

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048272.D
 Acq On : 25 Apr 2022 16:52
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK067

Quant Time: Apr 26 02:45:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:41:26 2022
 Response via : Initial Calibration

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

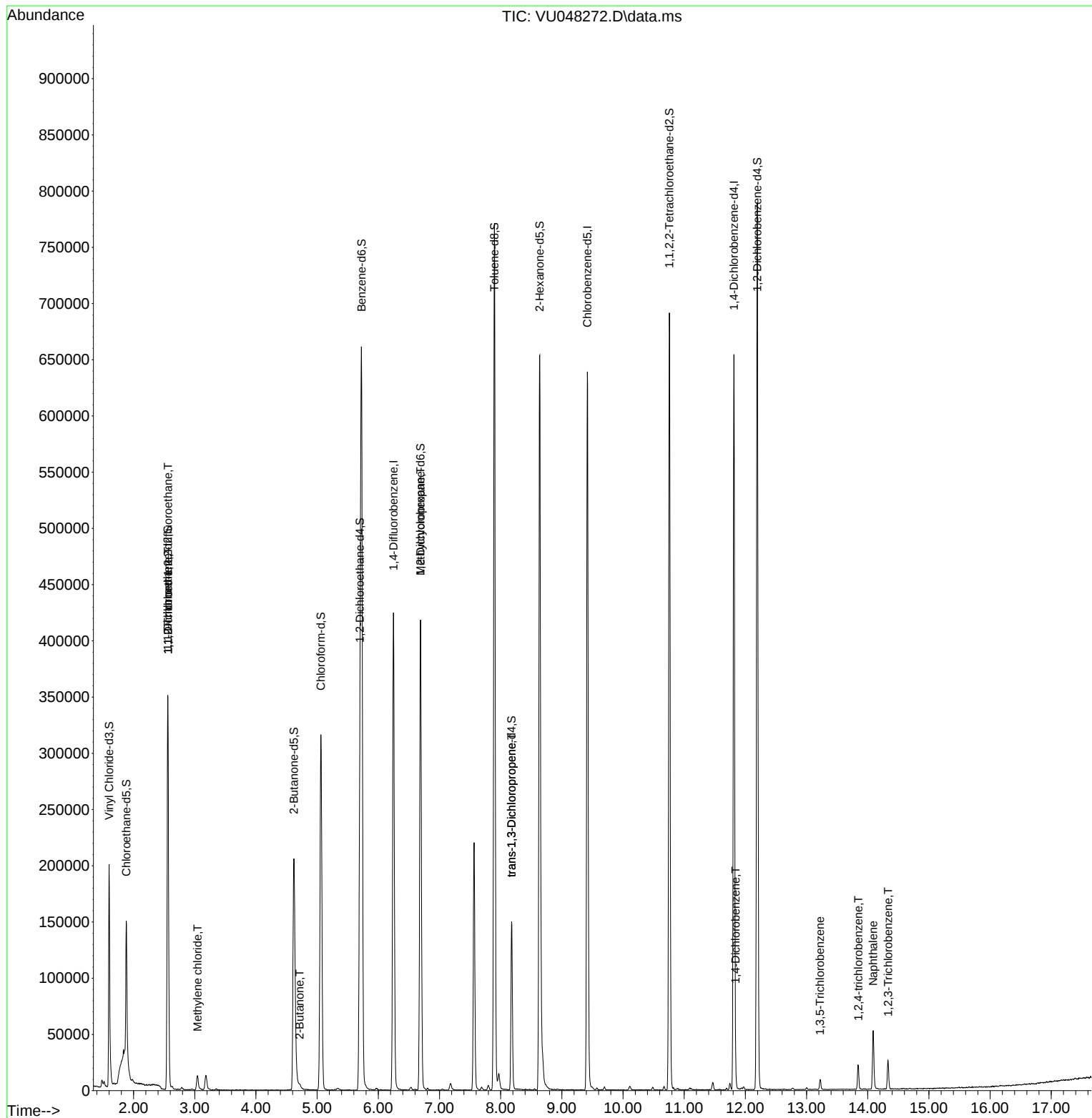
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	366559	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	381238	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	188146	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	161885	48.026	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.060%
7) Chloroethane-d5	1.880	69	132402	55.958	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.920%
11) 1,1-Dichloroethene-d2	2.559	63	204637	37.889	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.780%
21) 2-Butanone-d5	4.620	46	315025	109.576	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.580%
24) Chloroform-d	5.060	84	300690	49.180	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.360%
26) 1,2-Dichloroethane-d4	5.700	65	192357	53.026	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.060%
32) Benzene-d6	5.726	84	629197	52.330	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.660%
36) 1,2-Dichloropropane-d6	6.690	67	209265	52.644	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.280%
41) Toluene-d8	7.896	98	533373	48.939	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.880%
43) trans-1,3-Dichloroprop...	8.179	79	85389	48.682	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.360%
47) 2-Hexanone-d5	8.636	63	239546	111.695	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.690%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	355280	50.961	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.920%
66) 1,2-Dichlorobenzene-d4	12.195	152	226100	53.421	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.840%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2091	0.757	ug/L #	23
12) 1,1-Dichloroethene	2.562	96	1899	0.788	ug/L #	1
16) Methylene chloride	3.044	84	7299	2.349	ug/L	93
22) 2-Butanone	4.713	43	5224	1.914	ug/L	98
35) Methylcyclohexane	6.690	83	46675	12.016	ug/L #	20
44) trans-1,3-Dichloropropene	8.179	75	3836	0.870	ug/L	85
65) 1,4-Dichlorobenzene	11.838	146	4520	0.751	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	3447	0.787	ug/L	94
70) 1,2,4-trichlorobenzene	13.844	180	7981	2.305	ug/L	98
71) Naphthalene	14.089	128	46111	4.654	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	9728	2.742	ug/L	97

