

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047642.D
 Acq On : 24 Mar 2022 19:15
 Operator : SY/MD
 Sample : N2081-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

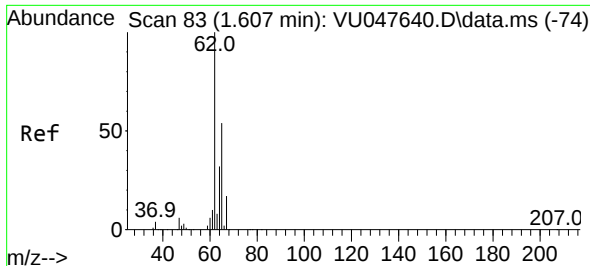
Instrument :
 MSVOA_U
 ClientSampleId :
 EW5W6

Quant Time: Mar 24 23:48:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:34:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	96963	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	104910	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	59045	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	85558	121.680	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 243.360%#			
7) Chloroethane-d5	1.919	69	71036	128.125	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 256.240%#			
11) 1,1-Dichloroethene-d2	2.571	63	119311	92.744	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 185.480%#			
21) 2-Butanone-d5	4.636	46	162528	269.299	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 269.300%#			
24) Chloroform-d	5.067	84	160275	124.576	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 249.160%#			
26) 1,2-Dichloroethane-d4	5.706	65	103311	130.927	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 261.860%#			
32) Benzene-d6	5.729	84	333379	126.288	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 252.580%#			
36) 1,2-Dichloropropane-d6	6.694	67	102216	126.081	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 252.160%#			
41) Toluene-d8	7.899	98	304923	118.556	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 237.120%#			
43) trans-1,3-Dichloroprop...	8.182	79	48979	119.250	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 238.500%#			
47) 2-Hexanone-d5	8.636	63	115773	243.941	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 243.940%#			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	161119	115.802	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 231.600%#			
66) 1,2-Dichlorobenzene-d4	12.195	152	129209	123.001	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 246.000%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	416	0.474	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1173	1.641	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	1141	1.715	ug/L #	1
13) Acetone	2.652	43	3868	6.887	ug/L	65
14) Carbon disulfide	2.800	76	1894	0.901	ug/L #	88
20) cis-1,2-Dichloroethene	4.671	96	552	0.702	ug/L	81
37) 1,2-Dichloropropane	6.690	63	11001	14.251	ug/L #	87
42) Toluene	7.970	91	4949	1.485	ug/L	92
44) trans-1,3-Dichloropropene	8.179	75	2328	1.947	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.841	180	1462	1.015	ug/L	85
71) Naphthalene	14.089	128	7392	1.965	ug/L	98

