

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
 Data File : VU051678.D
 Acq On : 02 Nov 2022 02:09
 Operator : JC/MD
 Sample : N5320-03DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 04:08:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 02 03:06:15 2022
 Response via : Initial Calibration

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

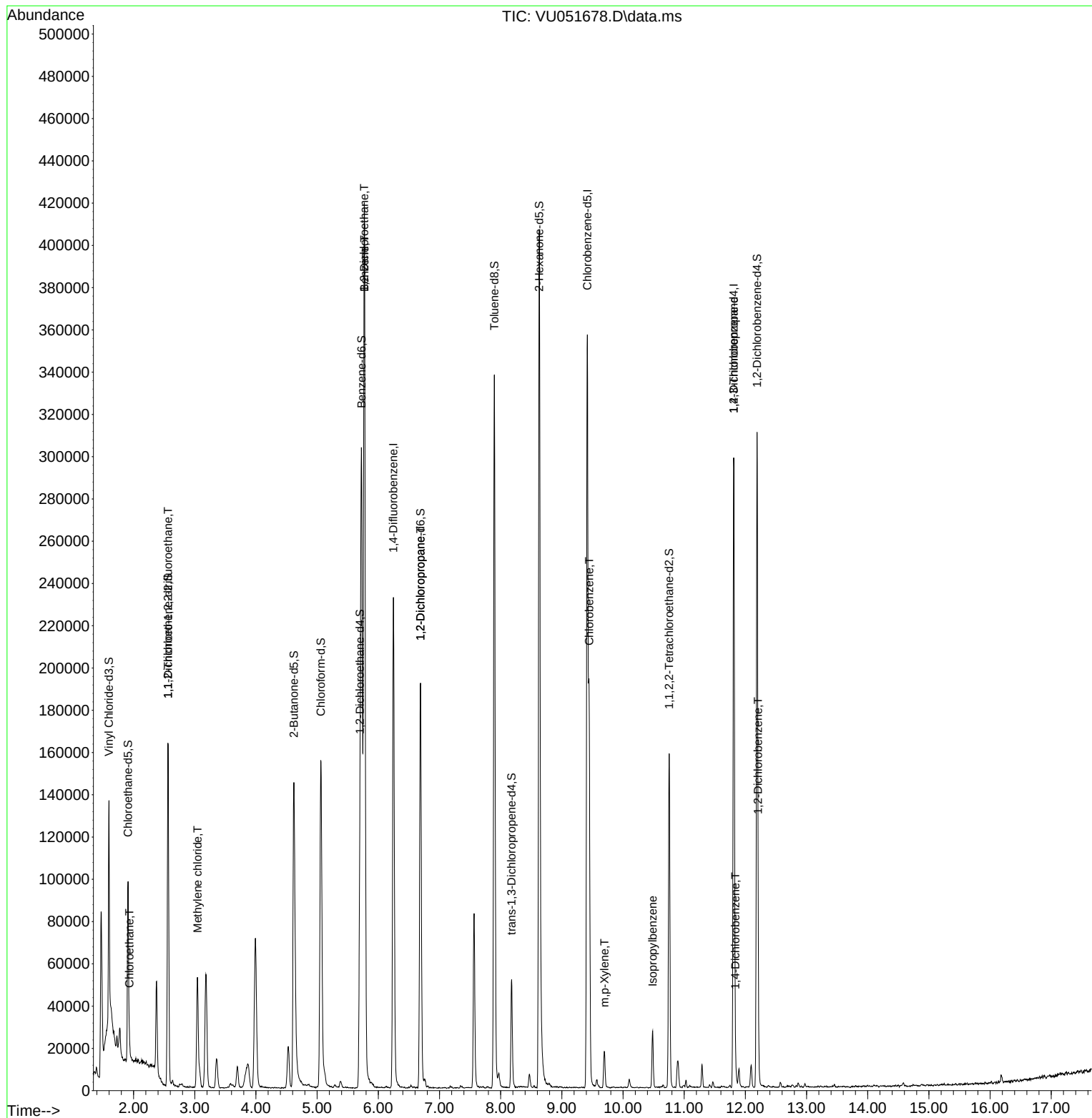
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	192834	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	199195	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	83492	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75459	5.196	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.000%
7) Chloroethane-d5	1.909	69	69078	4.561	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.562	65	31361	5.950	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	119.000%
20) 2-Butanone-d5	4.620	46	180989	34.410	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.820%
24) Chloroform-d	5.060	84	147749	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.700	65	74796	4.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
32) Benzene-d6	5.726	84	292305	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.687	67	96728	4.401	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.896	98	234350	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	8.179	79	28964	4.310	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.629	63	135135	33.401	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.800%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	82586	4.100	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	83190	5.429	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						Qvalue
8) Chloroethane	1.932	64	4378	0.283	ug/L #	72
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1086	0.066	ug/L #	19
16) Methylene chloride	3.044	84	26136	0.952	ug/L	97
27) 1,2-Dichloroethane	5.771	62	4014	0.189	ug/L #	75
33) Benzene	5.774	78	414490	5.273	ug/L	100
37) 1,2-Dichloropropane	6.687	63	9757	0.483	ug/L #	88
51) Chlorobenzene	9.446	112	100626	1.980	ug/L	99
53) m,p-Xylene	9.697	106	5526	0.183	ug/L	91
60) Isopropylbenzene	10.485	105	16515	0.271	ug/L	98
61) 1,2,3-Trichloropropane	11.809	75	10766	0.997	ug/L #	65
65) 1,4-Dichlorobenzene	11.838	146	3707	0.122	ug/L	86
67) 1,2-Dichlorobenzene	12.208	146	4685	0.159	ug/L	97