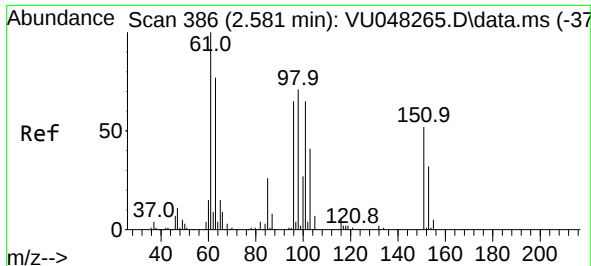
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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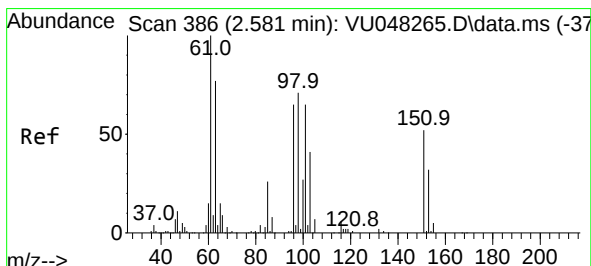
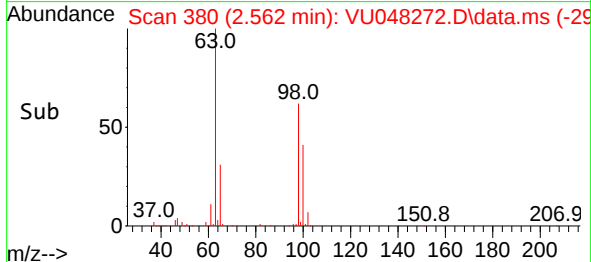
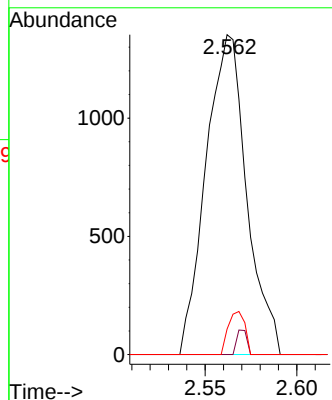
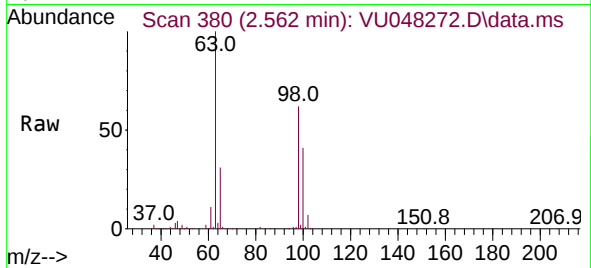




