

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062022\
 Data File : VU049313.D
 Acq On : 20 Jun 2022 18:09
 Operator : SY/MD
 Sample : N3395-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0157

Quant Time: Jun 21 01:13:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 21 01:08:31 2022
 Response via : Initial Calibration

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

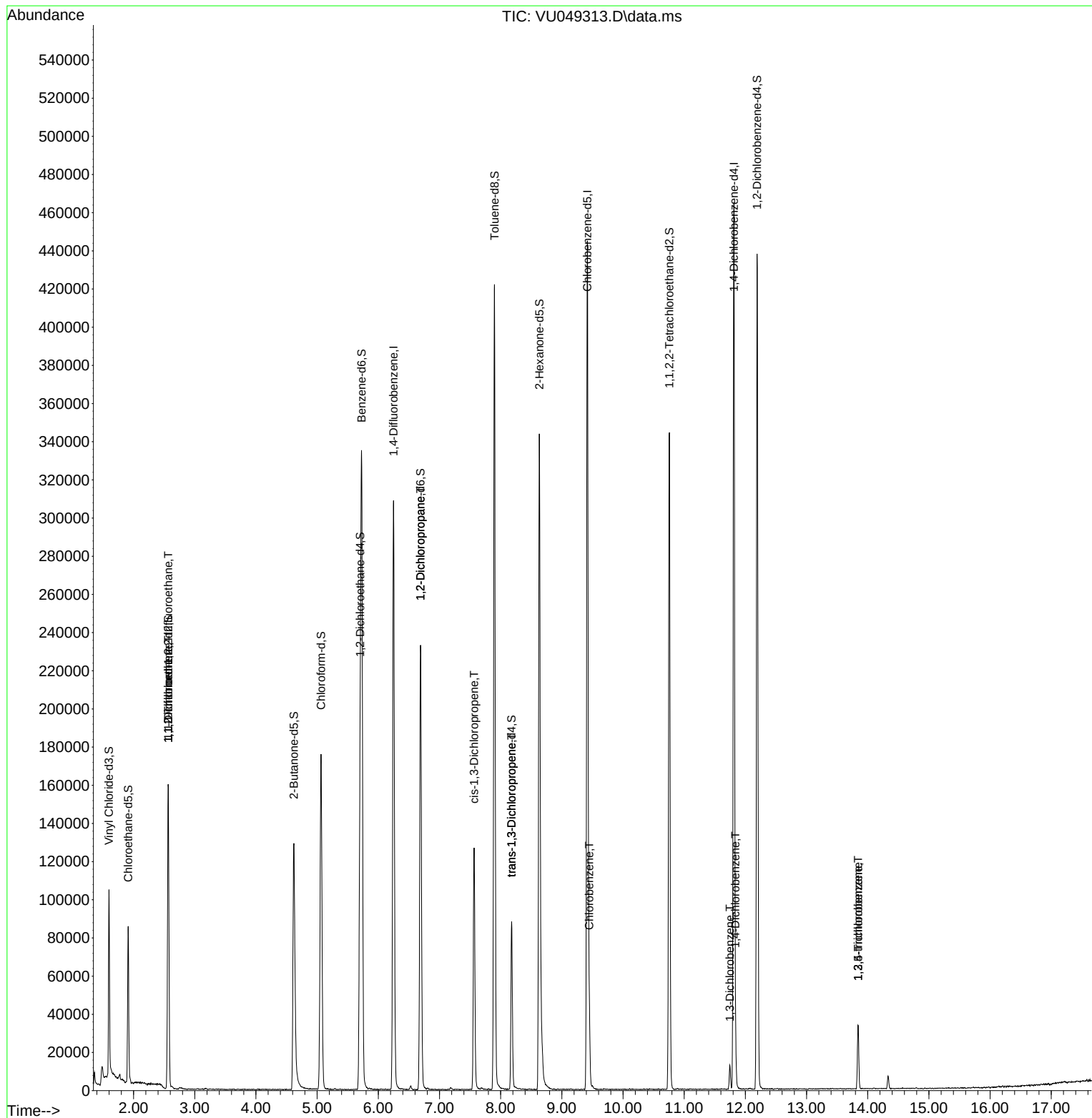
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	245987	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	235146	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	118361	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67457	44.514	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.020%
7) Chloroethane-d5	1.912	69	56565	50.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.680%
11) 1,1-Dichloroethene-d2	2.565	63	98466	34.435	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.860%
21) 2-Butanone-d5	4.620	46	191781	115.429	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.430%
24) Chloroform-d	5.063	84	161649	50.004	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.703	65	107752	51.448	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.900%
32) Benzene-d6	5.729	84	302001	51.794	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.580%
36) 1,2-Dichloropropane-d6	6.690	67	112602	57.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.880%
41) Toluene-d8	7.899	98	272411	52.974	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.940%
43) trans-1,3-Dichloroprop...	8.179	79	48724	52.836	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.680%
47) 2-Hexanone-d5	8.632	63	115364	112.451	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.450%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	175491	53.603	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	109203	53.026	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.060%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	777	0.448	ug/L #	19
12) 1,1-Dichloroethene	2.568	96	668	0.440	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	12103	5.634	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	3111	0.984	ug/L #	65
44) trans-1,3-Dichloropropene	8.179	75	2238	0.715	ug/L	88
51) Chlorobenzene	9.446	112	20505	3.852	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	5113	1.296	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	8158	2.043	ug/L	97
69) 1,3,5-Trichlorobenzene	13.841	180	10572	3.752	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	10572	4.437	ug/L	97

