

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101022\
 Data File : VU051320.D
 Acq On : 10 Oct 2022 12:21
 Operator : JC/MD
 Sample : N5013-02DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 01:00:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 11 00:58:34 2022
 Response via : Initial Calibration

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

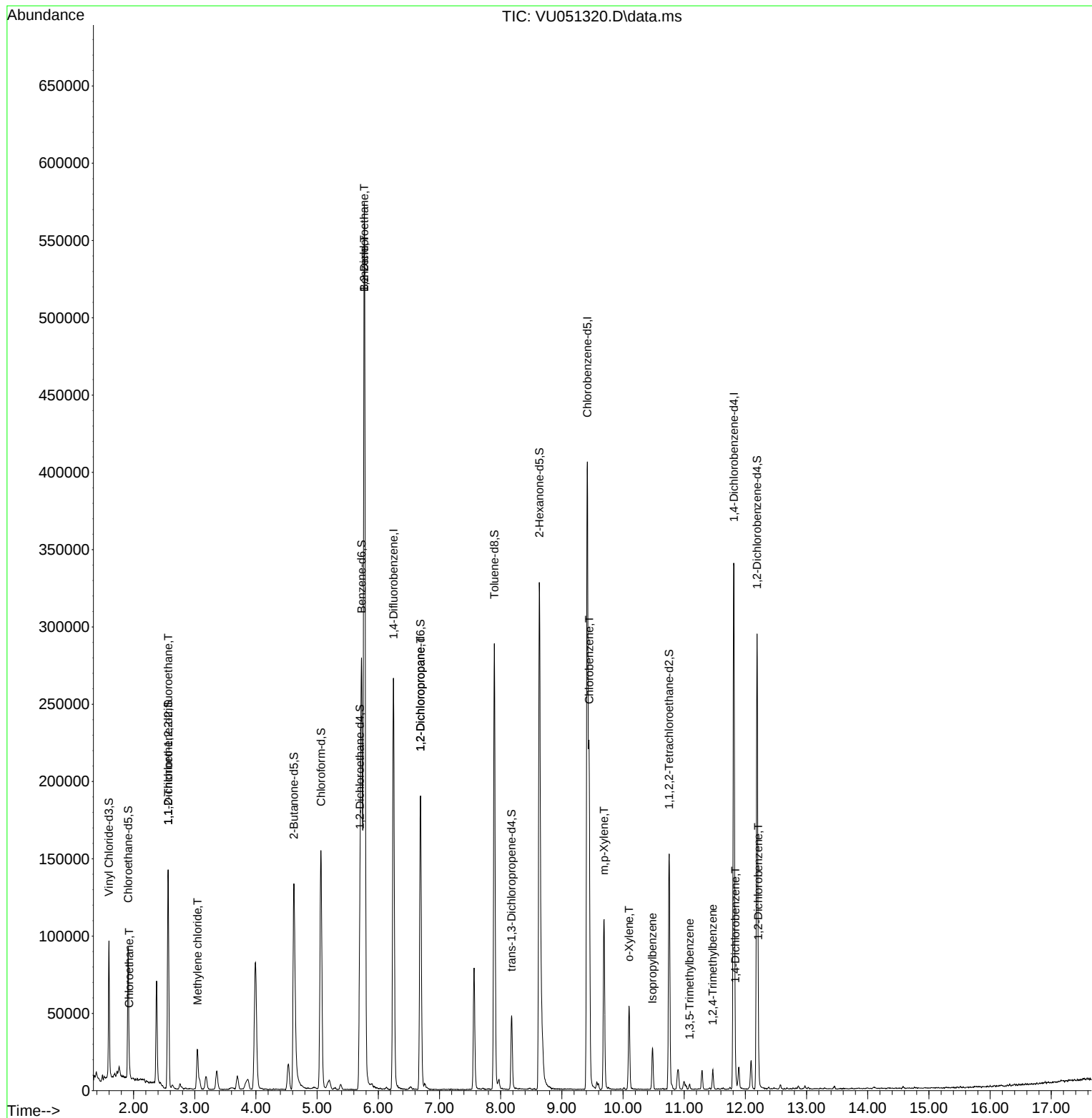
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	210795	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	225203	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	90188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	63758	3.750	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.000%	
7) Chloroethane-d5	1.912	69	60892	4.168	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.400%	
11) 1,1-Dichloroethene-d2	2.565	65	27304	4.062	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.200%	
20) 2-Butanone-d5	4.620	46	179967	48.073	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.140%	
24) Chloroform-d	5.063	84	144154	4.547	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
26) 1,2-Dichloroethane-d4	5.700	65	76168	4.659	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
32) Benzene-d6	5.726	84	259265	4.185	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.600%	
36) 1,2-Dichloropropane-d6	6.690	67	95919	4.559	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.200%	
41) Toluene-d8	7.896	98	198364	3.579	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.600%	
43) trans-1,3-Dichloroprop...	8.179	79	27343	3.956	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.200%	
46) 2-Hexanone-d5	8.632	63	95214	40.869	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.740%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	78404	4.665	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	76903	4.906	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.200%	
Target Compounds						Qvalue
8) Chloroethane	1.929	64	3607	0.239	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	755	0.046	ug/L #	21
16) Methylene chloride	3.044	84	11879	0.523	ug/L	96
27) 1,2-Dichloroethane	5.771	62	4233	0.203	ug/L #	74
33) Benzene	5.771	78	552631	7.350	ug/L	100
37) 1,2-Dichloropropane	6.690	63	9710	0.471	ug/L #	89
51) Chlorobenzene	9.446	112	110374	2.315	ug/L	99
53) m,p-Xylene	9.690	106	30197	1.086	ug/L	95
54) o-Xylene	10.099	106	13762	0.523	ug/L	89
60) Isopropylbenzene	10.481	105	16034	0.281	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	2108	0.139	ug/L	89
63) 1,2,4-Trimethylbenzene	11.468	105	6687	0.156	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	3552	0.128	ug/L	91
67) 1,2-Dichlorobenzene	12.211	146	3964	0.144	ug/L	94