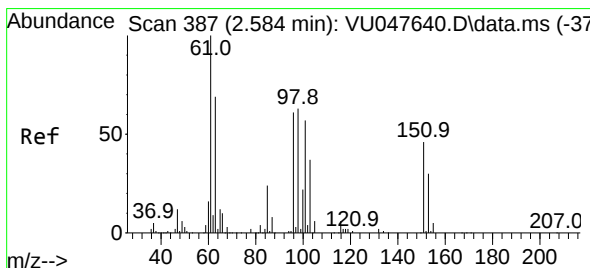
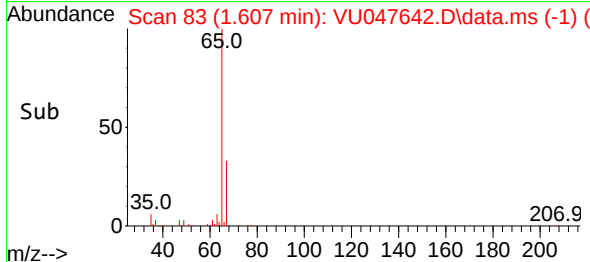
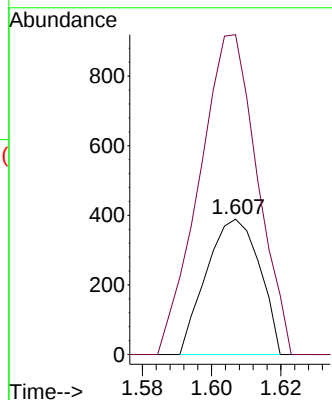
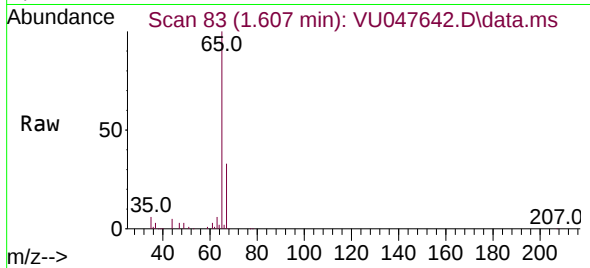
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 0.474 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047642.D
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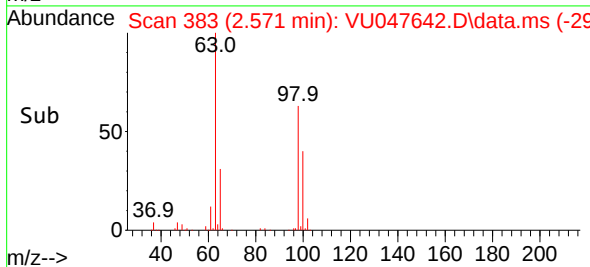
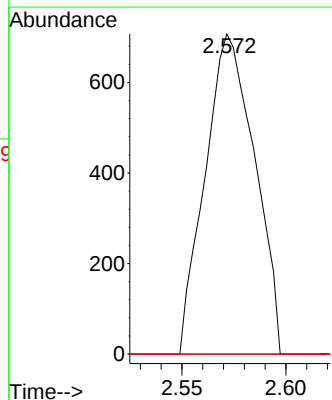
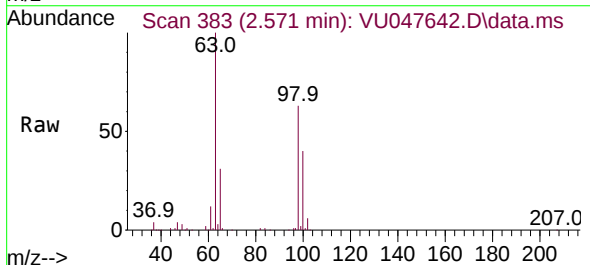
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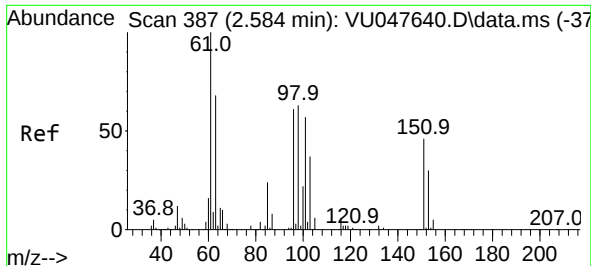
Tgt Ion: 62 Resp: 416
 Ion Ratio Lower Upper
 62 100
 64 236.2 23.7 43.9#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.641 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU047642.D
 Acq: 24 Mar 2022 19:15

