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 Data File : VU048376.D
 Acq On : 02 May 2022 19:30
 Operator : SY/MD
 Sample : N2639-09
 Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

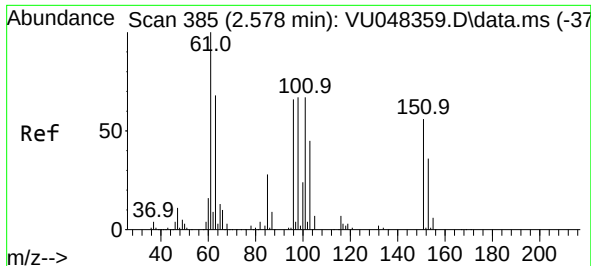
Instrument :
 MSVOA_U
 ClientSampleId :
 EXL19

Quant Time: May 03 04:16:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 03 04:11:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	325402	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	332975	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	175922	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	190086	63.525	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 127.040%	
7) Chloroethane-d5	1.874	69	47166	22.456	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	= 44.920%#	
11) 1,1-Dichloroethene-d2	2.536	63	278773	58.144	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	= 116.280%	
21) 2-Butanone-d5	4.636	46	499598	195.755	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	= 195.760%#	
24) Chloroform-d	5.063	84	499631	92.055	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 184.100%#	
26) 1,2-Dichloroethane-d4	5.703	65	325530	101.086	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 202.180%#	
32) Benzene-d6	5.722	84	1040804	99.109	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 198.220%#	
36) 1,2-Dichloropropane-d6	6.690	67	351219	101.162	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 202.320%#	
41) Toluene-d8	7.899	98	974270	102.350	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 204.700%#	
43) trans-1,3-Dichloroprop...	8.185	79	161317	105.300	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 210.600%#	
47) 2-Hexanone-d5	8.661	63	389551	207.966	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	= 207.970%#	
56) 1,1,2,2-Tetrachloroeth...	10.767	84	600494	98.619	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 197.240%#	
66) 1,2-Dichlorobenzene-d4	12.198	152	438534	110.813	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 221.620%#	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.536	101	2707	1.104	ug/L	# 18
13) Acetone	2.645	43	41419	25.280	ug/L	99
15) Methyl Acetate	2.954	43	14577	4.482	ug/L	98
22) 2-Butanone	4.716	43	325146	134.202	ug/L	98
33) Benzene	5.722	78	8707	0.883	ug/L	100
35) Methylcyclohexane	6.690	83	81292	23.962	ug/L	# 21
39) cis-1,3-Dichloropropene	7.568	75	8649	2.193	ug/L	# 64
42) Toluene	7.973	91	15307	1.479	ug/L	97
44) trans-1,3-Dichloropropene	8.185	75	6691	1.737	ug/L	# 80
48) 2-Hexanone	8.661	43	43900	12.426	ug/L	# 69
60) 1,2,3-Trichloropropane	11.819	75	17813	4.340	ug/L	# 67

