

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071522\
 Data File : VU049741.D
 Acq On : 15 Jul 2022 16:59
 Operator : SY/MD
 Sample : N3679-11ME
 Misc : 5.94g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5B51ME

Quant Time: Jul 15 23:07:57 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)

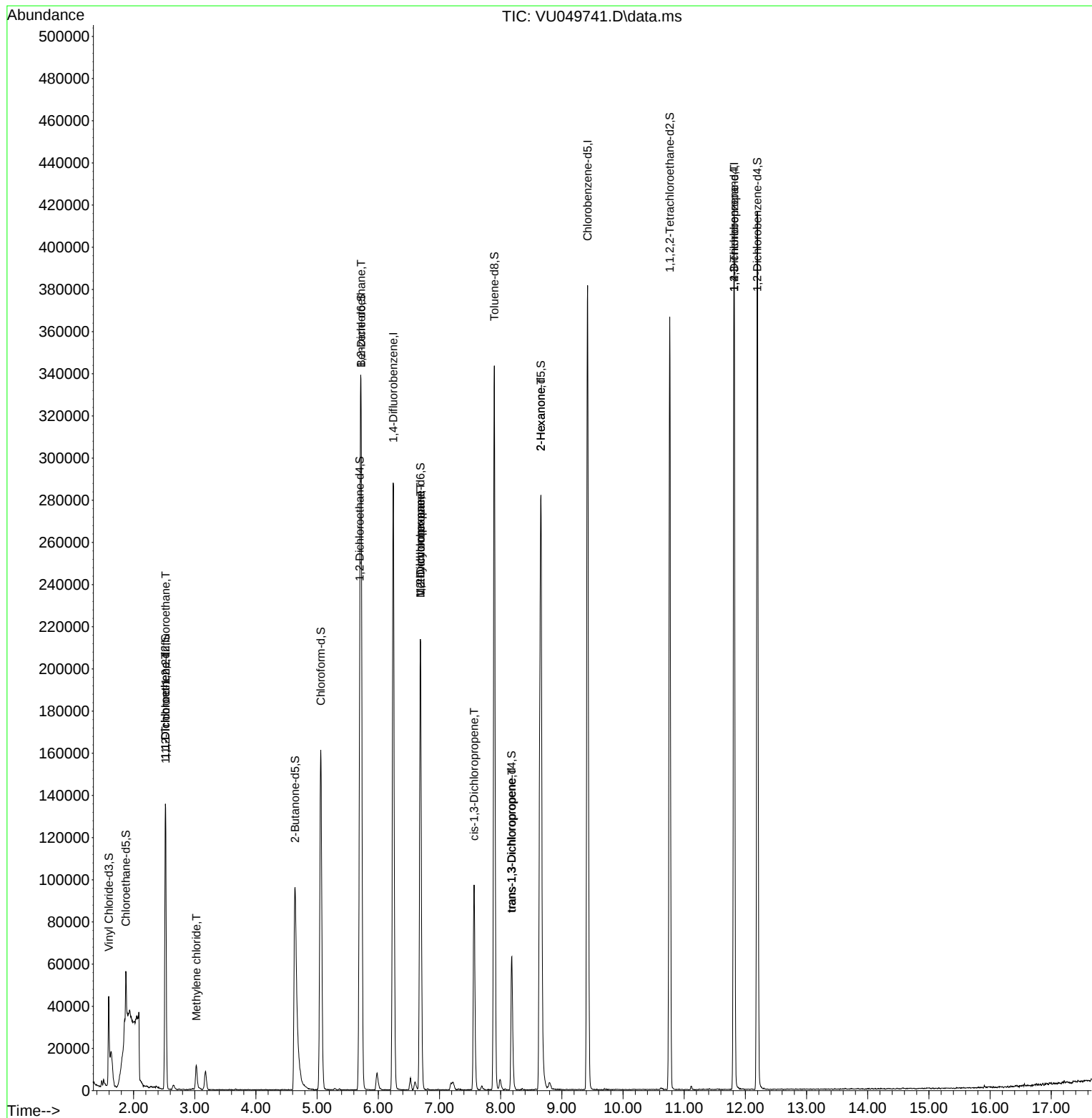
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	227617	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	221267	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	105395	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	36839	19.182	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	38.360%#		
7) Chloroethane-d5	1.874	69	24039	17.316	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	34.640%#		
11) 1,1-Dichloroethene-d2	2.520	63	84665	24.958	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	49.920%#		
21) 2-Butanone-d5	4.639	46	200962	122.577	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	122.580%		
24) Chloroform-d	5.060	84	155604	45.745	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.500%		
26) 1,2-Dichloroethane-d4	5.697	65	110234	47.883	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.760%		
32) Benzene-d6	5.719	84	270462	40.235	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.480%		
36) 1,2-Dichloropropane-d6	6.687	67	104161	46.069	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.140%		
41) Toluene-d8	7.896	98	226201	38.641	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.280%#		
43) trans-1,3-Dichloroprop...	8.179	79	40098	42.093	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.180%		
47) 2-Hexanone-d5	8.658	63	129665	127.490	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	127.490%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	183055	57.862	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	115.720%		
66) 1,2-Dichlorobenzene-d4	12.195	152	101849	51.253	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.500%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.523	101	688	0.392	ug/L #	20
12) 1,1-Dichloroethene	2.520	96	600	0.369	ug/L #	1
16) Methylene chloride	3.025	84	5687	2.775	ug/L	99
27) 1,2-Dichloroethane	5.719	62	1803	0.570	ug/L #	76
35) Methylcyclohexane	6.690	83	23541	7.452	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	11820	5.127	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2851	0.917	ug/L #	74
44) trans-1,3-Dichloropropene	8.182	75	1846	0.632	ug/L #	69
48) 2-Hexanone	8.658	43	18314	6.141	ug/L #	81
60) 1,2,3-Trichloropropane	11.815	75	14350	5.112	ug/L #	67