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.757 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.019 min
 Lab File: VU048272.D
 Acq: 25 Apr 2022 16:52

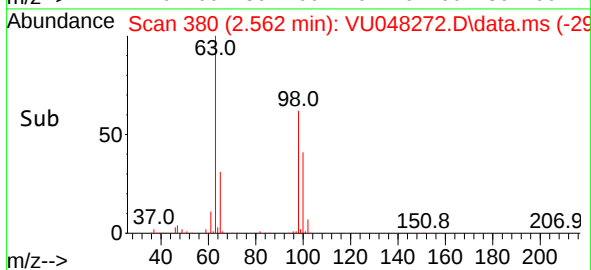
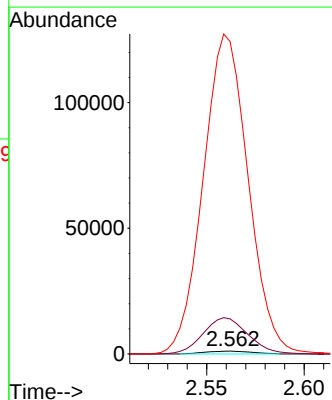
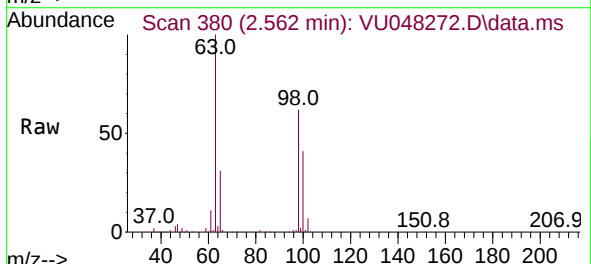
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK067

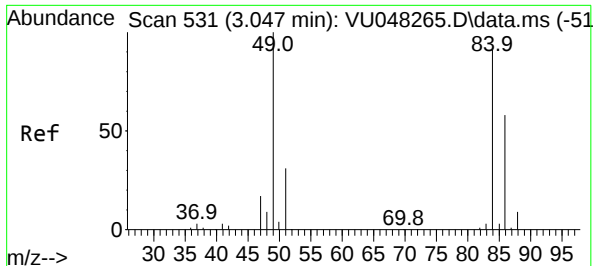
Tgt Ion:101 Resp: 2091
 Ion Ratio Lower Upper
 101 100
 85 1.9 32.6 48.8#
 151 5.5 64.1 96.1#



#12
 1,1-Dichloroethene
 Concen: 0.788 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.019 min
 Lab File: VU048272.D
 Acq: 25 Apr 2022 16:52

Tgt Ion: 96 Resp: 1899
 Ion Ratio Lower Upper
 96 100
 61 1248.3 107.9 200.3#
 63 11124.1 80.3 149.1#

