

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071522\
 Data File : VU049739.D
 Acq On : 15 Jul 2022 16:11
 Operator : SY/MD
 Sample : N3679-05ME
 Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5B45ME

Quant Time: Jul 15 23:07:28 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)

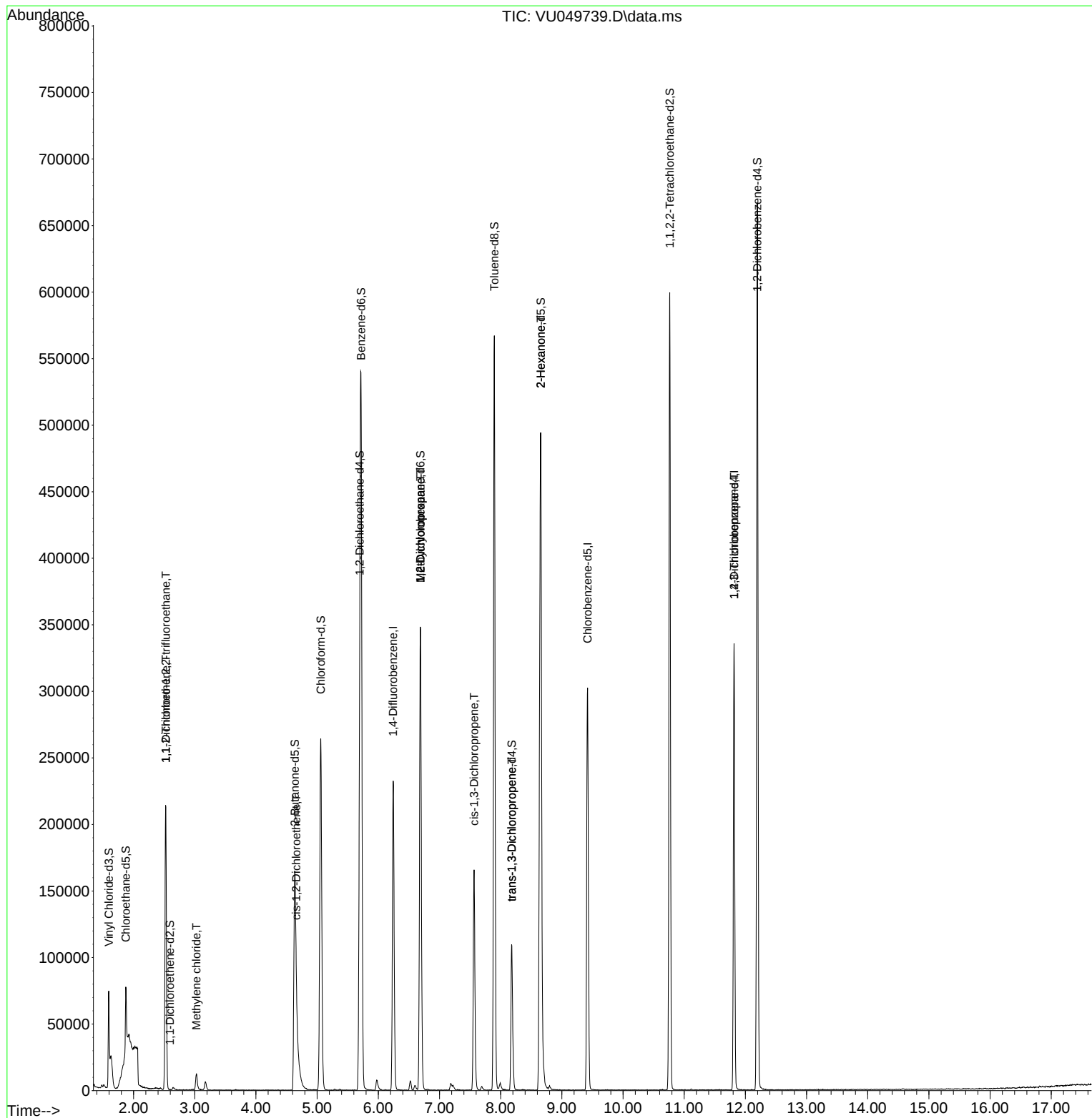
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	182011	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	177526	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	82155	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	61723	40.192	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.380%
7) Chloroethane-d5	1.874	69	43040	38.772	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.540%
11) 1,1-Dichloroethene-d2	2.594	63	76	0.028	ug/L	0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.060%#
21) 2-Butanone-d5	4.636	46	327036	249.458	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	249.460%#
24) Chloroform-d	5.060	84	252507	92.834	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	185.660%#
26) 1,2-Dichloroethane-d4	5.697	65	179318	97.409	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	194.820%#
32) Benzene-d6	5.719	84	434119	80.494	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	160.980%#
36) 1,2-Dichloropropane-d6	6.687	67	171389	94.479	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	188.960%#
41) Toluene-d8	7.896	98	362704	77.226	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	154.460%#
43) trans-1,3-Dichloroprop...	8.182	79	67874	88.806	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	177.620%#
47) 2-Hexanone-d5	8.655	63	214796	263.230	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	263.230%#
56) 1,1,2,2-Tetrachloroeth...	10.764	84	300186	118.266	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	236.540%#
66) 1,2-Dichlorobenzene-d4	12.195	152	160017	103.304	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	206.600%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.526	101	967	0.690	ug/L #	20
12) 1,1-Dichloroethene	2.526	96	911	0.700	ug/L #	1
16) Methylene chloride	3.025	84	5793	3.535	ug/L	98
20) cis-1,2-Dichloroethene	4.658	96	1219	0.762	ug/L	100
35) Methylcyclohexane	6.687	83	38529	15.201	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	18850	10.192	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	4798	1.923	ug/L	84
44) trans-1,3-Dichloropropene	8.182	75	3149	1.344	ug/L	89
48) 2-Hexanone	8.655	43	31783	13.283	ug/L #	75
60) 1,2,3-Trichloropropane	11.815	75	10907	4.984	ug/L #	64

