

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072022\
 Data File : VU049811.D
 Acq On : 20 Jul 2022 18:49
 Operator : SY/MD
 Sample : N3792-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUL2

Quant Time: Jul 21 04:26:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 21 04:19:56 2022
 Response via : Initial Calibration

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

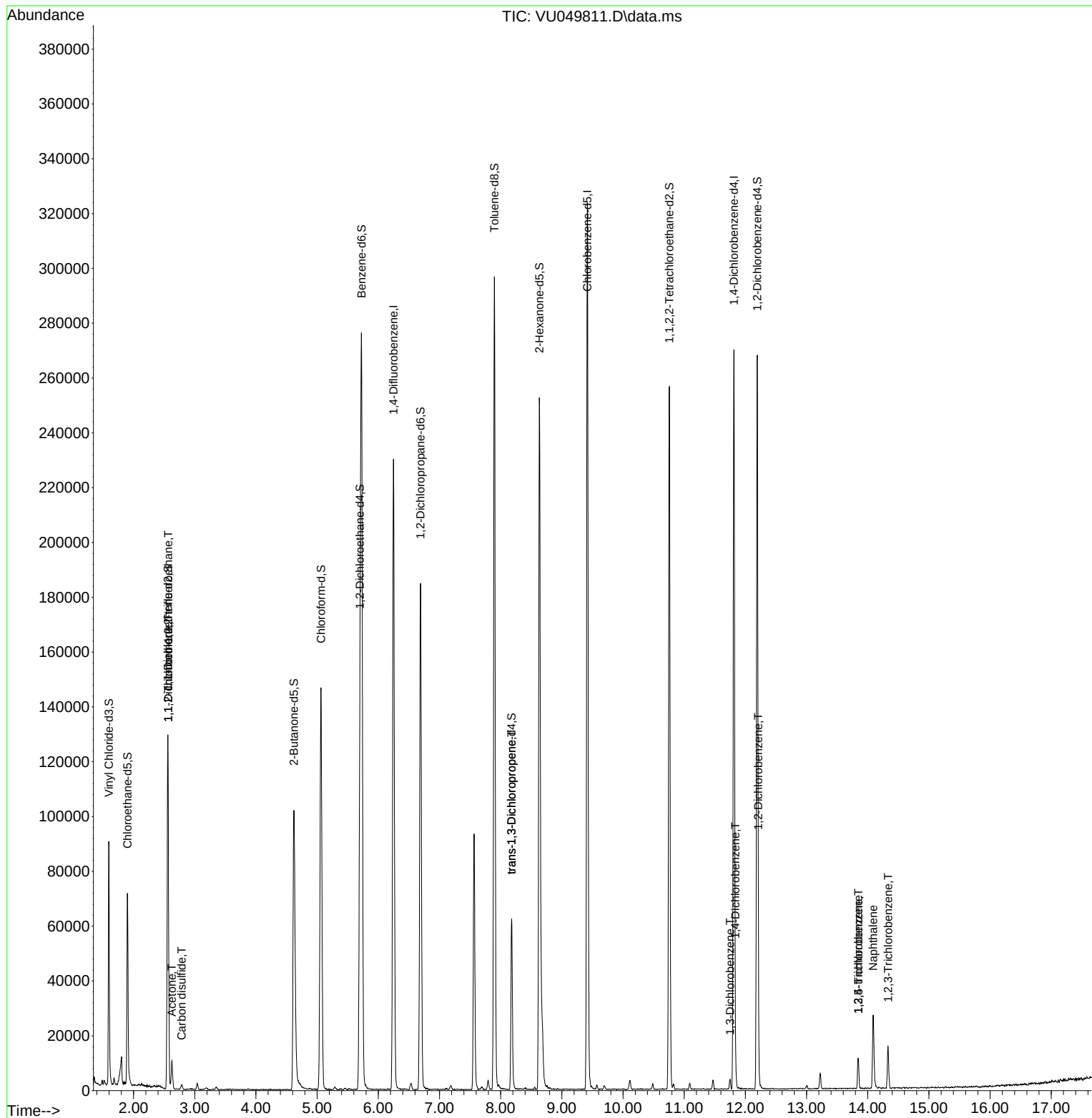
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	175150	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	167372	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	68029	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	63193	42.761	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.520%
7) Chloroethane-d5	1.900	69	50946	47.692	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.380%
11) 1,1-Dichloroethene-d2	2.562	63	79254	30.361	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.720%
21) 2-Butanone-d5	4.620	46	151695	120.243	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.240%
24) Chloroform-d	5.063	84	129723	49.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.120%
26) 1,2-Dichloroethane-d4	5.700	65	93936	53.026	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.060%
32) Benzene-d6	5.726	84	237799	46.767	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.540%
36) 1,2-Dichloropropane-d6	6.690	67	86409	50.523	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.040%
41) Toluene-d8	7.896	98	190381	42.995	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.980%
43) trans-1,3-Dichloroprop...	8.179	79	33542	46.549	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.100%
47) 2-Hexanone-d5	8.632	63	74825	97.260	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.260%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	123399	51.565	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.140%
66) 1,2-Dichlorobenzene-d4	12.195	152	64894	50.594	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.180%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	825	0.611	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	648	0.517	ug/L #	1
13) Acetone	2.626	43	11135	9.287	ug/L	98
14) Carbon disulfide	2.787	76	2276	0.539	ug/L	96
44) trans-1,3-Dichloropropene	8.179	75	1708	0.773	ug/L	92
64) 1,3-Dichlorobenzene	11.751	146	1692	0.763	ug/L	94
65) 1,4-Dichlorobenzene	11.835	146	2549	1.144	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	1909	0.828	ug/L	89
69) 1,3,5-Trichlorobenzene	13.844	180	3959	2.548	ug/L	95
70) 1,2,4-trichlorobenzene	13.844	180	3959	2.776	ug/L	96
71) Naphthalene	14.089	128	23235	4.558	ug/L	98
72) 1,2,3-Trichlorobenzene	14.333	180	5013	3.394	ug/L	91

