

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072022\
 Data File : VU049805.D
 Acq On : 20 Jul 2022 16:03
 Operator : SY/MD
 Sample : N3709-02ME
 Misc : 6.29g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0B18ME

Quant Time: Jul 21 04:24:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 21 04:19:56 2022
 Response via : Initial Calibration

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

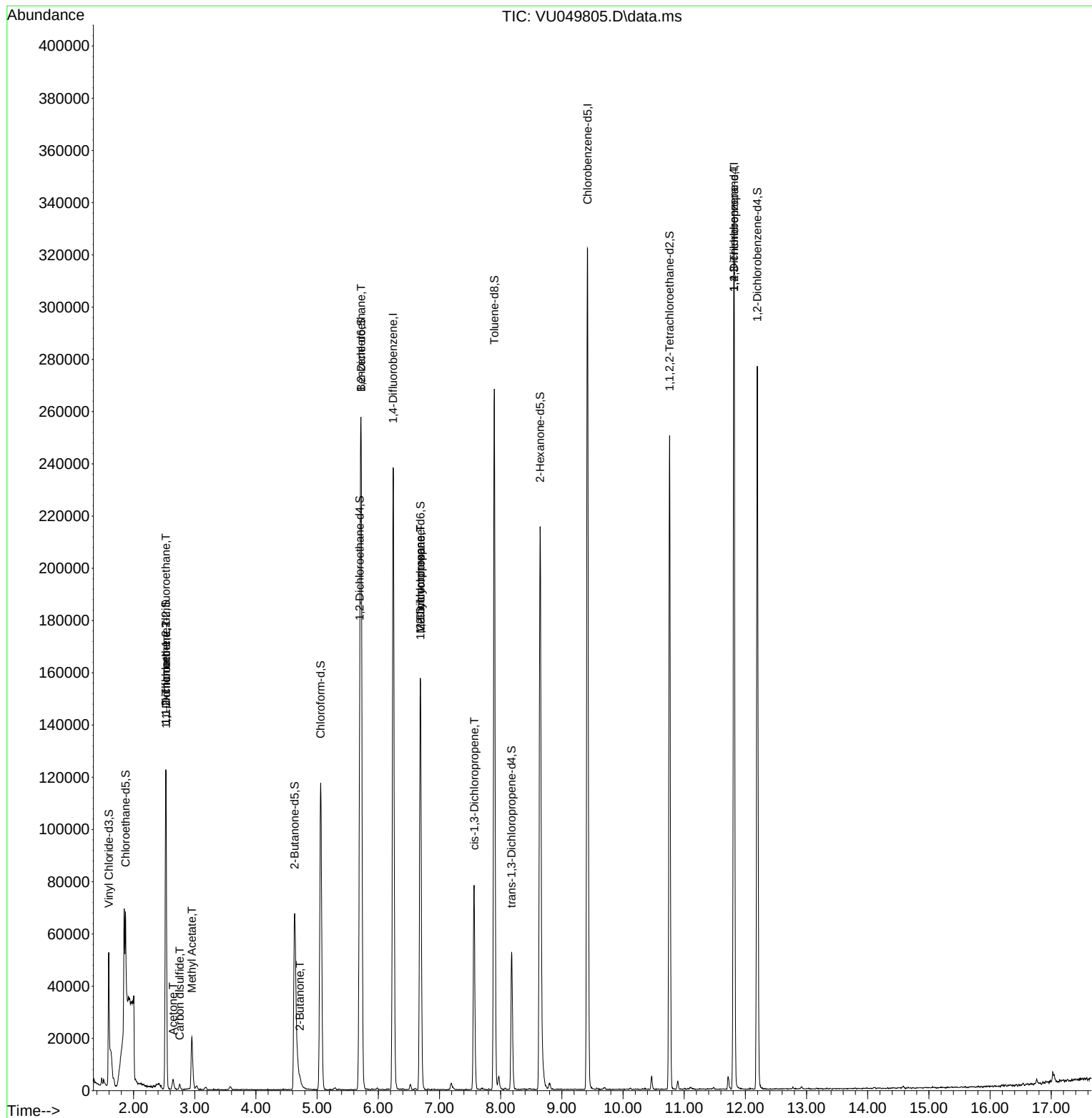
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	183036	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	178907	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	83508	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	42157	27.297	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	54.600%#		
7) Chloroethane-d5	1.867	69	29310	26.256	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	52.520%#		
11) 1,1-Dichloroethene-d2	2.526	63	74916	27.463	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.920%#		
21) 2-Butanone-d5	4.633	46	125002	94.816	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.820%		
24) Chloroform-d	5.057	84	111177	40.645	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.300%		
26) 1,2-Dichloroethane-d4	5.697	65	81039	43.775	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.560%		
32) Benzene-d6	5.719	84	210544	38.737	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.480%		
36) 1,2-Dichloropropane-d6	6.687	67	75962	41.551	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.100%		
41) Toluene-d8	7.896	98	171002	36.128	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	72.260%#		
43) trans-1,3-Dichloroprop...	8.179	79	30250	39.273	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.540%		
47) 2-Hexanone-d5	8.645	63	78907	95.953	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.950%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	119120	46.568	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.140%		
66) 1,2-Dichlorobenzene-d4	12.195	152	67963	43.165	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.320%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.526	101	577	0.409	ug/L #	20
12) 1,1-Dichloroethene	2.530	96	468	0.358	ug/L #	1
13) Acetone	2.645	43	4354	3.475	ug/L	94
14) Carbon disulfide	2.755	76	2451	0.555	ug/L	98
15) Methyl Acetate	2.951	43	26491	13.014	ug/L	99
22) 2-Butanone	4.716	43	3117	1.858	ug/L #	61
27) 1,2-Dichloroethane	5.719	62	1278	0.502	ug/L #	76
35) Methylcyclohexane	6.687	83	16360	6.405	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	8524	4.573	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	2095	0.833	ug/L #	69
60) 1,2,3-Trichloropropane	11.815	75	11215	5.042	ug/L #	67