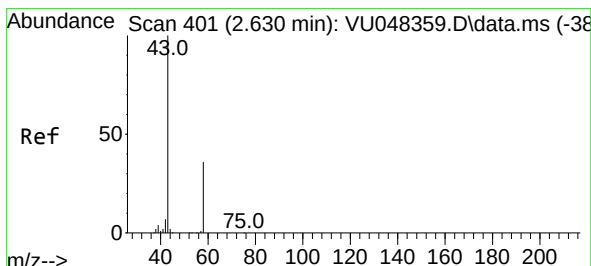
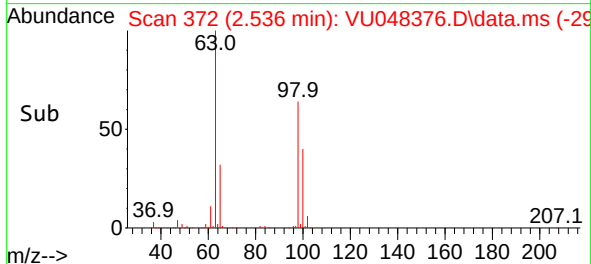
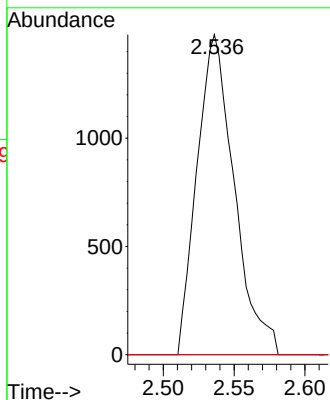
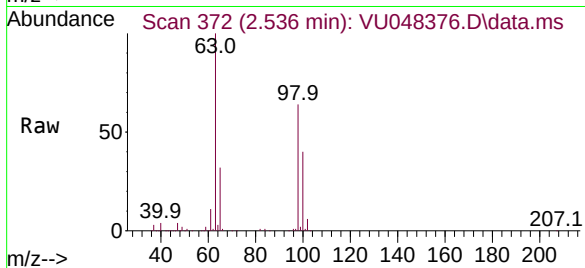
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.104 ug/L
RT: 2.536 min Scan# 31
Delta R.T. -0.042 min
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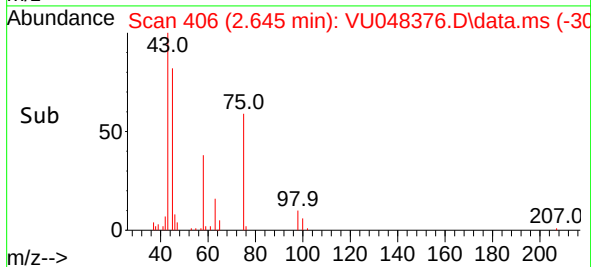
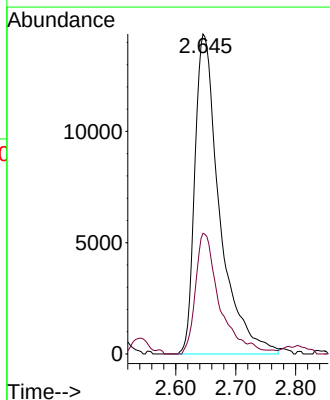
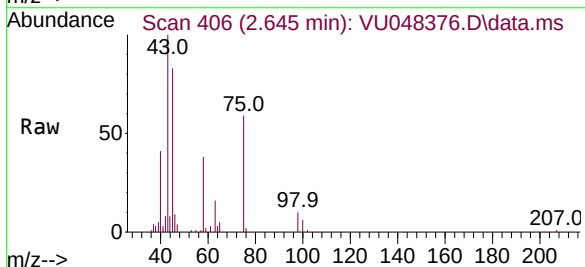
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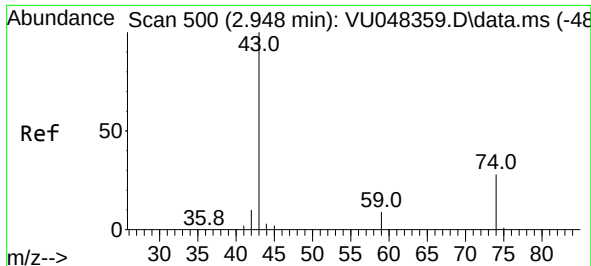
Tgt Ion:101 Resp: 2707
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 0.0 64.1 96.1#



#13
Acetone
Concen: 25.280 ug/L
RT: 2.645 min Scan# 406
Delta R.T. 0.016 min
Lab File: VU048376.D
Acq: 02 May 2022 19:30

