

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U071522\
 Data File : U049731.D
 Acq On : 15 Jul 2022 12:55
 Operator : SY/MD
 Sample : N3679-04ME
 Misc : 5.54g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5B44ME

Quant Time: Jul 15 23:05:39 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)

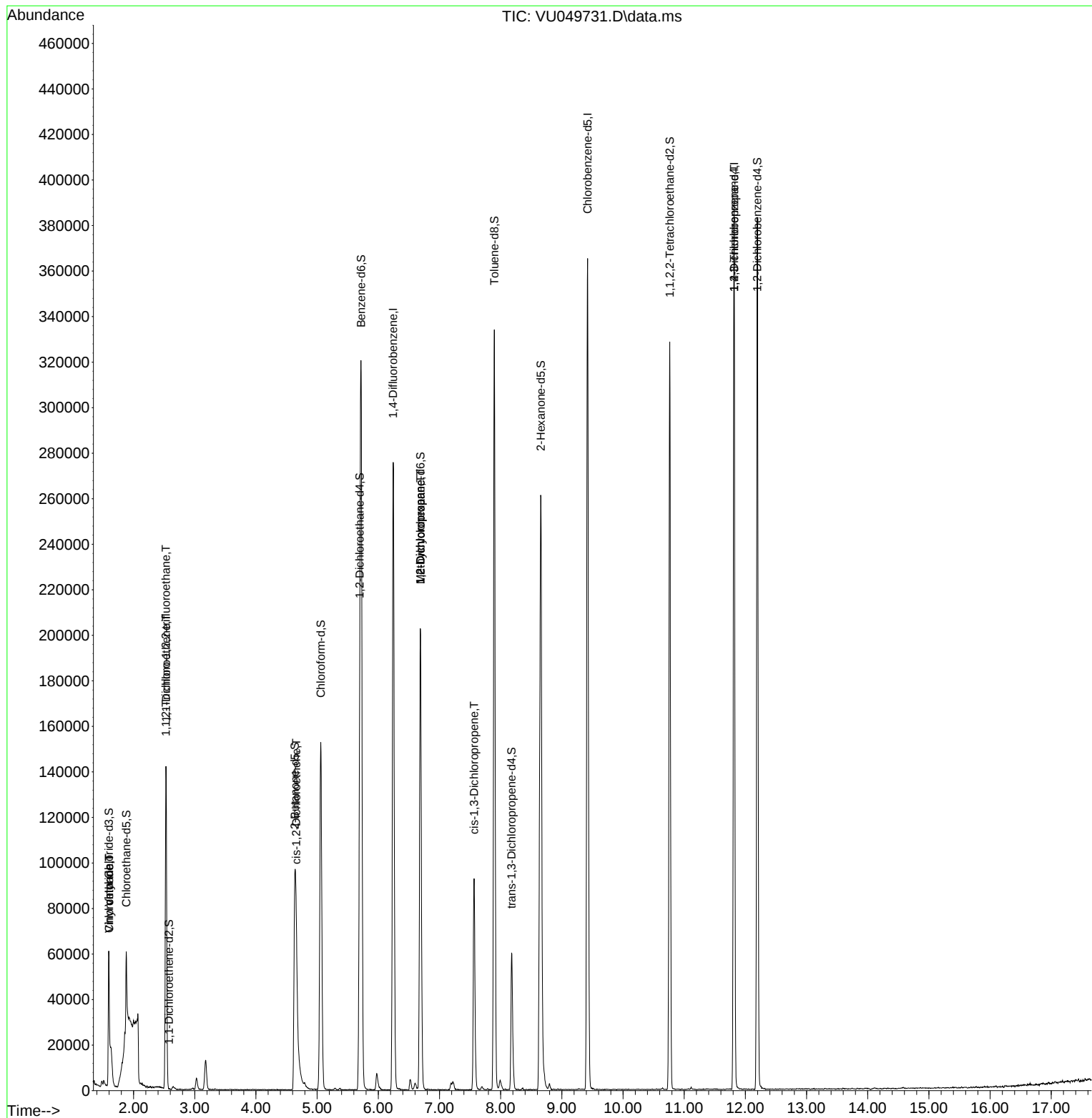
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	220422	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	207963	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	95524	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	61752	33.204	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.400%
7) Chloroethane-d5	1.880	69	30699	22.836	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.680%#
11) 1,1-Dichloroethene-d2	2.578	63	62	0.019	ug/L	0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.040%#
21) 2-Butanone-d5	4.636	46	179817	113.260	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.260%
24) Chloroform-d	5.060	84	147249	44.702	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.697	65	103467	46.411	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.820%
32) Benzene-d6	5.719	84	262801	41.596	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.687	67	99232	46.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.400%
41) Toluene-d8	7.896	98	219294	39.858	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.720%#
43) trans-1,3-Dichloroprop...	8.179	79	37609	42.005	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.020%
47) 2-Hexanone-d5	8.655	63	112204	117.380	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.380%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	161364	54.269	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.540%
66) 1,2-Dichlorobenzene-d4	12.195	152	91535	50.823	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.640%
Target Compounds						Qvalue
5) Vinyl chloride	1.600	62	7755	2.960	ug/L	86
8) Chloroethane	1.600	64	3385	2.332	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.526	101	688	0.405	ug/L #	20
12) 1,1-Dichloroethene	2.530	96	650	0.412	ug/L #	1
20) cis-1,2-Dichloroethene	4.658	96	12870	6.642	ug/L	94
35) Methylcyclohexane	6.687	83	22652	7.629	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	10867	5.016	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2747	0.940	ug/L #	55
60) 1,2,3-Trichloropropane	11.815	75	13665	5.371	ug/L #	67