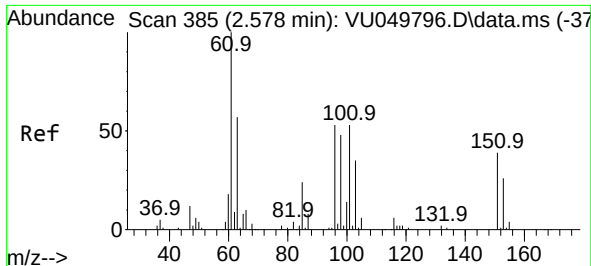
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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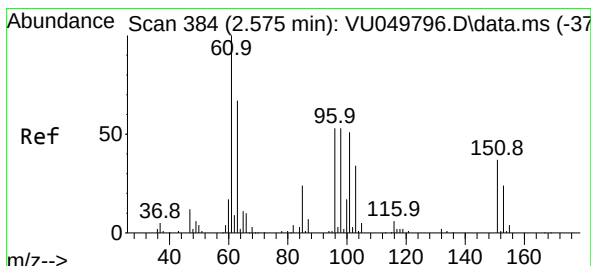
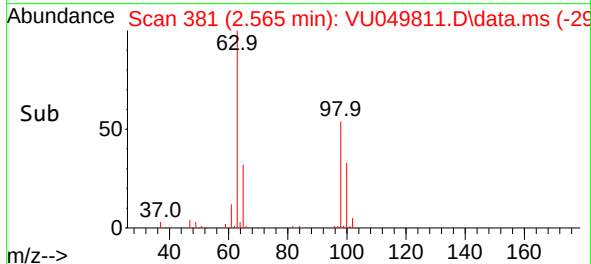
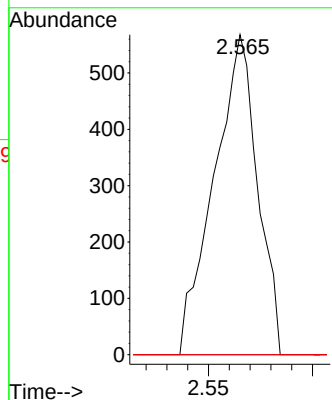
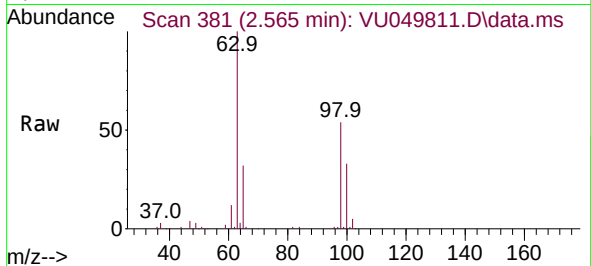