Tgt Ion: 43 Resp: 41419
Ion Ratio Lower Upper
43 100
58 35.2 0.0 71.2

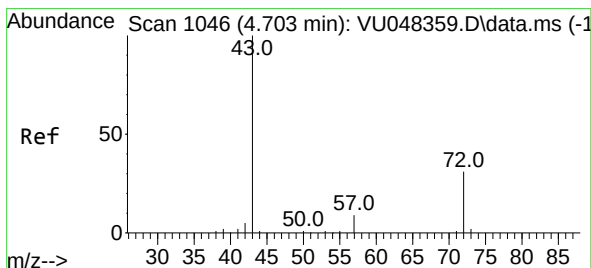
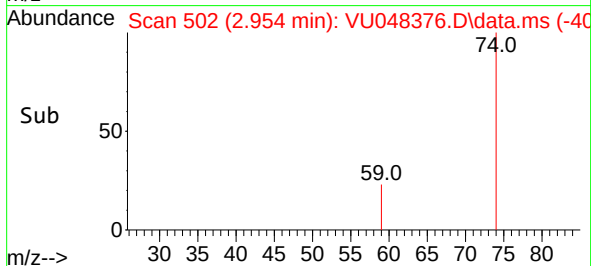
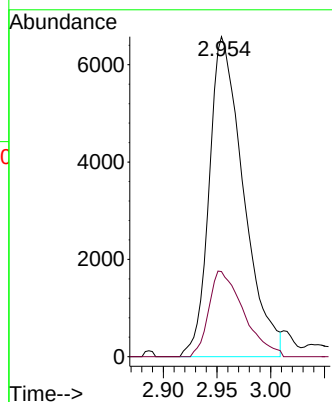
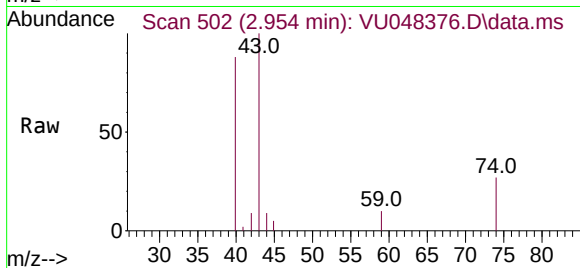




#15
Methyl Acetate
Concen: 4.482 ug/L
RT: 2.954 min Scan# 500
Delta R.T. 0.006 min
Lab File: VU048376.D
Acq: 02 May 2022 19:30

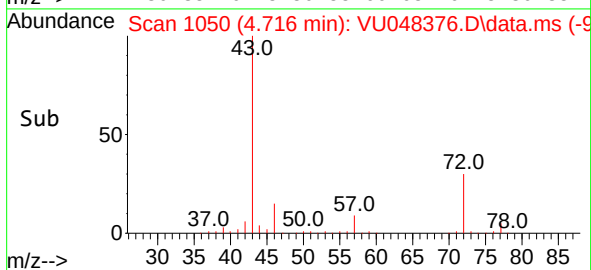
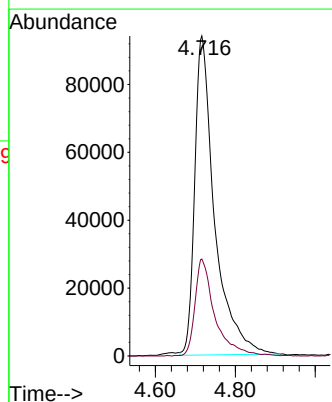
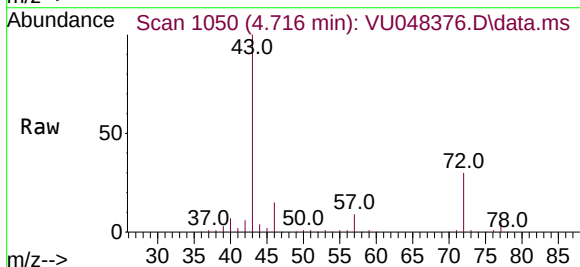
Instrument :
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ClientSampleId :
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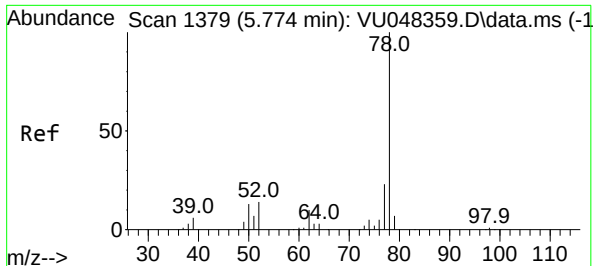
Tgt Ion: 43 Resp: 14577
Ion Ratio Lower Upper
43 100
74 27.1 21.0 31.6