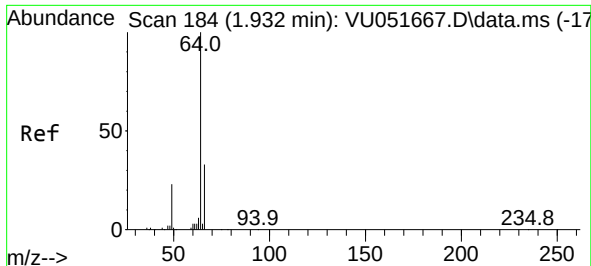
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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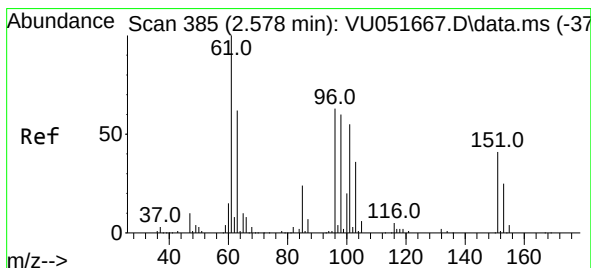
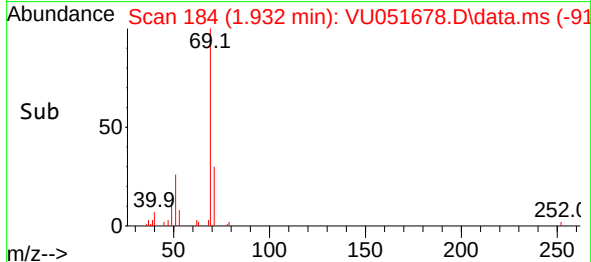
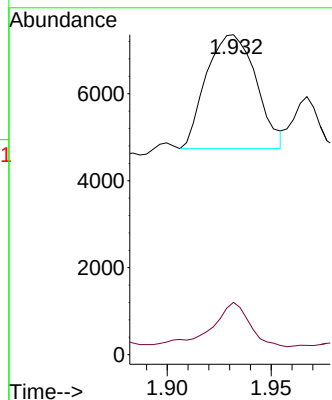
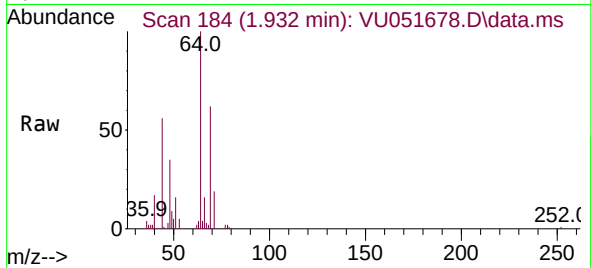




