

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U071922\
 Data File : U071922.D
 Acq On : 19 Jul 2022 17:38
 Operator : SY/MD
 Sample : N3698-11ME
 Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5B76ME

Quant Time: Jul 20 02:18:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 19 02:09:49 2022
 Response via : Initial Calibration

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

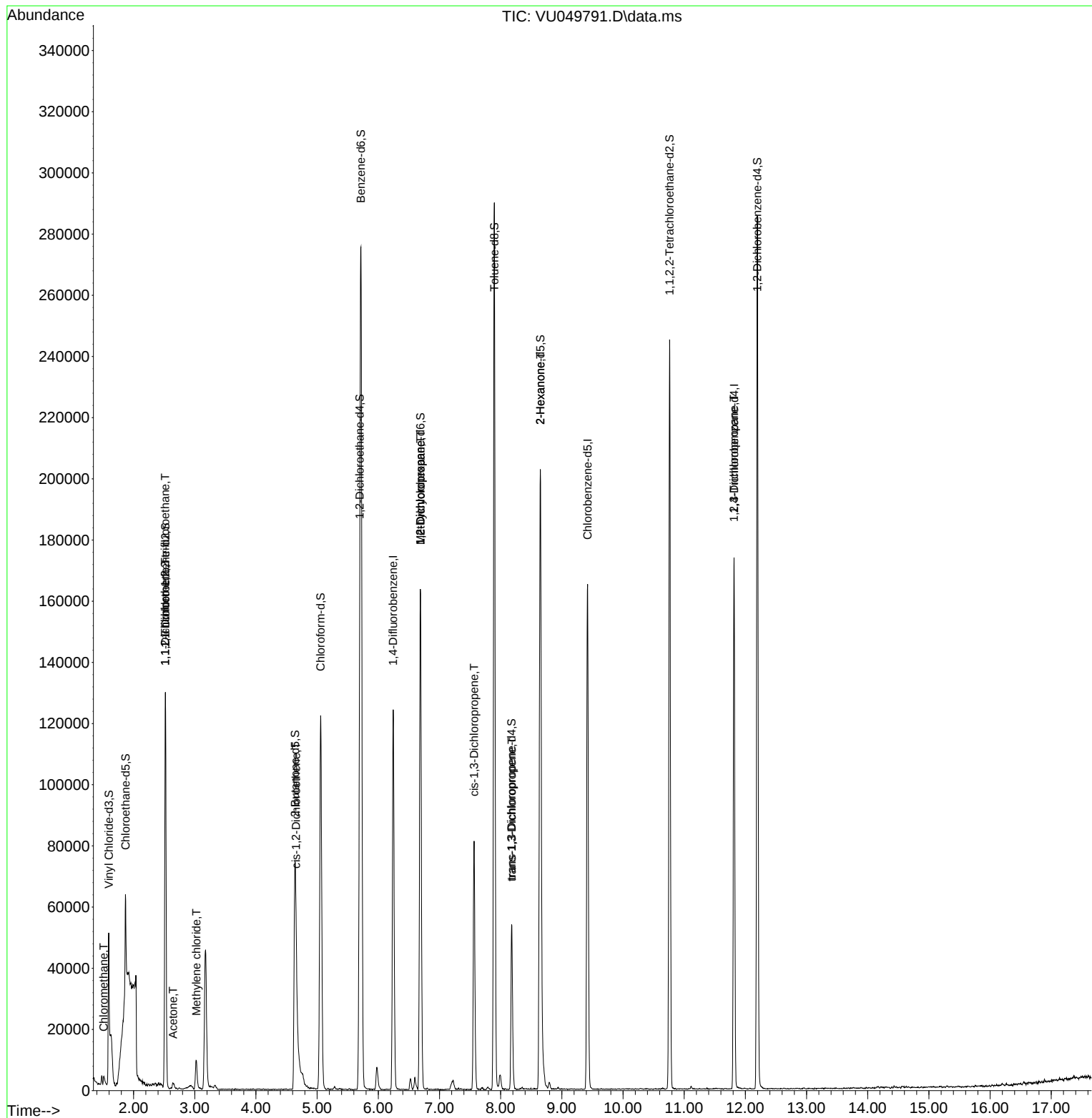
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	96146	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	93315	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	42815	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	39744	48.992	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.980%		
7) Chloroethane-d5	1.867	69	27452	46.816	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.640%		
11) 1,1-Dichloroethene-d2	2.520	63	78775	54.975	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	109.940%		
21) 2-Butanone-d5	4.639	46	124451	179.708	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	179.710%#		
24) Chloroform-d	5.057	84	115608	80.461	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	160.920%#		
26) 1,2-Dichloroethane-d4	5.697	65	84989	87.398	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	174.800%#		
32) Benzene-d6	5.716	84	219046	77.268	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	154.540%#		
36) 1,2-Dichloropropane-d6	6.687	67	78977	82.826	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	165.660%#		
41) Toluene-d8	7.896	98	183487	74.324	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	148.640%#		
43) trans-1,3-Dichloroprop...	8.179	79	32140	80.001	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	160.000%#		
47) 2-Hexanone-d5	8.649	63	80444	187.548	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	187.550%#		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	120389	90.233	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	180.460%#		
66) 1,2-Dichlorobenzene-d4	12.195	152	70662	87.534	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	175.060%#		
Target Compounds						Qvalue
3) Chloromethane	1.514	50	2651	2.096	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.517	101	662	0.894	ug/L #	20
12) 1,1-Dichloroethene	2.517	96	461	0.671	ug/L #	1
13) Acetone	2.646	43	2838	4.312	ug/L	93
16) Methylene chloride	3.025	84	4631	5.350	ug/L	92
20) cis-1,2-Dichloroethene	4.655	96	6256	7.402	ug/L	91
35) Methylcyclohexane	6.687	83	17061	12.805	ug/L #	18
37) 1,2-Dichloropropane	6.687	63	8856	9.109	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2308	1.760	ug/L #	75
44) trans-1,3-Dichloropropene	8.182	75	1508	1.225	ug/L	86
48) 2-Hexanone	8.649	43	11234	8.932	ug/L #	75
60) 1,2,3-Trichloropropane	11.812	75	5927	5.197	ug/L #	65

