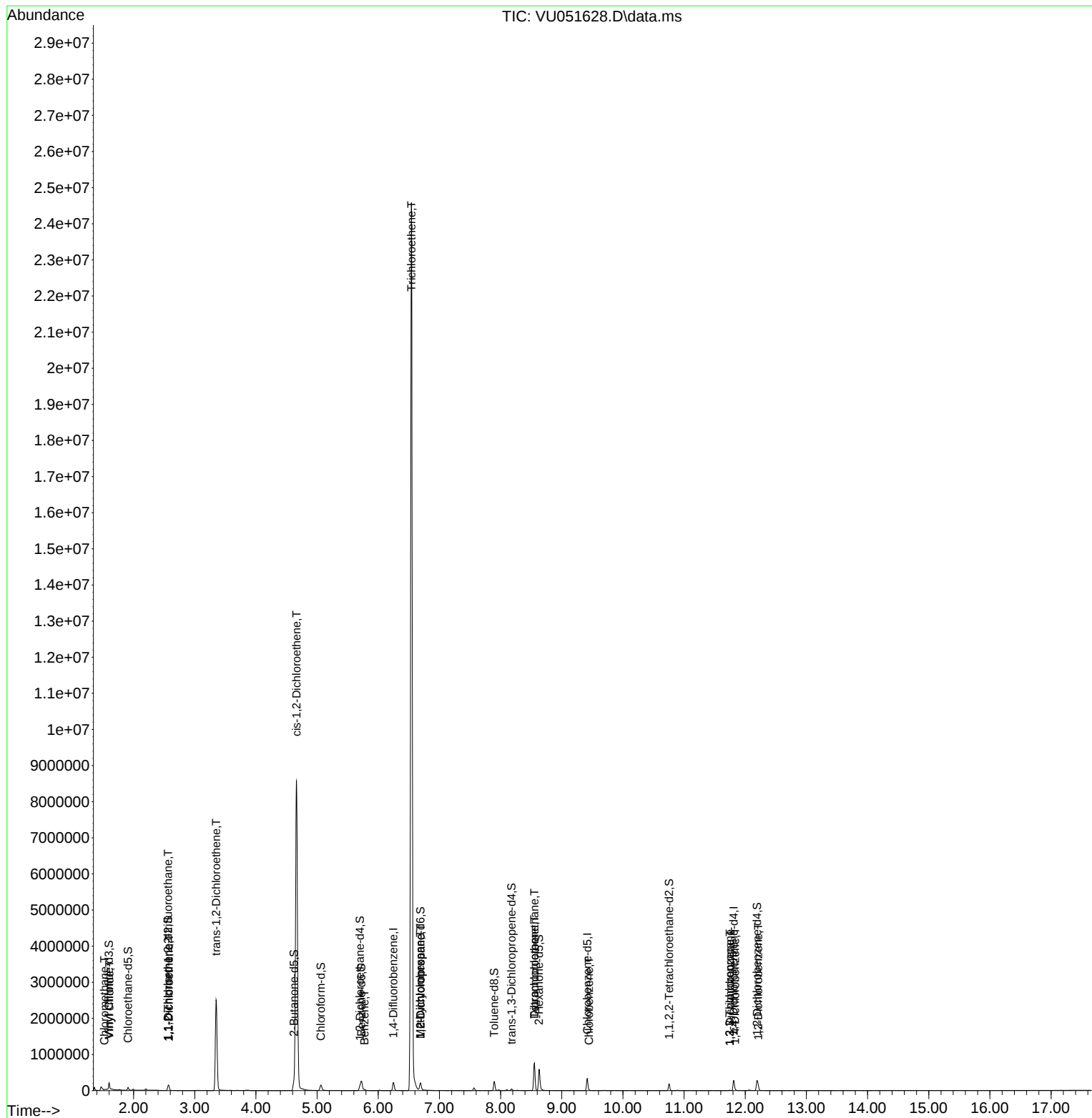
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

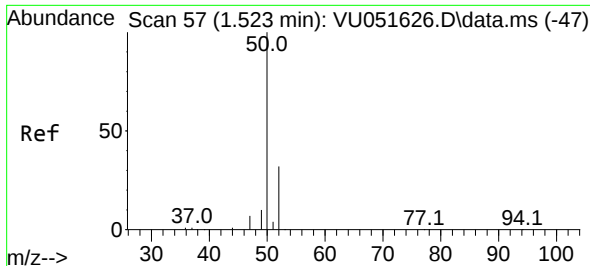
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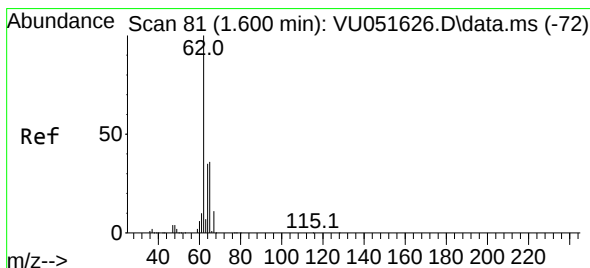
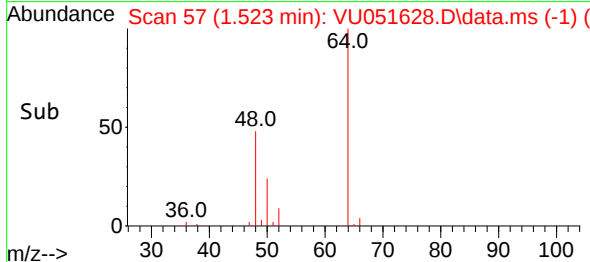
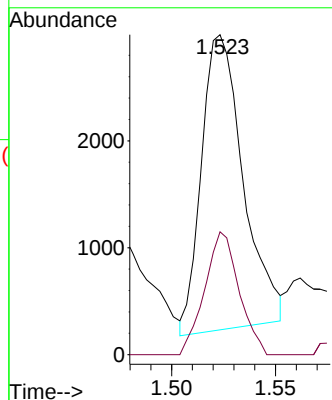
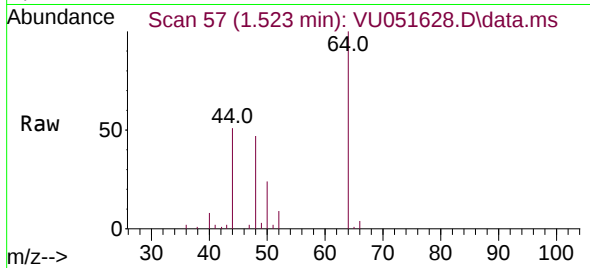