#8
Chloroethane
Concen: 0.283 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051678.D
Acq: 02 Nov 2022 02:09

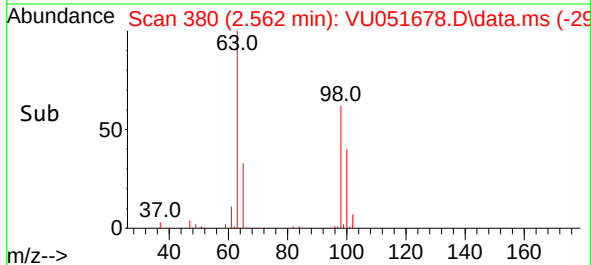
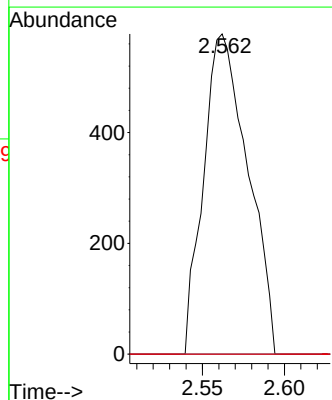
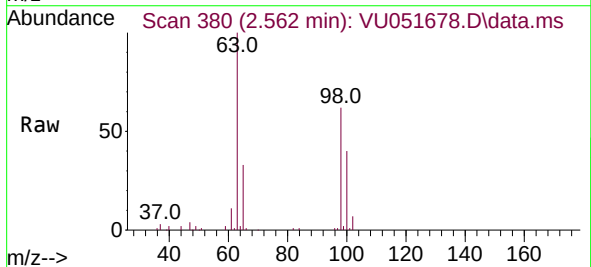
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MSVOA_U
ClientSampleId :

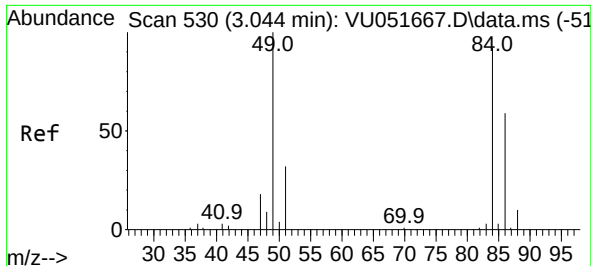
Tgt Ion: 64 Resp: 4378
Ion Ratio Lower Upper
64 100
66 16.3 22.3 41.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.066 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU051678.D
Acq: 02 Nov 2022 02:09

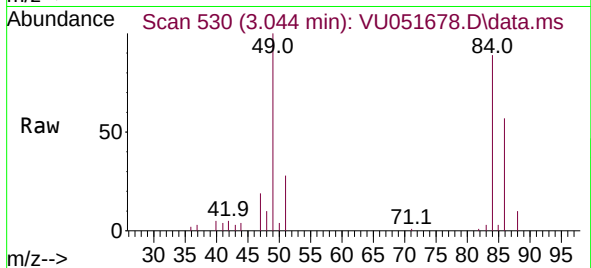
Tgt Ion:101 Resp: 1086
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 59.6 89.4#



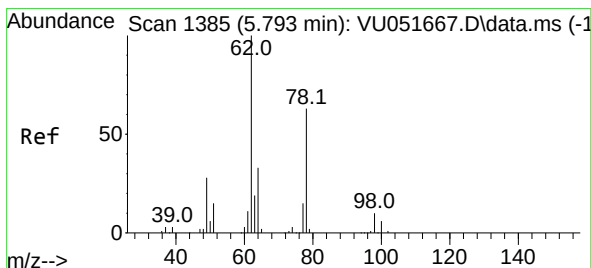
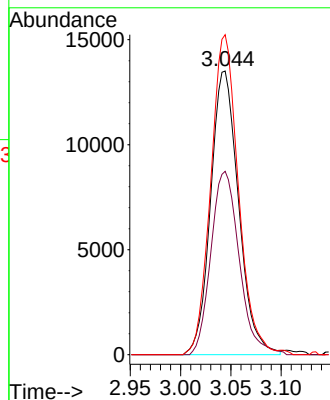
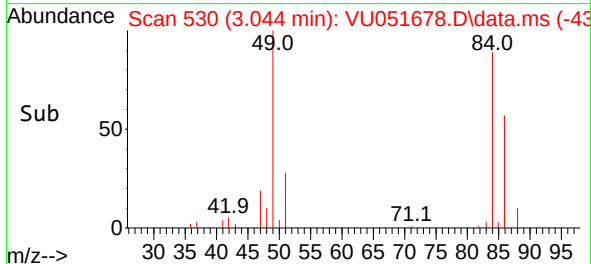