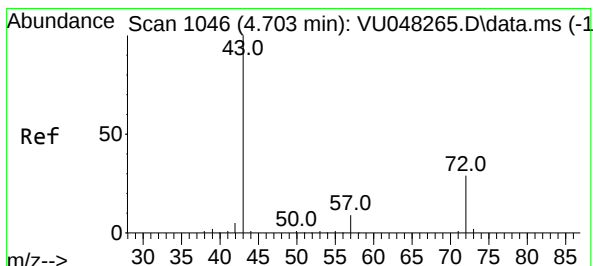
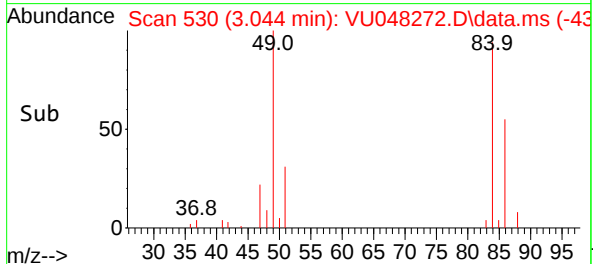
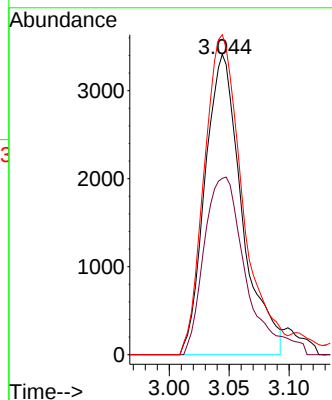
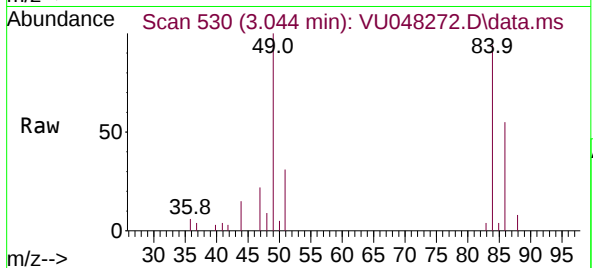




#16
Methylene chloride
Concen: 2.349 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048272.D
Acq: 25 Apr 2022 16:52

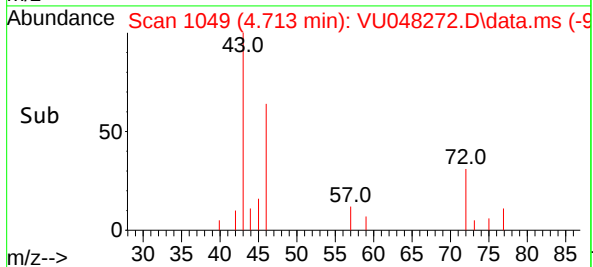
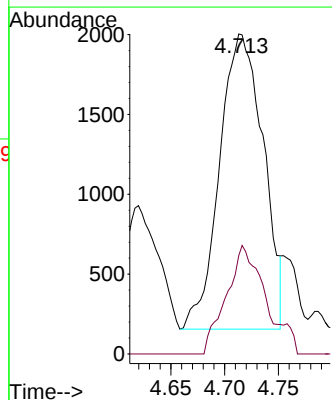
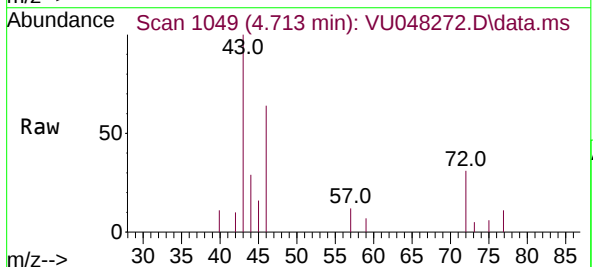
Instrument :
MSVOA_U
ClientSampleId :
VIBLK067

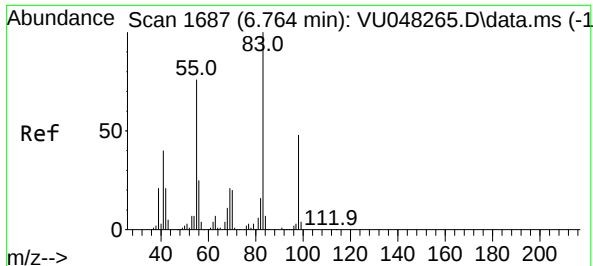
Tgt Ion: 84 Resp: 7299
Ion Ratio Lower Upper
84 100
86 58.7 45.4 84.2
49 106.6 79.2 147.0