#3
Chloromethane
Concen: 0.149 ug/L
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU051628.D
Acq: 31 Oct 2022 22:37

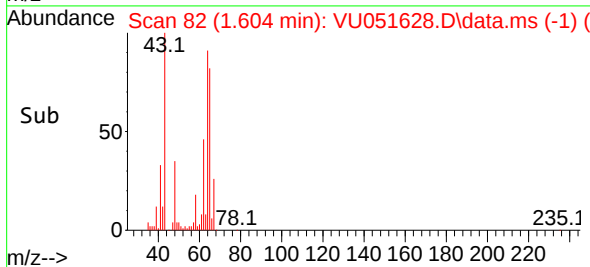
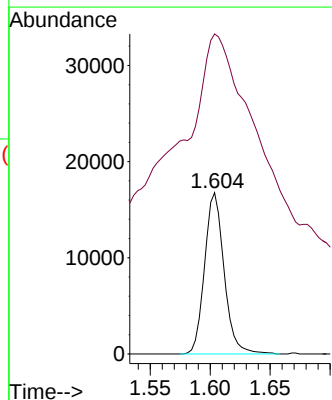
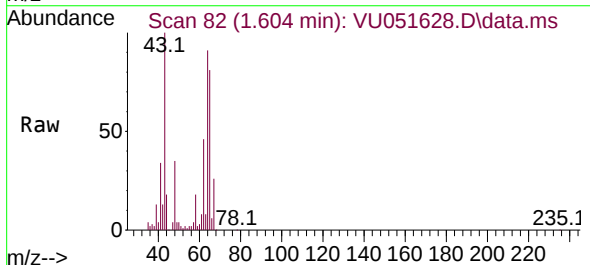
Instrument :
MSVOA_U
ClientSampleId :
DBVV2

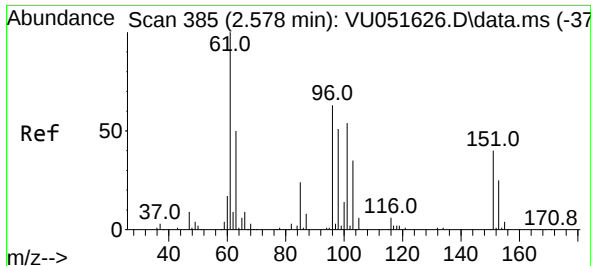
Tgt Ion: 50 Resp: 3862
Ion Ratio Lower Upper
50 100
52 38.4 23.2 43.2



#5
Vinyl chloride
Concen: 0.764 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU051628.D
Acq: 31 Oct 2022 22:37

Tgt Ion: 62 Resp: 19031
Ion Ratio Lower Upper
62 100
64 198.4 22.1 41.1#

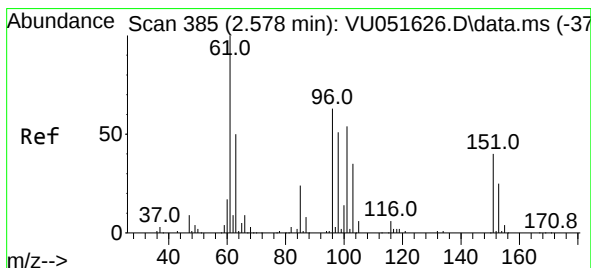
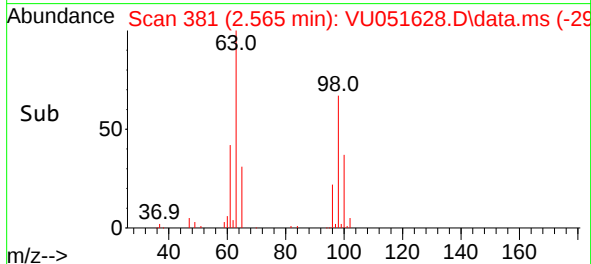
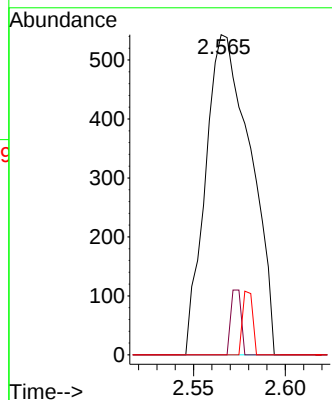
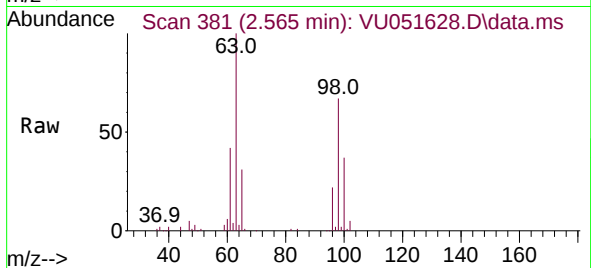