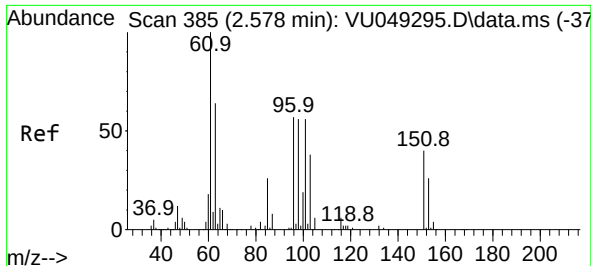
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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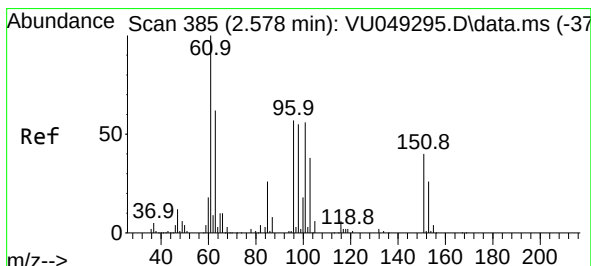
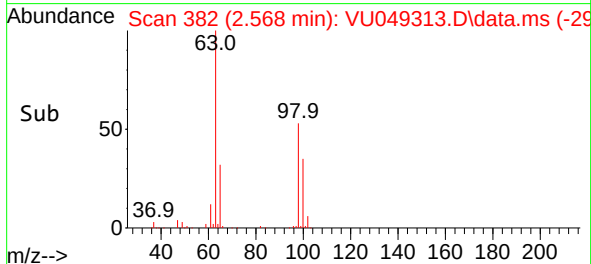
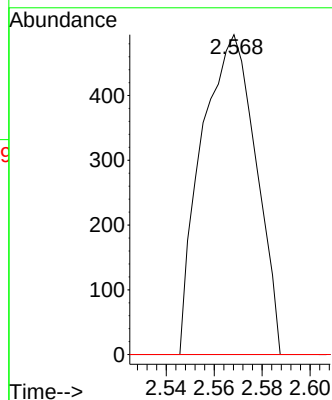
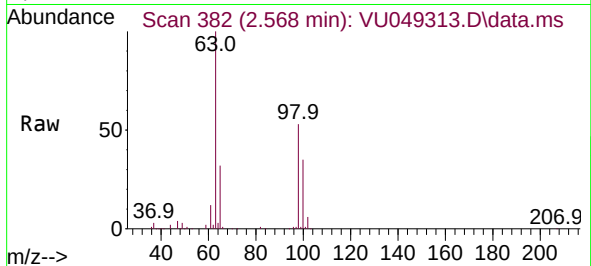