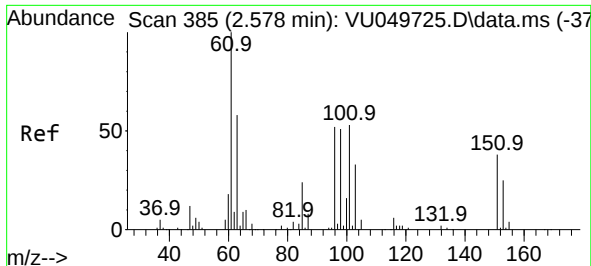
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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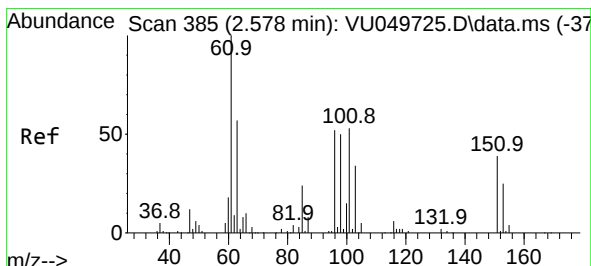
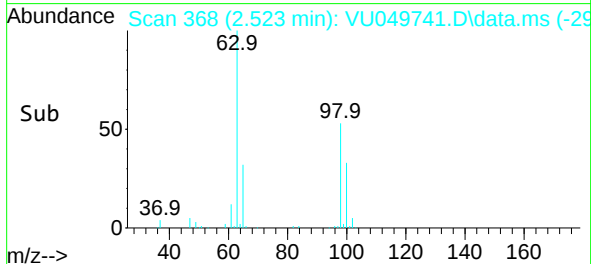
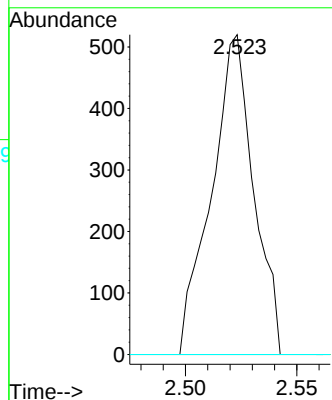
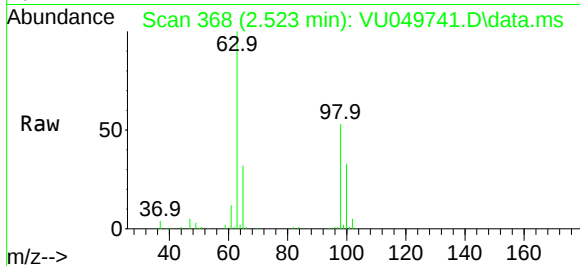