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.611 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU049811.D
 Acq: 20 Jul 2022 18:49

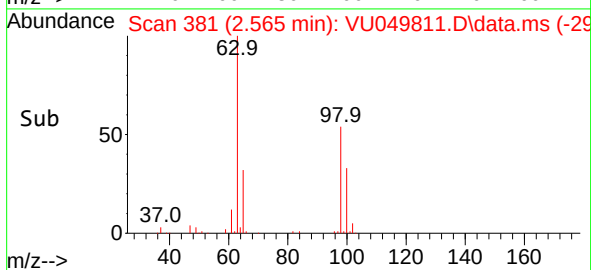
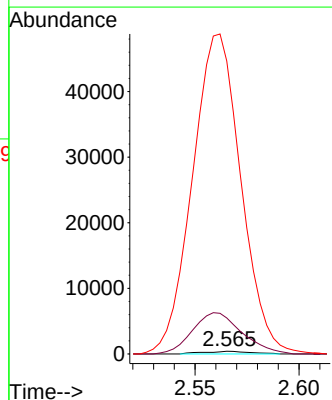
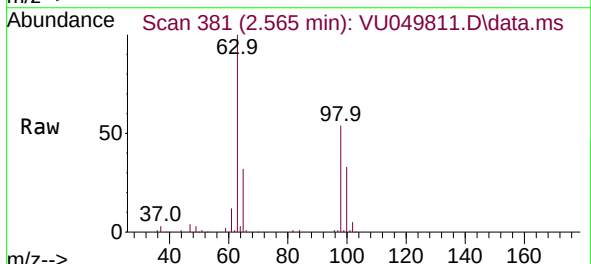
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUL2

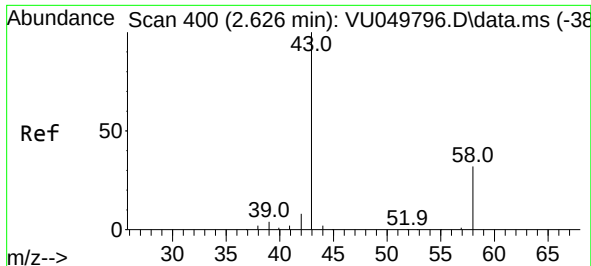
Tgt Ion:101 Resp: 825
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 0.517 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.009 min
 Lab File: VU049811.D
 Acq: 20 Jul 2022 18:49

Tgt Ion: 96 Resp: 648
 Ion Ratio Lower Upper
 96 100
 61 1316.3 129.6 240.6#
 63 10707.0 79.0 146.6#

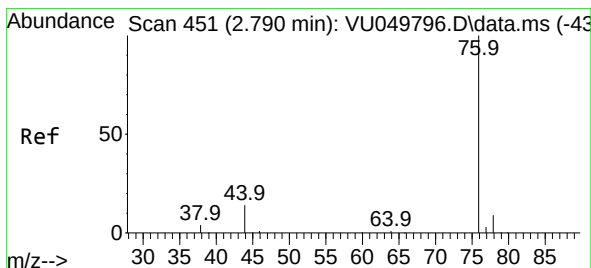
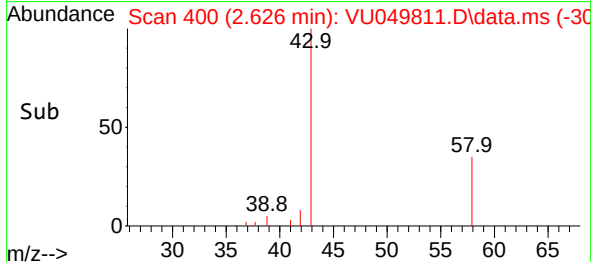
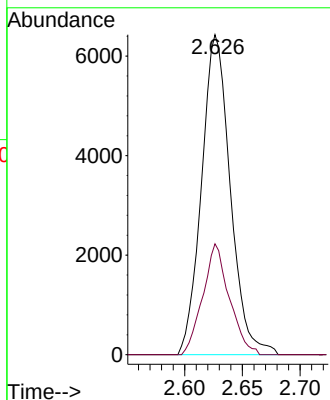
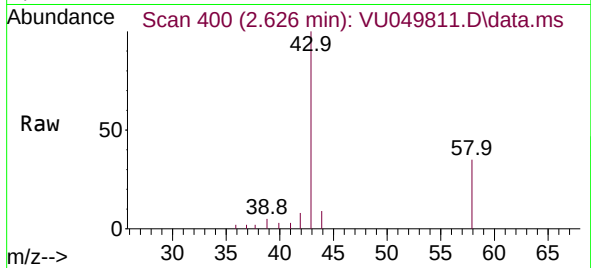