#22
2-Butanone
Concen: 1.914 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. 0.010 min
Lab File: VU048272.D
Acq: 25 Apr 2022 16:52

Tgt Ion: 43 Resp: 5224
Ion Ratio Lower Upper
43 100
72 30.1 14.6 43.8





#35

Methylcyclohexane

Concen: 12.016 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU048272.D

Acq: 25 Apr 2022 16:52

Instrument :

MSVOA_U

ClientSampleId :

VIBLK067

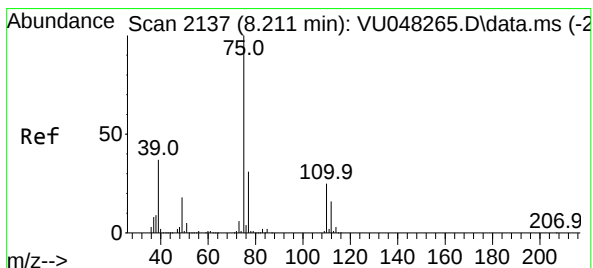
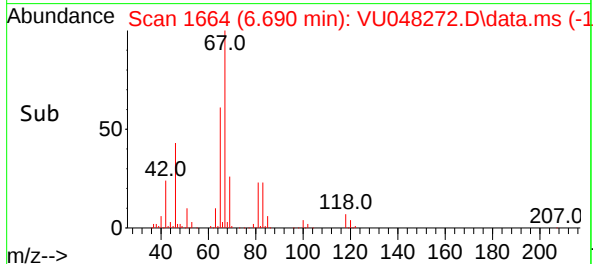
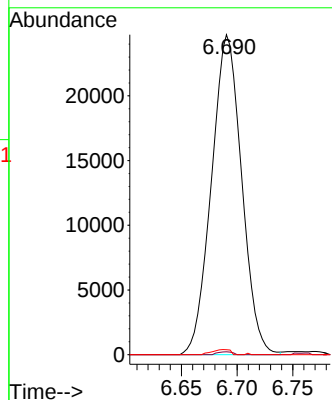
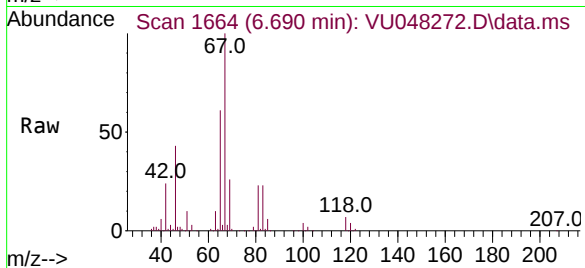
Tgt Ion: 83 Resp: 46675

