

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071522\
 Data File : VU049744.D
 Acq On : 15 Jul 2022 18:10
 Operator : SY/MD
 Sample : N3698-03ME
 Misc : 6.74g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5B68ME

Quant Time: Jul 15 23:08:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 15 23:03:46 2022
 Response via : Initial Calibration

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

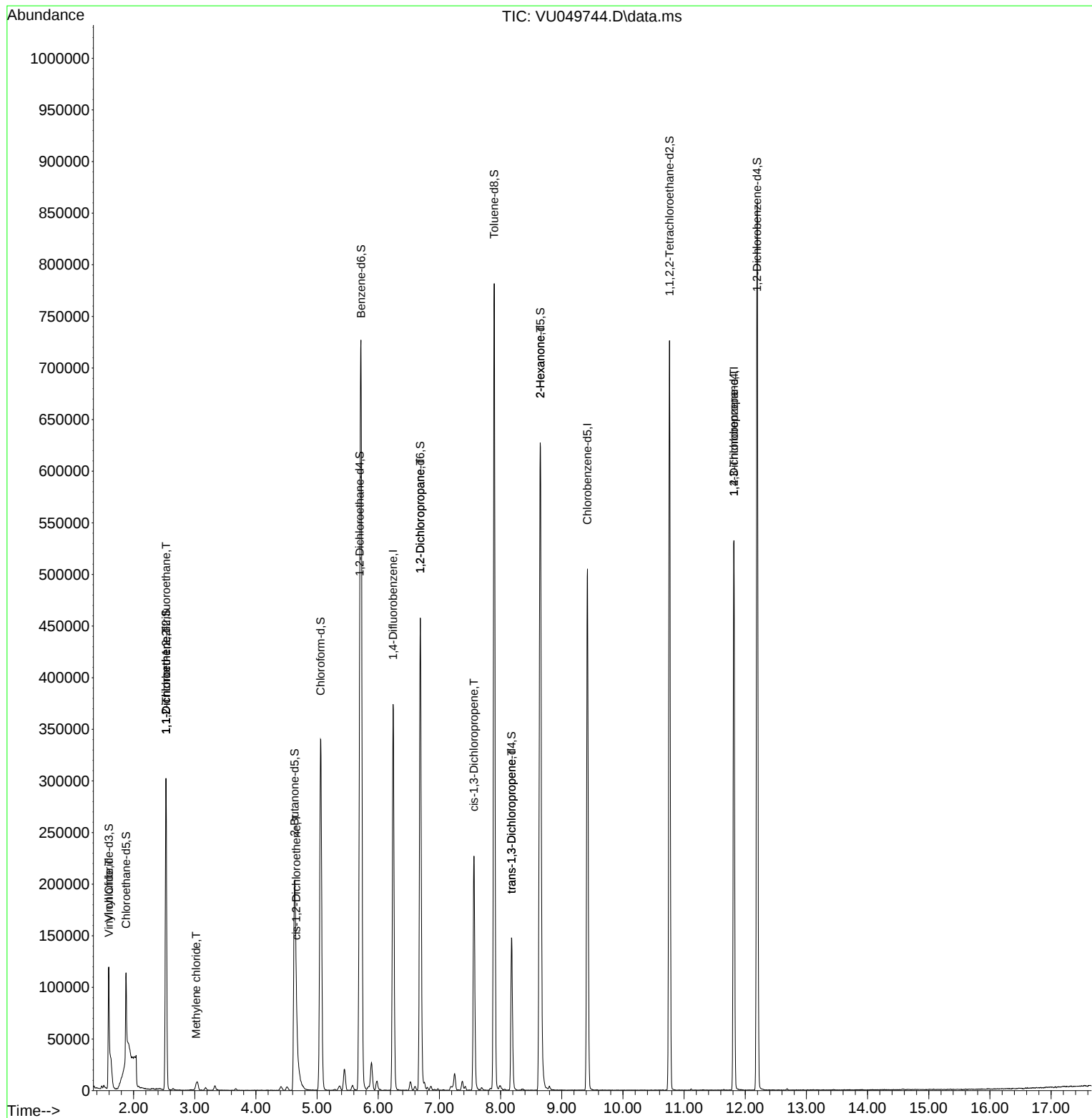
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	290483	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	279293	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	132583	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	130571	53.274	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 106.540%	
7) Chloroethane-d5	1.877	69	89075	50.279	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	= 100.560%	
11) 1,1-Dichloroethene-d2	2.530	63	185934	42.948	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	= 85.900%	
21) 2-Butanone-d5	4.633	46	388358	185.614	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	= 185.610%#	
24) Chloroform-d	5.060	84	320505	73.832	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 147.660%#	
26) 1,2-Dichloroethane-d4	5.697	65	231895	78.930	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 157.860%#	
32) Benzene-d6	5.719	84	594588	70.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 140.160%#	
36) 1,2-Dichloropropane-d6	6.687	67	221473	77.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 155.200%#	
41) Toluene-d8	7.896	98	500810	67.778	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 135.560%#	
43) trans-1,3-Dichloroprop...	8.179	79	89752	74.642	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 149.280%#	
47) 2-Hexanone-d5	8.649	63	257327	200.445	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	= 200.450%#	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	358227	89.707	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 179.420%#	
66) 1,2-Dichlorobenzene-d4	12.195	152	205422	82.176	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 164.360%#	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.597	62	6215	1.800	ug/L #	59
10) 1,1,2-Trichloro-1,2,2-...	2.530	101	1678	0.750	ug/L #	20
12) 1,1-Dichloroethene	2.530	96	1343	0.647	ug/L #	1
16) Methylene chloride	3.025	84	2909	1.112	ug/L	89
20) cis-1,2-Dichloroethene	4.662	96	7223	2.829	ug/L	98
37) 1,2-Dichloropropane	6.687	63	25462	8.750	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	6246	1.592	ug/L #	82
44) trans-1,3-Dichloropropene	8.179	75	4152	1.127	ug/L #	76
48) 2-Hexanone	8.649	43	41817	11.109	ug/L #	72
60) 1,2,3-Trichloropropane	11.816	75	17190	4.868	ug/L #	68