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.448 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU049313.D
 Acq: 20 Jun 2022 18:09

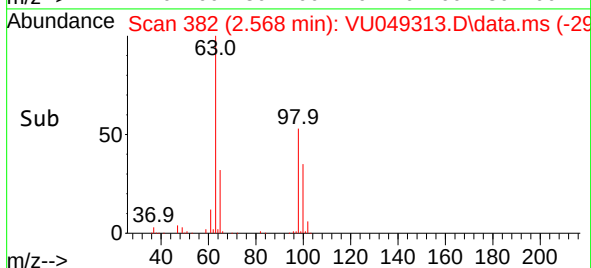
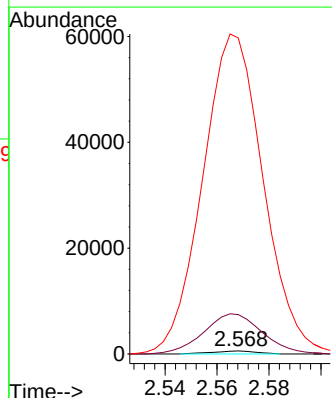
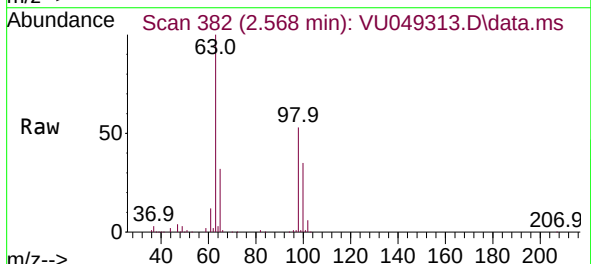
Instrument :
 MSVOA_U
 ClientSampleId :
 C0157

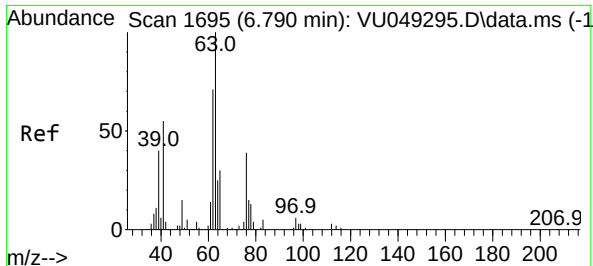
Tgt Ion:101 Resp: 777
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.2 52.8#
 151 0.0 61.4 92.2#



#12
 1,1-Dichloroethene
 Concen: 0.440 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU049313.D
 Acq: 20 Jun 2022 18:09

Tgt Ion: 96 Resp: 668
 Ion Ratio Lower Upper
 96 100
 61 1317.2 123.5 229.3#
 63 10590.1 86.0 159.8#





#37

1,2-Dichloropropane

Concen: 5.634 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049313.D

Acq: 20 Jun 2022 18:09

Instrument :

MSVOA_U

ClientSampleId :