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.058 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU051628.D
 Acq: 31 Oct 2022 22:37

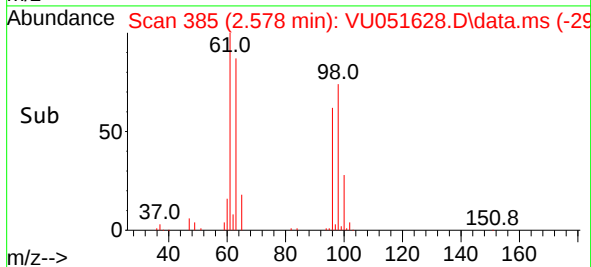
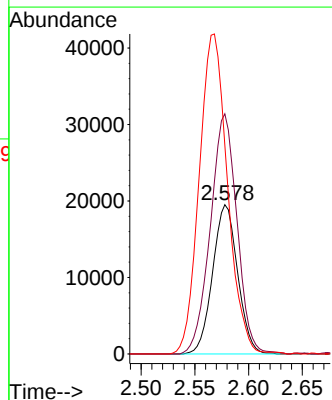
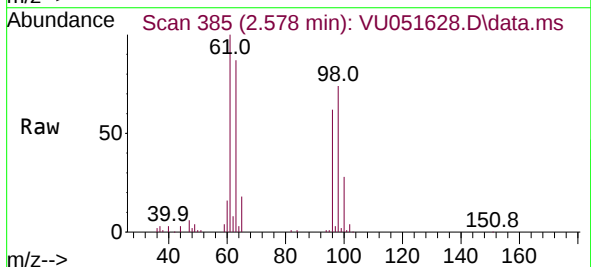
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWV2

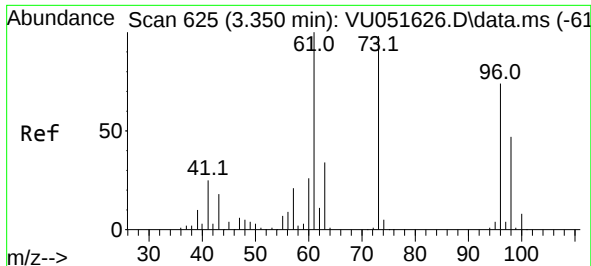
Tgt Ion:101 Resp: 927
 Ion Ratio Lower Upper
 101 100
 85 4.5 35.6 53.4#
 151 4.4 59.6 89.4#



#12
 1,1-Dichloroethene
 Concen: 1.926 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051628.D
 Acq: 31 Oct 2022 22:37

Tgt Ion: 96 Resp: 31567
 Ion Ratio Lower Upper
 96 100
 61 161.0 108.8 202.0
 63 140.0 64.9 120.5#

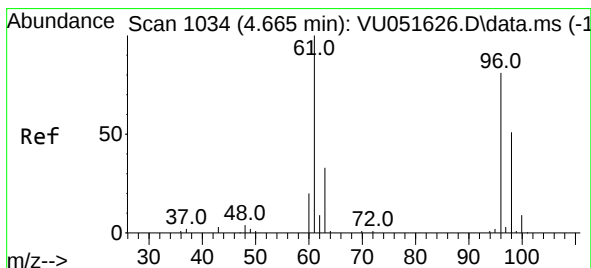
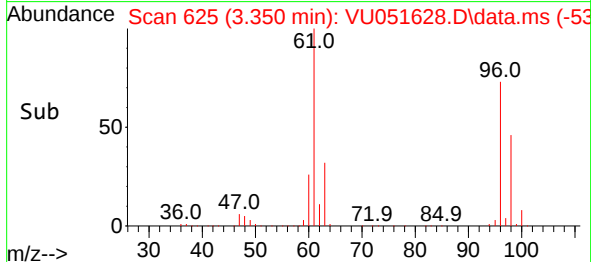
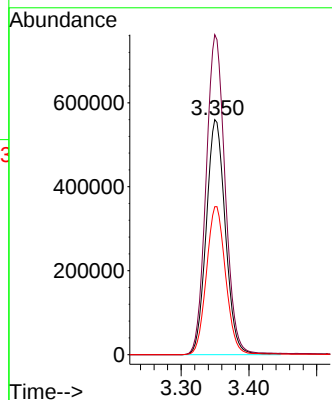
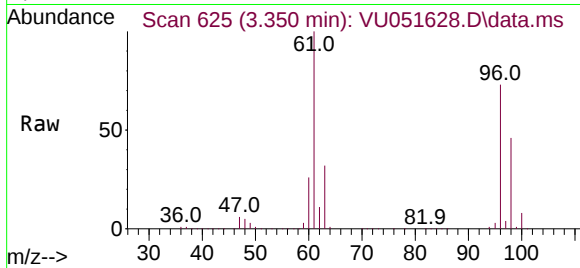




#18
trans-1,2-Dichloroethene
Concen: 62.240 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051628.D
Acq: 31 Oct 2022 22:37