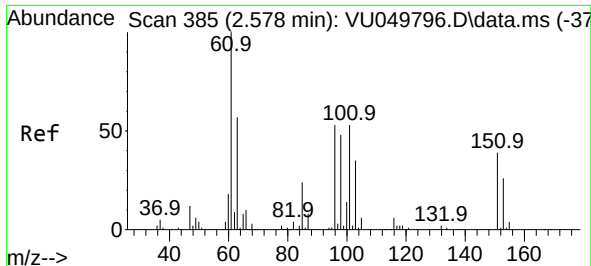
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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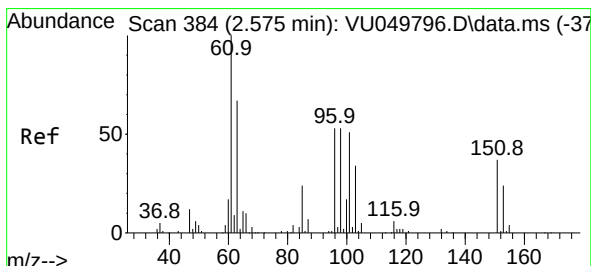
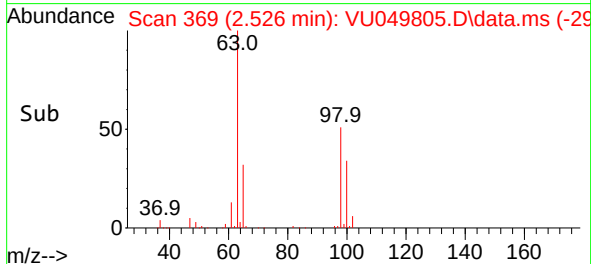
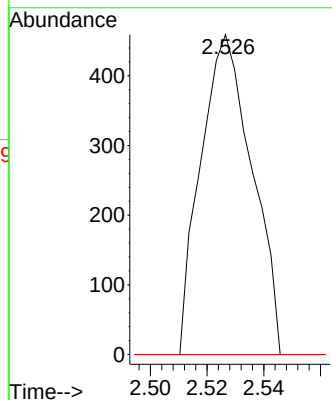
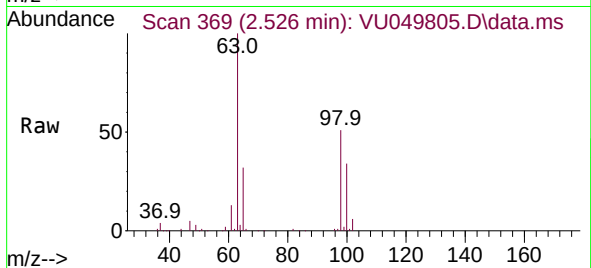