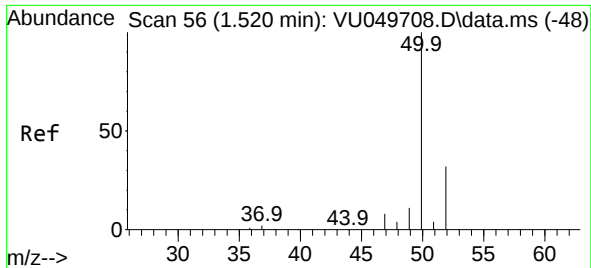
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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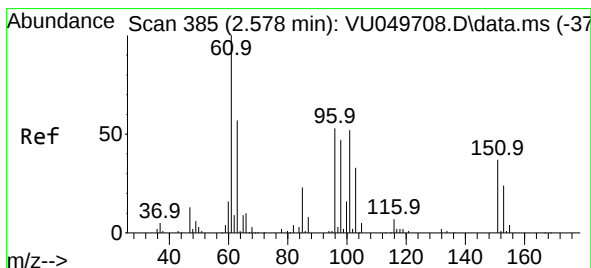
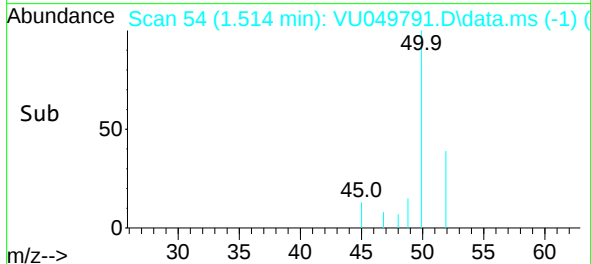
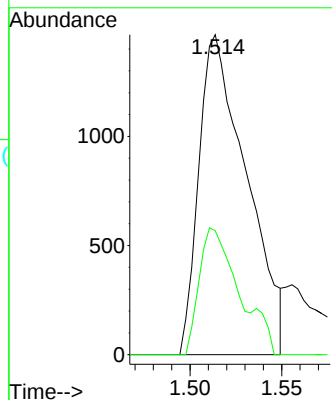
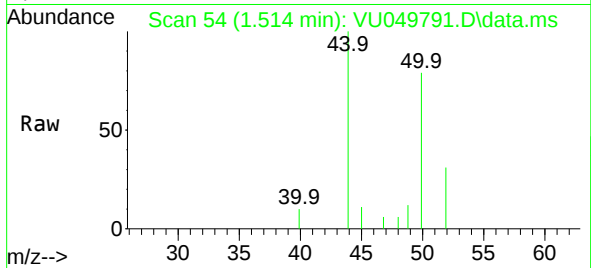