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.392 ug/L
RT: 2.523 min Scan# 30
Delta R.T. -0.055 min
Lab File: VU049741.D
Acq: 15 Jul 2022 16:59

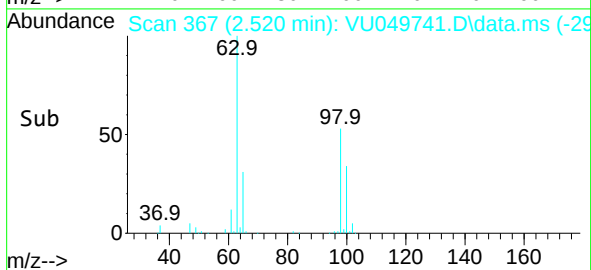
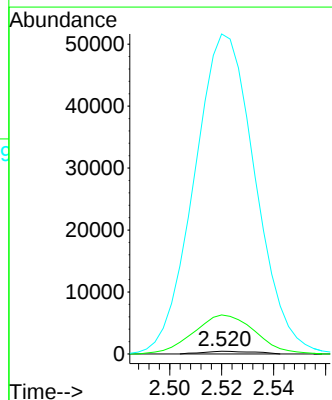
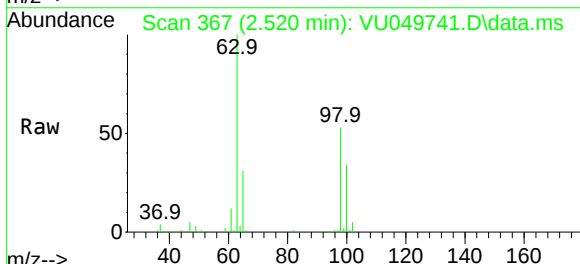
Instrument :
MSVOA_U
ClientSampleId :
F5B51ME

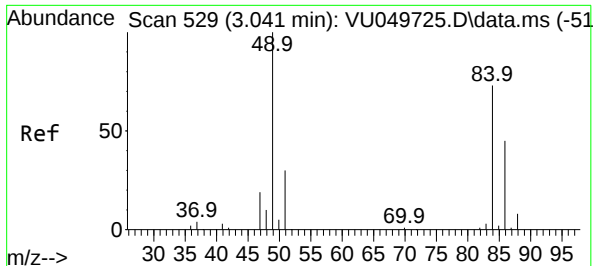
Tgt Ion:101 Resp: 688
Ion Ratio Lower Upper
101 100
85 0.0 37.3 55.9#
151 0.0 56.9 85.3#



#12
1,1-Dichloroethene
Concen: 0.369 ug/L
RT: 2.520 min Scan# 367
Delta R.T. -0.058 min
Lab File: VU049741.D
Acq: 15 Jul 2022 16:59

Tgt Ion: 96 Resp: 600
Ion Ratio Lower Upper
96 100
61 1418.4 129.6 240.6#
63 11606.3 79.0 146.6#