Tgt Ion: 101 Resp: 1173
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#

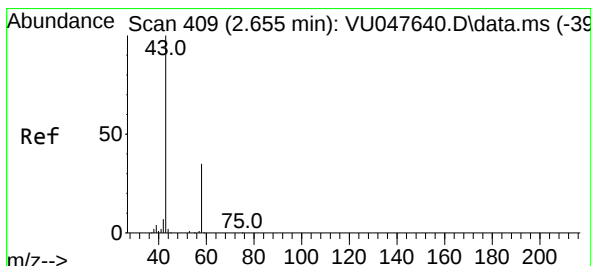
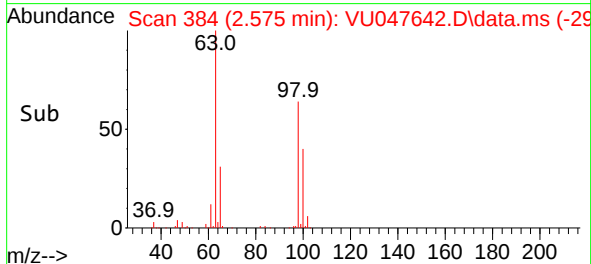
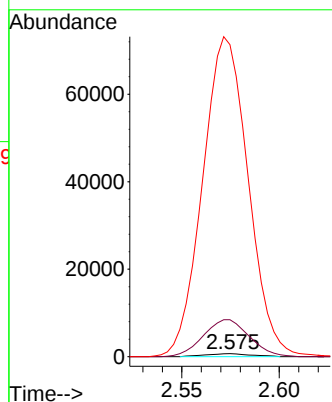
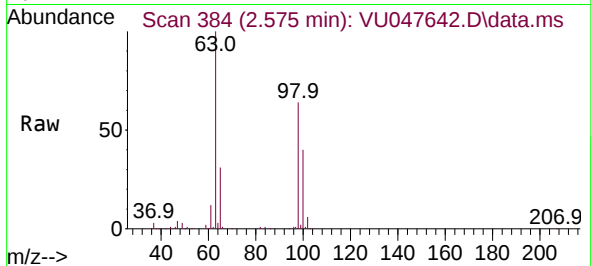




#12
1,1-Dichloroethene
Concen: 1.715 ug/L
RT: 2.575 min Scan# 387
Delta R.T. -0.010 min
Lab File: VU047642.D
Acq: 24 Mar 2022 19:15

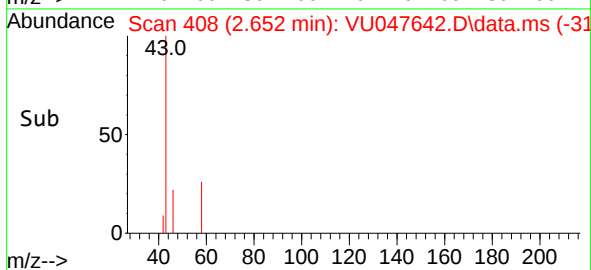
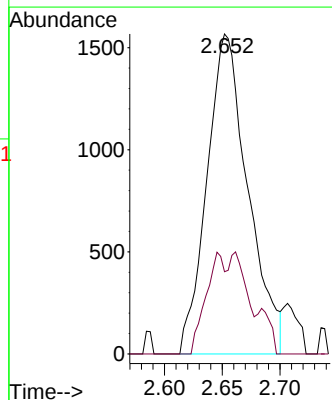
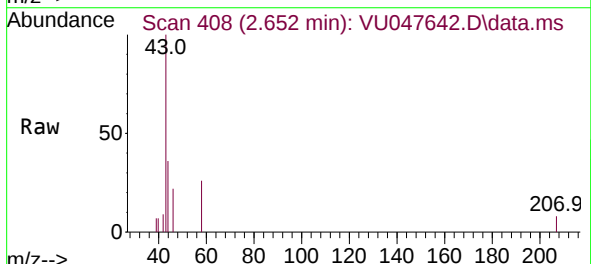
Instrument :
MSVOA_U
ClientSampleId :
EW5W6

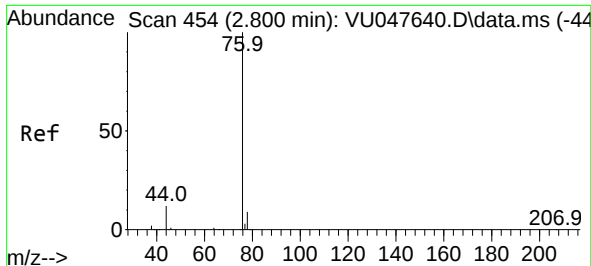
Tgt Ion: 96 Resp: 1141
Ion Ratio Lower Upper
96 100
61 1197.3 113.1 210.1#
63 10103.1 94.8 176.0#