Ion Ratio Lower Upper

83 100

55 0.4 59.4 89.2#

98 1.0 37.3 55.9#



#44

trans-1,3-Dichloropropene

Concen: 0.870 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU048272.D

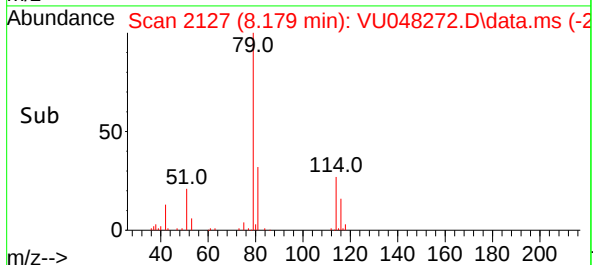
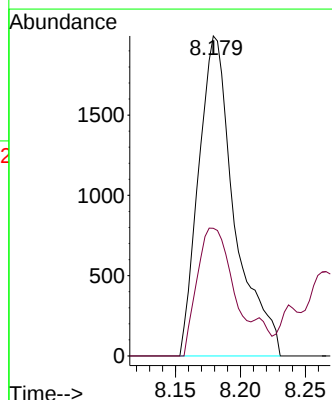
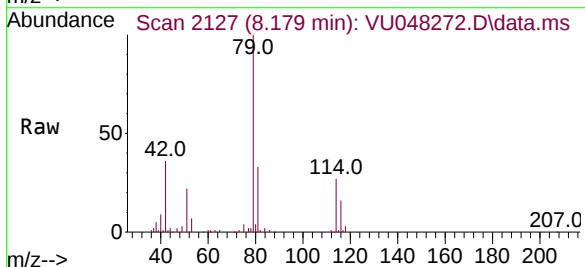
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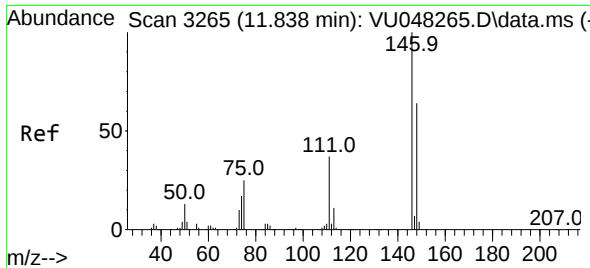
Tgt Ion: 75 Resp: 3836

Ion Ratio Lower Upper

75 100

77 39.9 22.1 41.1

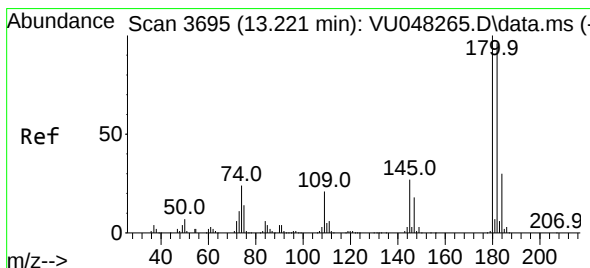
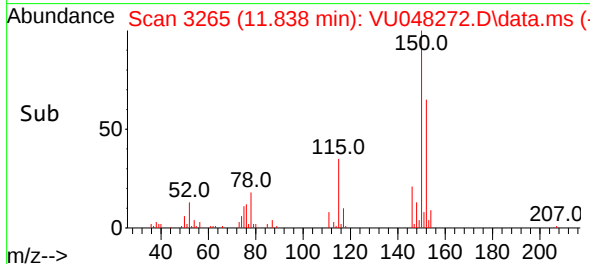
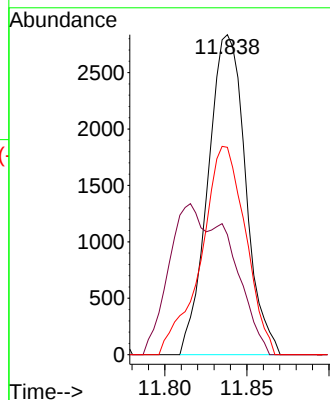
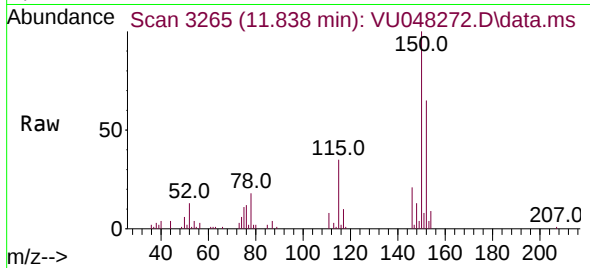




#65
1,4-Dichlorobenzene
Concen: 0.751 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048272.D
Acq: 25 Apr 2022 16:52