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.409 ug/L
RT: 2.526 min Scan# 30
Delta R.T. -0.051 min
Lab File: VU049805.D
Acq: 20 Jul 2022 16:03

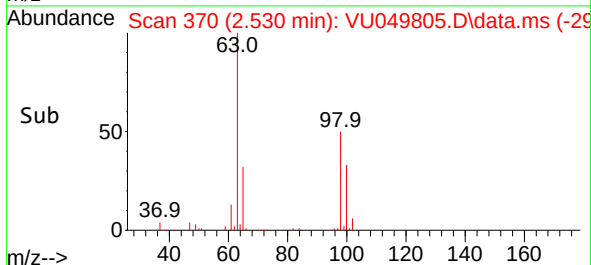
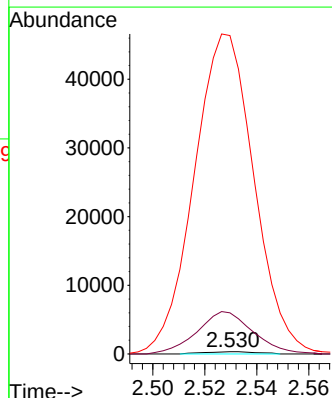
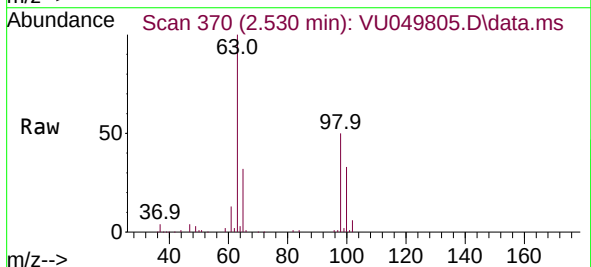
Instrument :
MSVOA_U
ClientSampleId :
H0B18ME

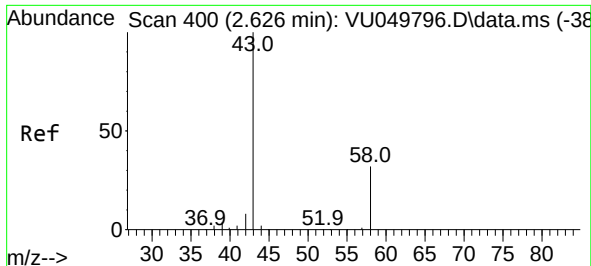
Tgt Ion:101 Resp: 577
Ion Ratio Lower Upper
101 100
85 0.0 37.3 55.9#
151 0.0 56.9 85.3#



#12
1,1-Dichloroethene
Concen: 0.358 ug/L
RT: 2.530 min Scan# 370
Delta R.T. -0.045 min
Lab File: VU049805.D
Acq: 20 Jul 2022 16:03

Tgt Ion: 96 Resp: 468
Ion Ratio Lower Upper
96 100
61 1813.0 129.6 240.6#
63 14006.0 79.0 146.6#





#13

Acetone

Concen: 3.475 ug/L

RT: 2.645 min Scan# 400

Delta R.T. 0.019 min

Lab File: VU049805.D

Acq: 20 Jul 2022 16:03

Instrument :