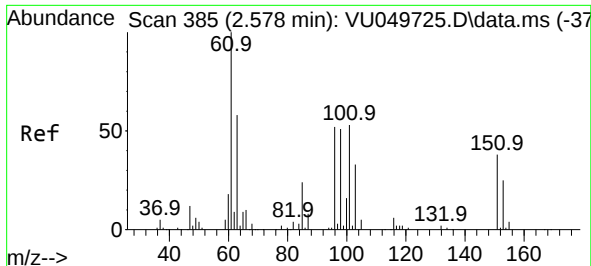
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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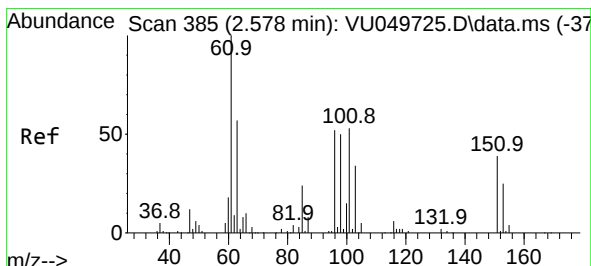
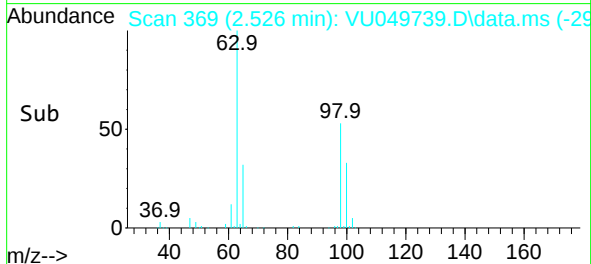
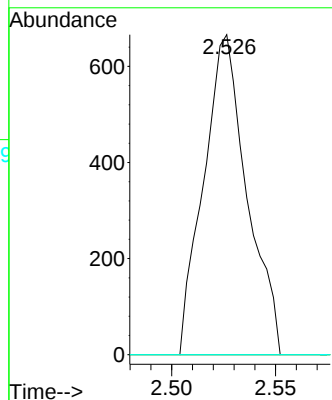
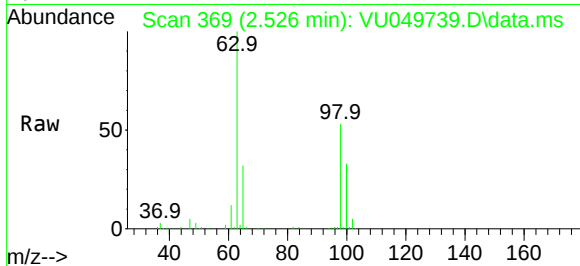