#16
Methylene chloride
Concen: 0.952 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051678.D
Acq: 02 Nov 2022 02:09

Instrument :
MSVOA_U
ClientSampleId :

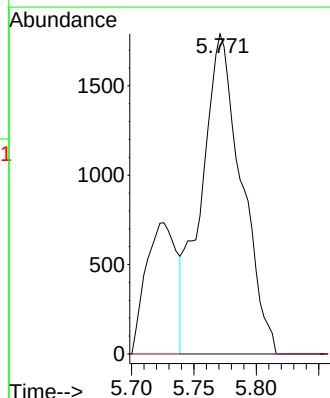
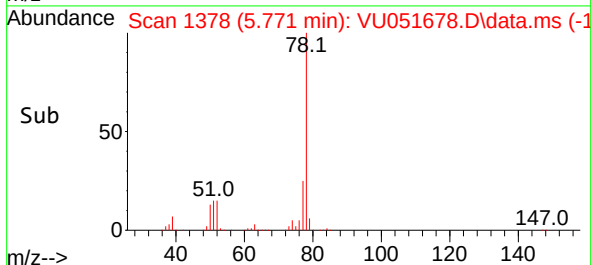
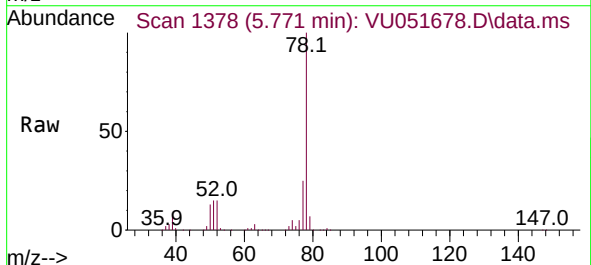


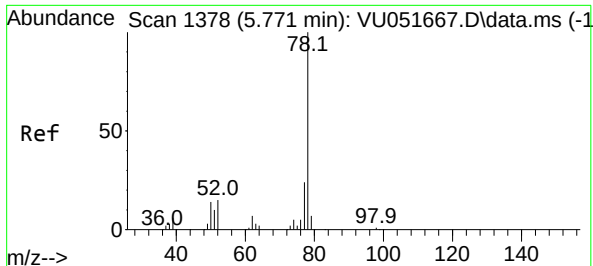
Tgt Ion: 84 Resp: 26136
Ion Ratio Lower Upper
84 100
86 64.6 46.3 85.9
49 112.8 76.0 141.2



#27
1,2-Dichloroethane
Concen: 0.189 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.022 min
Lab File: VU051678.D
Acq: 02 Nov 2022 02:09