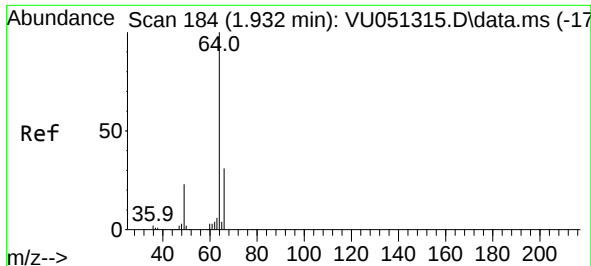
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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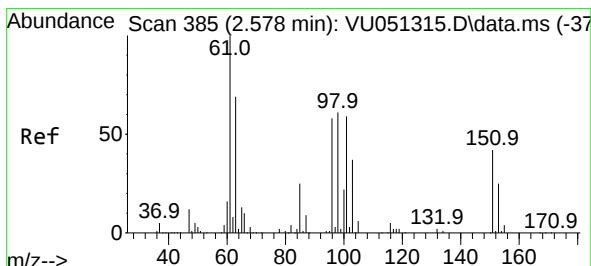
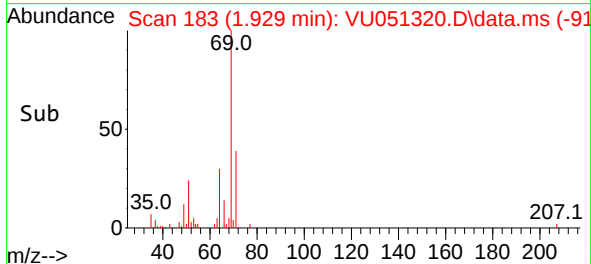
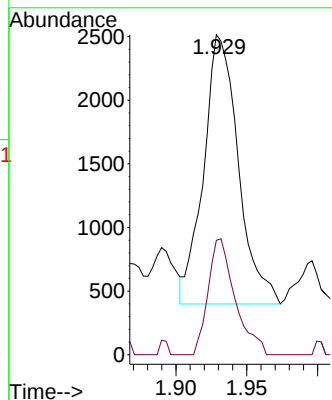
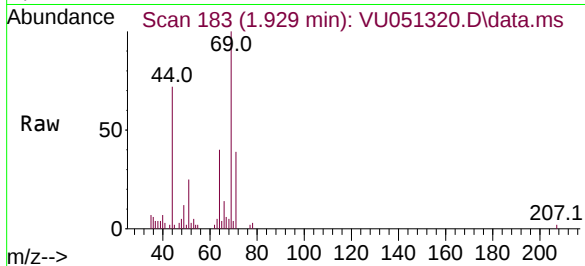




#8
Chloroethane
Concen: 0.239 ug/L
RT: 1.929 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051320.D
Acq: 10 Oct 2022 12:21