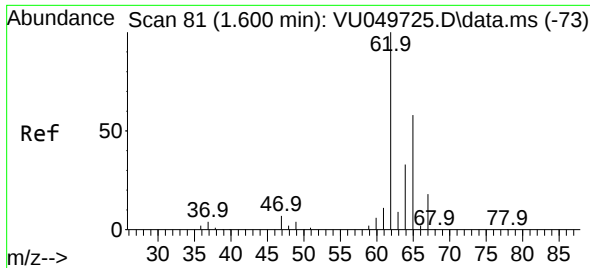
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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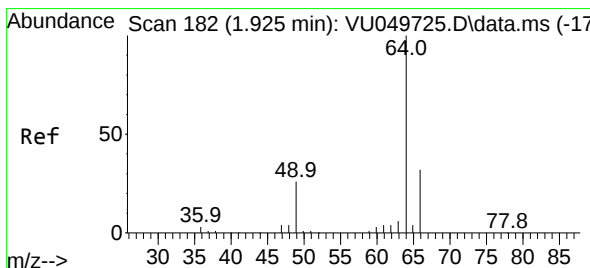
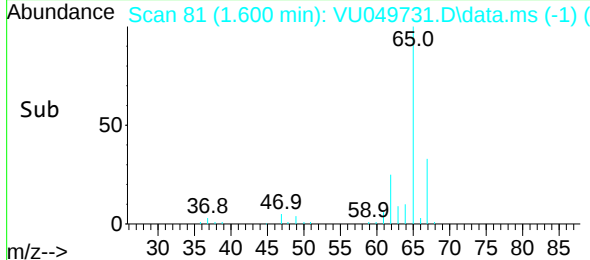
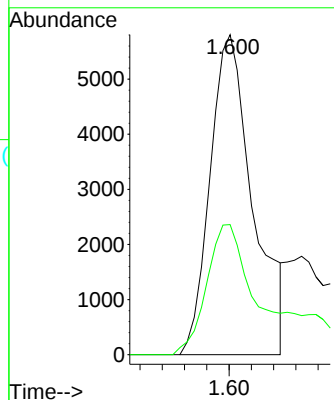
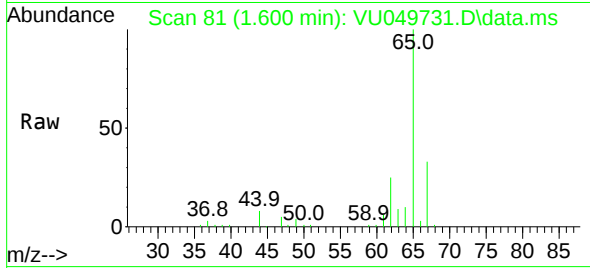




#5
 Vinyl chloride
 Concen: 2.960 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049731.D
 Acq: 15 Jul 2022 12:55