#13
Acetone
Concen: 6.887 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.003 min
Lab File: VU047642.D
Acq: 24 Mar 2022 19:15

Tgt Ion: 43 Resp: 3868
Ion Ratio Lower Upper
43 100
58 14.4 0.0 70.0

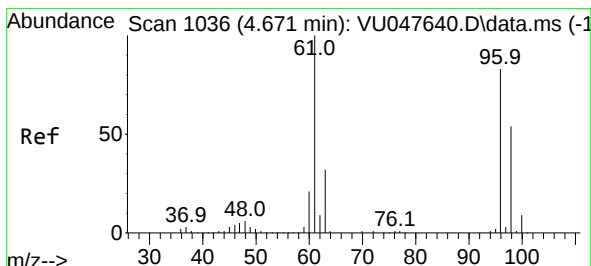
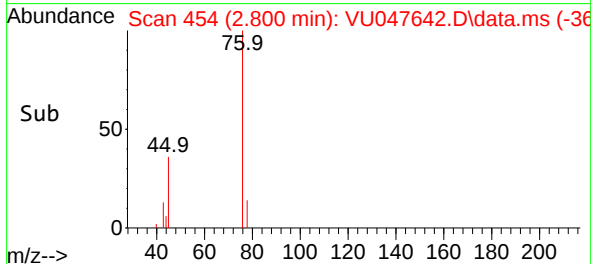
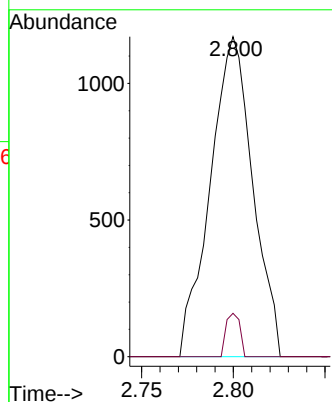
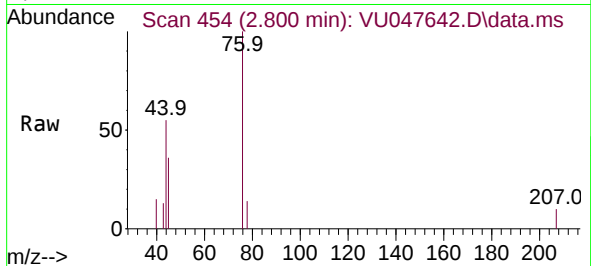




#14
Carbon disulfide
Concen: 0.901 ug/L
RT: 2.800 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU047642.D
Acq: 24 Mar 2022 19:15

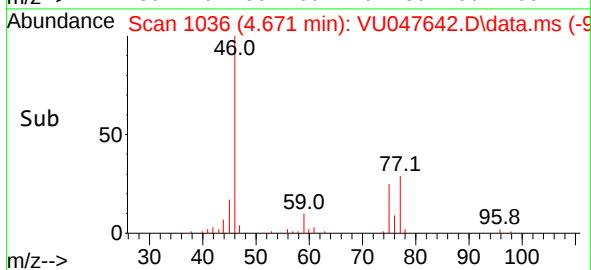
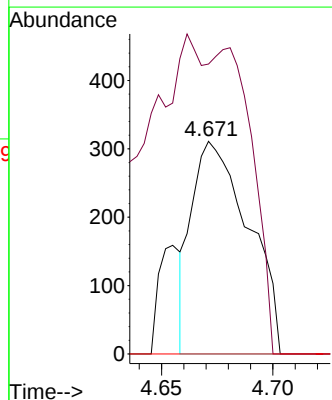
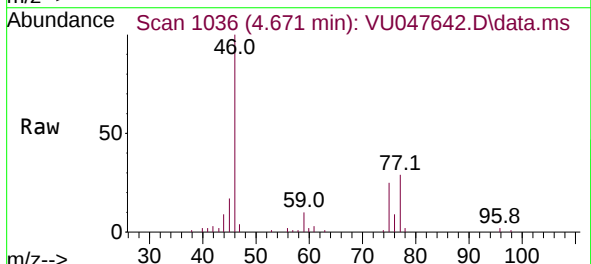
Instrument :
MSVOA_U
ClientSampleId :
EW5W6