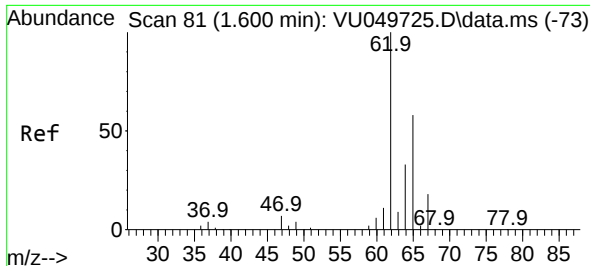
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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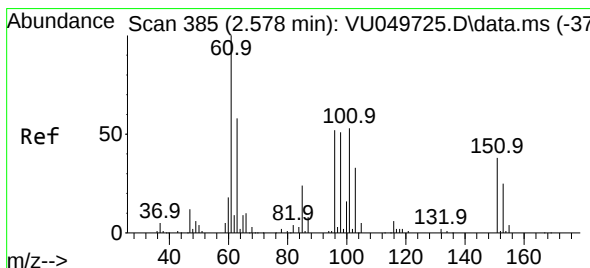
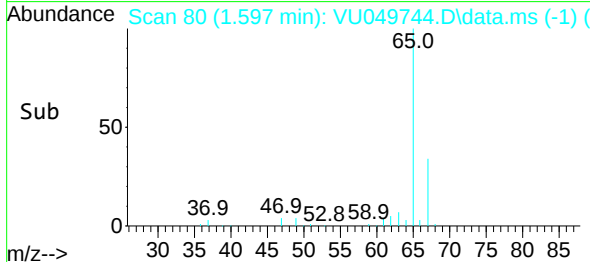
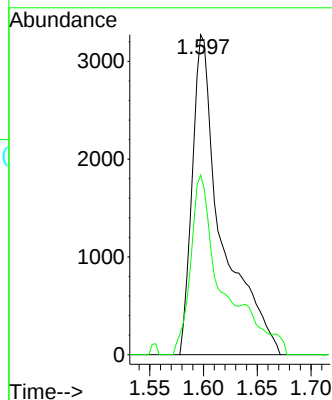
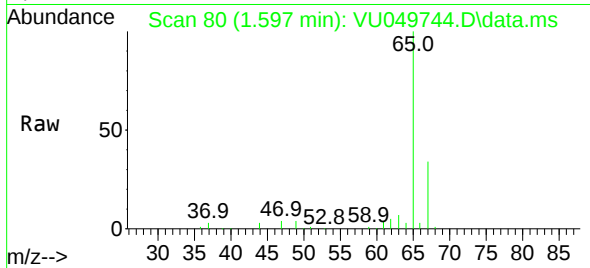