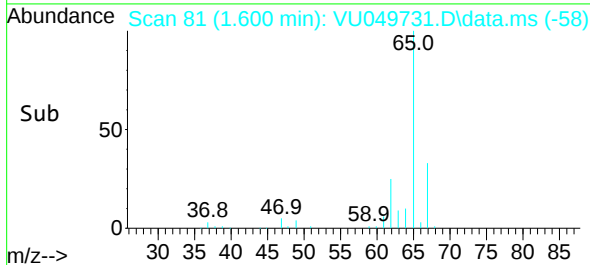
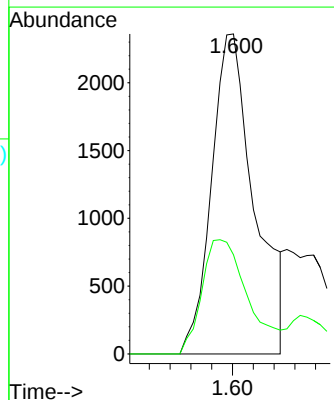
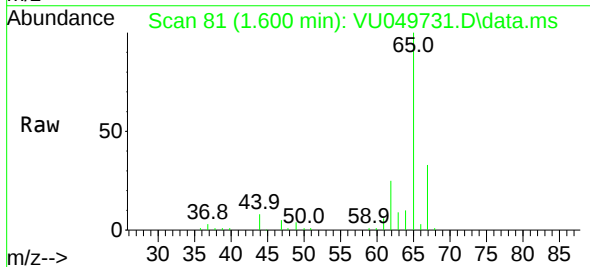
Instrument :
 MSVOA_U
 ClientSampleId :
 F5B44ME

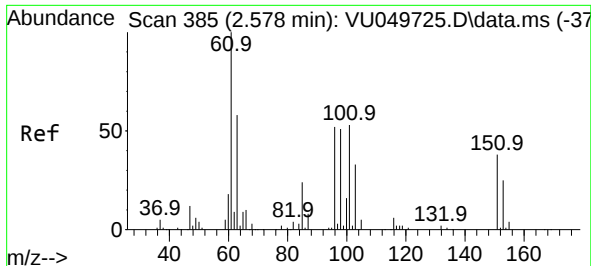
Tgt Ion: 62 Resp: 7755
 Ion Ratio Lower Upper
 62 100
 64 40.6 23.0 42.6



#8
 Chloroethane
 Concen: 2.332 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.325 min
 Lab File: VU049731.D
 Acq: 15 Jul 2022 12:55

Tgt Ion: 64 Resp: 3385
 Ion Ratio Lower Upper
 64 100
 66 31.0 22.1 41.1

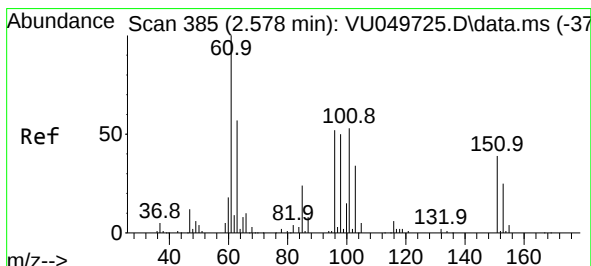
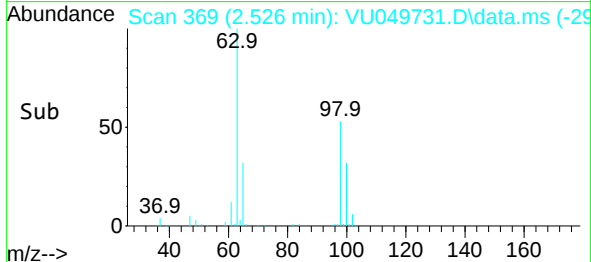
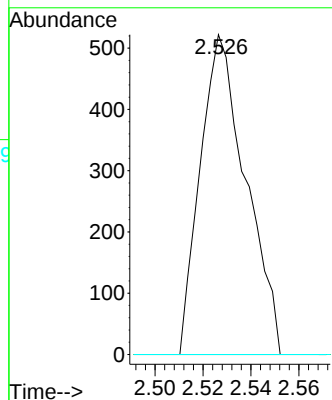
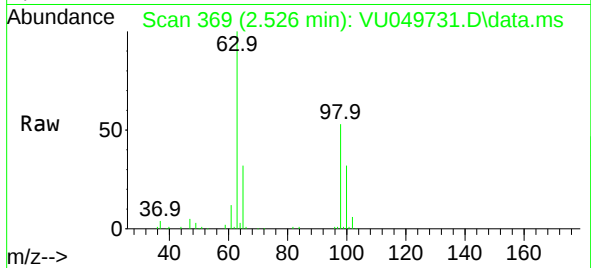