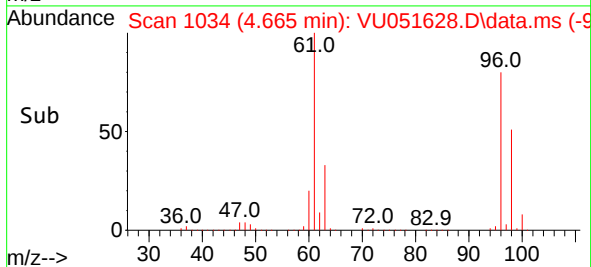
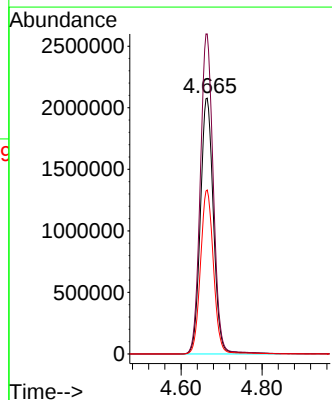
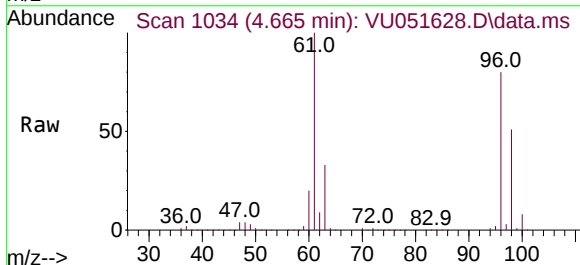
Instrument :
MSVOA_U
ClientSampleId :
DBVV2

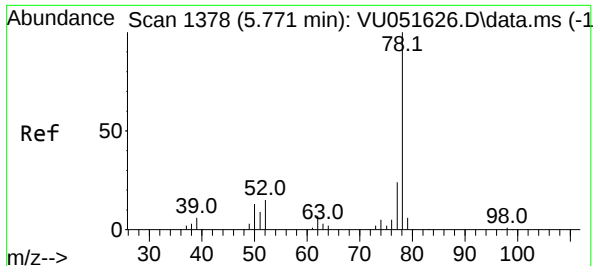
Tgt Ion: 96 Resp: 1094754
Ion Ratio Lower Upper
96 100
61 136.1 94.7 175.9
98 63.0 44.2 82.0



#22
cis-1,2-Dichloroethene
Concen: 238.618 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU051628.D
Acq: 31 Oct 2022 22:37

Tgt Ion: 96 Resp: 4644148
Ion Ratio Lower Upper
96 100
61 125.0 86.4 160.4
98 64.1 44.2 82.2

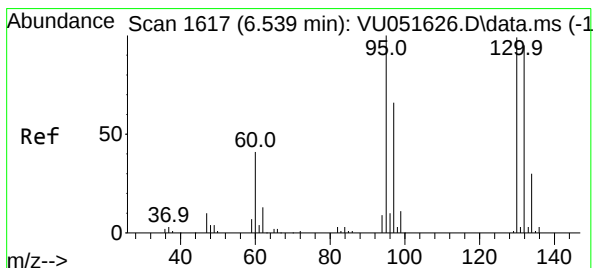
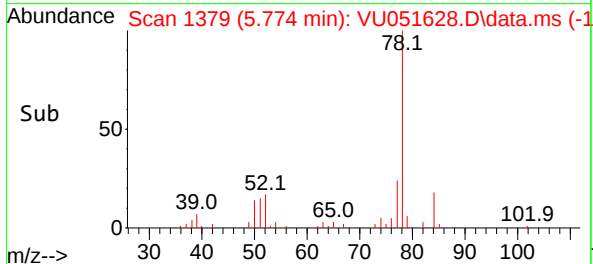
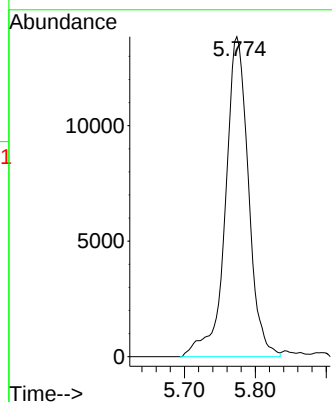
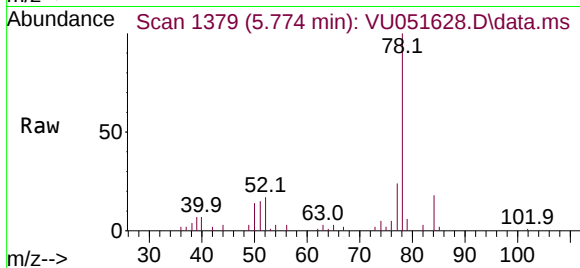




#33
Benzene
Concen: 0.407 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051628.D
Acq: 31 Oct 2022 22:37