Tgt Ion: 62 Resp: 4014
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#

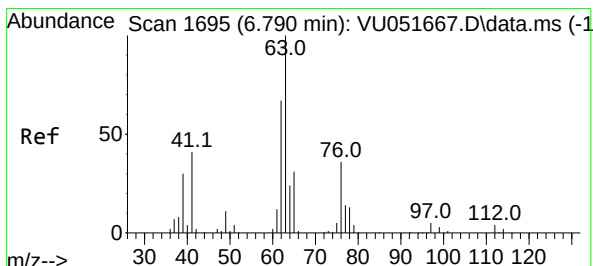
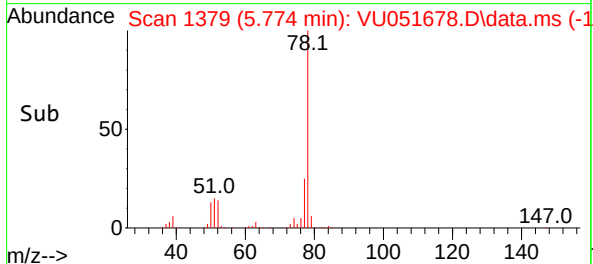
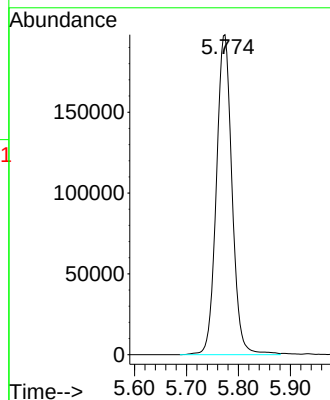
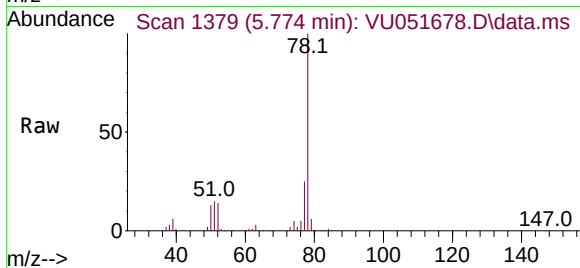




#33
Benzene
Concen: 5.273 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051678.D
Acq: 02 Nov 2022 02:09

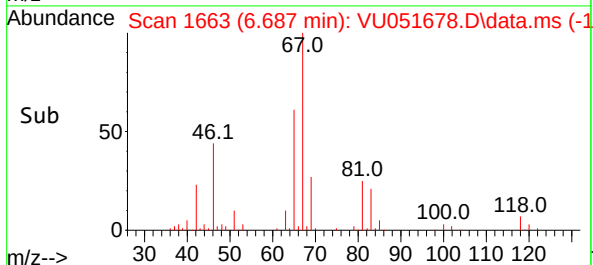
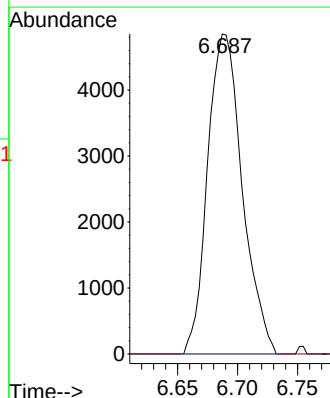
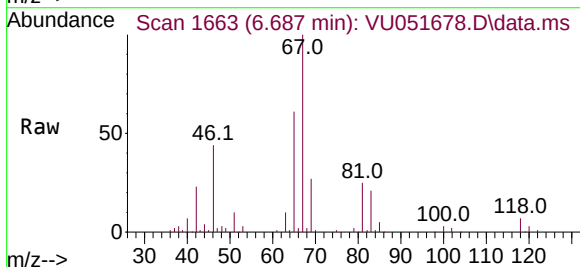
Instrument :
MSVOA_U
ClientSampleId :

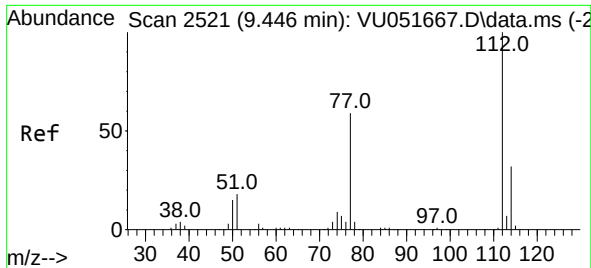
Tgt Ion: 78 Resp: 414490



#37
1,2-Dichloropropane
Concen: 0.483 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU051678.D
Acq: 02 Nov 2022 02:09