#13
Acetone
Concen: 9.287 ug/L
RT: 2.626 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU049811.D
Acq: 20 Jul 2022 18:49

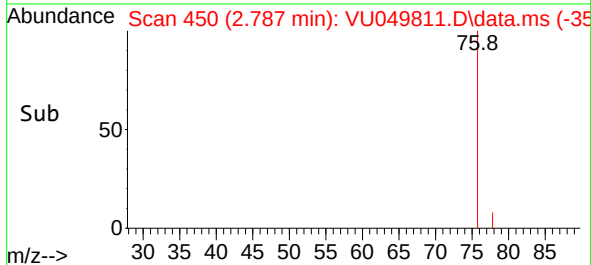
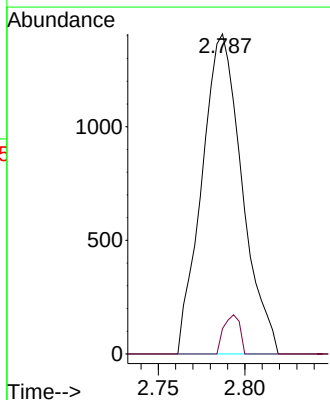
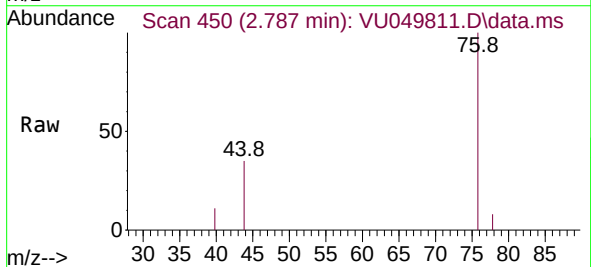
Instrument :
MSVOA_U
ClientSampleId :
DBUL2

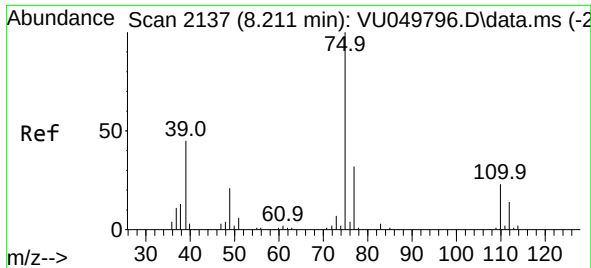
Tgt Ion: 43 Resp: 11135
Ion Ratio Lower Upper
43 100
58 31.9 0.0 61.4



#14
Carbon disulfide
Concen: 0.539 ug/L
RT: 2.787 min Scan# 450
Delta R.T. -0.003 min
Lab File: VU049811.D
Acq: 20 Jul 2022 18:49