Instrument :
MSVOA_U
ClientSampleId :
DBWV2

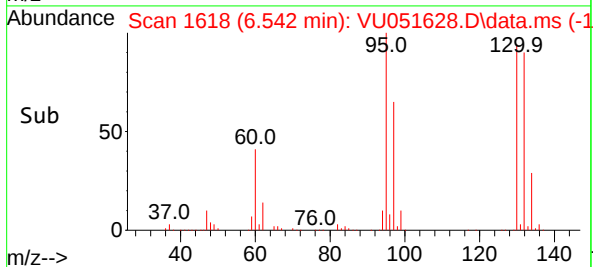
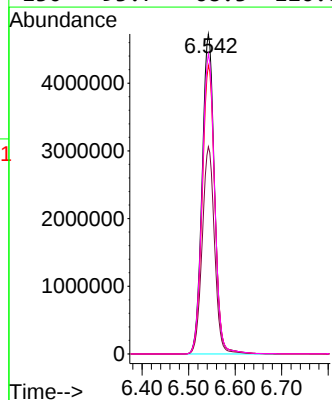
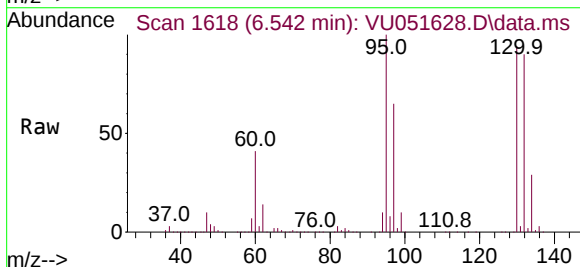
Tgt Ion: 78 Resp: 31348

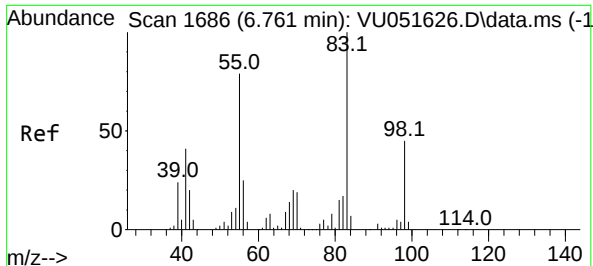


#34
Trichloroethene
Concen: 469.704 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU051628.D
Acq: 31 Oct 2022 22:37

Tgt Ion: 95 Resp: 8737719

Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.2	84.0
132	90.2	66.5	123.5
130	93.7	68.3	126.8

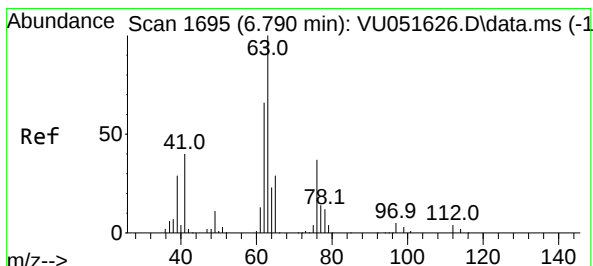
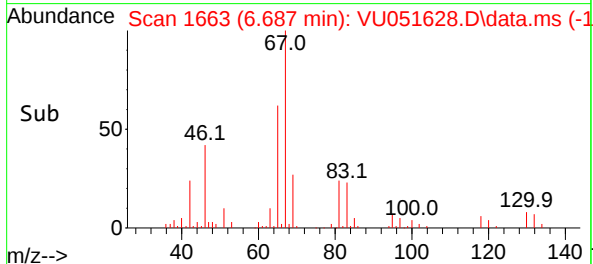
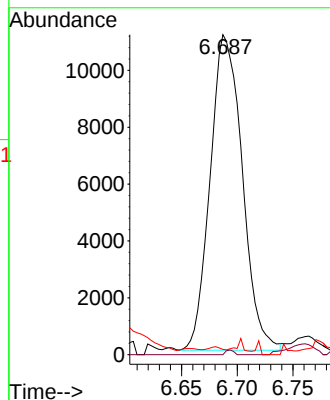
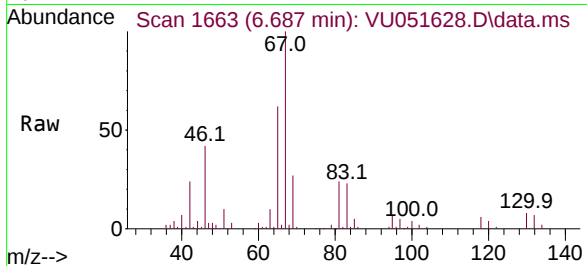




#35
Methylcyclohexane
Concen: 0.864 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU051628.D
Acq: 31 Oct 2022 22:37

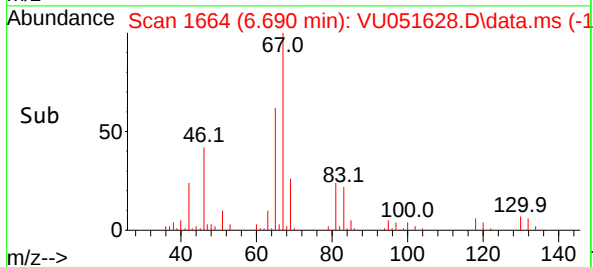
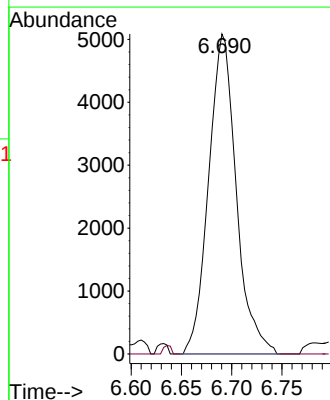
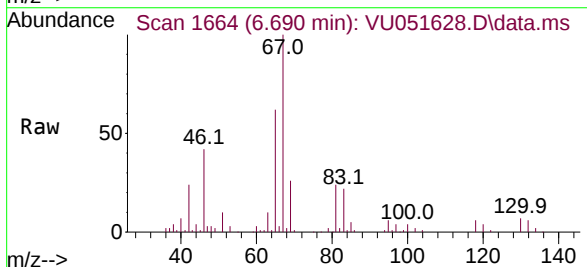
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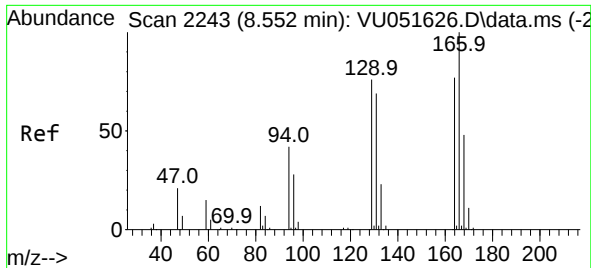
Tgt Ion: 83 Resp: 22229
Ion Ratio Lower Upper
83 100
55 0.4 60.6 90.8#
98 0.0 35.8 53.6#