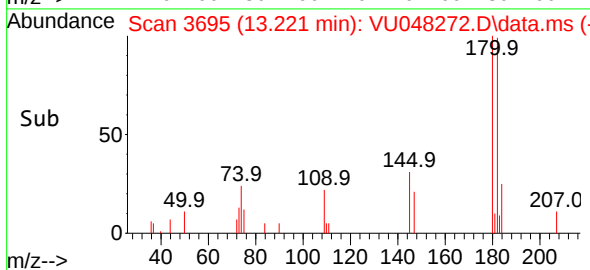
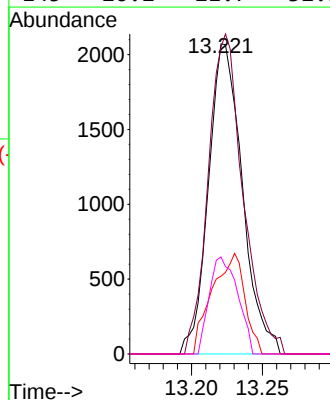
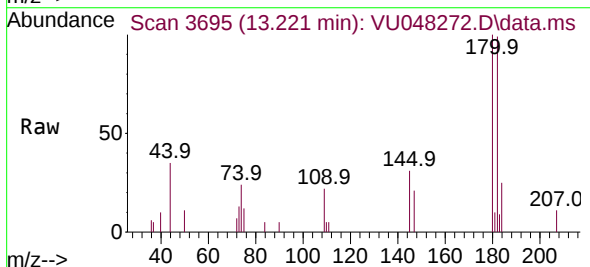
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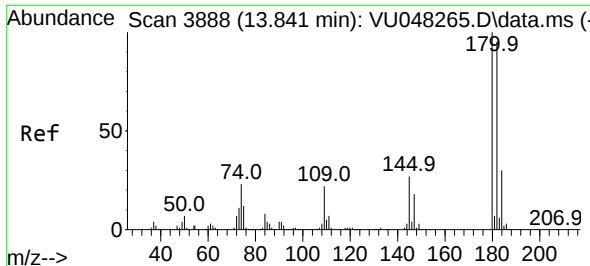
Tgt Ion:146	Resp:	4520
Ion Ratio	Lower	Upper
146	100	
111	37.5	25.9 48.1
148	64.8	45.1 83.7



#69
1,3,5-Trichlorobenzene
Concen: 0.787 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.000 min
Lab File: VU048272.D
Acq: 25 Apr 2022 16:52

Tgt Ion:180	Resp:	3447
Ion Ratio	Lower	Upper
180	100	
182	104.7	77.0 115.4
184	31.2	24.6 37.0
145	26.2	21.7 32.5

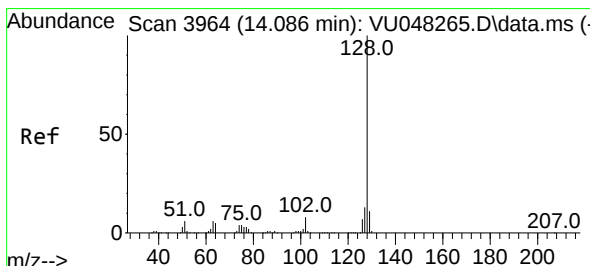
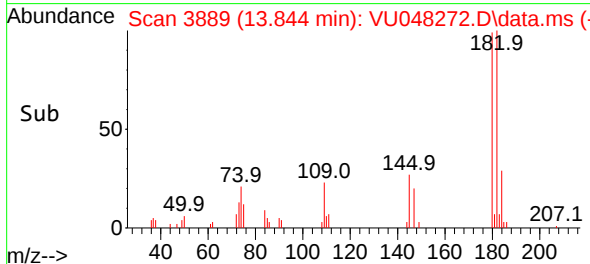
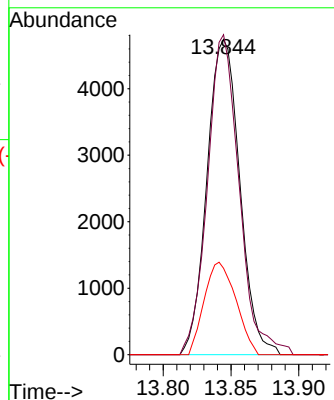
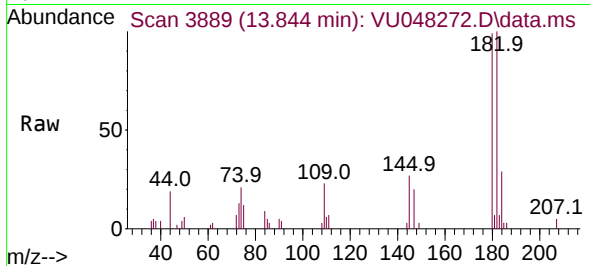