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.690 ug/L
 RT: 2.526 min Scan# 369
 Delta R.T. -0.051 min
 Lab File: VU049739.D
 Acq: 15 Jul 2022 16:11

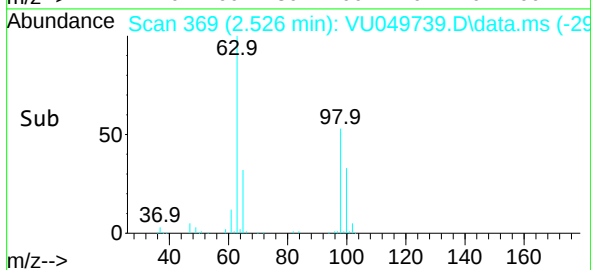
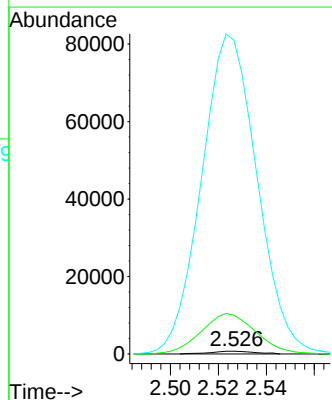
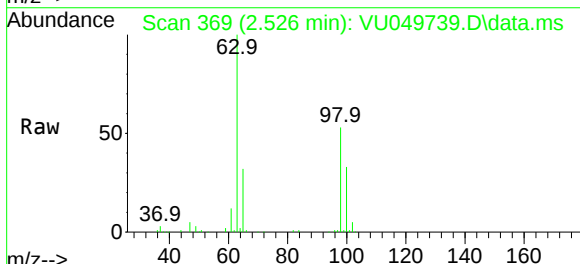
Instrument :
 MSVOA_U
 ClientSampleId :
 F5B45ME

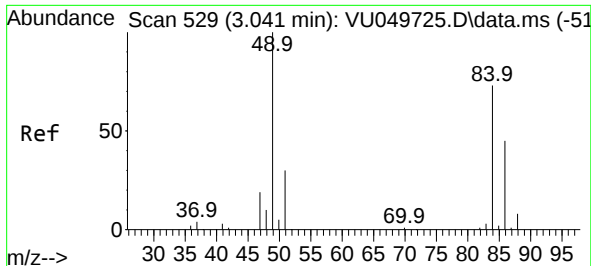
Tgt Ion:101 Resp: 967
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 0.700 ug/L
 RT: 2.526 min Scan# 369
 Delta R.T. -0.051 min
 Lab File: VU049739.D
 Acq: 15 Jul 2022 16:11

Tgt Ion: 96 Resp: 911
 Ion Ratio Lower Upper
 96 100
 61 1396.1 129.6 240.6#
 63 11311.7 79.0 146.6#