#5
 Vinyl chloride
 Concen: 1.800 ug/L
 RT: 1.597 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VU049744.D
 Acq: 15 Jul 2022 18:10

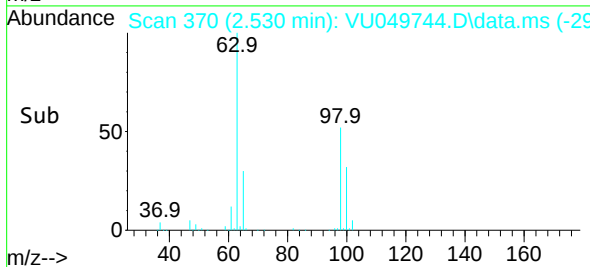
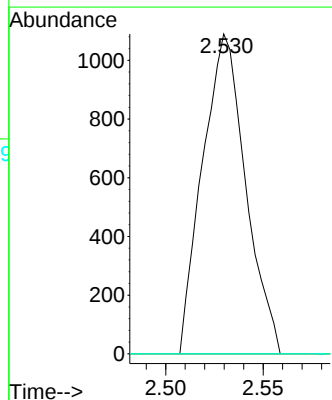
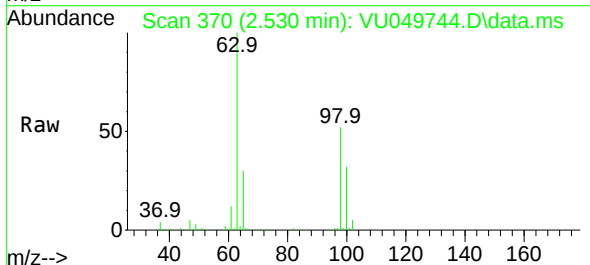
Instrument :
 MSVOA_U
 ClientSampleId :
 F5B68ME

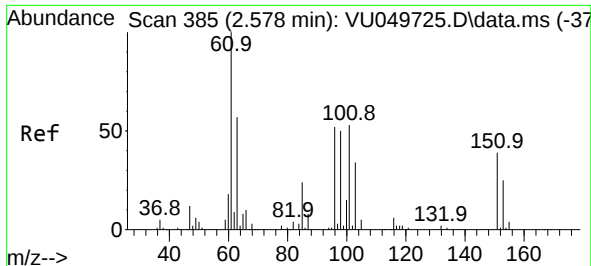
Tgt Ion: 62 Resp: 6215
 Ion Ratio Lower Upper
 62 100
 64 56.1 23.0 42.6#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.750 ug/L
 RT: 2.530 min Scan# 370
 Delta R.T. -0.048 min
 Lab File: VU049744.D
 Acq: 15 Jul 2022 18:10

Tgt Ion: 101 Resp: 1678
 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: 0.647 ug/L

RT: 2.530 min Scan# 31

Delta R.T. -0.048 min

Lab File: VU049744.D

Acq: 15 Jul 2022 18:10

Instrument :

MSVOA_U

ClientSampleId :