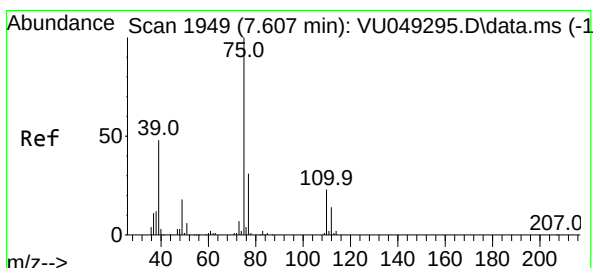
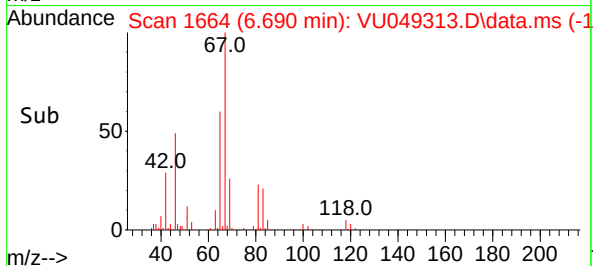
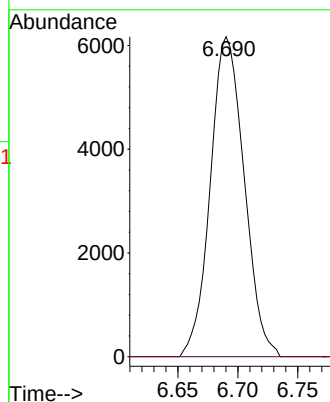
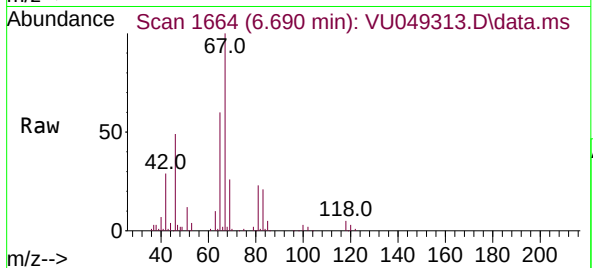
C0157

Tgt Ion: 63 Resp: 12103

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.984 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049313.D

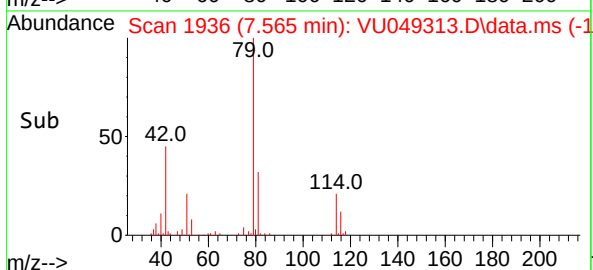
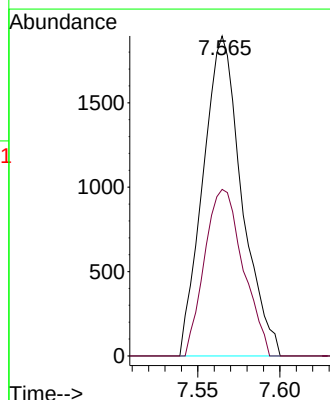
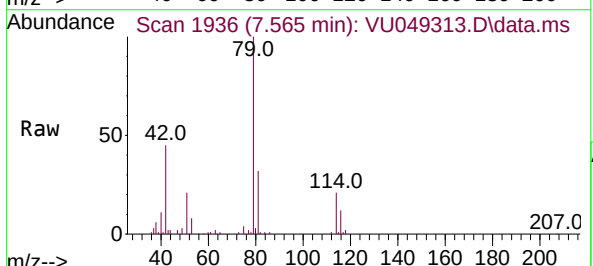
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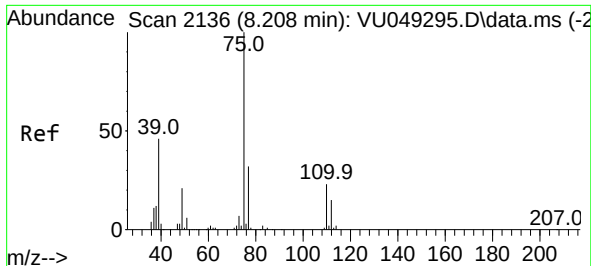
Tgt Ion: 75 Resp: 3111