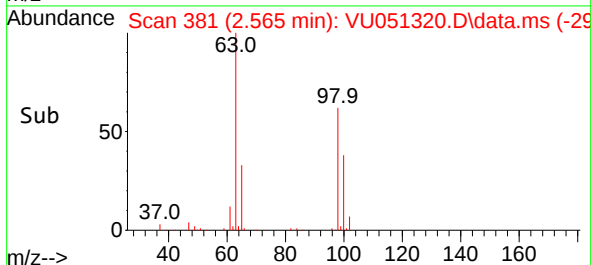
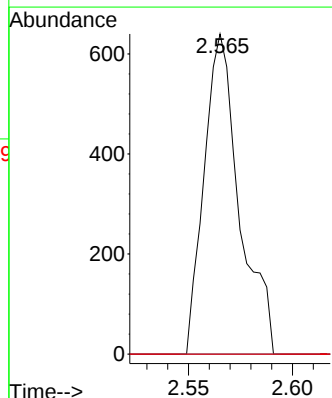
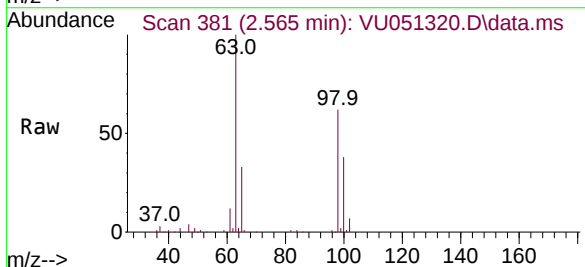
Instrument :
MSVOA_U
ClientSampleId :

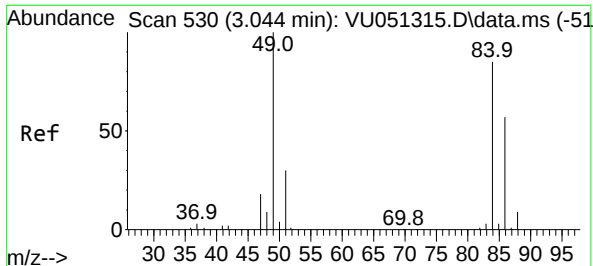
Tgt Ion: 64 Resp: 3607
Ion Ratio Lower Upper
64 100
66 35.7 22.3 41.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.046 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051320.D
Acq: 10 Oct 2022 12:21

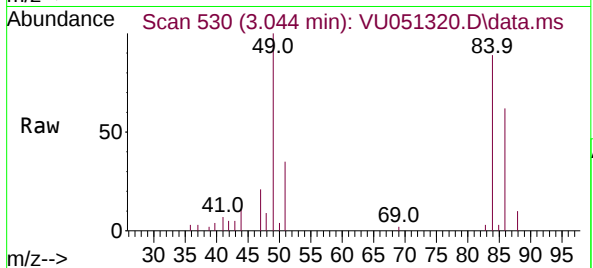
Tgt Ion:101 Resp: 755
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#



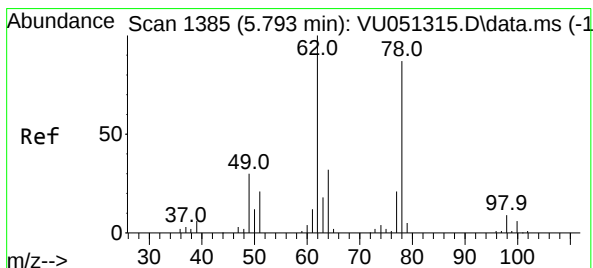
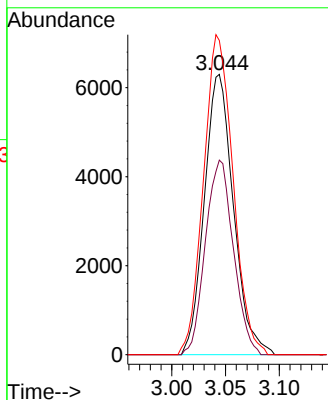
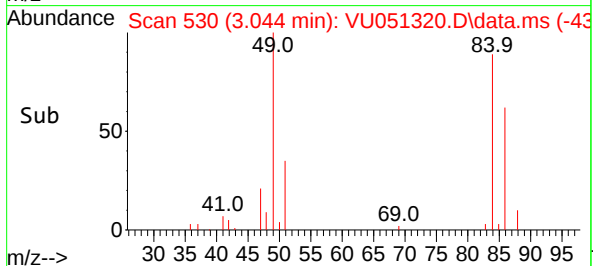


#16
Methylene chloride
Concen: 0.523 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU051320.D
Acq: 10 Oct 2022 12:21

Instrument :
MSVOA_U
ClientSampleId :