#3
Chloromethane
Concen: 2.096 ug/L
RT: 1.514 min Scan# 54
Delta R.T. -0.006 min
Lab File: VU049791.D
Acq: 19 Jul 2022 17:38

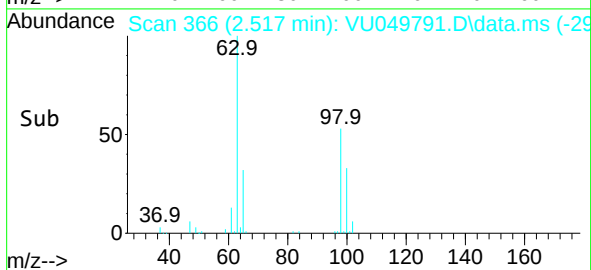
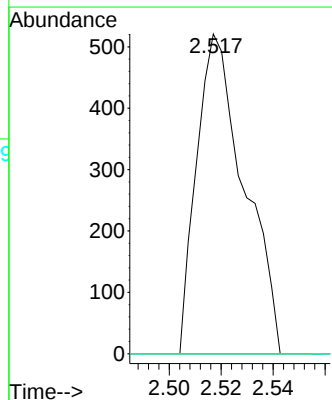
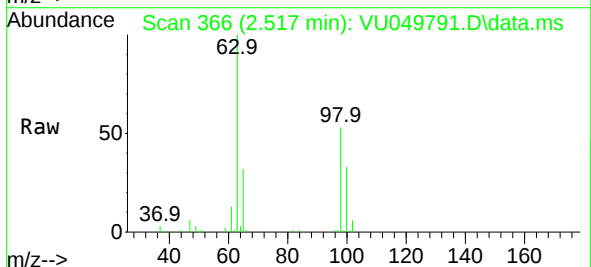
Instrument :
MSVOA_U
ClientSampleId :
F5B76ME

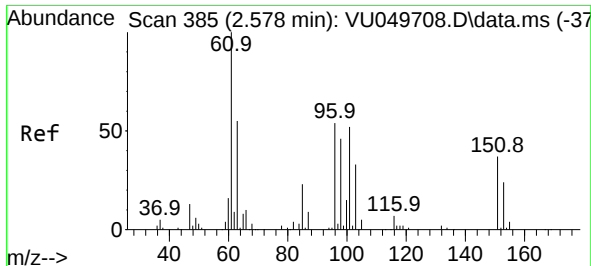
Tgt Ion: 50 Resp: 2651
Ion Ratio Lower Upper
50 100
52 38.7 23.2 43.0



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.894 ug/L
RT: 2.517 min Scan# 366
Delta R.T. -0.058 min
Lab File: VU049791.D
Acq: 19 Jul 2022 17:38

Tgt Ion: 101 Resp: 662
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: 0.671 ug/L

RT: 2.517 min Scan# 3

Delta R.T. -0.058 min

Lab File: VU049791.D

Acq: 19 Jul 2022 17:38

Instrument :

MSVOA_U

ClientSampleId :