#37
1,2-Dichloropropane
Concen: 0.490 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051628.D
Acq: 31 Oct 2022 22:37

Tgt Ion: 63 Resp: 9725
Ion Ratio Lower Upper
63 100
112 0.7 3.3 4.9#

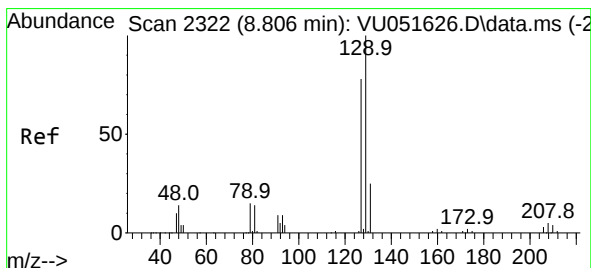
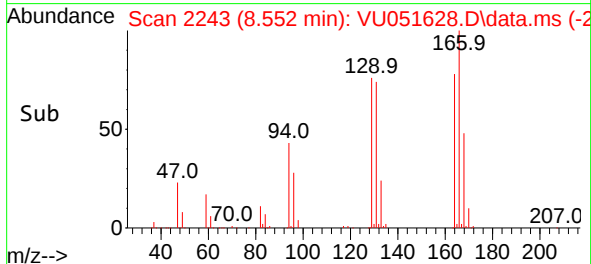
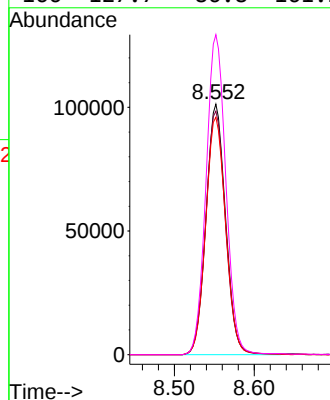
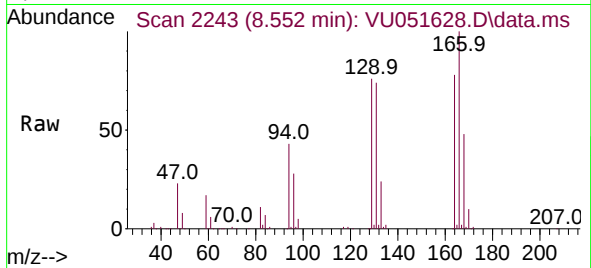




#47
Tetrachloroethene
Concen: 12.117 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051628.D
Acq: 31 Oct 2022 22:37

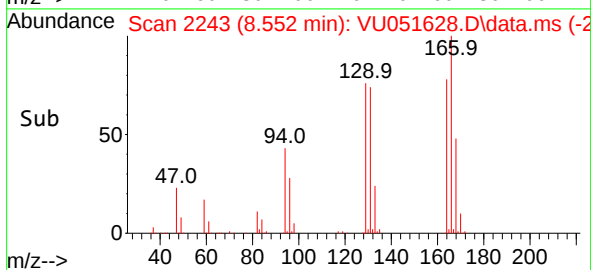
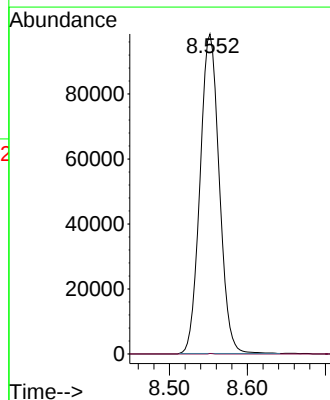
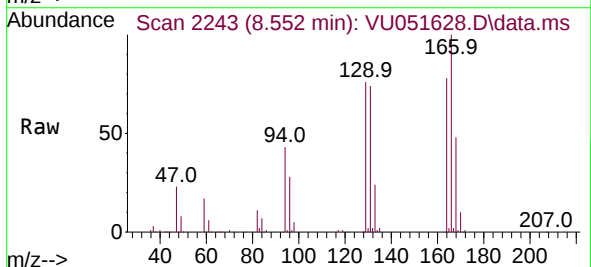
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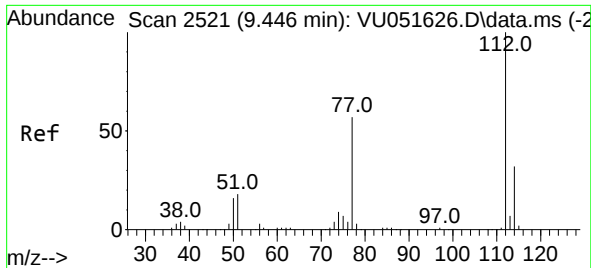
Tgt Ion:164 Resp: 172628
Ion Ratio Lower Upper
164 100
129 97.2 64.0 118.8
131 94.8 60.7 112.7
166 127.7 86.8 161.2