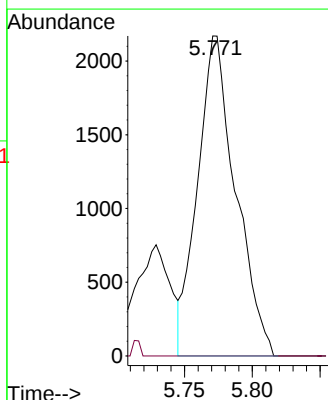
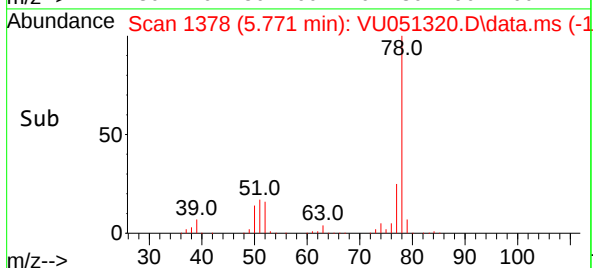
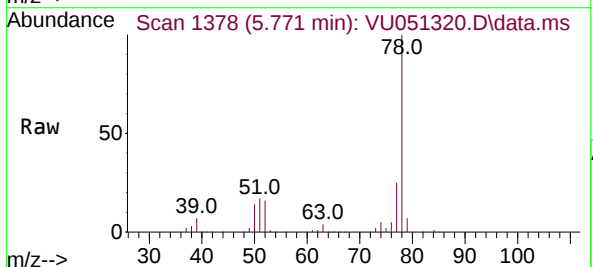


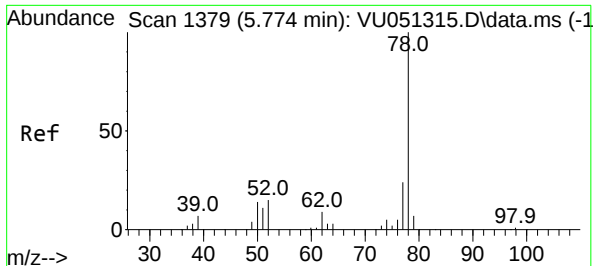
Tgt Ion: 84 Resp: 11879
Ion Ratio Lower Upper
84 100
86 69.4 46.5 86.3
49 112.1 81.3 151.1



#27
1,2-Dichloroethane
Concen: 0.203 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.023 min
Lab File: VU051320.D
Acq: 10 Oct 2022 12:21

Tgt Ion: 62 Resp: 4233
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#

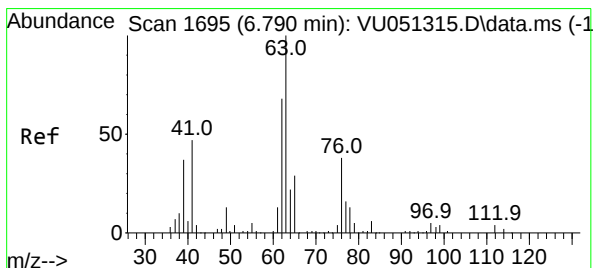
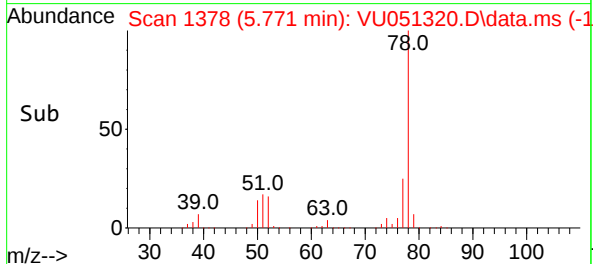
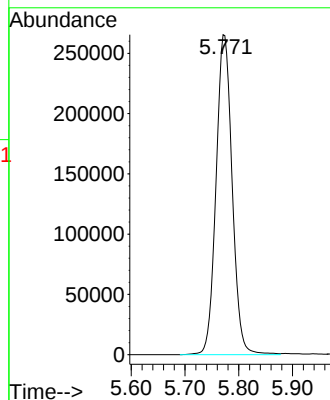
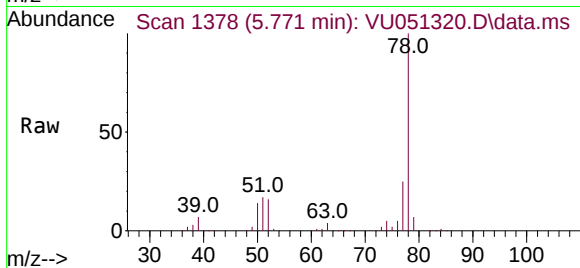




#33
Benzene
Concen: 7.350 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051320.D
Acq: 10 Oct 2022 12:21

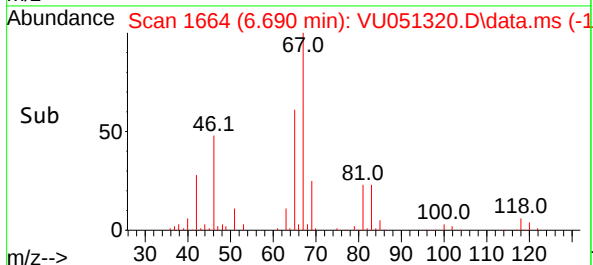
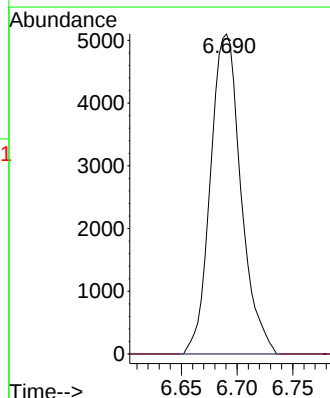
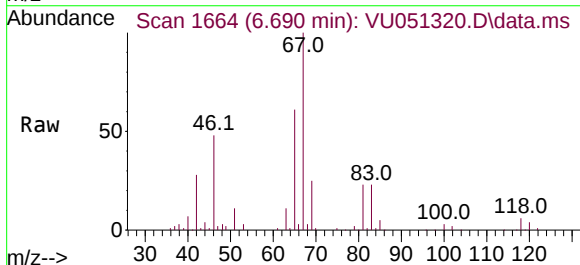
Instrument :
MSVOA_U
ClientSampleId :