#22
2-Butanone
Concen: 134.202 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.013 min
Lab File: VU048376.D
Acq: 02 May 2022 19:30

Tgt Ion: 43 Resp: 325146
Ion Ratio Lower Upper
43 100
72 30.0 14.6 43.8

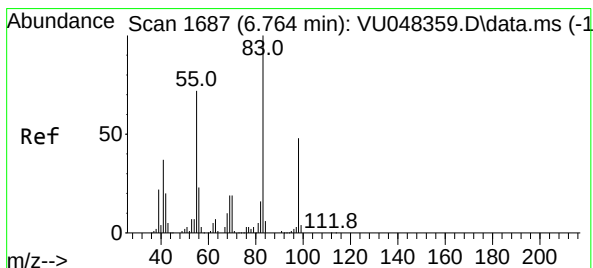
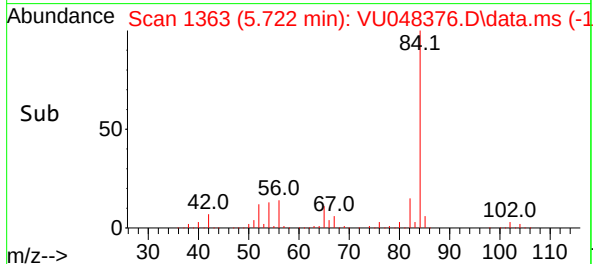
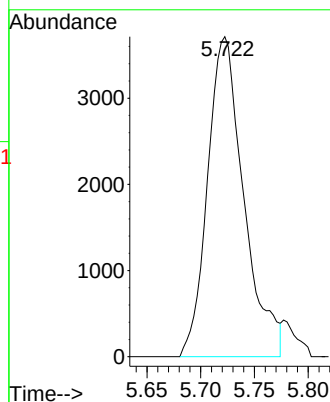
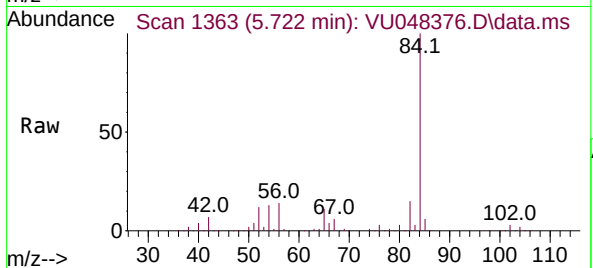




#33
Benzene
Concen: 0.883 ug/L
RT: 5.722 min Scan# 11
Delta R.T. -0.052 min
Lab File: VU048376.D
Acq: 02 May 2022 19:30