Ion Ratio Lower Upper

75 100

77 52.1 22.6 42.0#

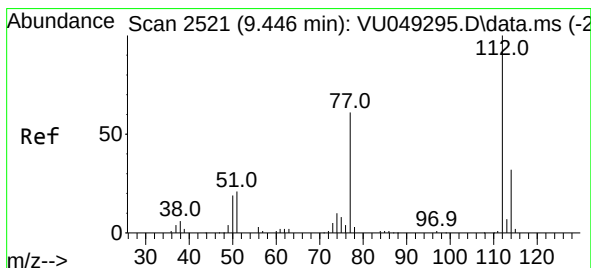
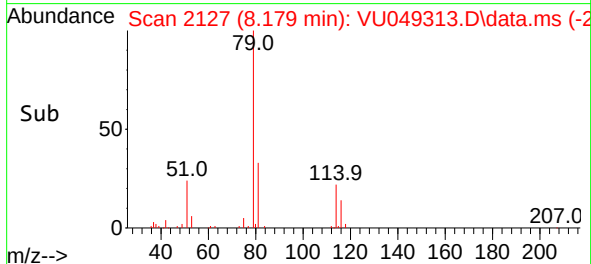
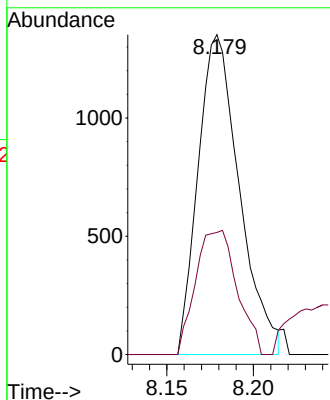
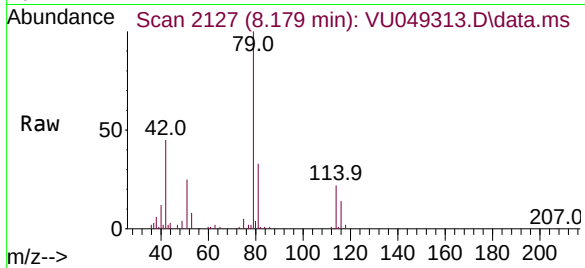




#44
trans-1,3-Dichloropropene
Concen: 0.715 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU049313.D
Acq: 20 Jun 2022 18:09

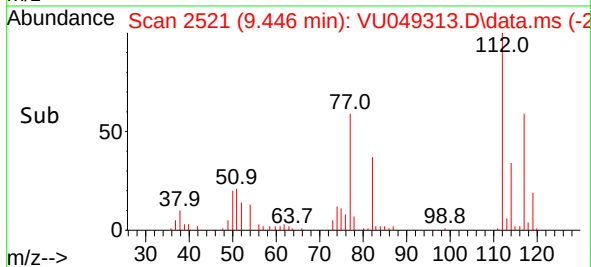
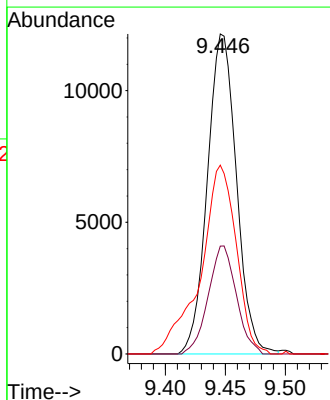
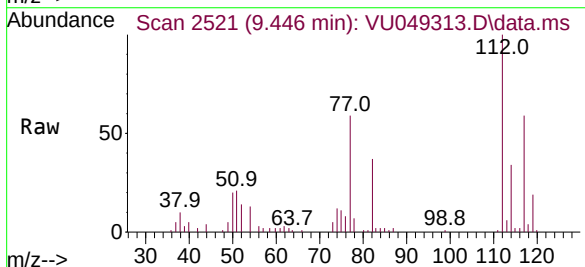
Instrument :
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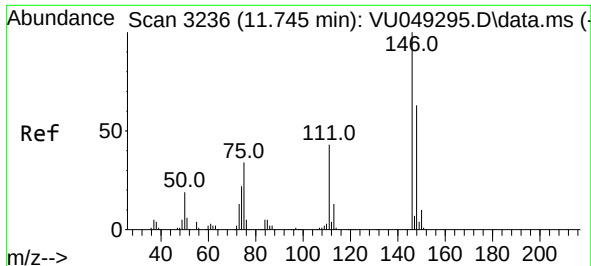
Tgt Ion: 75 Resp: 2238
Ion Ratio Lower Upper
75 100
77 38.2 21.9 40.7