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.405 ug/L
 RT: 2.526 min Scan# 30
 Delta R.T. -0.051 min
 Lab File: VU049731.D
 Acq: 15 Jul 2022 12:55

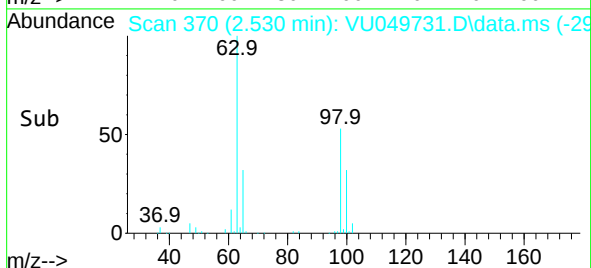
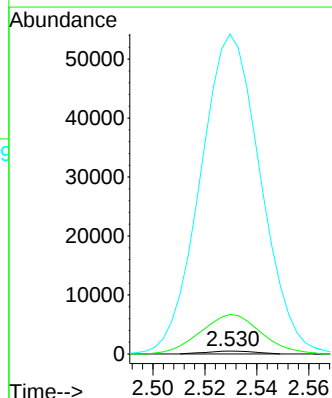
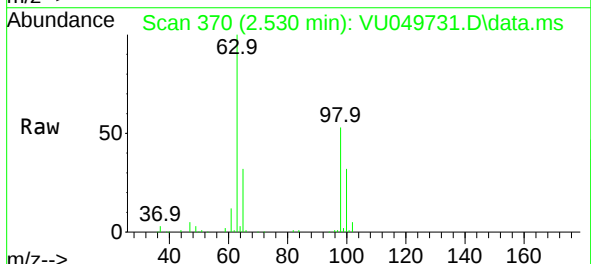
Instrument :
 MSVOA_U
 ClientSampleId :
 F5B44ME

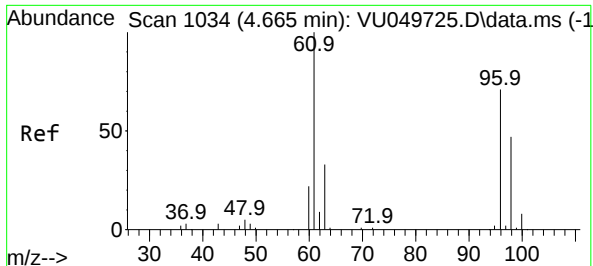
Tgt Ion:101 Resp: 688
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 0.412 ug/L
 RT: 2.530 min Scan# 370
 Delta R.T. -0.048 min
 Lab File: VU049731.D
 Acq: 15 Jul 2022 12:55

Tgt Ion: 96 Resp: 650
 Ion Ratio Lower Upper
 96 100
 61 1361.9 129.6 240.6#
 63 11006.9 79.0 146.6#





#20

cis-1,2-Dichloroethene

Concen: 6.642 ug/L

RT: 4.658 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VU049731.D

Acq: 15 Jul 2022 12:55

Instrument :

MSVOA_U

ClientSampleId :