F5B68ME

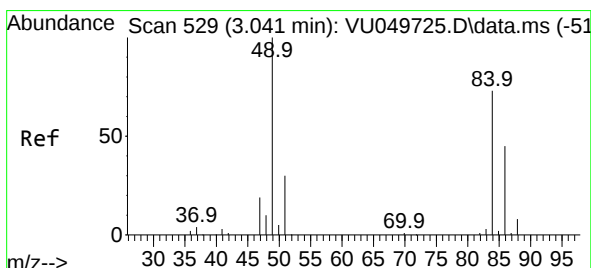
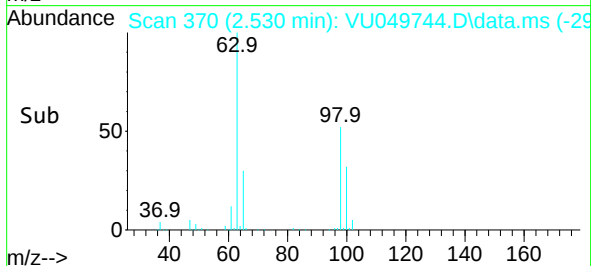
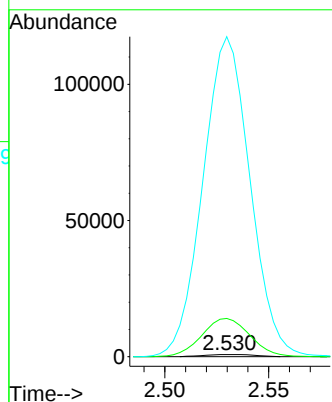
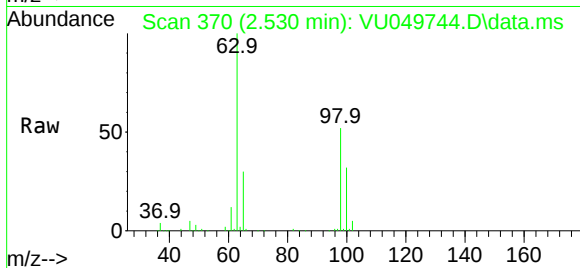
Tgt Ion: 96 Resp: 1343

Ion Ratio Lower Upper

96 100

61 1780.7 129.6 240.6#

63 14908.6 79.0 146.6#



#16

Methylene chloride

Concen: 1.112 ug/L

RT: 3.025 min Scan# 524

Delta R.T. -0.016 min

Lab File: VU049744.D

Acq: 15 Jul 2022 18:10

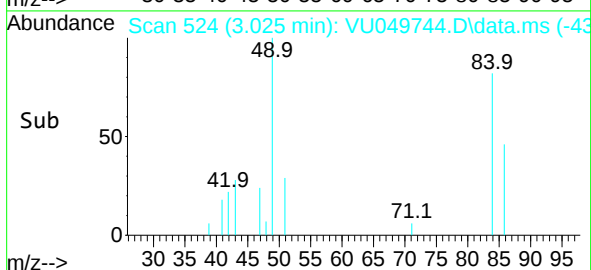
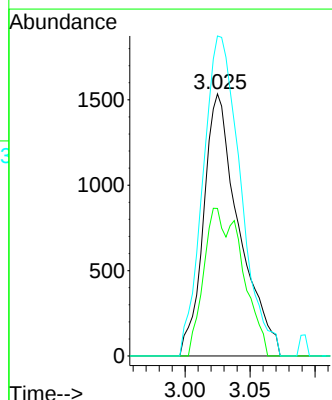
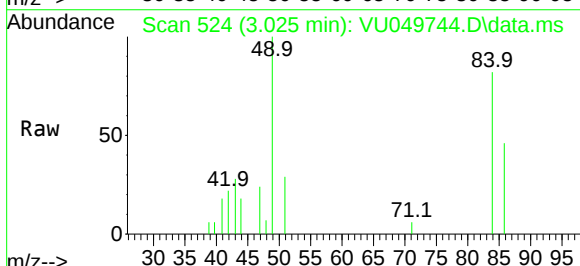
Tgt Ion: 84 Resp: 2909

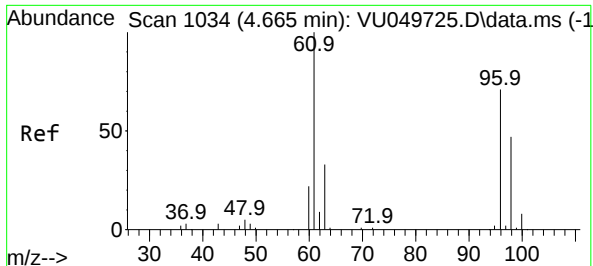
Ion Ratio Lower Upper

84 100

86 56.3 45.6 84.6

49 122.1 94.4 175.4





#20

cis-1,2-Dichloroethene

Concen: 2.829 ug/L

RT: 4.662 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU049744.D

Acq: 15 Jul 2022 18:10

Instrument :