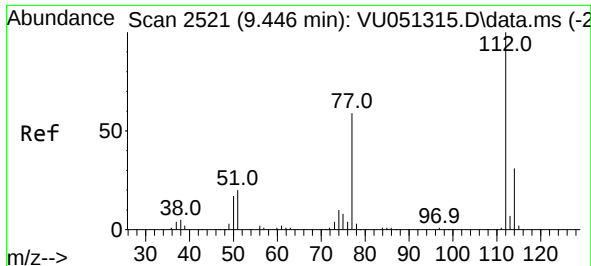
Tgt Ion: 78 Resp: 552631



#37
1,2-Dichloropropane
Concen: 0.471 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051320.D
Acq: 10 Oct 2022 12:21

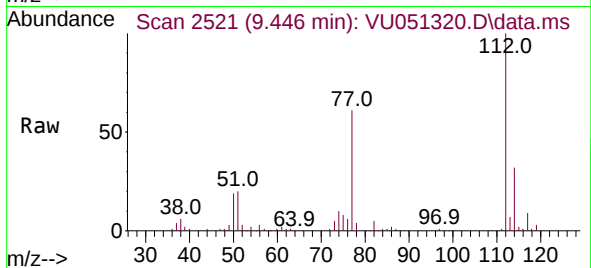
Tgt Ion: 63 Resp: 9710
Ion Ratio Lower Upper
63 100
112 0.5 3.2 4.8#



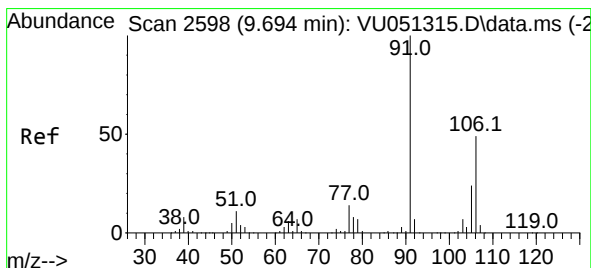
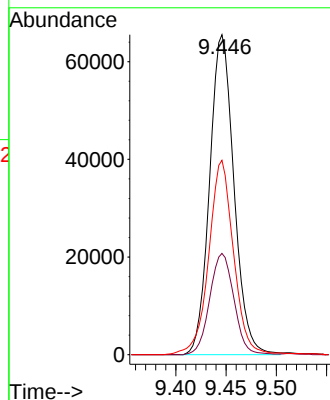
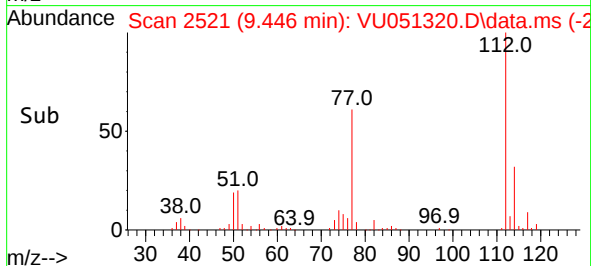


#51
Chlorobenzene
Concen: 2.315 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051320.D
Acq: 10 Oct 2022 12:21

Instrument :
MSVOA_U
ClientSampleId :

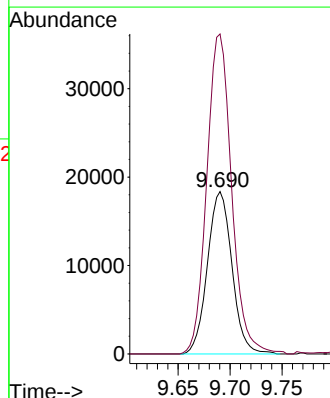
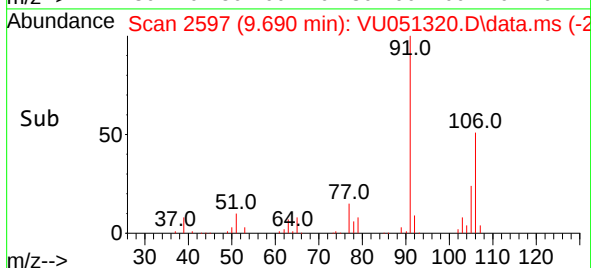
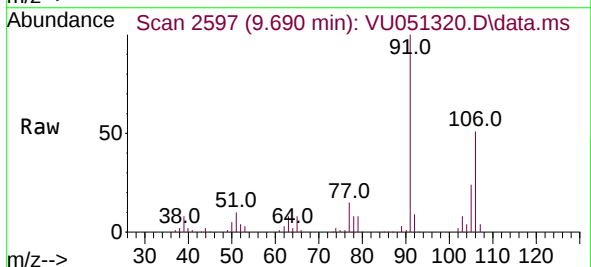