MSVOA_U

ClientSampleId :

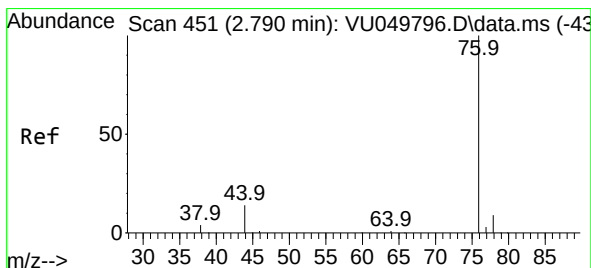
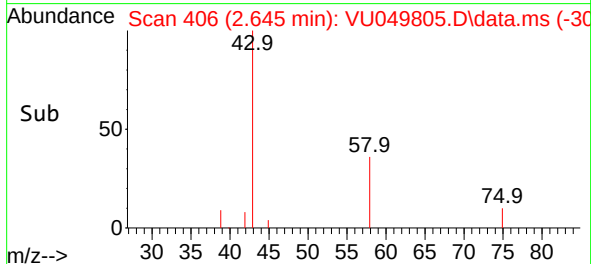
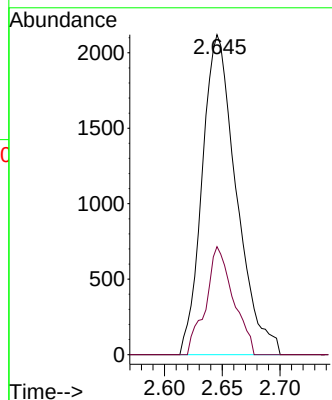
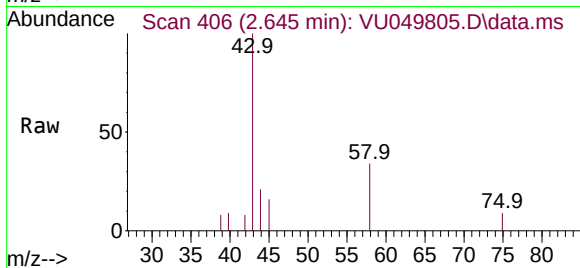
H0B18ME

Tgt Ion: 43 Resp: 4354

Ion Ratio Lower Upper

43 100

58 27.1 0.0 61.4



#14

Carbon disulfide

Concen: 0.555 ug/L

RT: 2.755 min Scan# 440

Delta R.T. -0.035 min

Lab File: VU049805.D

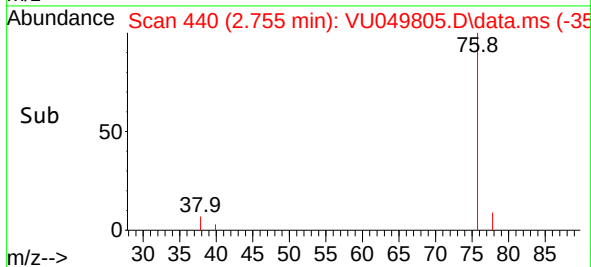
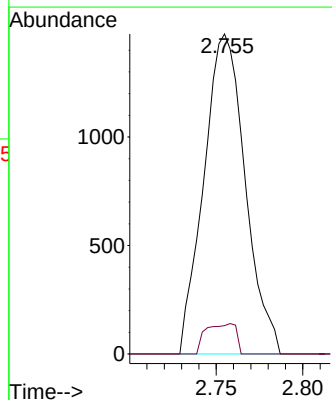
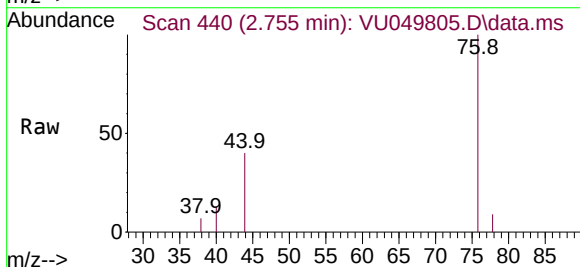
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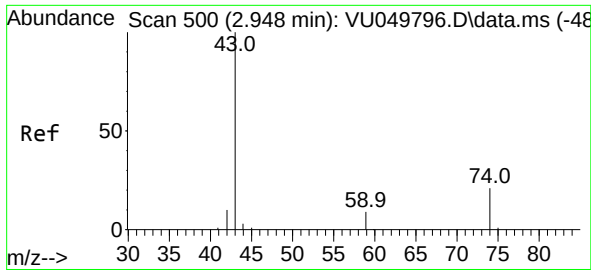
Tgt Ion: 76 Resp: 2451