#51
Chlorobenzene
Concen: 3.852 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU049313.D
Acq: 20 Jun 2022 18:09

Tgt Ion: 112 Resp: 20505
Ion Ratio Lower Upper
112 100
114 33.7 22.3 41.3
77 59.0 47.1 70.7

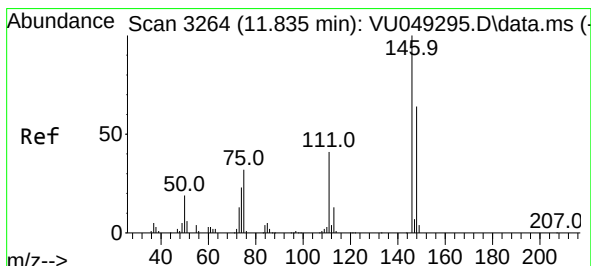
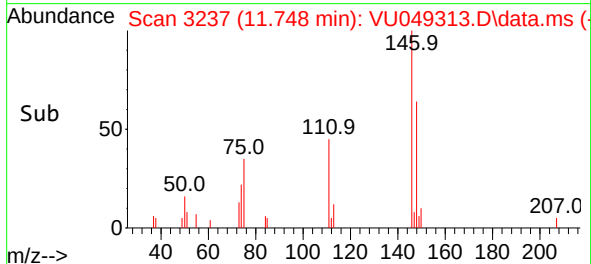
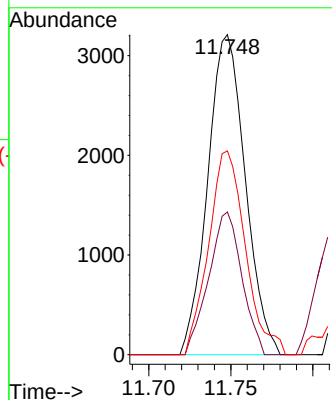
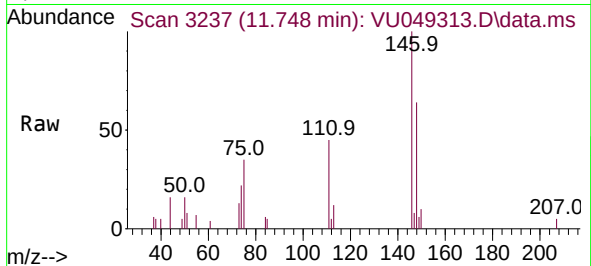




#64
1,3-Dichlorobenzene
Concen: 1.296 ug/L
RT: 11.748 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU049313.D
Acq: 20 Jun 2022 18:09

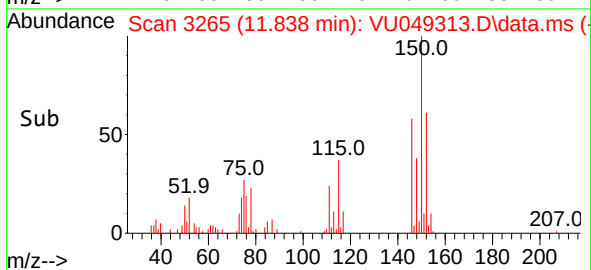
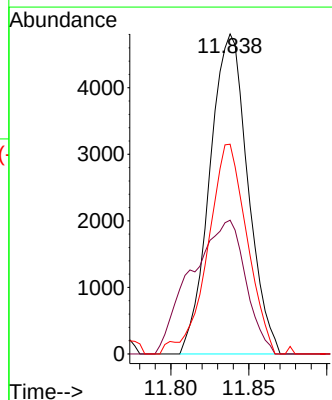
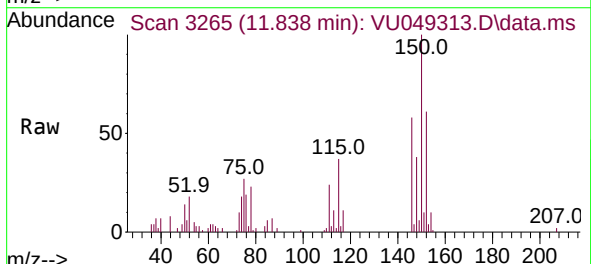
Instrument :
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ClientSampleId :
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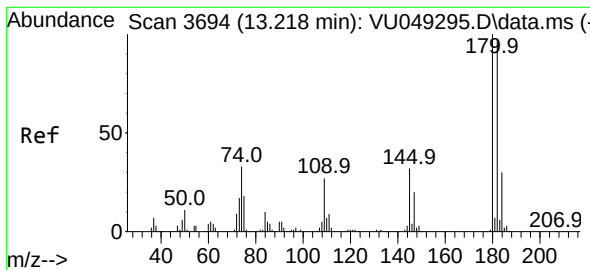
Tgt Ion:146 Resp: 5113
Ion Ratio Lower Upper
146 100
111 44.6 29.8 55.3
148 63.7 45.8 85.0