F5B76ME

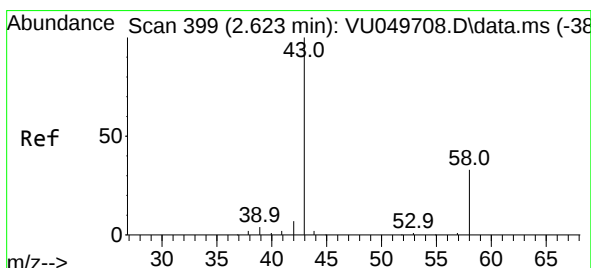
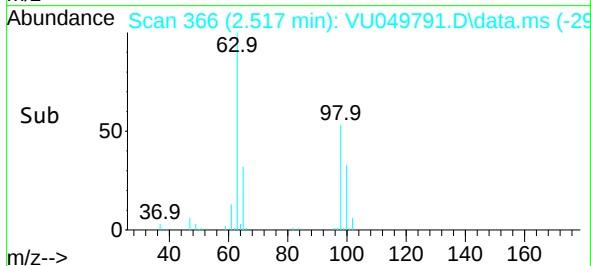
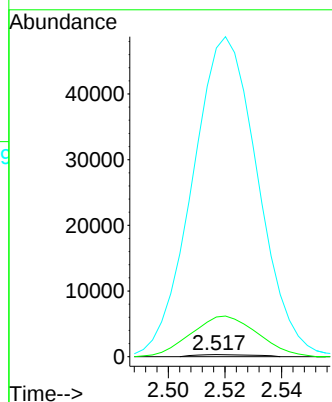
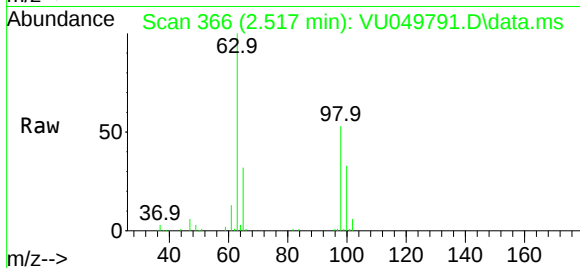
Tgt Ion: 96 Resp: 461

Ion Ratio Lower Upper

96 100

61 1947.4 129.6 240.6#

63 15161.3 79.0 146.6#



#13

Acetone

Concen: 4.312 ug/L

RT: 2.646 min Scan# 406

Delta R.T. 0.019 min

Lab File: VU049791.D

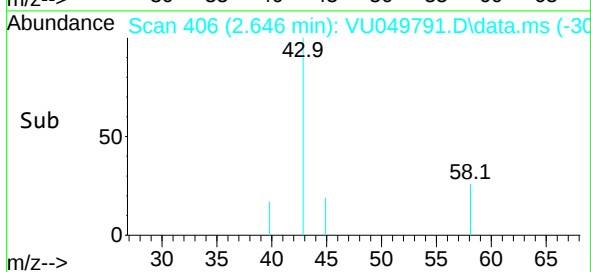
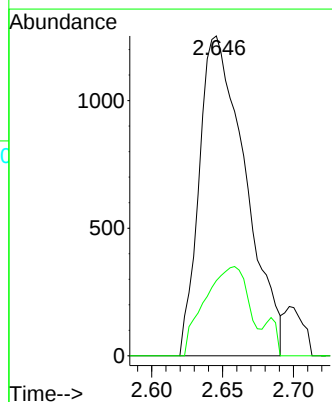
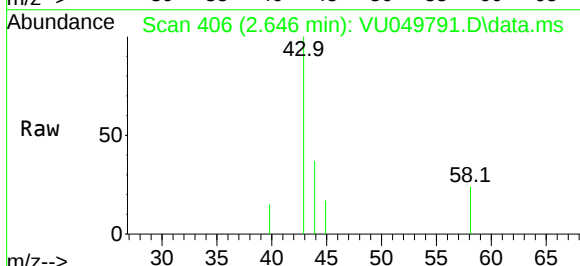
Acq: 19 Jul 2022 17:38