Ion Ratio Lower Upper

76 100

78 8.9 7.6 11.4

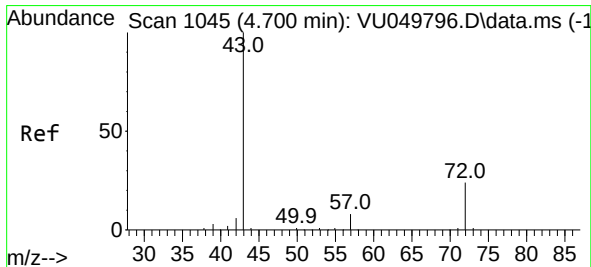
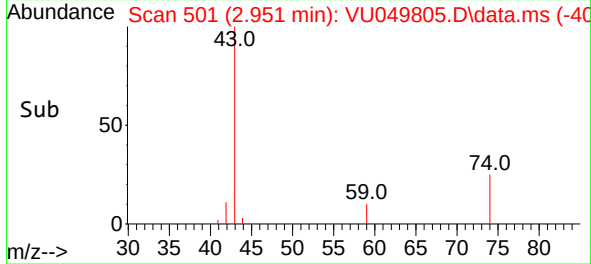
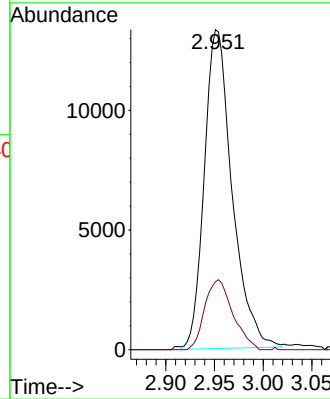
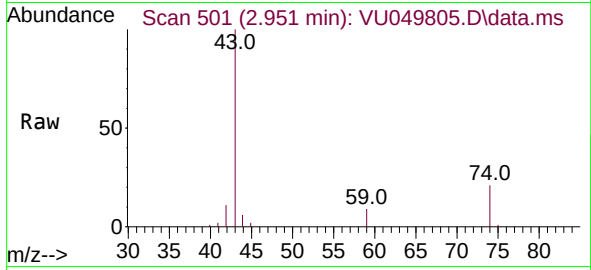




#15
Methyl Acetate
Concen: 13.014 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU049805.D
Acq: 20 Jul 2022 16:03