Tgt Ion: 76 Resp: 2276
Ion Ratio Lower Upper
76 100
78 8.0 7.6 11.4

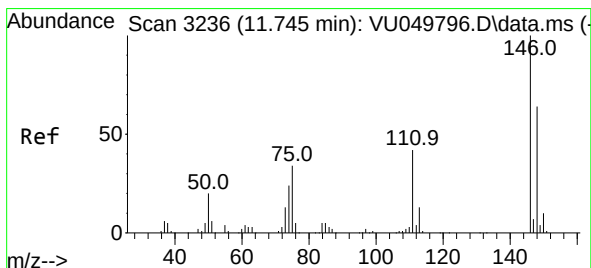
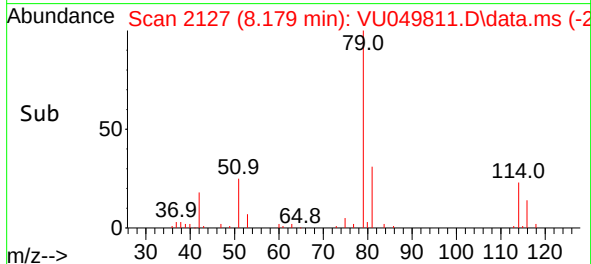
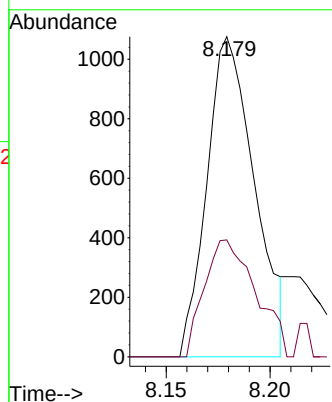
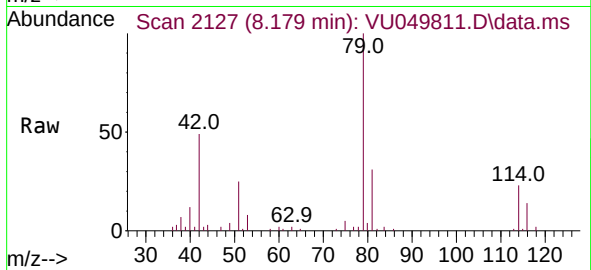




#44
trans-1,3-Dichloropropene
Concen: 0.773 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU049811.D
Acq: 20 Jul 2022 18:49

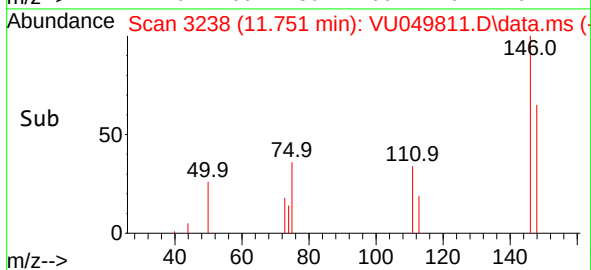
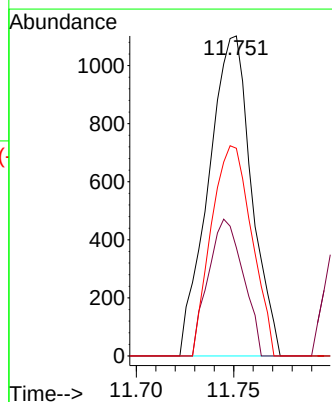
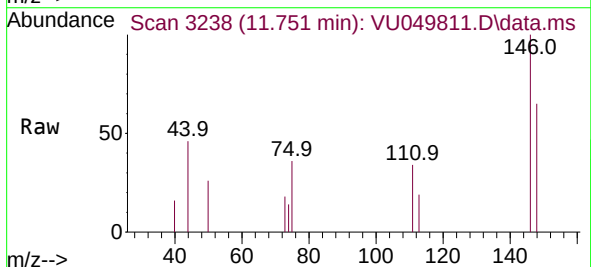
Instrument :
MSVOA_U
ClientSampleId :
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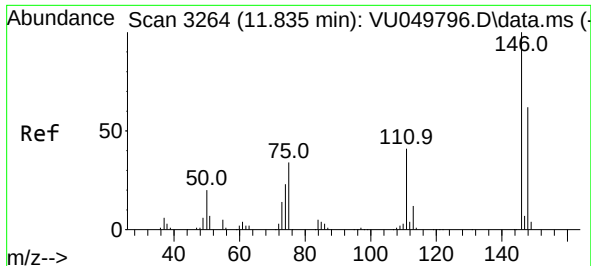
Tgt Ion: 75 Resp: 1708
Ion Ratio Lower Upper
75 100
77 36.5 22.5 41.9



#64
1,3-Dichlorobenzene
Concen: 0.763 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.007 min
Lab File: VU049811.D
Acq: 20 Jul 2022 18:49