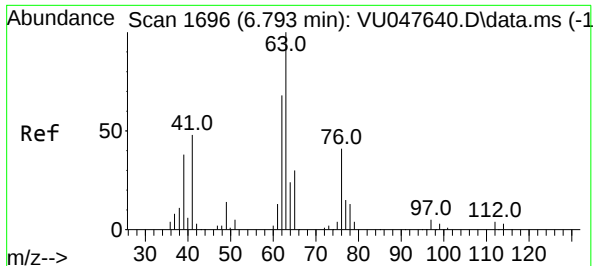
Tgt Ion: 76 Resp: 1894
Ion Ratio Lower Upper
76 100
78 13.6 7.4 11.0#



#20
cis-1,2-Dichloroethene
Concen: 0.702 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047642.D
Acq: 24 Mar 2022 19:15

Tgt Ion: 96 Resp: 552
Ion Ratio Lower Upper
96 100
61 136.3 80.7 149.9
68 0.0 0.0 0.0





#37

1,2-Dichloropropane

Concen: 14.251 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU047642.D

Acq: 24 Mar 2022 19:15

Instrument :

MSVOA_U

ClientSampleId :

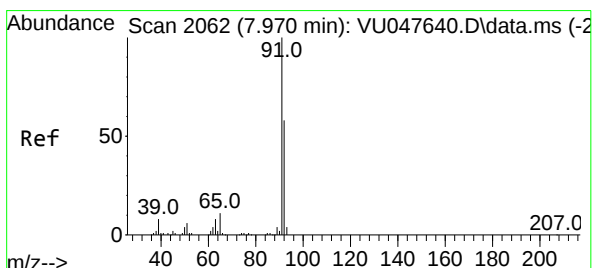
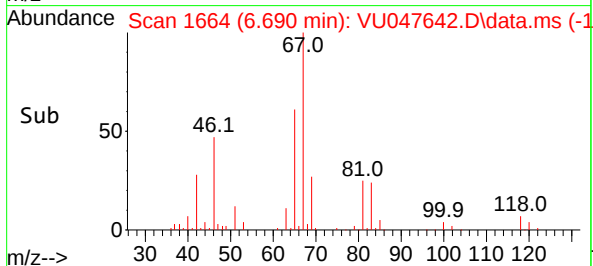
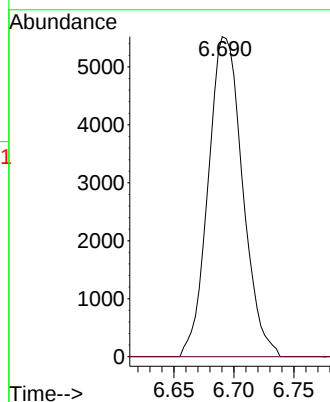
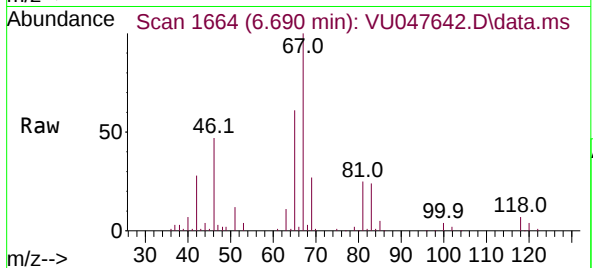
EW5W6