F5B44ME

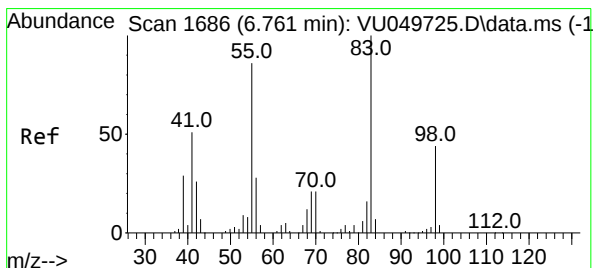
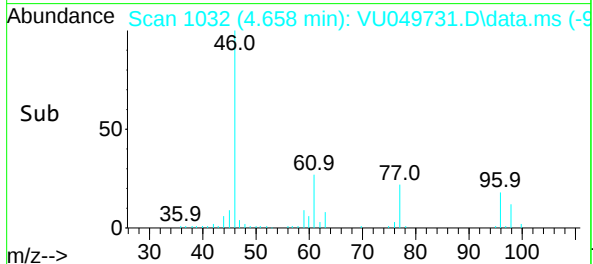
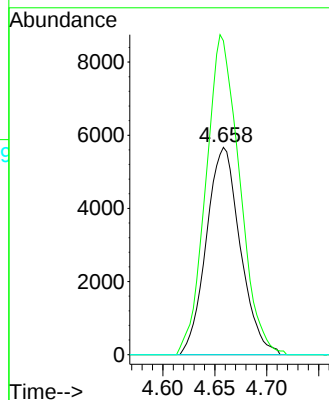
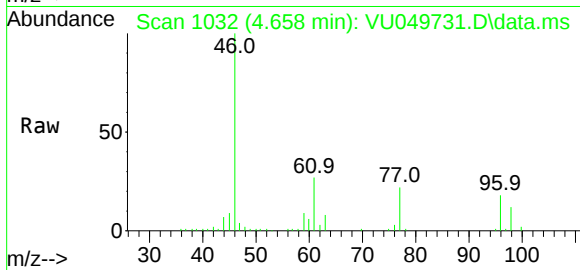
Tgt Ion: 96 Resp: 12870

Ion Ratio Lower Upper

96 100

61 151.4 101.1 187.7

68 0.0 0.0 0.0



#35

Methylcyclohexane

Concen: 7.629 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.074 min

Lab File: VU049731.D

Acq: 15 Jul 2022 12:55

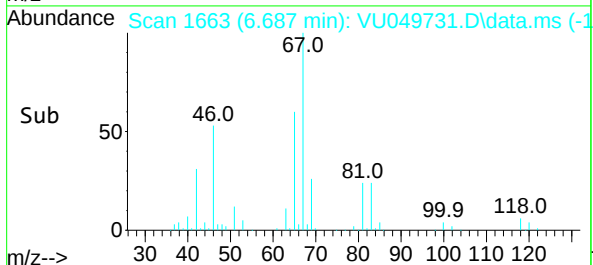
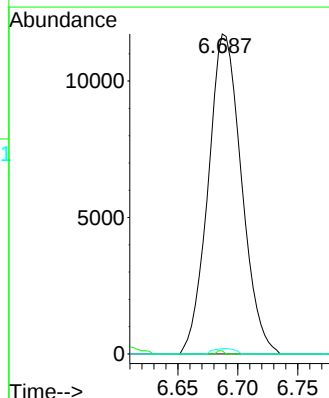
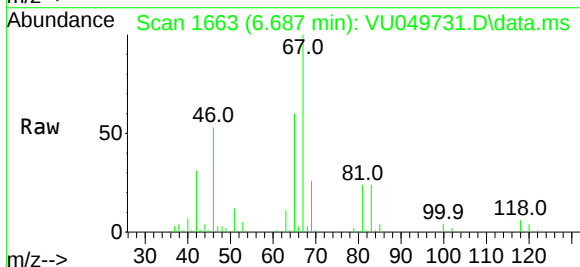
Tgt Ion: 83 Resp: 22652

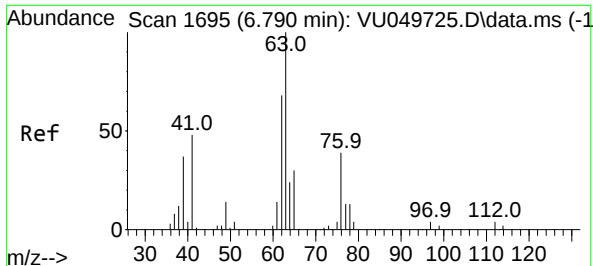
Ion Ratio Lower Upper

83 100

55 0.2 66.0 99.0#

98 1.1 34.6 51.8#





#37

1,2-Dichloropropane

Concen: 5.016 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU049731.D

Acq: 15 Jul 2022 12:55

Instrument :

MSVOA_U

ClientSampleId :