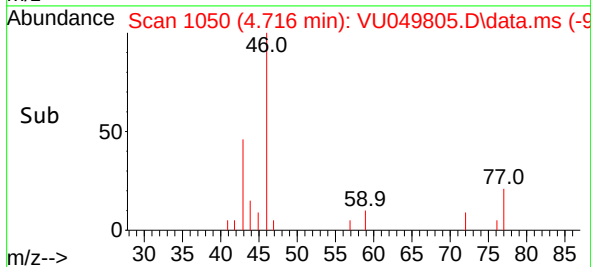
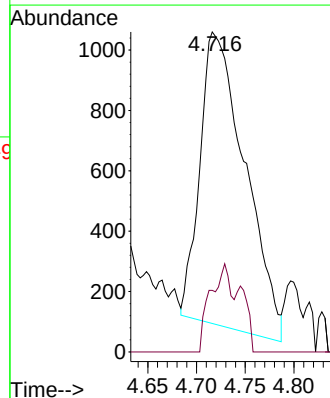
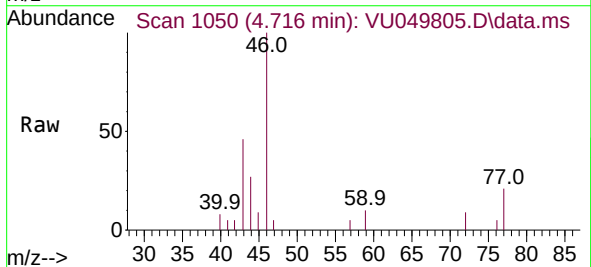
Instrument :
MSVOA_U
ClientSampleId :
H0B18ME

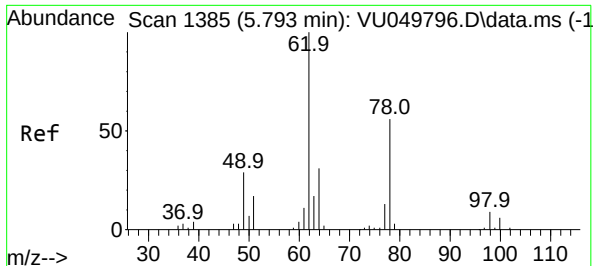
Tgt Ion: 43 Resp: 26491
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.0



#22
2-Butanone
Concen: 1.858 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.016 min
Lab File: VU049805.D
Acq: 20 Jul 2022 16:03

Tgt Ion: 43 Resp: 3117
Ion Ratio Lower Upper
43 100
72 5.5 12.7 38.0#

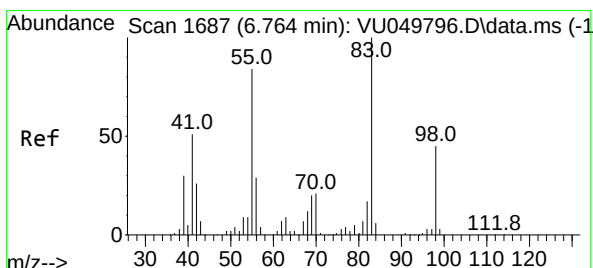
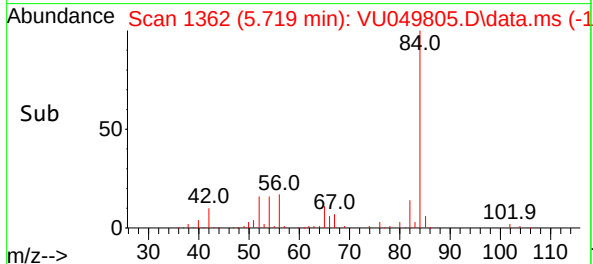
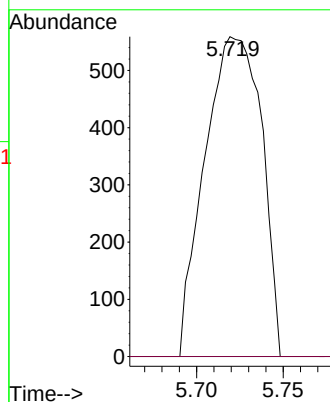
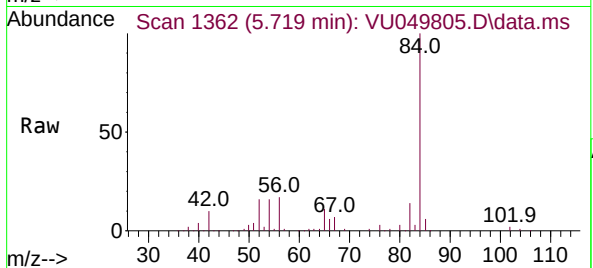