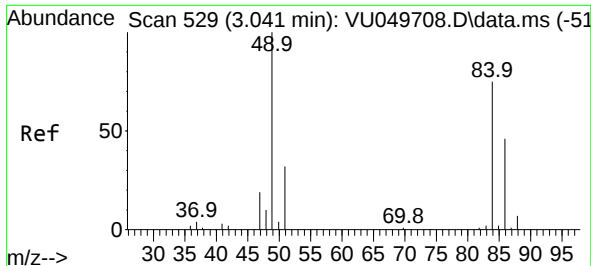
Tgt Ion: 43 Resp: 2838

Ion Ratio Lower Upper

43 100

58 27.0 0.0 61.4

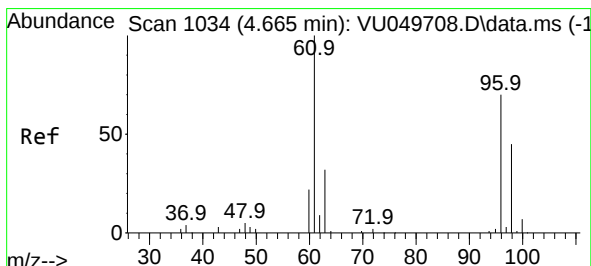
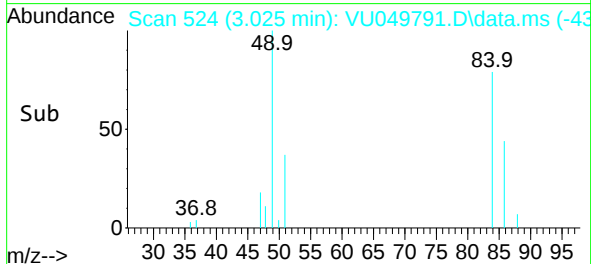
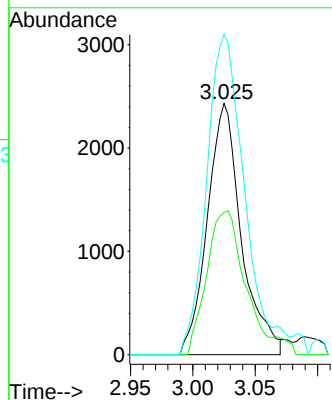
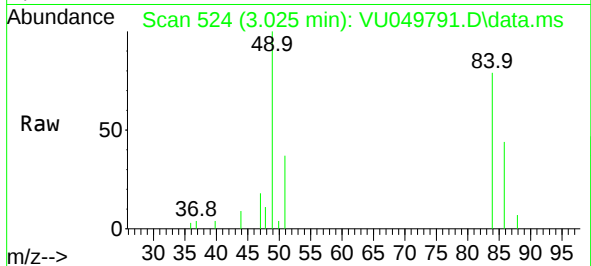




#16
Methylene chloride
Concen: 5.350 ug/L
RT: 3.025 min Scan# 51
Delta R.T. -0.016 min
Lab File: VU049791.D
Acq: 19 Jul 2022 17:38

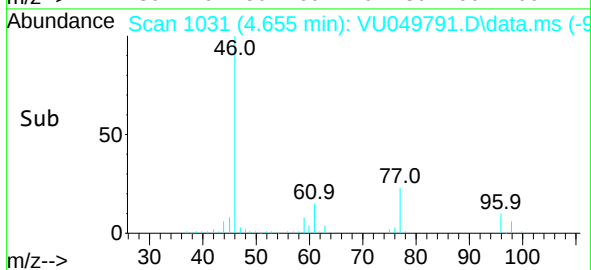
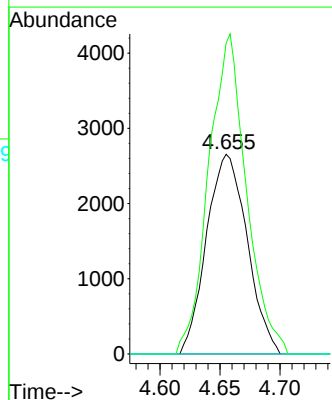
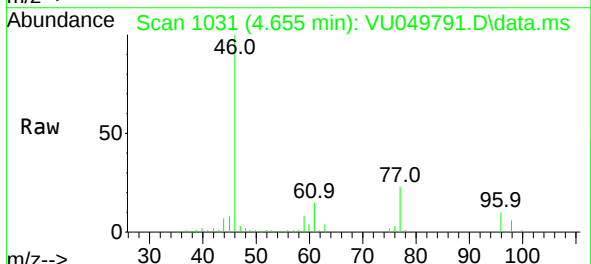
Instrument :
MSVOA_U
ClientSampleId :
F5B76ME

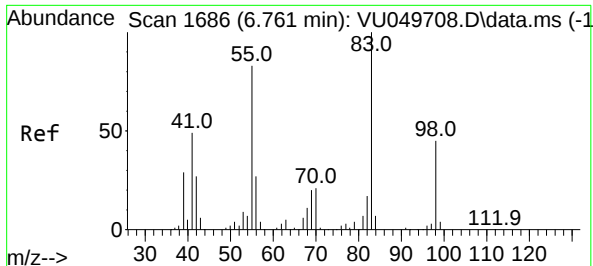
Tgt Ion: 84 Resp: 4631
Ion Ratio Lower Upper
84 100
86 56.6 45.6 84.6
49 127.4 94.4 175.4