Tgt Ion: 146 Resp: 1692
Ion Ratio Lower Upper
146 100
111 33.8 30.0 55.6
148 64.9 45.1 83.9

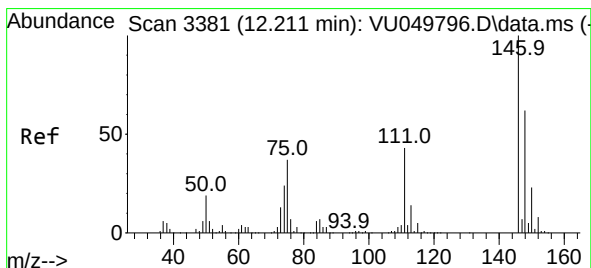
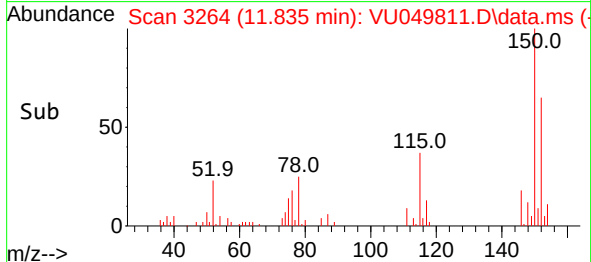
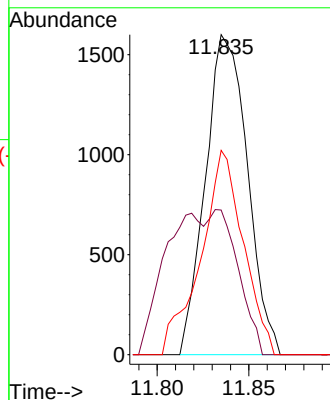
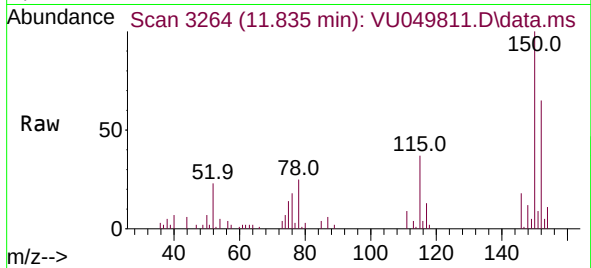




#65
1,4-Dichlorobenzene
Concen: 1.144 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU049811.D
Acq: 20 Jul 2022 18:49

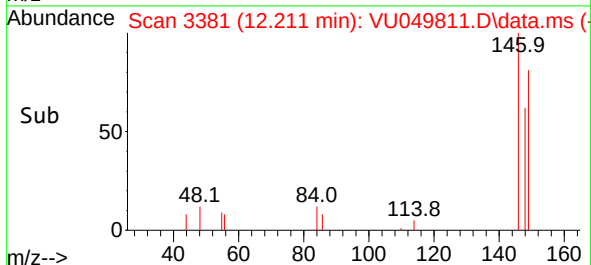
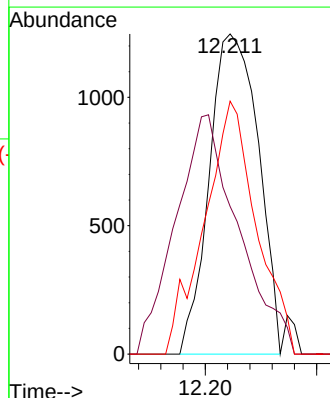
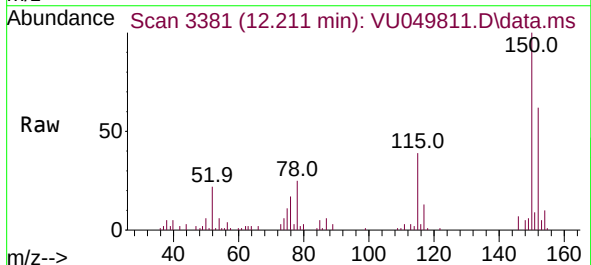
Instrument :
MSVOA_U
ClientSampleId :
DBUL2