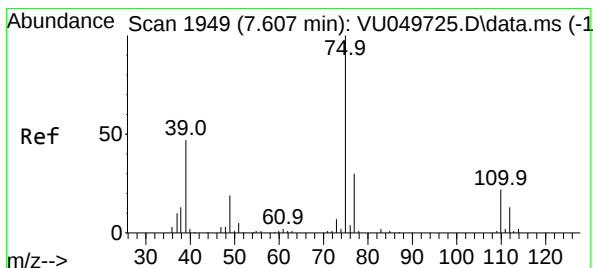
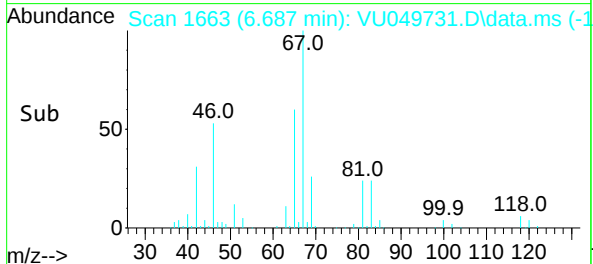
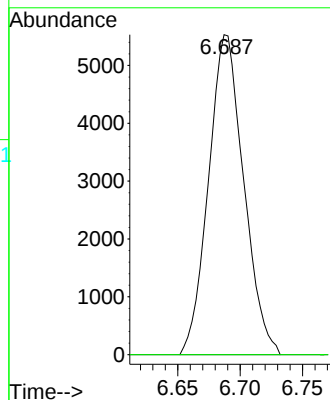
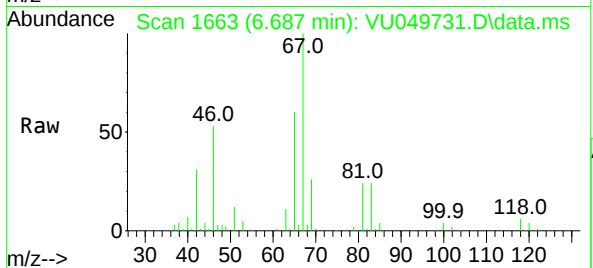
F5B44ME

Tgt Ion: 63 Resp: 10867

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.940 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049731.D

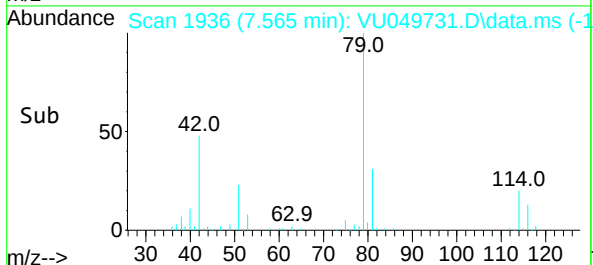
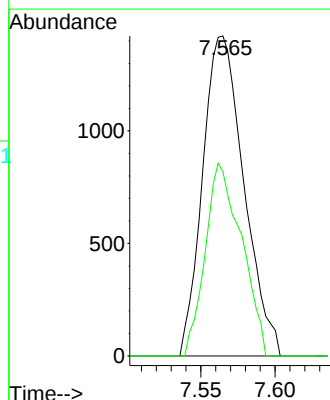
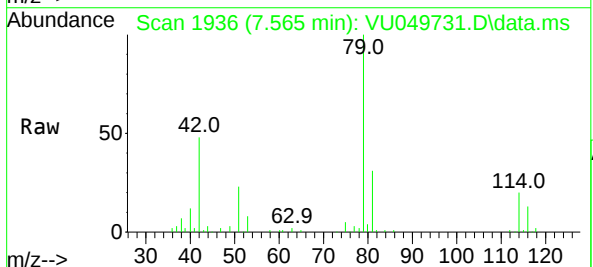
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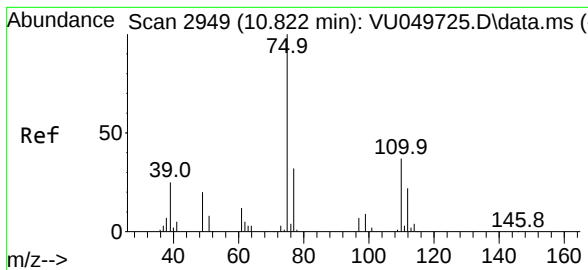
Tgt Ion: 75 Resp: 2747

Ion Ratio Lower Upper

75 100

77 57.6 22.6 42.0#





#60
 1,2,3-Trichloropropane
 Concen: 5.371 ug/L
 RT: 11.815 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU049731.D
 Acq: 15 Jul 2022 12:55

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Tgt Ion: 75 Resp: 13665
 Ion Ratio Lower Upper
 75 100
 77 34.7 25.5 38.3
 110 2.3 28.9 43.3#