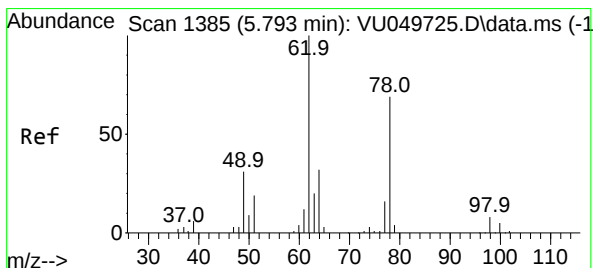
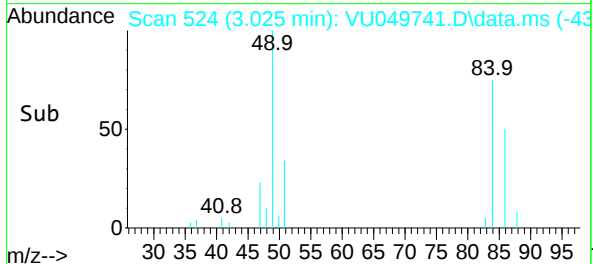
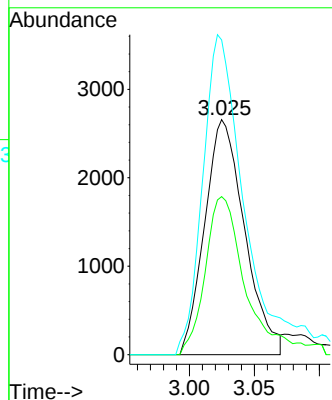
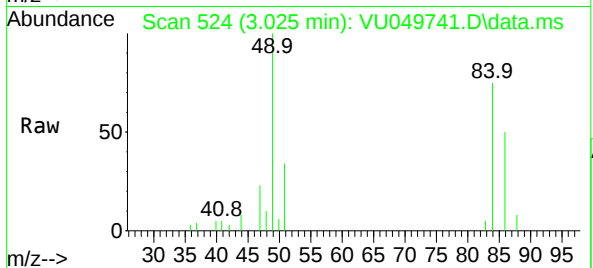




#16
Methylene chloride
Concen: 2.775 ug/L
RT: 3.025 min Scan# 51
Delta R.T. -0.016 min
Lab File: VU049741.D
Acq: 15 Jul 2022 16:59

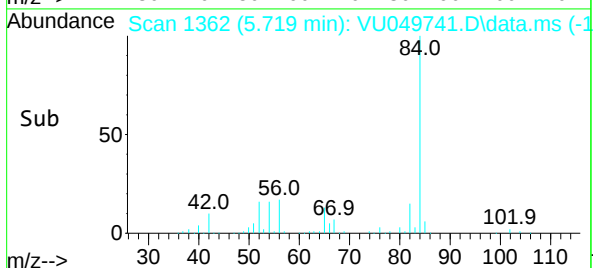
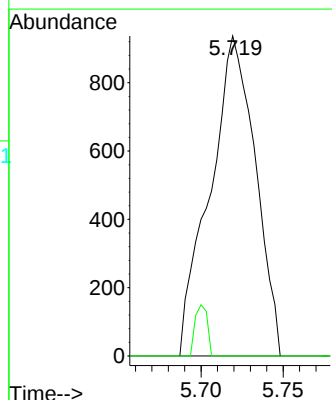
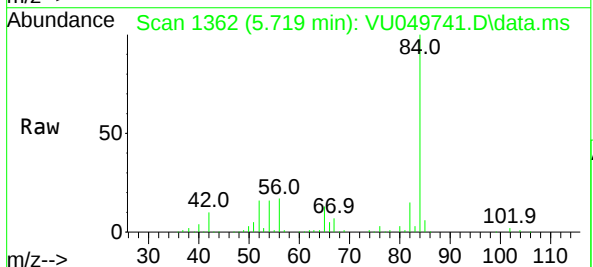
Instrument :
MSVOA_U
ClientSampleId :
F5B51ME

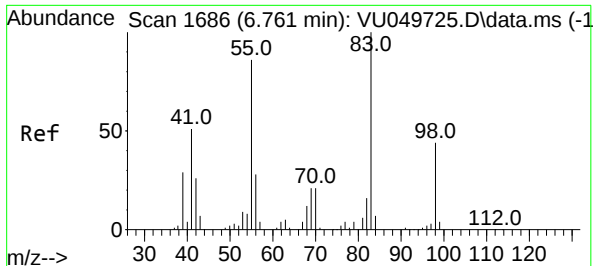
Tgt Ion: 84 Resp: 5687
Ion Ratio Lower Upper
84 100
86 67.3 45.6 84.6
49 133.9 94.4 175.4



#27
1,2-Dichloroethane
Concen: 0.570 ug/L
RT: 5.719 min Scan# 1362
Delta R.T. -0.074 min
Lab File: VU049741.D
Acq: 15 Jul 2022 16:59