MSVOA_U

ClientSampleId :

F5B68ME

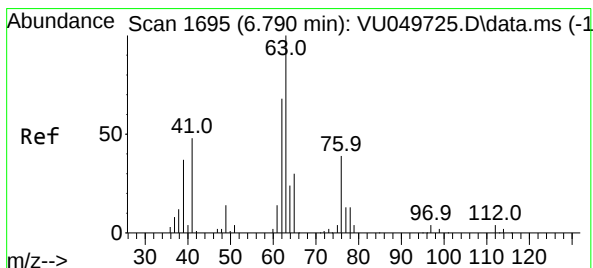
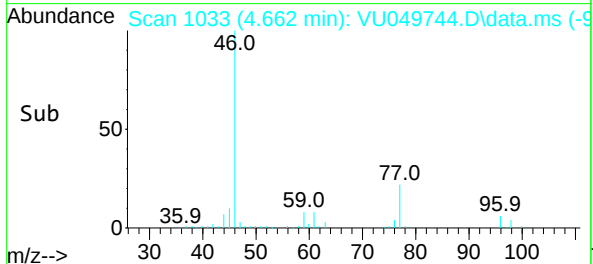
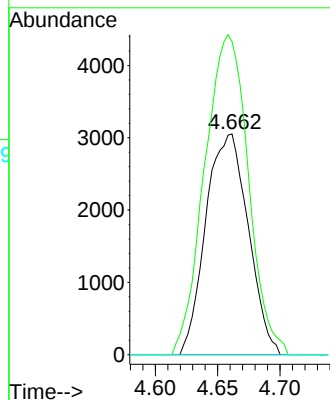
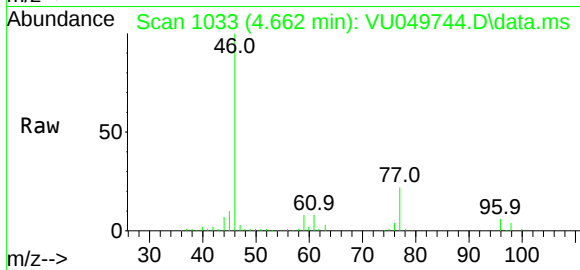
Tgt Ion: 96 Resp: 7223

Ion Ratio Lower Upper

96 100

61 141.8 101.1 187.7

68 0.0 0.0 0.0



#37

1,2-Dichloropropane

Concen: 8.750 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU049744.D

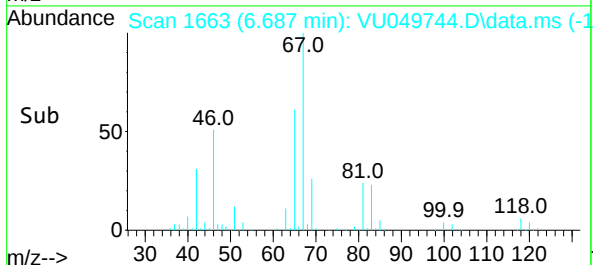
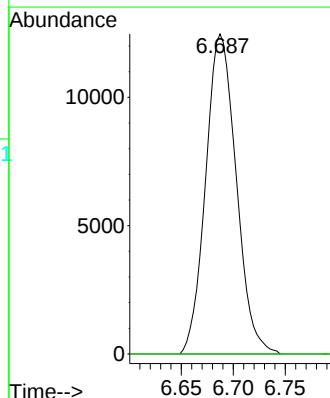
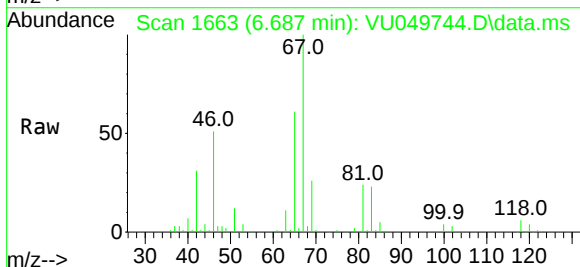
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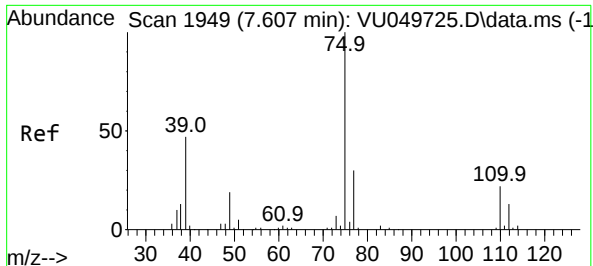
Tgt Ion: 63 Resp: 25462