Tgt Ion: 63 Resp: 11001

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#42

Toluene

Concen: 1.485 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047642.D

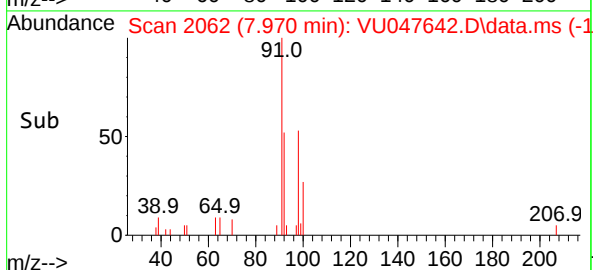
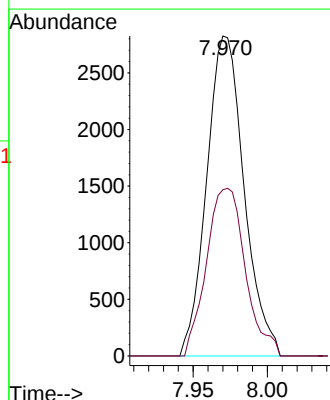
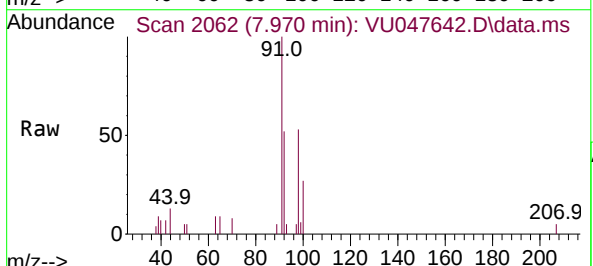
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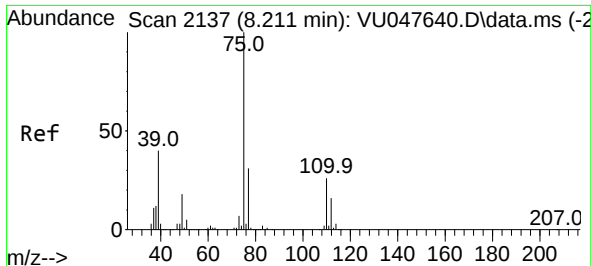
Tgt Ion: 91 Resp: 4949

Ion Ratio Lower Upper

91 100

92 51.9 40.4 75.0

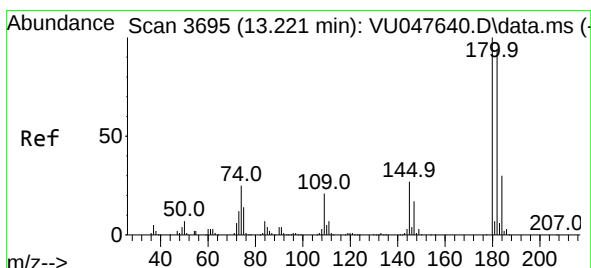
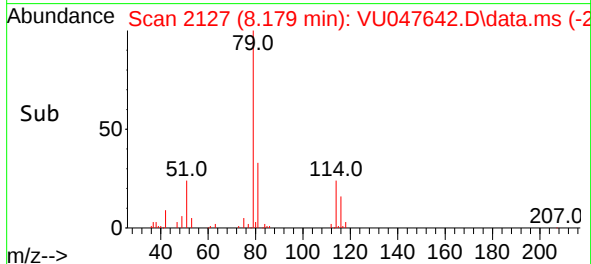
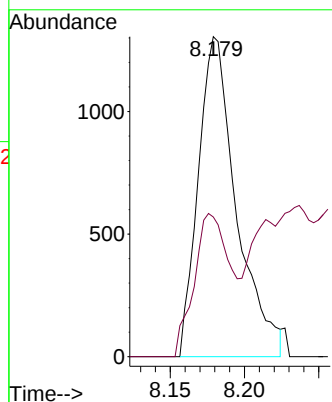
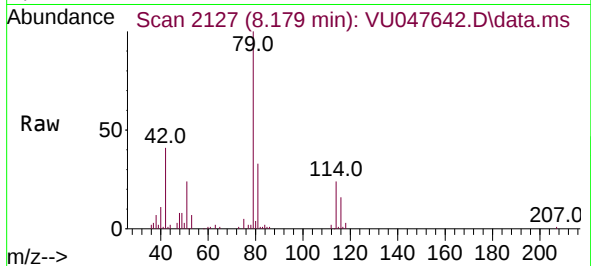