Tgt Ion: 62 Resp: 1803
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#





#35

Methylcyclohexane

Concen: 7.452 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU049741.D

Acq: 15 Jul 2022 16:59

Instrument :

MSVOA_U

ClientSampleId :

F5B51ME

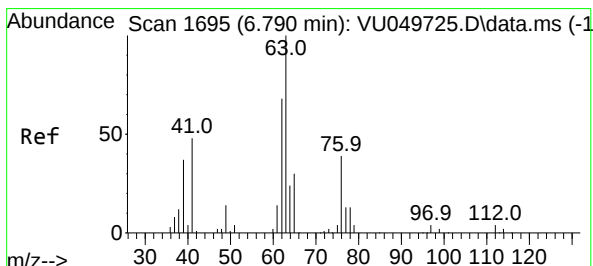
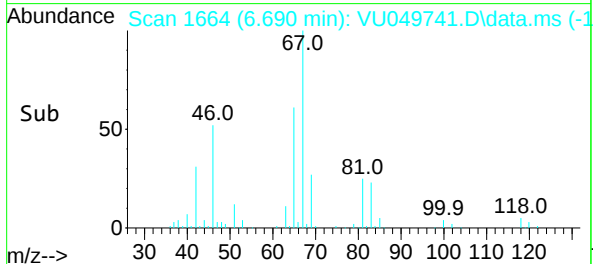
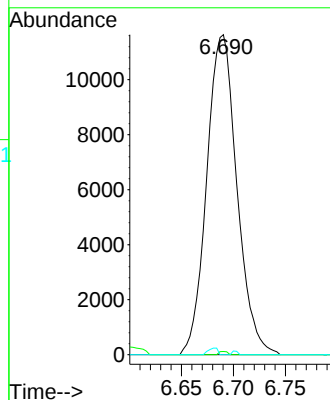
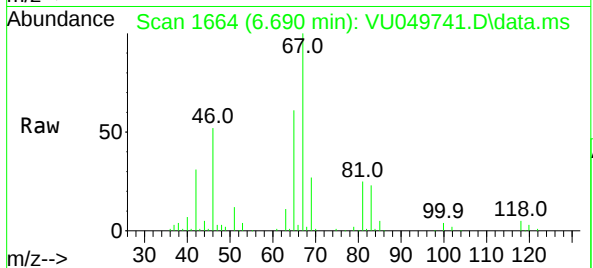
Tgt Ion: 83 Resp: 23541

Ion Ratio Lower Upper

83 100

55 0.3 66.0 99.0#

98 0.6 34.6 51.8#



#37

1,2-Dichloropropane

Concen: 5.127 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049741.D

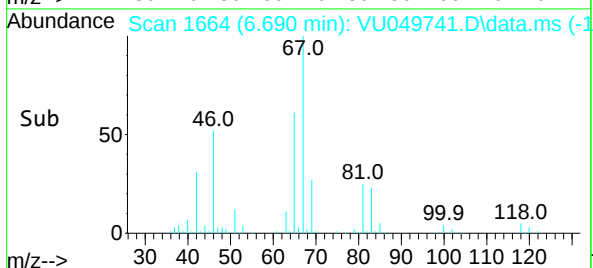
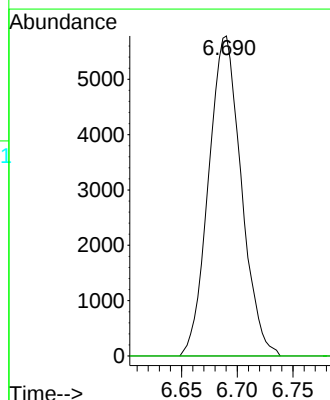
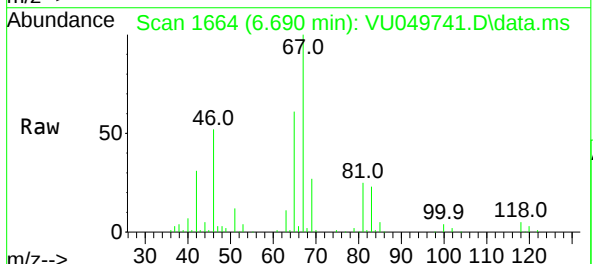
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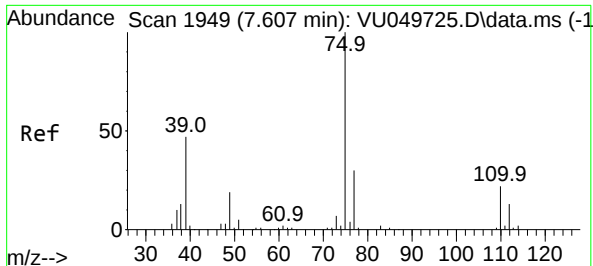
Tgt Ion: 63 Resp: 11820