Tgt Ion: 63 Resp: 9757
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

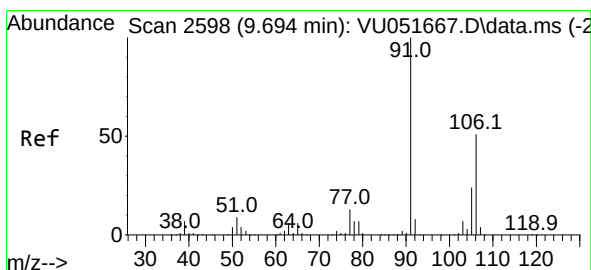
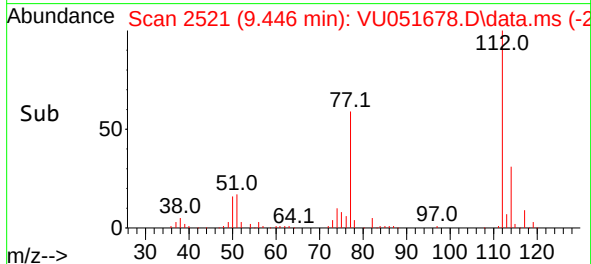
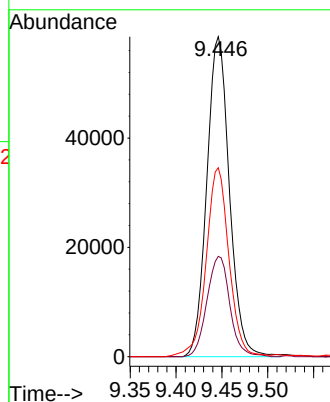
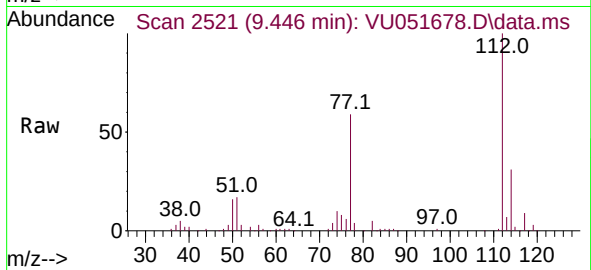




#51
Chlorobenzene
Concen: 1.980 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051678.D
Acq: 02 Nov 2022 02:09

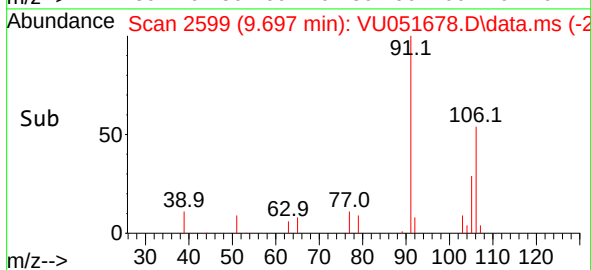
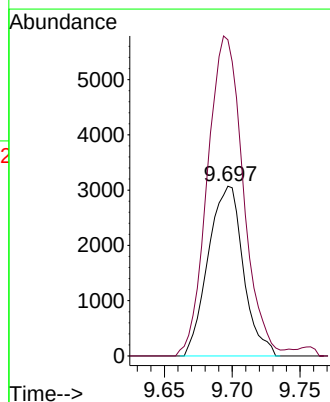
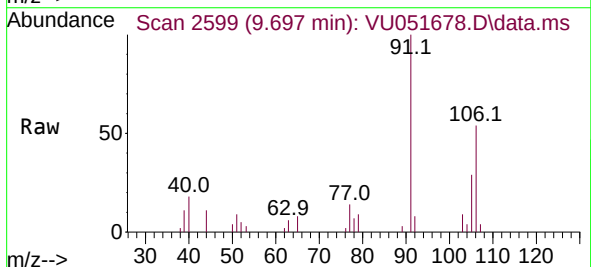
Instrument :
MSVOA_U
ClientSampleId :

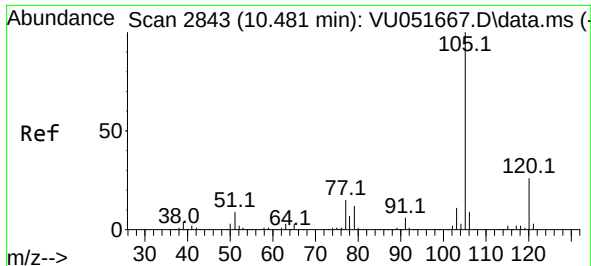
Tgt Ion:112 Resp: 100626
Ion Ratio Lower Upper
112 100
114 31.4 22.0 40.8
77 59.0 46.7 70.1