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.592 ug/L

RT: 7.565 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU049744.D

Acq: 15 Jul 2022 18:10

Instrument :

MSVOA_U

ClientSampleId :

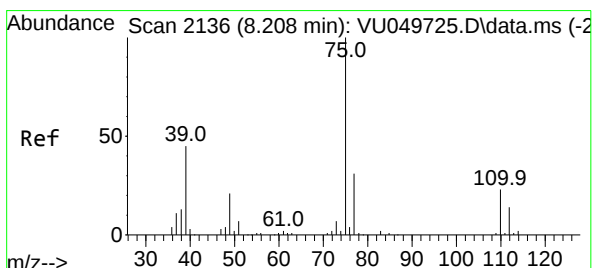
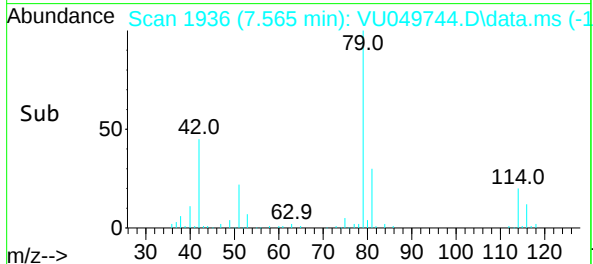
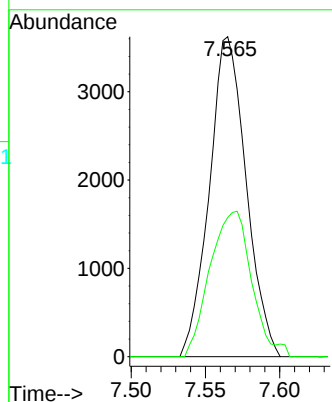
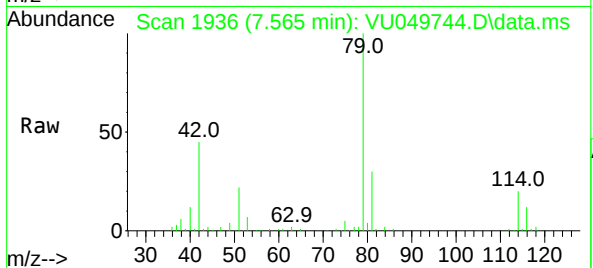
F5B68ME

Tgt Ion: 75 Resp: 6246

Ion Ratio Lower Upper

75 100

77 42.3 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 1.127 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU049744.D