#49
Dibromochloromethane
Concen: 10.152 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.254 min
Lab File: VU051628.D
Acq: 31 Oct 2022 22:37

Tgt Ion:129 Resp: 168504
Ion Ratio Lower Upper
129 100
127 0.1 54.8 101.8#

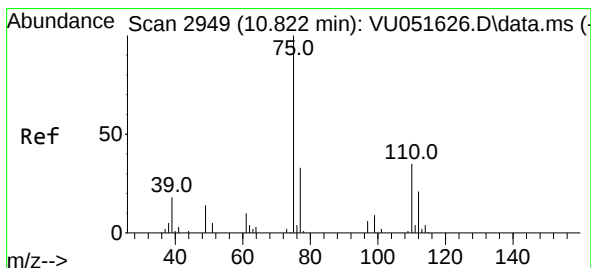
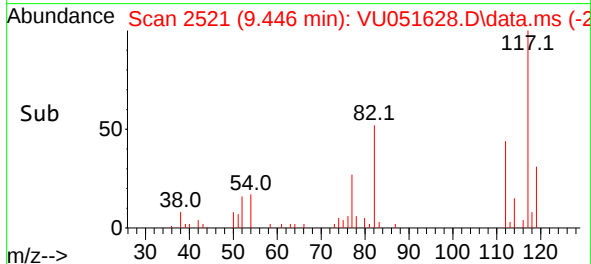
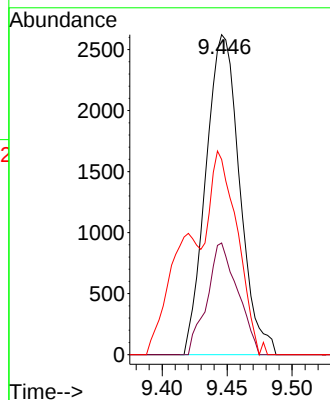
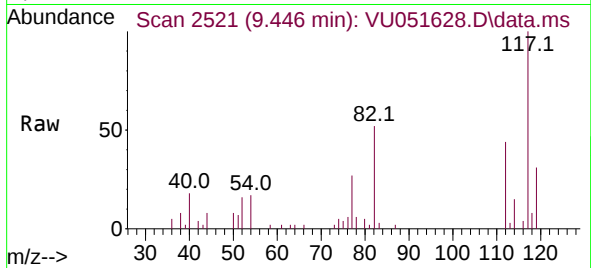




#51
Chlorobenzene
Concen: 0.095 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051628.D
Acq: 31 Oct 2022 22:37

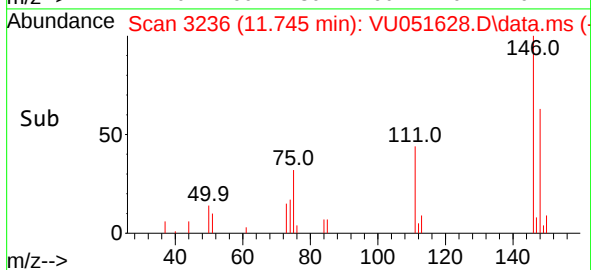
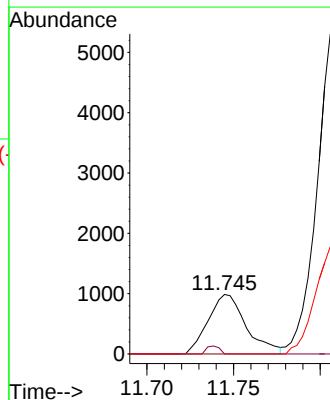
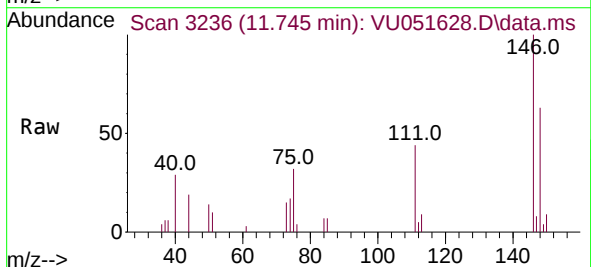
Instrument :
MSVOA_U
ClientSampleId :
DBWV2

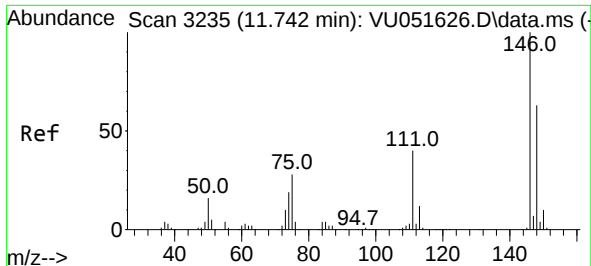
Tgt Ion:	112	Resp:	4746
Ion	Ratio	Lower	Upper
112	100		
114	34.9	22.0	40.8
77	61.0	46.7	70.1



#61
1,2,3-Trichloropropane
Concen: 0.147 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.923 min
Lab File: VU051628.D
Acq: 31 Oct 2022 22:37

Tgt Ion:	75	Resp:	1504
Ion	Ratio	Lower	Upper
75	100		
110	4.5	28.7	43.1#
77	0.0	26.1	39.1#