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.917 ug/L

RT: 7.565 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU049741.D

Acq: 15 Jul 2022 16:59

Instrument :

MSVOA_U

ClientSampleId :

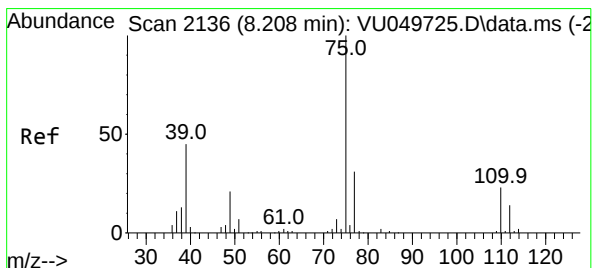
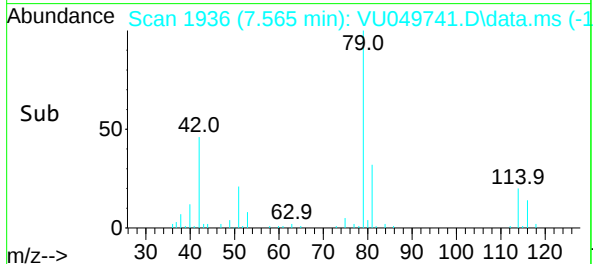
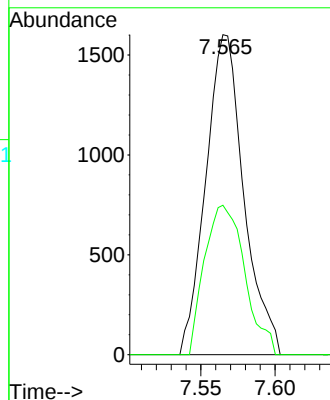
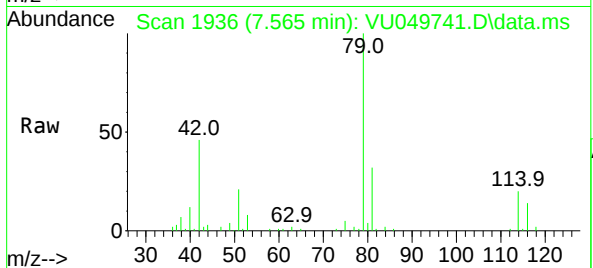
F5B51ME

Tgt Ion: 75 Resp: 2851

Ion Ratio Lower Upper

75 100

77 46.7 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.632 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.026 min