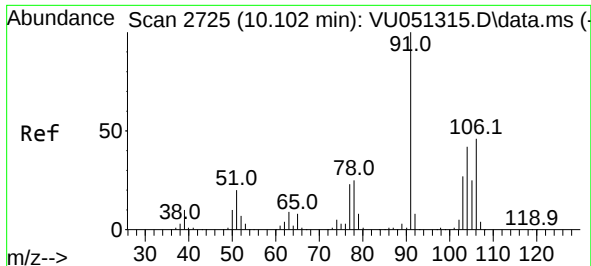
Tgt Ion:112 Resp: 110374
Ion Ratio Lower Upper
112 100
114 31.7 22.3 41.5
77 60.8 48.1 72.1



#53
m,p-Xylene
Concen: 1.086 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051320.D
Acq: 10 Oct 2022 12:21

Tgt Ion:106 Resp: 30197
Ion Ratio Lower Upper
106 100
91 197.1 143.9 267.3

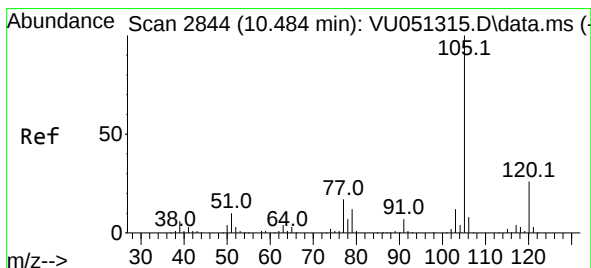
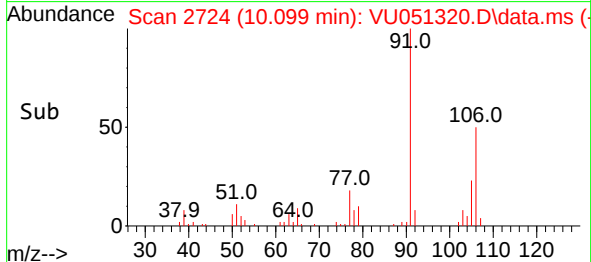
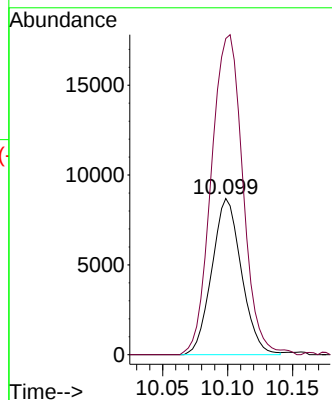
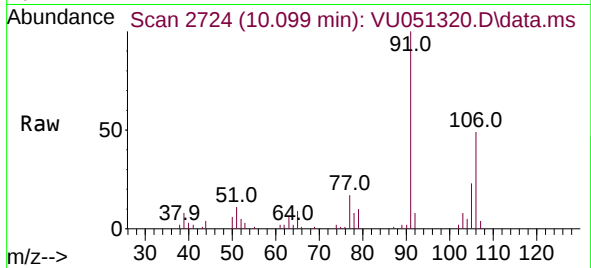




#54
o-Xylene
Concen: 0.523 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051320.D
Acq: 10 Oct 2022 12:21

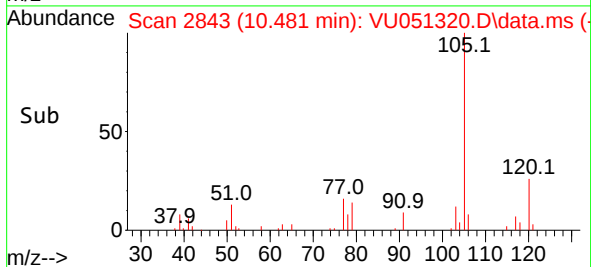
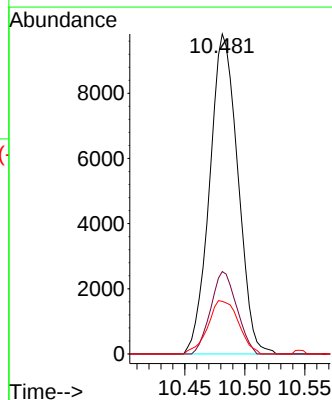
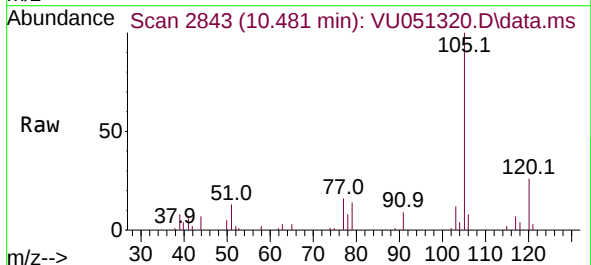
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MSVOA_U
ClientSampleId :