#70
1,2,4-trichlorobenzene
Concen: 2.305 ug/L
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU048272.D
Acq: 25 Apr 2022 16:52

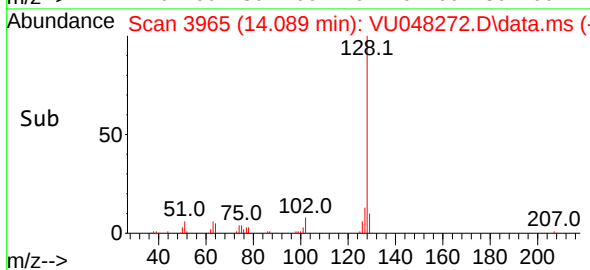
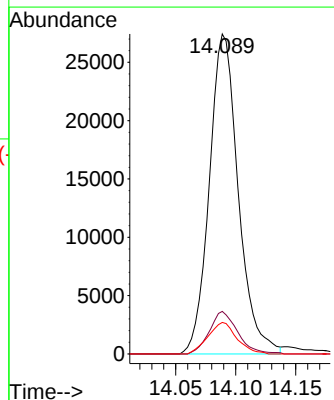
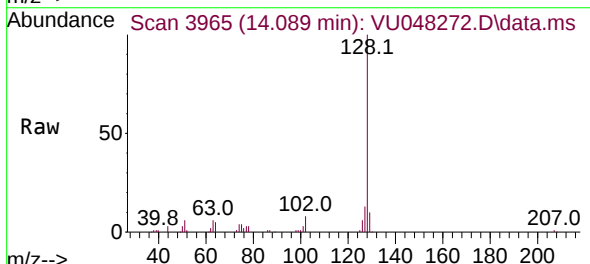
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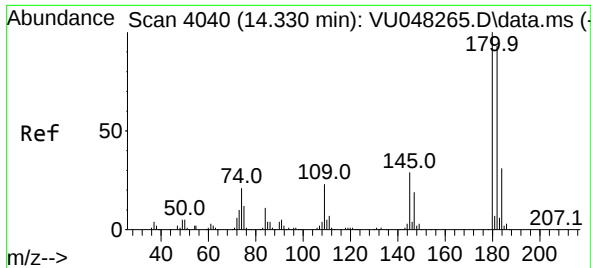
Tgt Ion:180 Resp: 7981
Ion Ratio Lower Upper
180 100
182 98.0 76.3 114.5
145 28.3 22.6 33.8



#71
Naphthalene
Concen: 4.654 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU048272.D
Acq: 25 Apr 2022 16:52

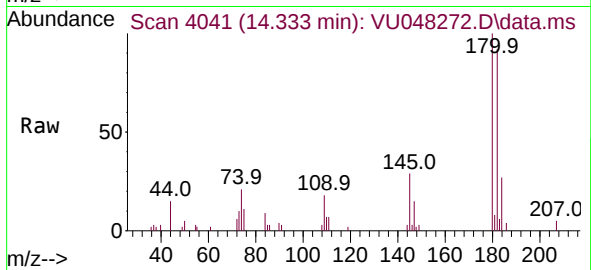
Tgt Ion:128 Resp: 46111
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 9.8 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 2.742 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.003 min
 Lab File: VU048272.D
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Tgt Ion:	180	Resp:	9728
Ion Ratio	Lower	Upper	
180	100		
182	91.4	75.8	113.6
145	28.4	23.5	35.3