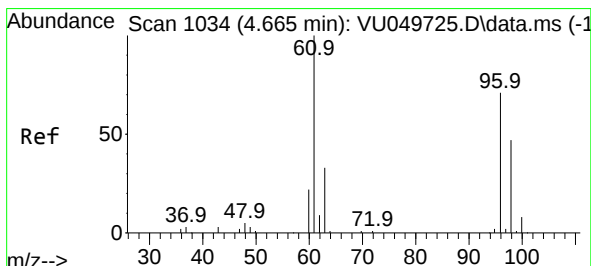
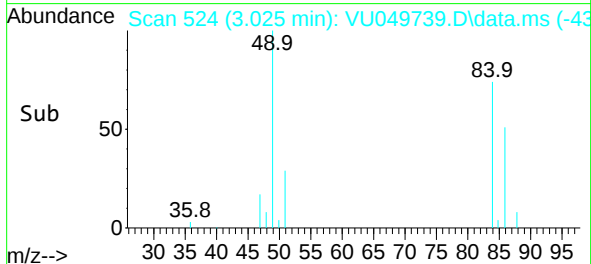
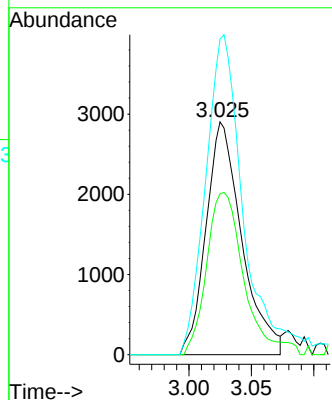
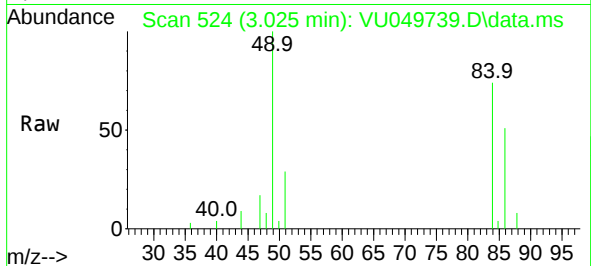




#16
Methylene chloride
Concen: 3.535 ug/L
RT: 3.025 min Scan# 51
Delta R.T. -0.016 min
Lab File: VU049739.D
Acq: 15 Jul 2022 16:11

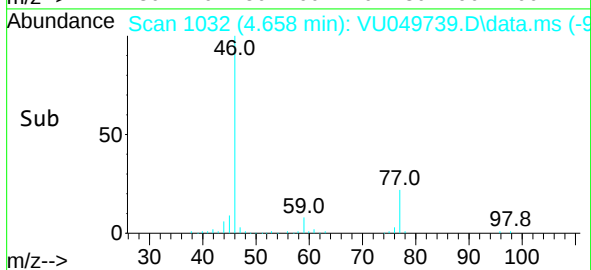
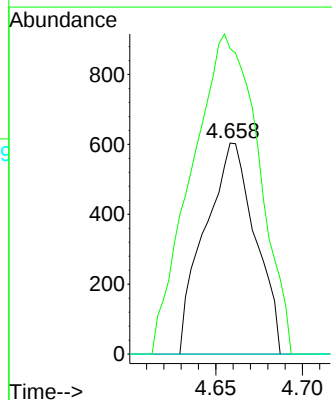
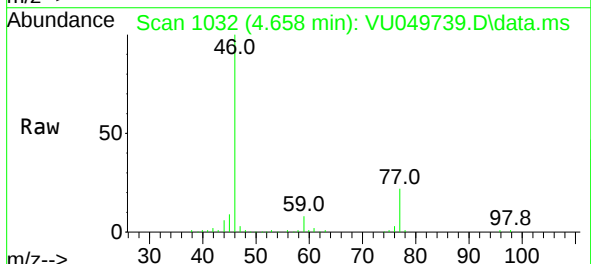
Instrument :
MSVOA_U
ClientSampleId :
F5B45ME

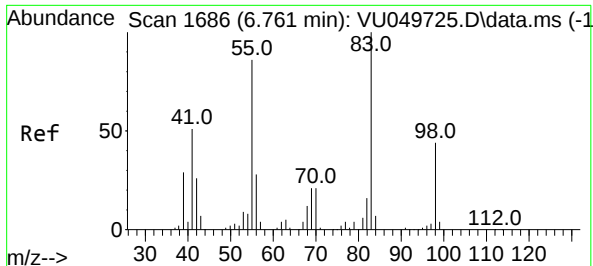
Tgt Ion: 84 Resp: 5793
Ion Ratio Lower Upper
84 100
86 69.0 45.6 84.6
49 135.5 94.4 175.4



#20
cis-1,2-Dichloroethene
Concen: 0.762 ug/L
RT: 4.658 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VU049739.D
Acq: 15 Jul 2022 16:11

Tgt Ion: 96 Resp: 1219
Ion Ratio Lower Upper
96 100
61 144.7 101.1 187.7
68 0.0 0.0 0.0