#44
trans-1,3-Dichloropropene
Concen: 1.947 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU047642.D
Acq: 24 Mar 2022 19:15

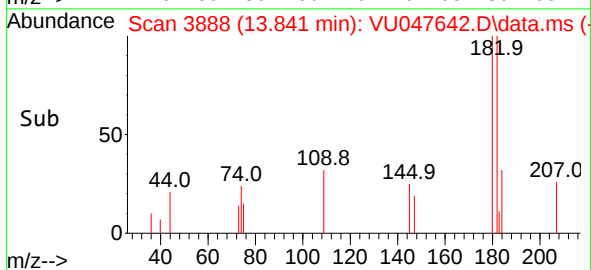
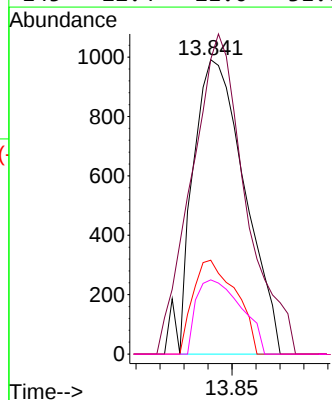
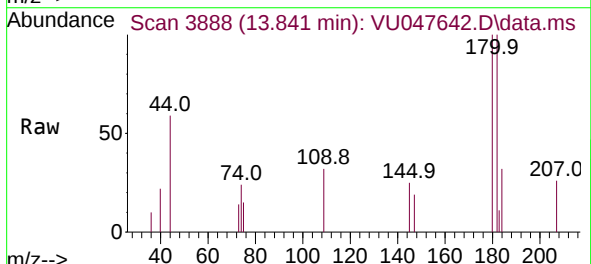
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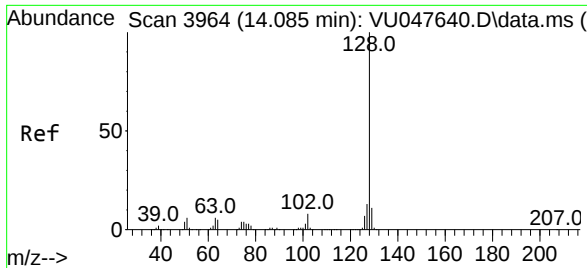
Tgt Ion: 75 Resp: 2328
Ion Ratio Lower Upper
75 100
77 43.7 22.0 40.8#



#69
1,3,5-Trichlorobenzene
Concen: 1.015 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.621 min
Lab File: VU047642.D
Acq: 24 Mar 2022 19:15

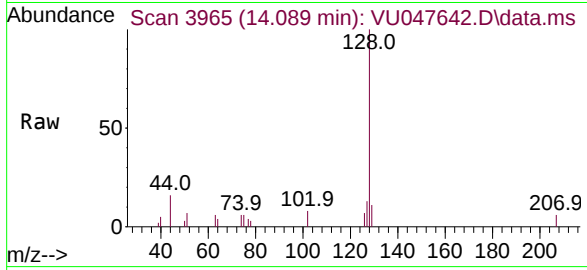
Tgt Ion:180 Resp: 1462
Ion Ratio Lower Upper
180 100
182 115.2 77.0 115.6
184 26.8 24.5 36.7
145 22.4 21.0 31.6





#71
Naphthalene
Concen: 1.965 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU047642.D
Acq: 24 Mar 2022 19:15

Instrument :
MSVOA_U
ClientSampleId :
EW5W6



Tgt Ion:	128	Resp:	7392
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.2
129	9.3	8.8	13.2