#53
m,p-Xylene
Concen: 0.183 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU051678.D
Acq: 02 Nov 2022 02:09

Tgt Ion:106 Resp: 5526
Ion Ratio Lower Upper
106 100
91 186.3 139.4 259.0

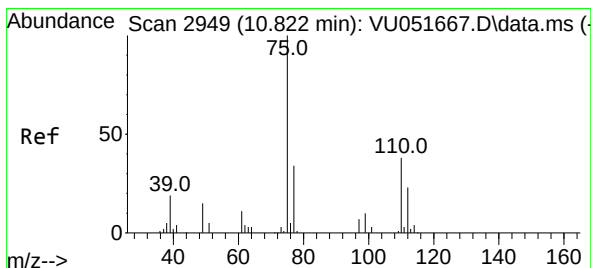
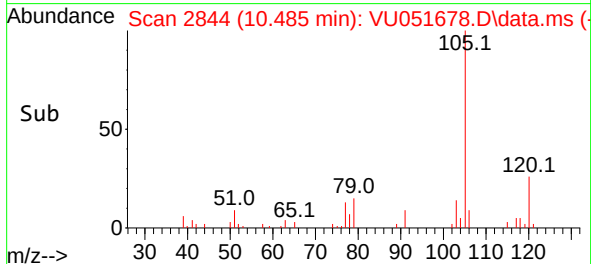
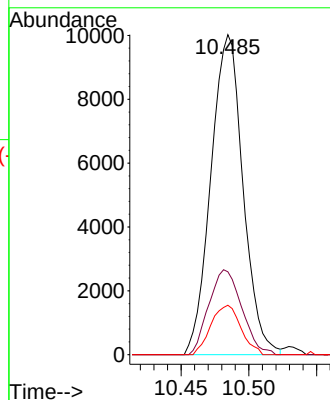
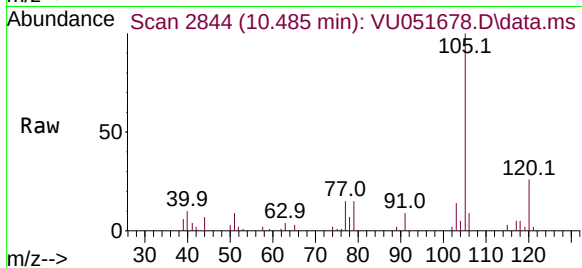




#60
Isopropylbenzene
Concen: 0.271 ug/L
RT: 10.485 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051678.D
Acq: 02 Nov 2022 02:09

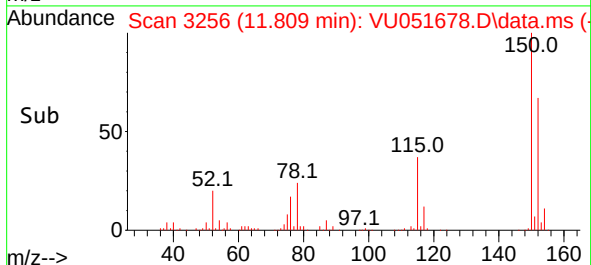
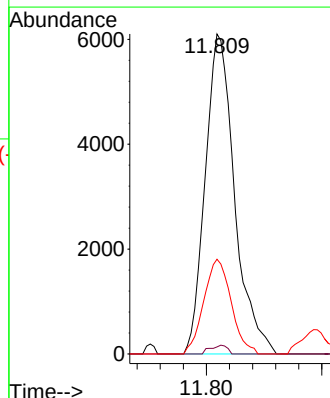
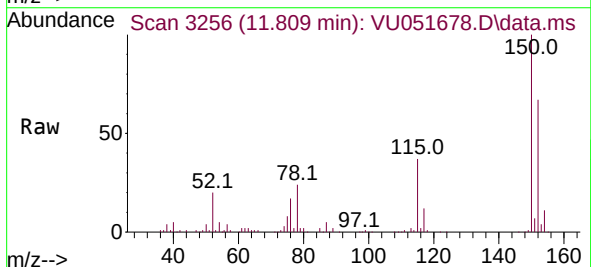
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MSVOA_U
ClientSampleId :