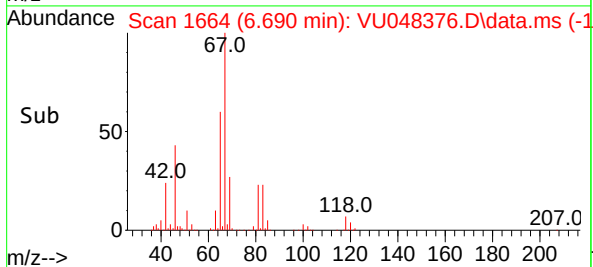
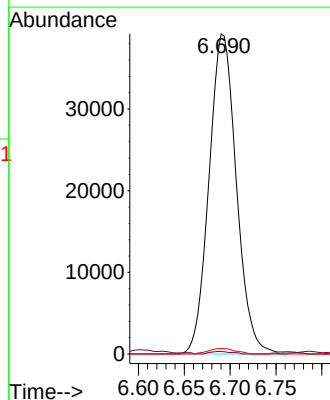
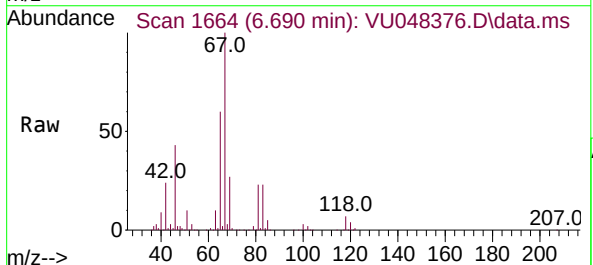
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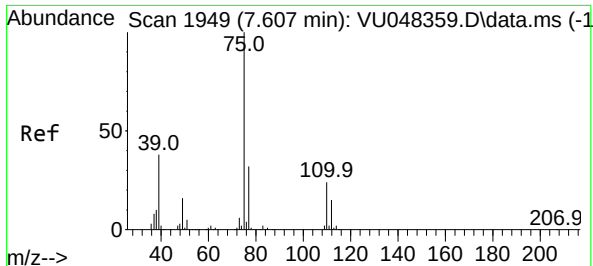
Tgt Ion: 78 Resp: 8707



#35
Methylcyclohexane
Concen: 23.962 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU048376.D
Acq: 02 May 2022 19:30

Tgt Ion: 83 Resp: 81292
Ion Ratio Lower Upper
83 100
55 0.6 59.4 89.2#
98 1.7 37.3 55.9#





#39

cis-1,3-Dichloropropene

Concen: 2.193 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU048376.D

Acq: 02 May 2022 19:30

Instrument :

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ClientSampleId :

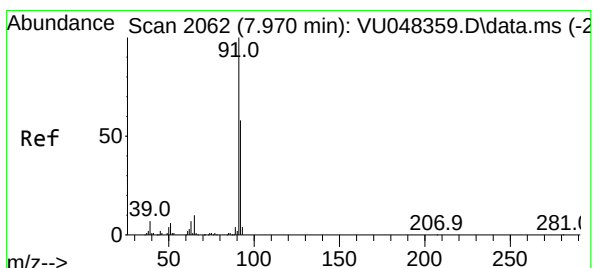
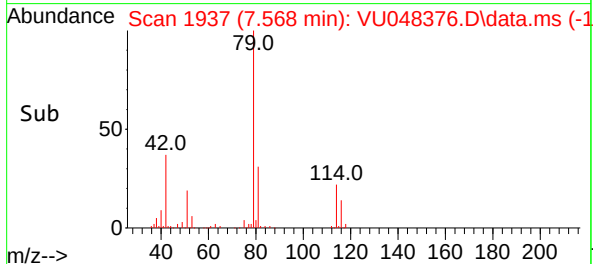
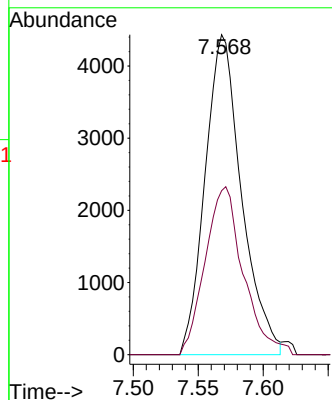
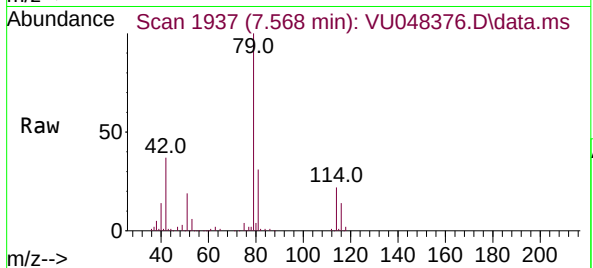
EXL19