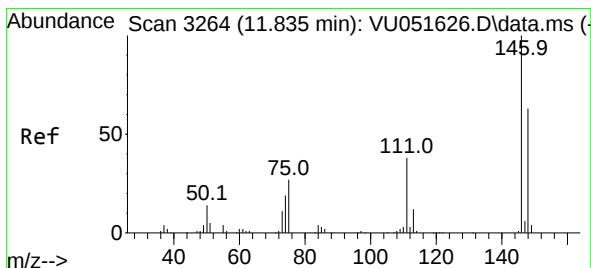
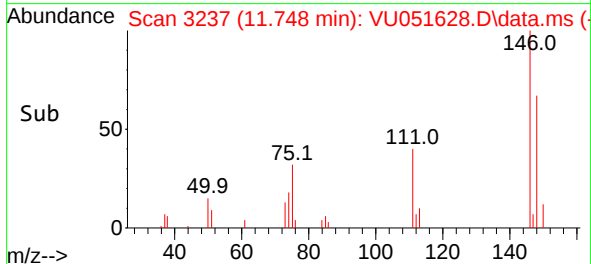
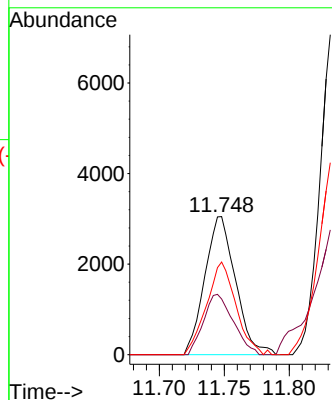
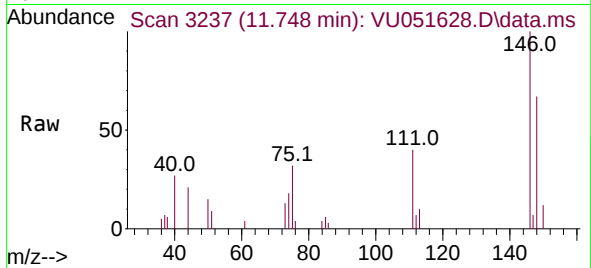




#64
1,3-Dichlorobenzene
Concen: 0.175 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU051628.D
Acq: 31 Oct 2022 22:37

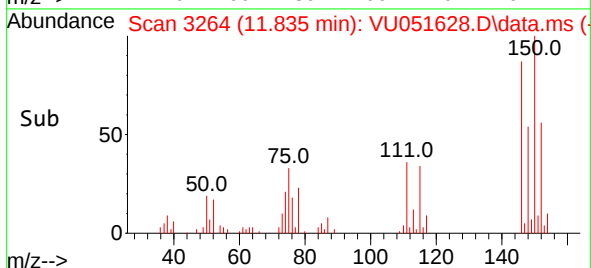
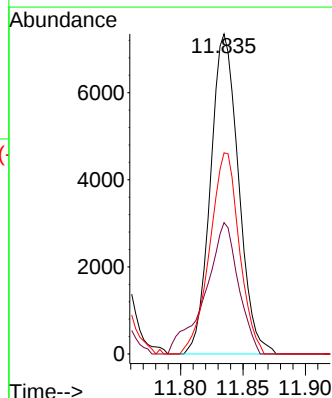
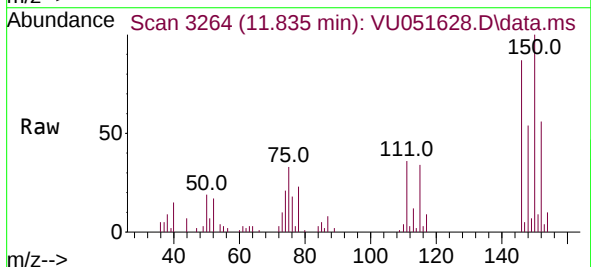
Instrument :
MSVOA_U
ClientSampleId :
DBVV2

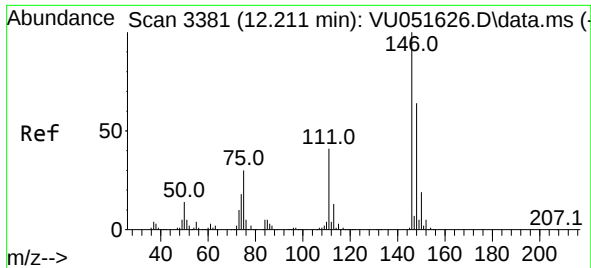
Tgt Ion:146 Resp: 5019
Ion Ratio Lower Upper
146 100
111 40.3 28.6 53.2
148 67.1 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 0.400 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051628.D
Acq: 31 Oct 2022 22:37

Tgt Ion:146 Resp: 11508
Ion Ratio Lower Upper
146 100
111 41.1 26.7 49.5
148 62.8 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 1.970 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU051628.D

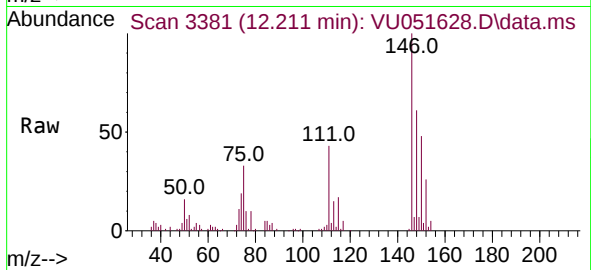
Acq: 31 Oct 2022 22:37

Instrument :

MSVOA_U

ClientSampleId :

DBVV2



Tgt Ion:146 Resp: 55103

Ion Ratio Lower Upper

146 100

111 42.5 34.2 51.2

148 60.8 50.1 75.1