#20
cis-1,2-Dichloroethene
Concen: 7.402 ug/L
RT: 4.655 min Scan# 1031
Delta R.T. -0.010 min
Lab File: VU049791.D
Acq: 19 Jul 2022 17:38

Tgt Ion: 96 Resp: 6256
Ion Ratio Lower Upper
96 100
61 155.7 101.1 187.7
68 0.0 0.0 0.0

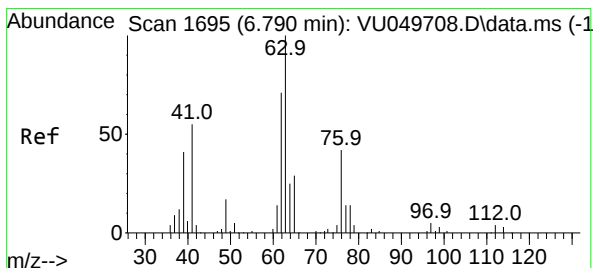
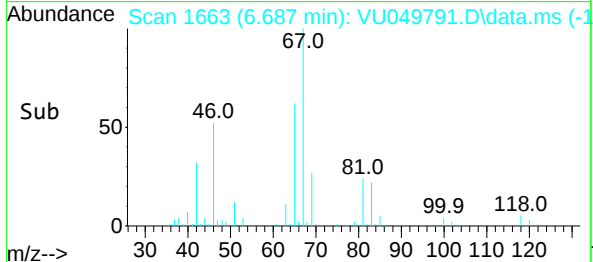
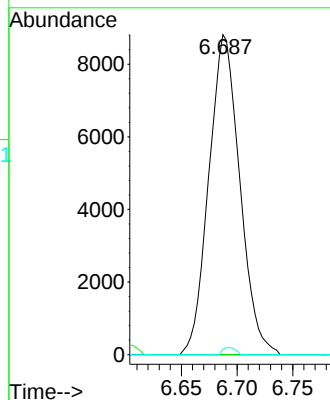
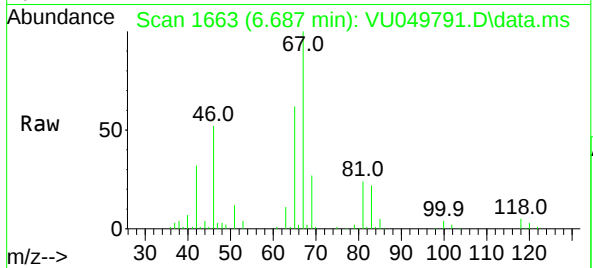




#35
Methylcyclohexane
Concen: 12.805 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU049791.D
Acq: 19 Jul 2022 17:38

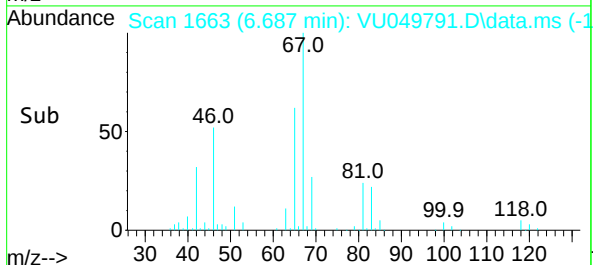
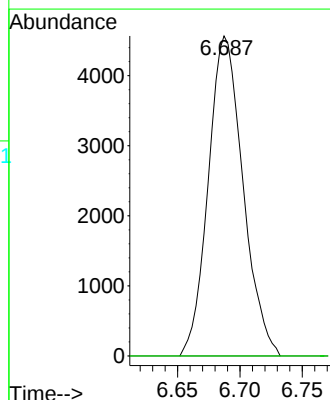
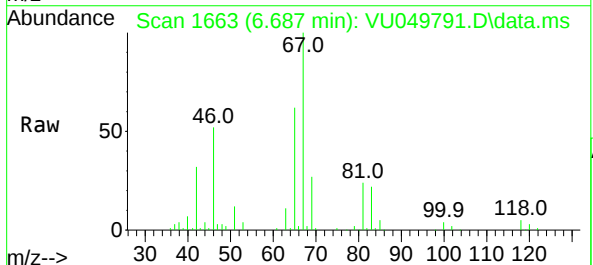
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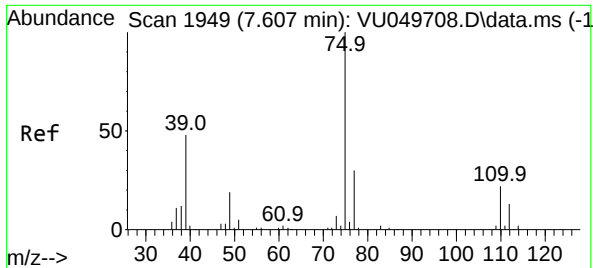
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.1	66.0	99.0#
98	0.9	34.6	51.8#