#27
1,2-Dichloroethane
Concen: 0.502 ug/L
RT: 5.719 min Scan# 11
Delta R.T. -0.074 min
Lab File: VU049805.D
Acq: 20 Jul 2022 16:03

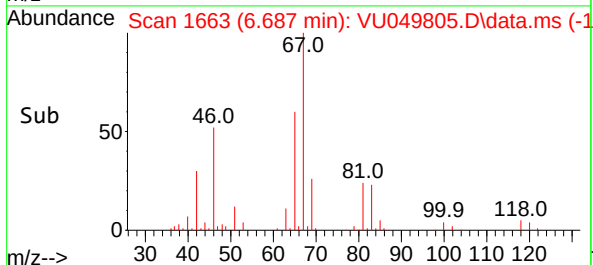
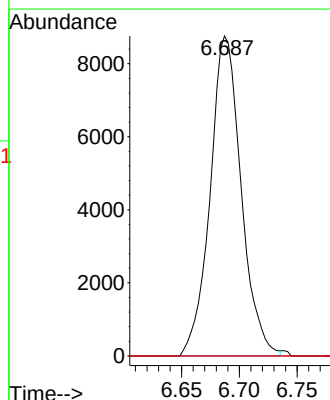
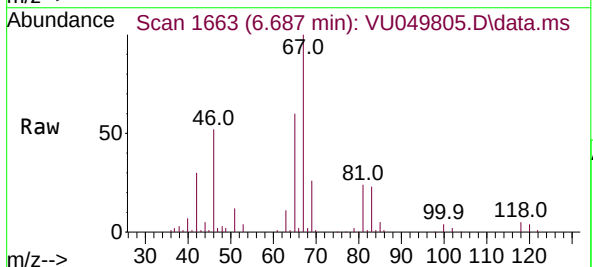
Instrument :
MSVOA_U
ClientSampleId :
H0B18ME

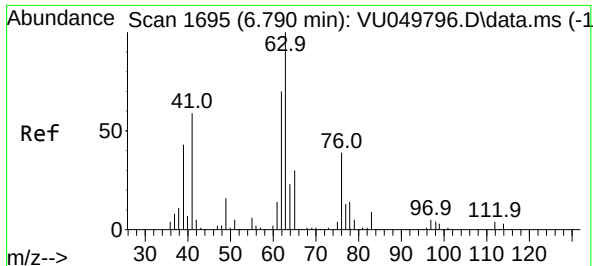
Tgt Ion: 62 Resp: 1278
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#



#35
Methylcyclohexane
Concen: 6.405 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.077 min
Lab File: VU049805.D
Acq: 20 Jul 2022 16:03

Tgt Ion: 83 Resp: 16360
Ion Ratio Lower Upper
83 100
55 0.0 66.0 99.0#
98 0.0 34.6 51.8#





#37

1,2-Dichloropropane

Concen: 4.573 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049805.D

Acq: 20 Jul 2022 16:03

Instrument :

MSVOA_U

ClientSampleId :