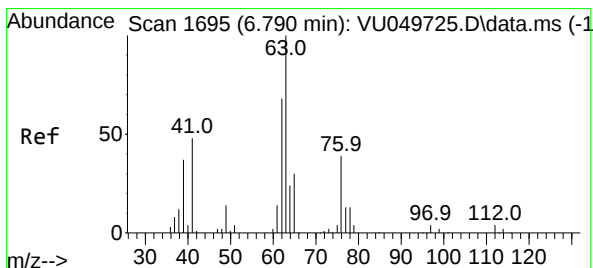
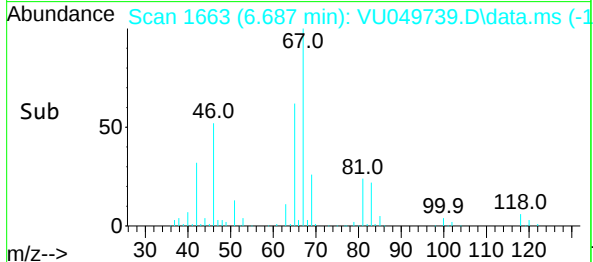
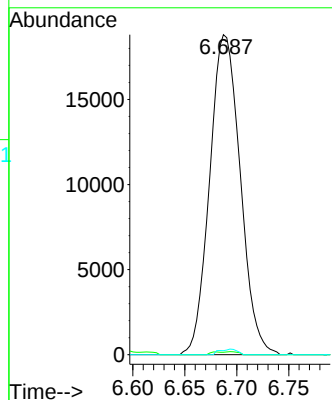
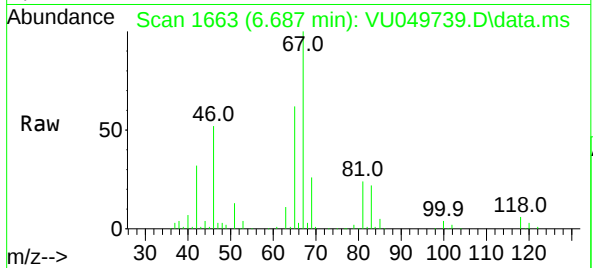




#35
Methylcyclohexane
Concen: 15.201 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU049739.D
Acq: 15 Jul 2022 16:11

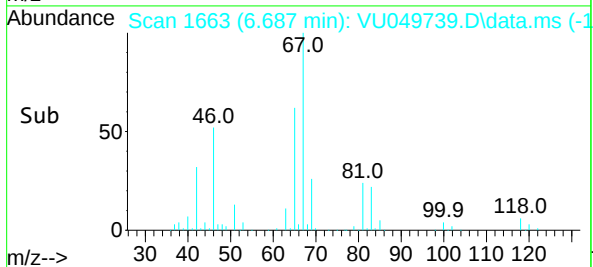
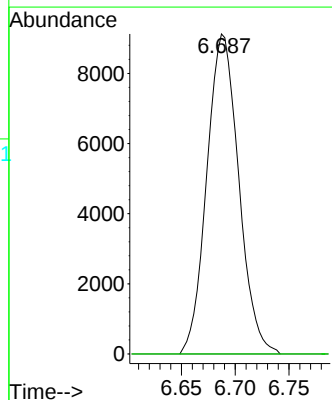
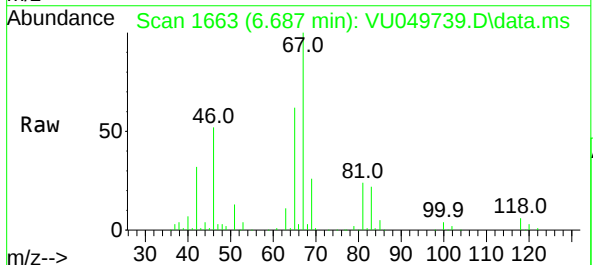
Instrument :
MSVOA_U
ClientSampleId :
F5B45ME