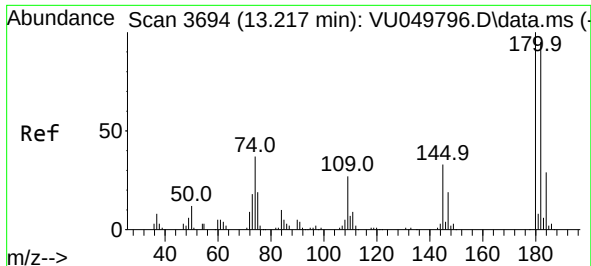
Tgt Ion:146 Resp: 2549
Ion Ratio Lower Upper
146 100
111 45.2 29.1 54.1
148 63.9 44.4 82.4



#67
1,2-Dichlorobenzene
Concen: 0.828 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU049811.D
Acq: 20 Jul 2022 18:49

Tgt Ion:146 Resp: 1909
Ion Ratio Lower Upper
146 100
111 46.1 35.8 53.8
148 79.0 52.7 79.1





#69

1,3,5-Trichlorobenzene

Concen: 2.548 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.627 min

Lab File: VU049811.D

Acq: 20 Jul 2022 18:49

Instrument :

MSVOA_U

ClientSampleId :

DBUL2

Tgt Ion:180 Resp: 3959

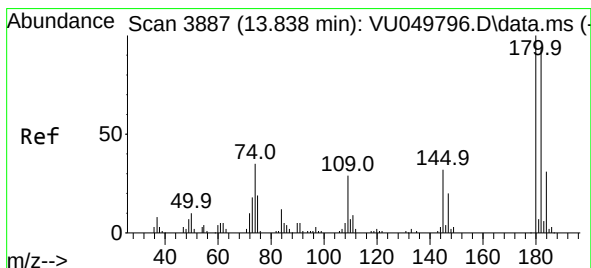
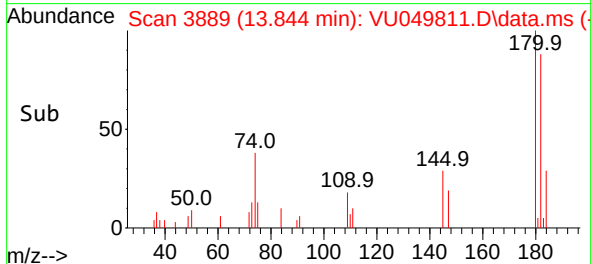
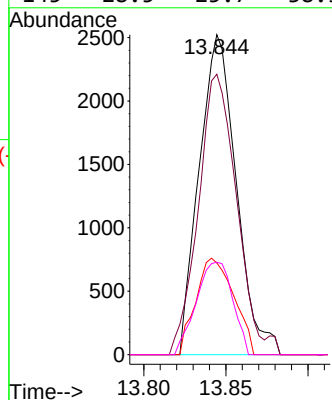
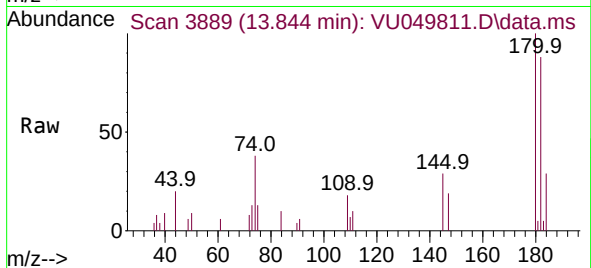
Ion Ratio Lower Upper

180 100

182 89.3 76.0 114.0

184 30.8 24.0 36.0

145 28.5 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 2.776 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.007 min