Lab File: VU049741.D

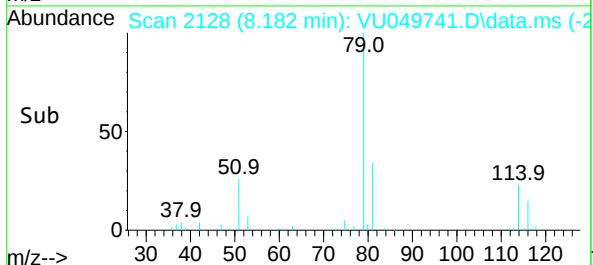
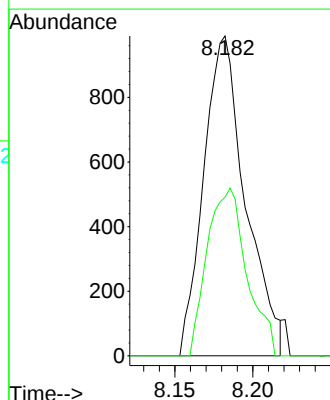
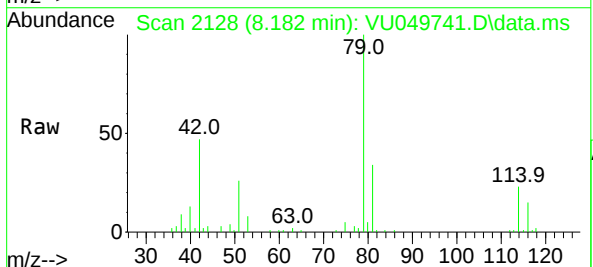
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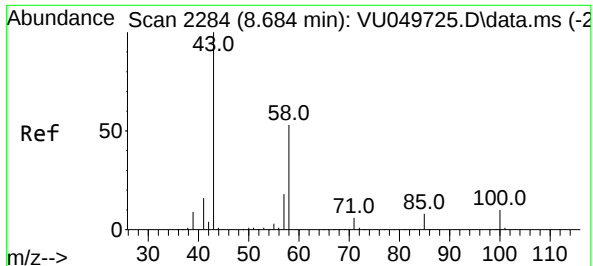
Tgt Ion: 75 Resp: 1846

Ion Ratio Lower Upper

75 100

77 49.6 22.5 41.9#

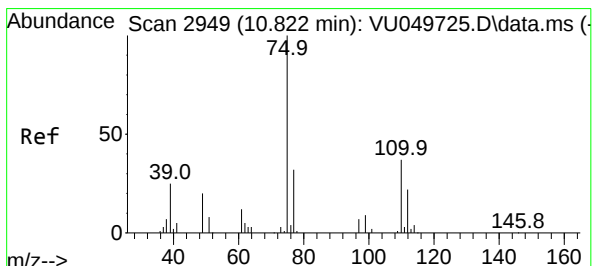
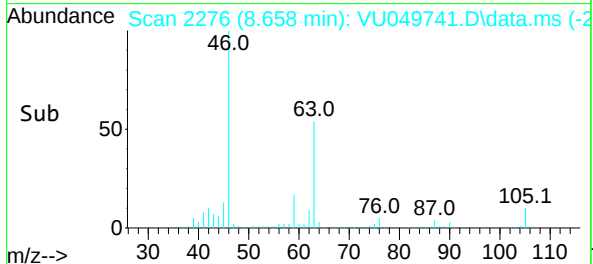
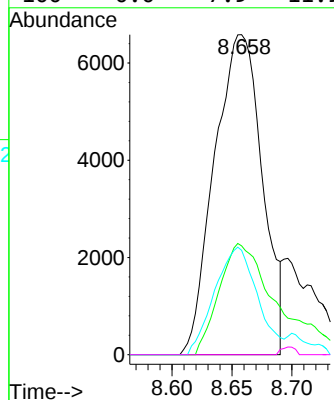
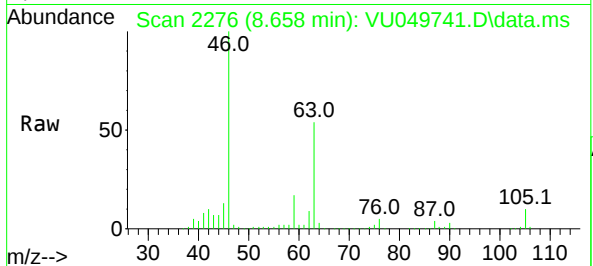




#48
2-Hexanone
Concen: 6.141 ug/L
RT: 8.658 min Scan# 21
Delta R.T. -0.026 min
Lab File: VU049741.D
Acq: 15 Jul 2022 16:59

Instrument :
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ClientSampleId :
F5B51ME

Tgt Ion: 43	Resp: 18314
Ion Ratio	Lower Upper
43 100	
58 41.9	42.6 64.0#
57 30.2	15.0 22.6#
100 0.0	7.9 11.9#



#60
1,2,3-Trichloropropane
Concen: 5.112 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.994 min
Lab File: VU049741.D
Acq: 15 Jul 2022 16:59

Tgt Ion: 75	Resp: 14350
Ion Ratio	Lower Upper
75 100	
77 34.8	25.5 38.3
110 2.0	28.9 43.3#