#65
1,4-Dichlorobenzene
Concen: 2.043 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU049313.D
Acq: 20 Jun 2022 18:09

Tgt Ion:146 Resp: 8158
Ion Ratio Lower Upper
146 100
111 39.1 28.1 52.1
148 61.2 44.9 83.3





#69

1,3,5-Trichlorobenzene

Concen: 3.752 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.623 min

Lab File: VU049313.D

Acq: 20 Jun 2022 18:09

Instrument :

MSVOA_U

ClientSampleId :

C0157

Tgt Ion:180 Resp: 10572

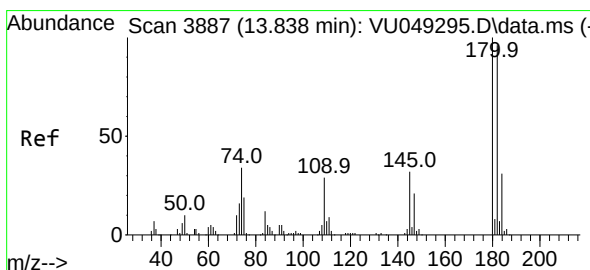
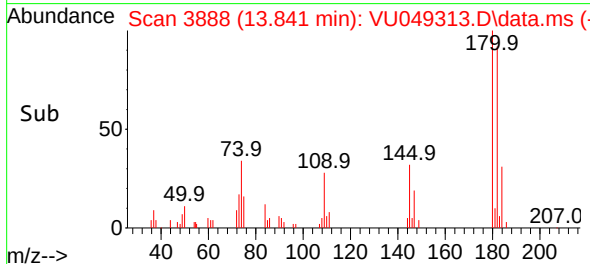
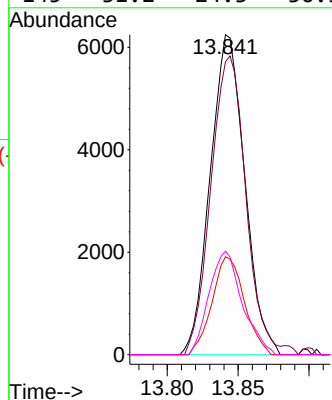
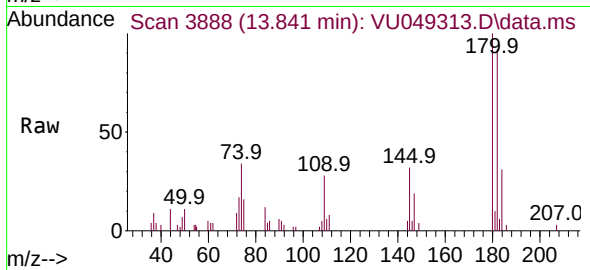
Ion Ratio Lower Upper

180 100

182 94.2 76.0 114.0

184 28.7 24.5 36.7

145 31.2 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 4.437 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU049313.D

Acq: 20 Jun 2022 18:09

Tgt Ion:180 Resp: 10572

Ion Ratio Lower Upper

180 100

182 94.2 78.2 117.2

145 31.2 25.0 37.4