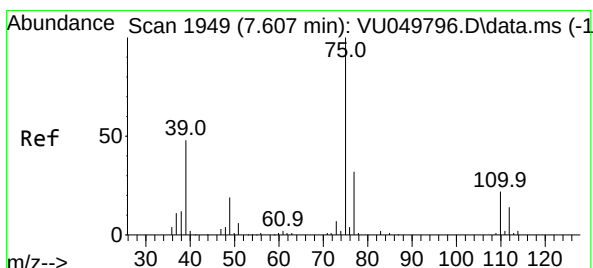
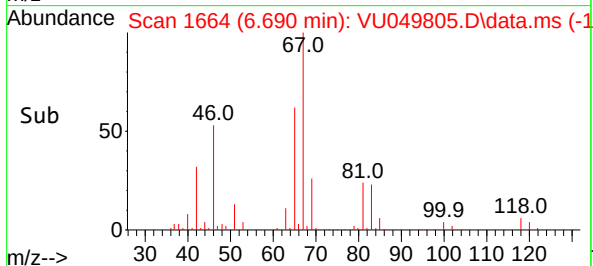
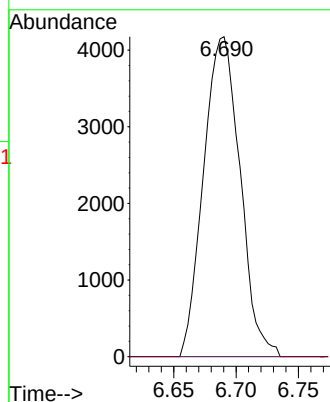
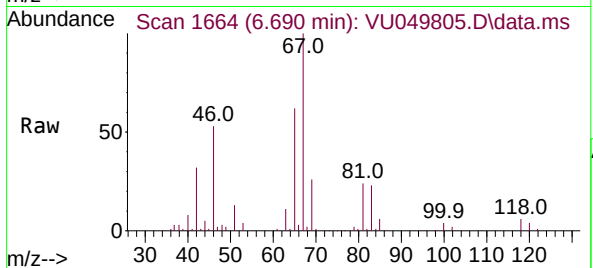
H0B18ME

Tgt Ion: 63 Resp: 8524

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.833 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU049805.D

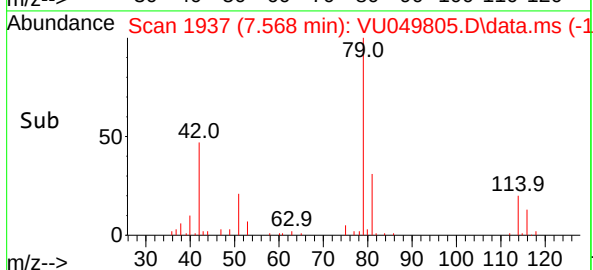
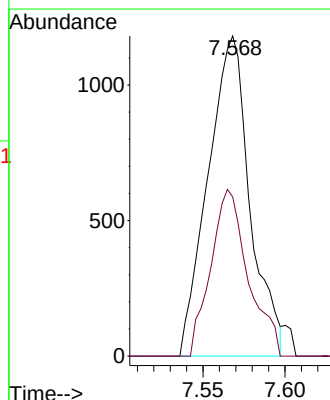
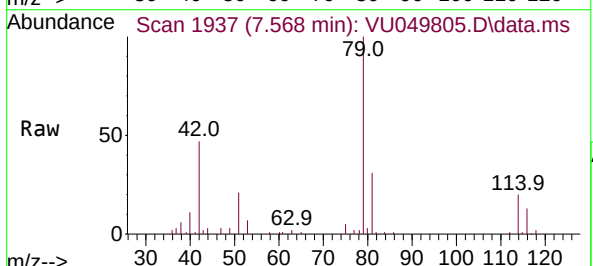
Acq: 20 Jul 2022 16:03

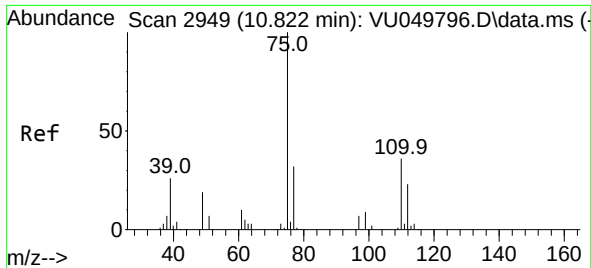
Tgt Ion: 75 Resp: 2095

Ion Ratio Lower Upper

75 100

77 49.7 22.6 42.0#





#60
 1,2,3-Trichloropropane
 Concen: 5.042 ug/L
 RT: 11.815 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU049805.D
 Acq: 20 Jul 2022 16:03

Instrument :
 MSVOA_U
 ClientSampleId :
 H0B18ME

Tgt Ion: 75 Resp: 11215
 Ion Ratio Lower Upper
 75 100
 77 34.9 25.5 38.3
 110 2.0 28.9 43.3#