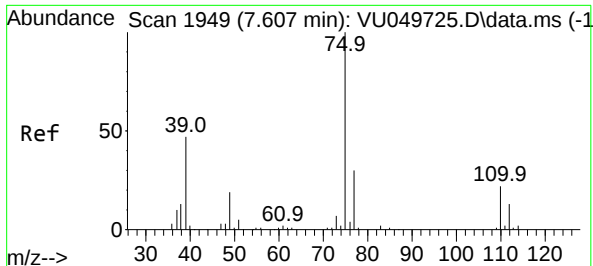
Tgt Ion: 83 Resp: 38529
Ion Ratio Lower Upper
83 100
55 0.3 66.0 99.0#
98 0.4 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 10.192 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU049739.D
Acq: 15 Jul 2022 16:11

Tgt Ion: 63 Resp: 18850
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.923 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049739.D

Acq: 15 Jul 2022 16:11

Instrument :

MSVOA_U

ClientSampleId :

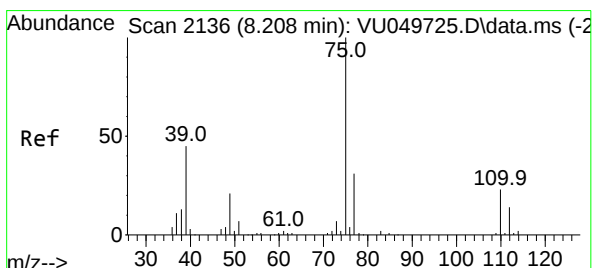
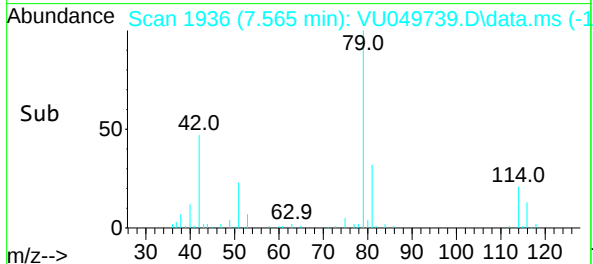
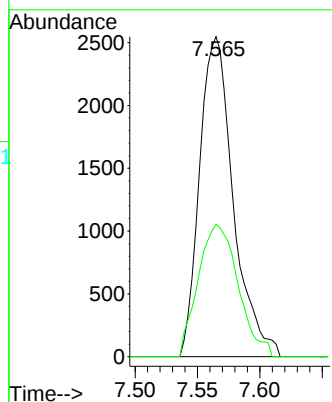
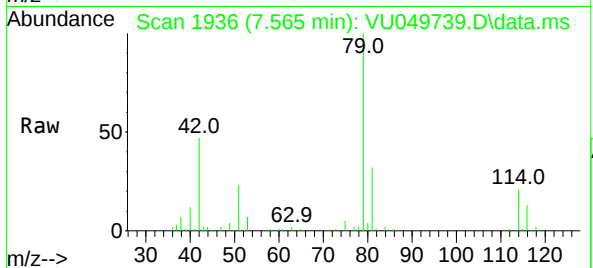
F5B45ME