Lab File: VU049811.D

Acq: 20 Jul 2022 18:49

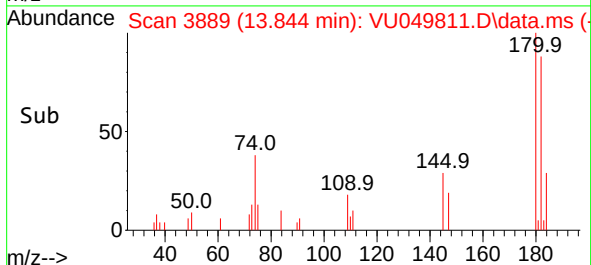
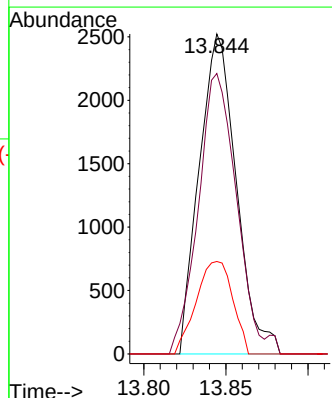
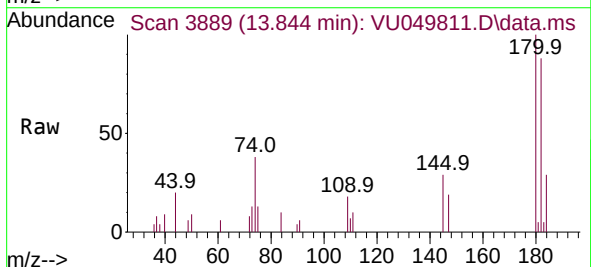
Tgt Ion:180 Resp: 3959

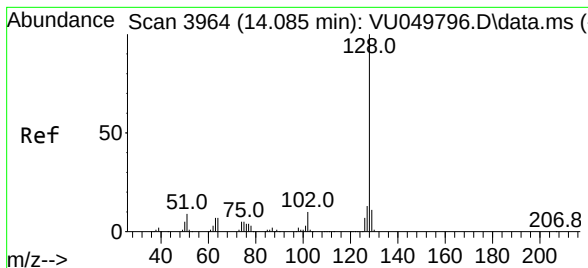
Ion Ratio Lower Upper

180 100

182 89.3 74.8 112.2

145 28.5 24.7 37.1





#71

Naphthalene

Concen: 4.558 ug/L

RT: 14.089 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU049811.D

Acq: 20 Jul 2022 18:49

Instrument :

MSVOA_U

ClientSampleId :

DBUL2

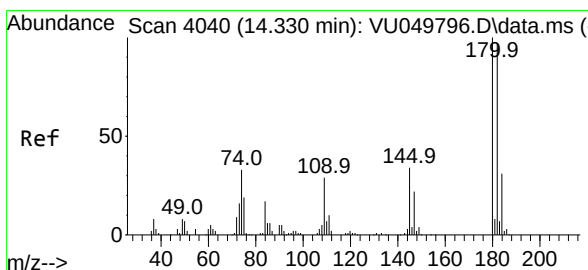
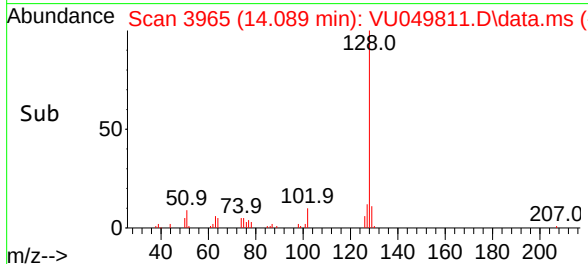
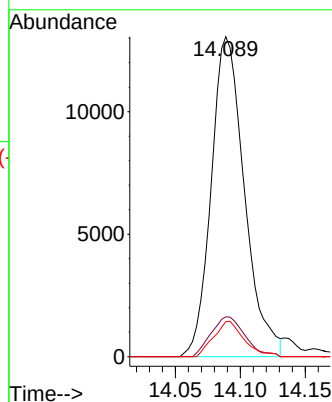
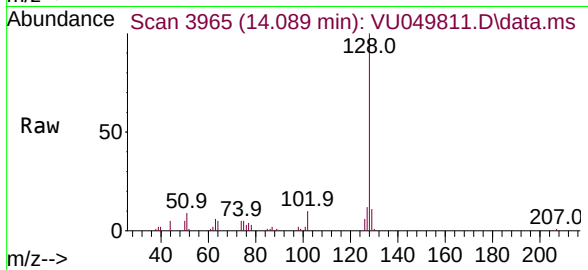
Tgt Ion:128 Resp: 23235

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.4

129 10.1 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 3.394 ug/L

RT: 14.333 min Scan# 4041

Delta R.T. 0.003 min

Lab File: VU049811.D

Acq: 20 Jul 2022 18:49

Tgt Ion:180 Resp: 5013

Ion Ratio Lower Upper

180 100

182 85.9 76.6 115.0

145 37.8 27.1 40.7