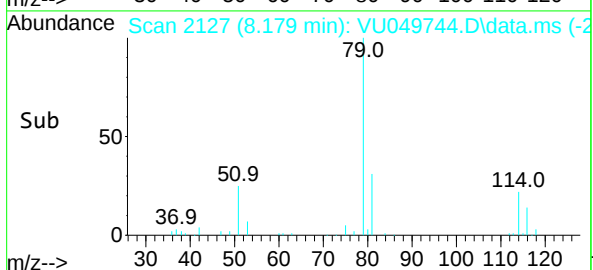
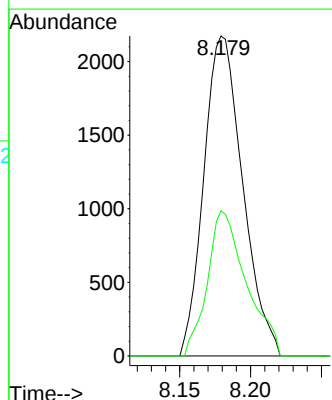
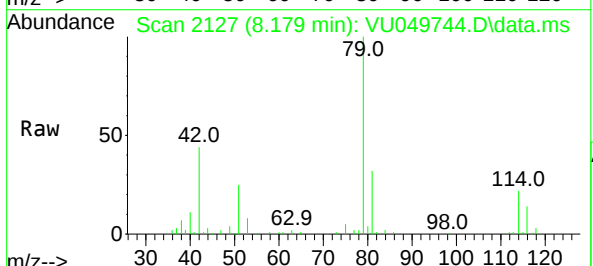
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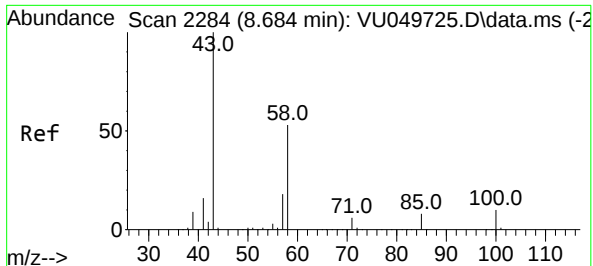
Tgt Ion: 75 Resp: 4152

Ion Ratio Lower Upper

75 100

77 45.4 22.5 41.9#

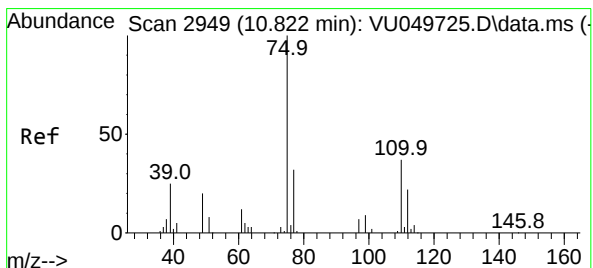
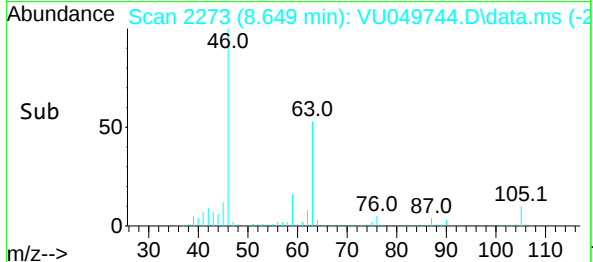
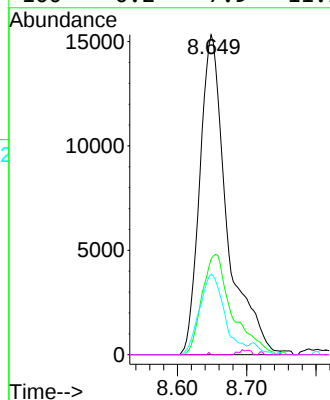
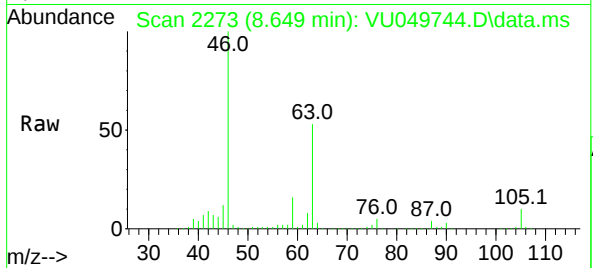




#48
2-Hexanone
Concen: 11.109 ug/L
RT: 8.649 min Scan# 21
Delta R.T. -0.035 min
Lab File: VU049744.D
Acq: 15 Jul 2022 18:10

Instrument :
MSVOA_U
ClientSampleId :
F5B68ME

Tgt Ion: 43	Resp: 41817
Ion Ratio	Lower Upper
43 100	
58 28.4	42.6 64.0#
57 23.2	15.0 22.6#
100 0.2	7.9 11.9#



#60
1,2,3-Trichloropropane
Concen: 4.868 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.994 min
Lab File: VU049744.D
Acq: 15 Jul 2022 18:10

Tgt Ion: 75	Resp: 17190
Ion Ratio	Lower Upper
75 100	
77 35.0	25.5 38.3
110 3.1	28.9 43.3#