Tgt Ion: 75 Resp: 8649

Ion Ratio Lower Upper

75 100

77 51.3 22.0 41.0#



#42

Toluene

Concen: 1.479 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU048376.D

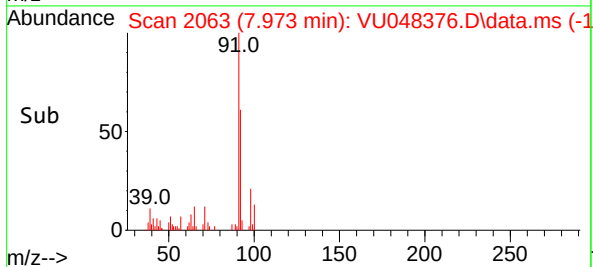
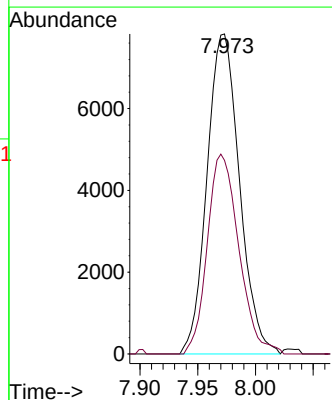
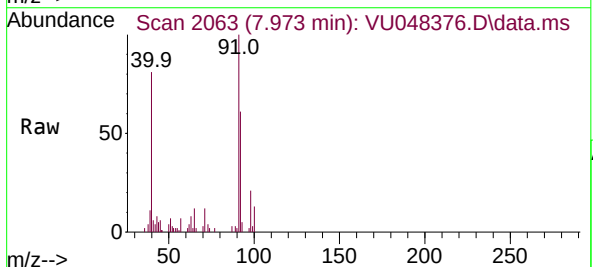
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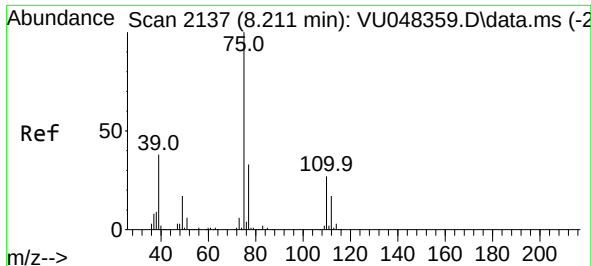
Tgt Ion: 91 Resp: 15307

Ion Ratio Lower Upper

91 100

92 60.5 40.9 76.0

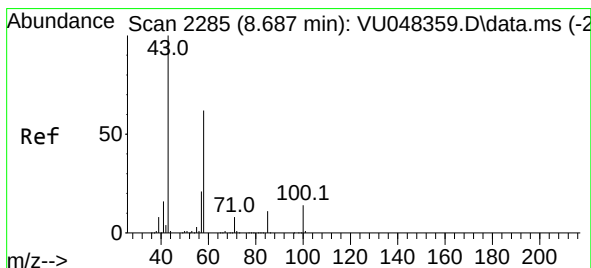
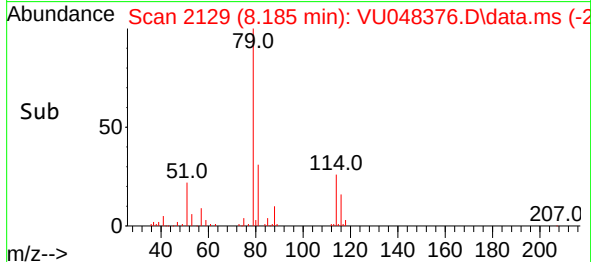
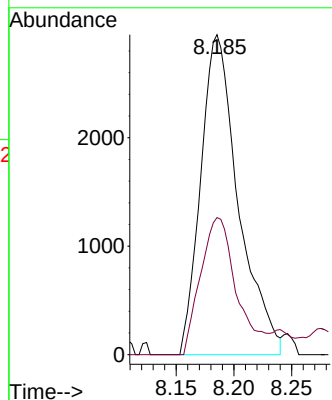
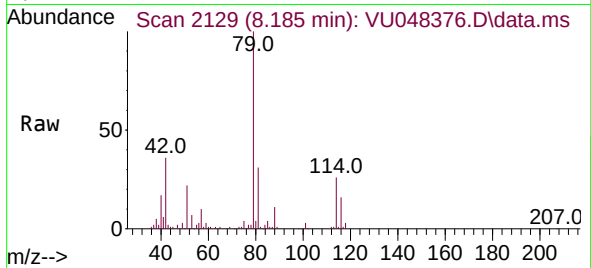