#37
1,2-Dichloropropane
Concen: 9.109 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU049791.D
Acq: 19 Jul 2022 17:38

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.760 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049791.D

Acq: 19 Jul 2022 17:38

Instrument :

MSVOA_U

ClientSampleId :

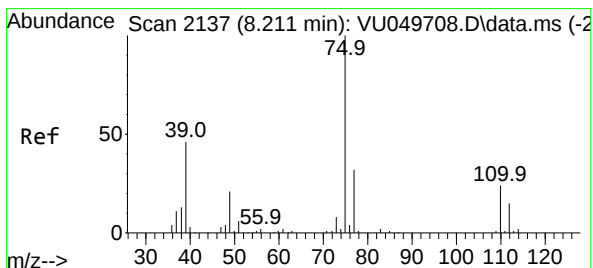
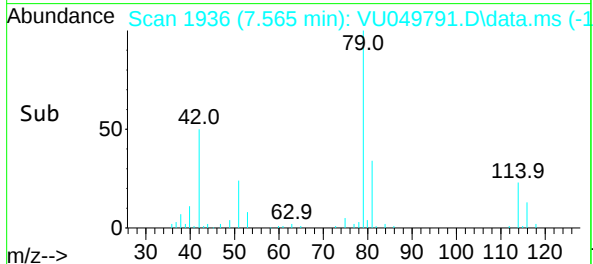
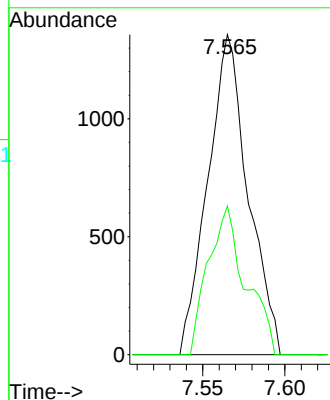
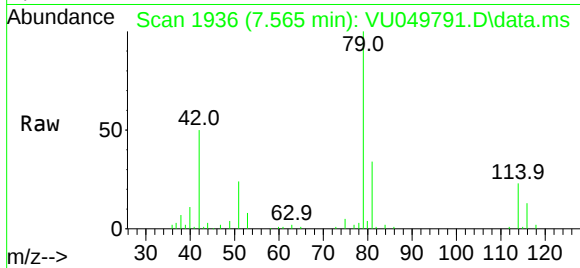
F5B76ME

Tgt Ion: 75 Resp: 2308

Ion Ratio Lower Upper

75 100

77 46.5 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 1.225 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.026 min