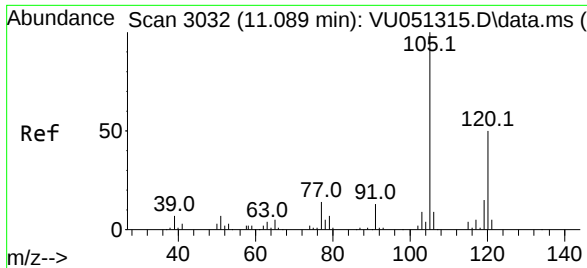
Tgt Ion:106 Resp: 13762
Ion Ratio Lower Upper
106 100
91 202.3 154.4 286.8



#60
Isopropylbenzene
Concen: 0.281 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU051320.D
Acq: 10 Oct 2022 12:21

Tgt Ion:105 Resp: 16034
Ion Ratio Lower Upper
105 100
120 23.8 20.6 30.8
77 18.1 13.5 20.3

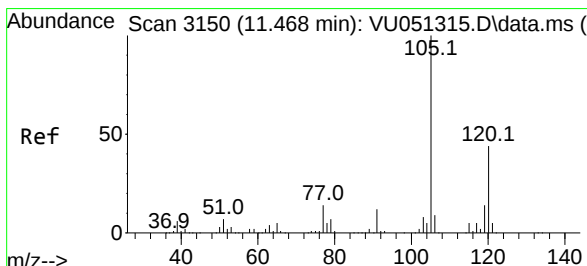
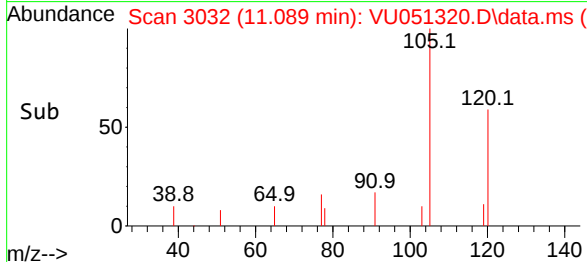
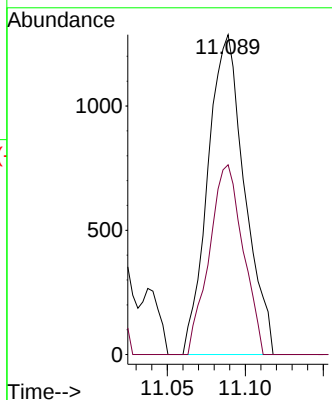
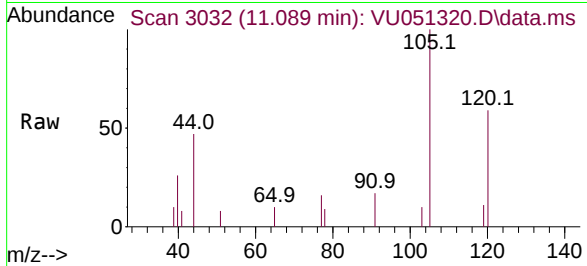




#62
 1,3,5-Trimethylbenzene
 Concen: 0.139 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU051320.D
 Acq: 10 Oct 2022 12:21