#44
trans-1,3-Dichloropropene
Concen: 1.737 ug/L
RT: 8.185 min Scan# 2137
Delta R.T. -0.026 min
Lab File: VU048376.D
Acq: 02 May 2022 19:30

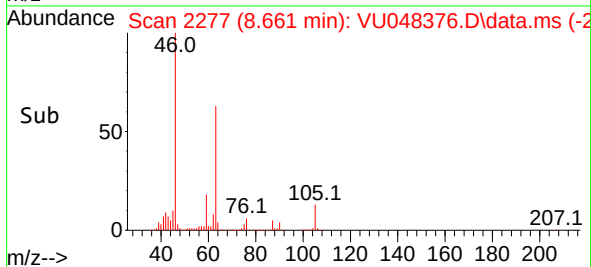
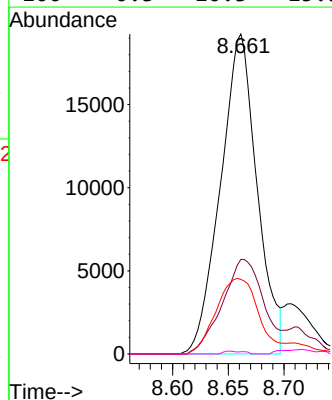
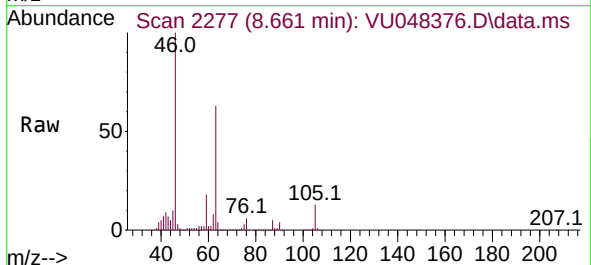
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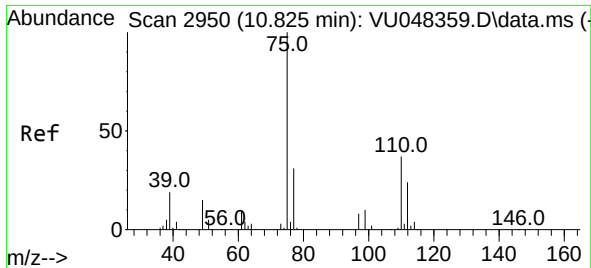
Tgt Ion: 75 Resp: 6691
Ion Ratio Lower Upper
75 100
77 42.8 22.1 41.1#



#48
2-Hexanone
Concen: 12.426 ug/L
RT: 8.661 min Scan# 2277
Delta R.T. -0.026 min
Lab File: VU048376.D
Acq: 02 May 2022 19:30

Tgt Ion: 43 Resp: 43900
Ion Ratio Lower Upper
43 100
58 33.2 48.1 72.1#
57 27.4 16.2 24.4#
100 0.3 10.3 15.5#





#60
 1,2,3-Trichloropropane
 Concen: 4.340 ug/L
 RT: 11.819 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU048376.D
 Acq: 02 May 2022 19:30

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 17813
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.8 38.8
 110 1.1 29.9 44.9#