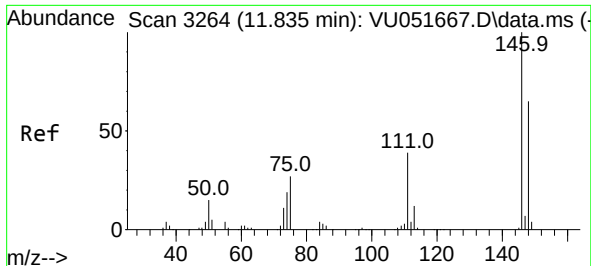
Tgt Ion:105 Resp: 16515
Ion Ratio Lower Upper
105 100
120 27.2 20.9 31.3
77 14.4 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 0.997 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051678.D
Acq: 02 Nov 2022 02:09

Tgt Ion: 75 Resp: 10766
Ion Ratio Lower Upper
75 100
110 1.6 28.7 43.1#
77 27.6 26.1 39.1





#65

1,4-Dichlorobenzene

Concen: 0.122 ug/L

RT: 11.838 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU051678.D

Acq: 02 Nov 2022 02:09

Instrument :

MSVOA_U

ClientSampleId :

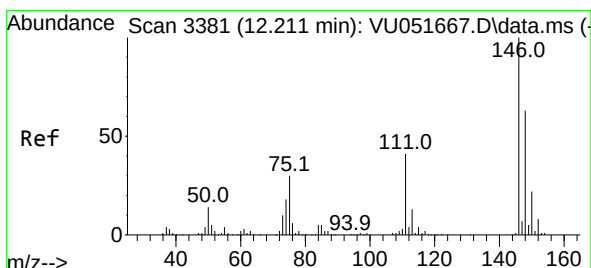
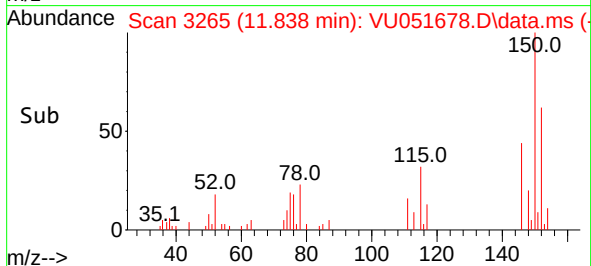
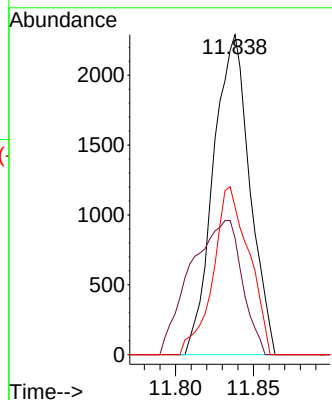
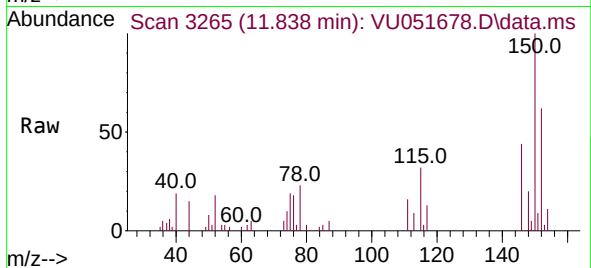
Tgt Ion:146 Resp: 3707

Ion Ratio Lower Upper

146 100

111 36.4 26.7 49.5

148 46.1 43.5 80.9



#67

1,2-Dichlorobenzene

Concen: 0.159 ug/L

RT: 12.208 min Scan# 3380

Delta R.T. -0.003 min

Lab File: VU051678.D

Acq: 02 Nov 2022 02:09

Tgt Ion:146 Resp: 4685

Ion Ratio Lower Upper

146 100

111 46.8 34.2 51.2

148 62.1 50.1 75.1