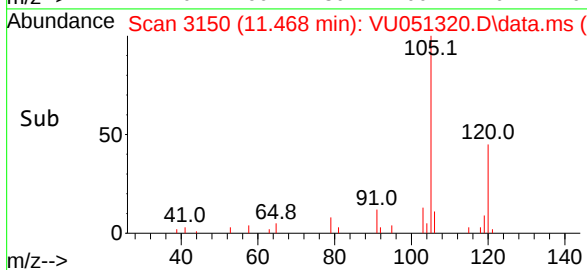
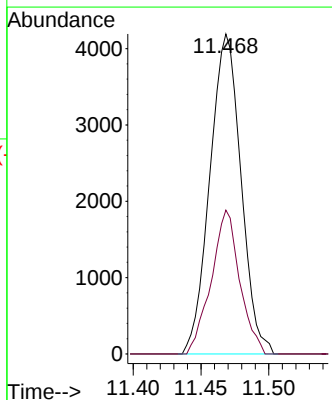
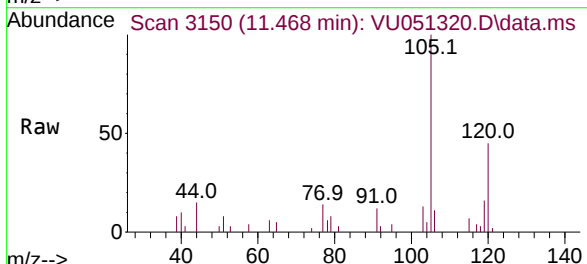
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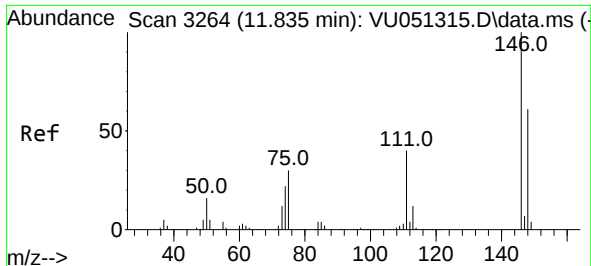
Tgt Ion:105 Resp: 2108
 Ion Ratio Lower Upper
 105 100
 120 54.5 37.7 56.5



#63
 1,2,4-Trimethylbenzene
 Concen: 0.156 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU051320.D
 Acq: 10 Oct 2022 12:21

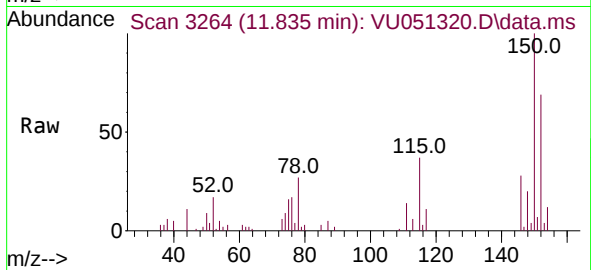
Tgt Ion:105 Resp: 6687
 Ion Ratio Lower Upper
 105 100
 120 41.1 35.6 53.4



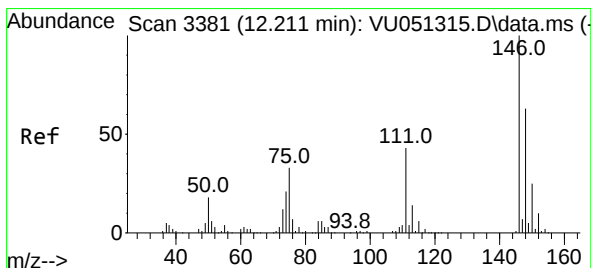
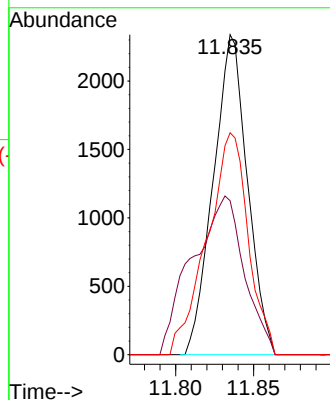
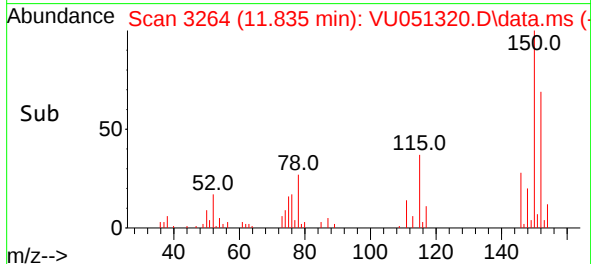


#65
1,4-Dichlorobenzene
Concen: 0.128 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051320.D
Acq: 10 Oct 2022 12:21

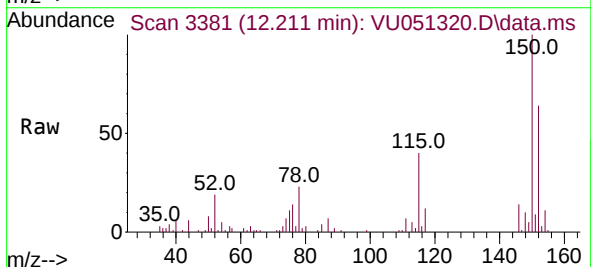
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:146 Resp: 3552
Ion Ratio Lower Upper
146 100
111 48.1 29.1 54.1
148 69.3 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 0.144 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051320.D
Acq: 10 Oct 2022 12:21



Tgt Ion:146 Resp: 3964
Ion Ratio Lower Upper
146 100
111 47.5 35.5 53.3
148 68.7 50.9 76.3