Tgt Ion: 75 Resp: 4798

Ion Ratio Lower Upper

75 100

77 41.3 22.6 42.0



#44

trans-1,3-Dichloropropene

Concen: 1.344 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.026 min

Lab File: VU049739.D

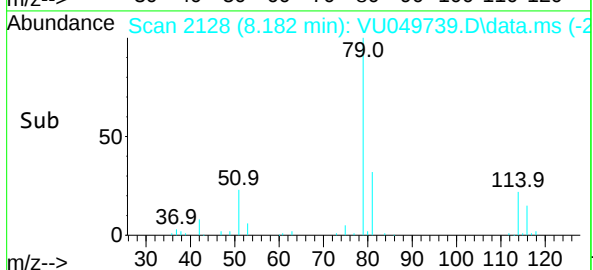
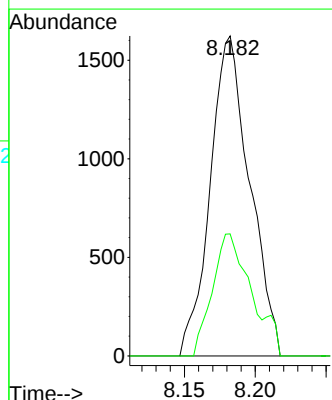
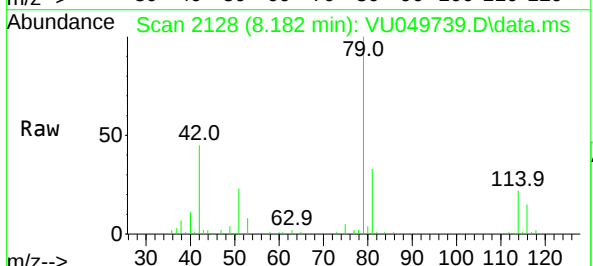
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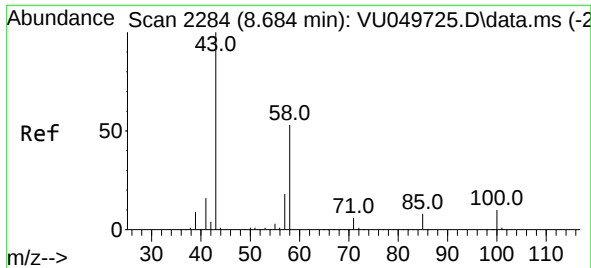
Tgt Ion: 75 Resp: 3149

Ion Ratio Lower Upper

75 100

77 38.1 22.5 41.9

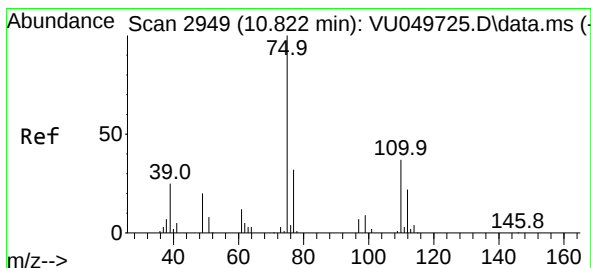
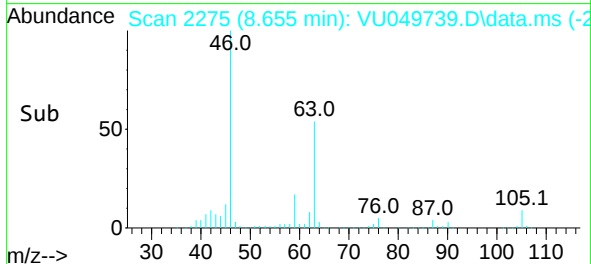
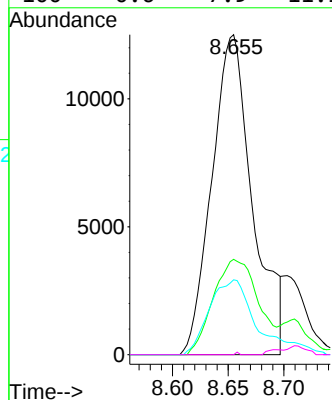
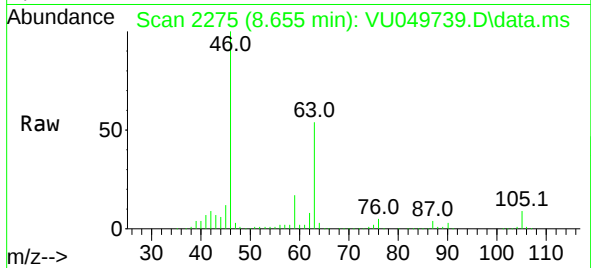




#48
2-Hexanone
Concen: 13.283 ug/L
RT: 8.655 min Scan# 21
Delta R.T. -0.029 min
Lab File: VU049739.D
Acq: 15 Jul 2022 16:11

Instrument :
MSVOA_U
ClientSampleId :
F5B45ME

Tgt Ion: 43	Resp: 31783
Ion Ratio	Lower Upper
43 100	
58 33.1	42.6 64.0#
57 26.0	15.0 22.6#
100 0.6	7.9 11.9#



#60
1,2,3-Trichloropropane
Concen: 4.984 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.994 min
Lab File: VU049739.D
Acq: 15 Jul 2022 16:11

Tgt Ion: 75	Resp: 10907
Ion Ratio	Lower Upper
75 100	
77 36.5	25.5 38.3
110 0.7	28.9 43.3#