Lab File: VU049791.D

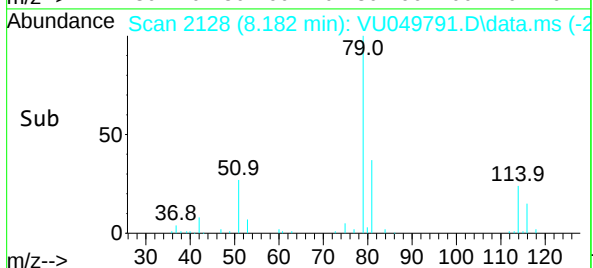
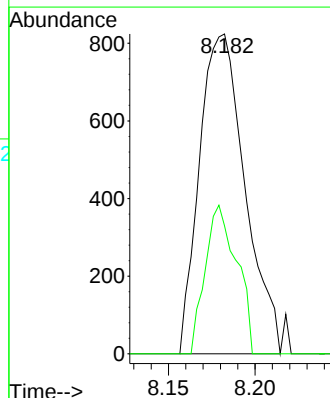
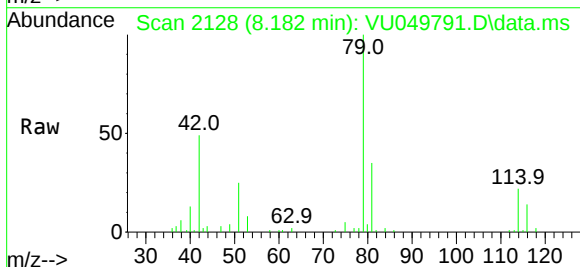
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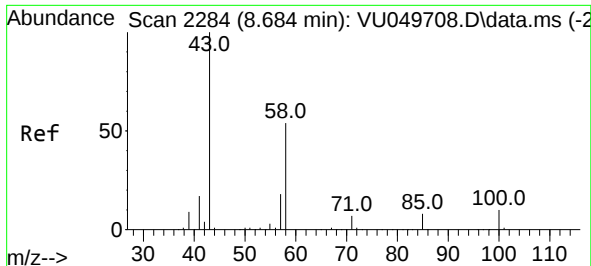
Tgt Ion: 75 Resp: 1508

Ion Ratio Lower Upper

75 100

77 40.0 22.5 41.9

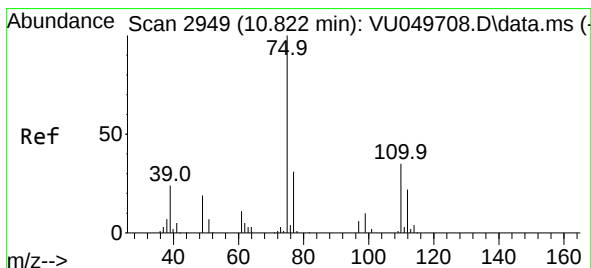
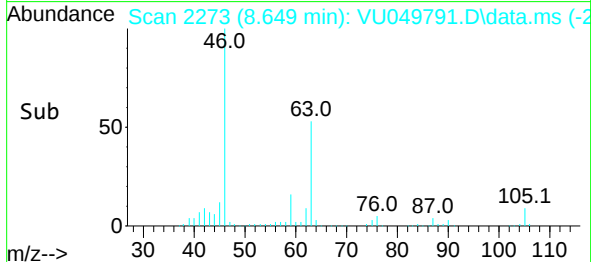
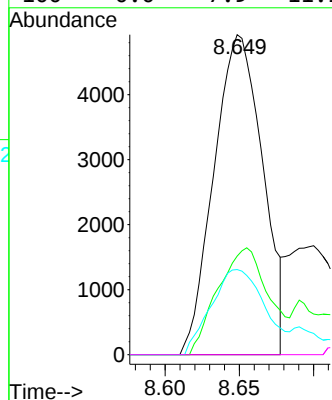
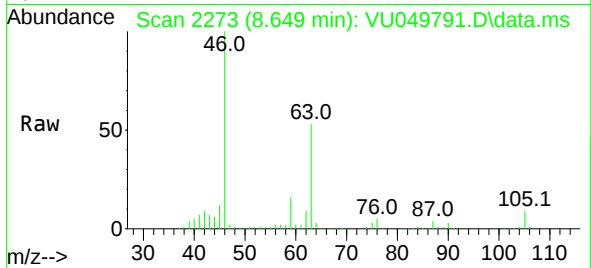




#48
2-Hexanone
Concen: 8.932 ug/L
RT: 8.649 min Scan# 211
Delta R.T. -0.035 min
Lab File: VU049791.D
Acq: 19 Jul 2022 17:38

Instrument :
MSVOA_U
ClientSampleId :
F5B76ME

Tgt Ion: 43	Resp: 11234
Ion Ratio	Lower Upper
43 100	
58 35.5	42.6 64.0#
57 29.6	15.0 22.6#
100 0.0	7.9 11.9#



#60
1,2,3-Trichloropropane
Concen: 5.197 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU049791.D
Acq: 19 Jul 2022 17:38

Tgt Ion: 75	Resp: 5927
Ion Ratio	Lower Upper
75 100	
77 37.1	25.5 38.3
110 2.0	28.9 43.3#

