

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071522\
 Data File : VU049743.D
 Acq On : 15 Jul 2022 17:46
 Operator : SY/MD
 Sample : N3698-04ME
 Misc : 5.23g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5B69ME

Quant Time: Jul 15 23:08:24 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)

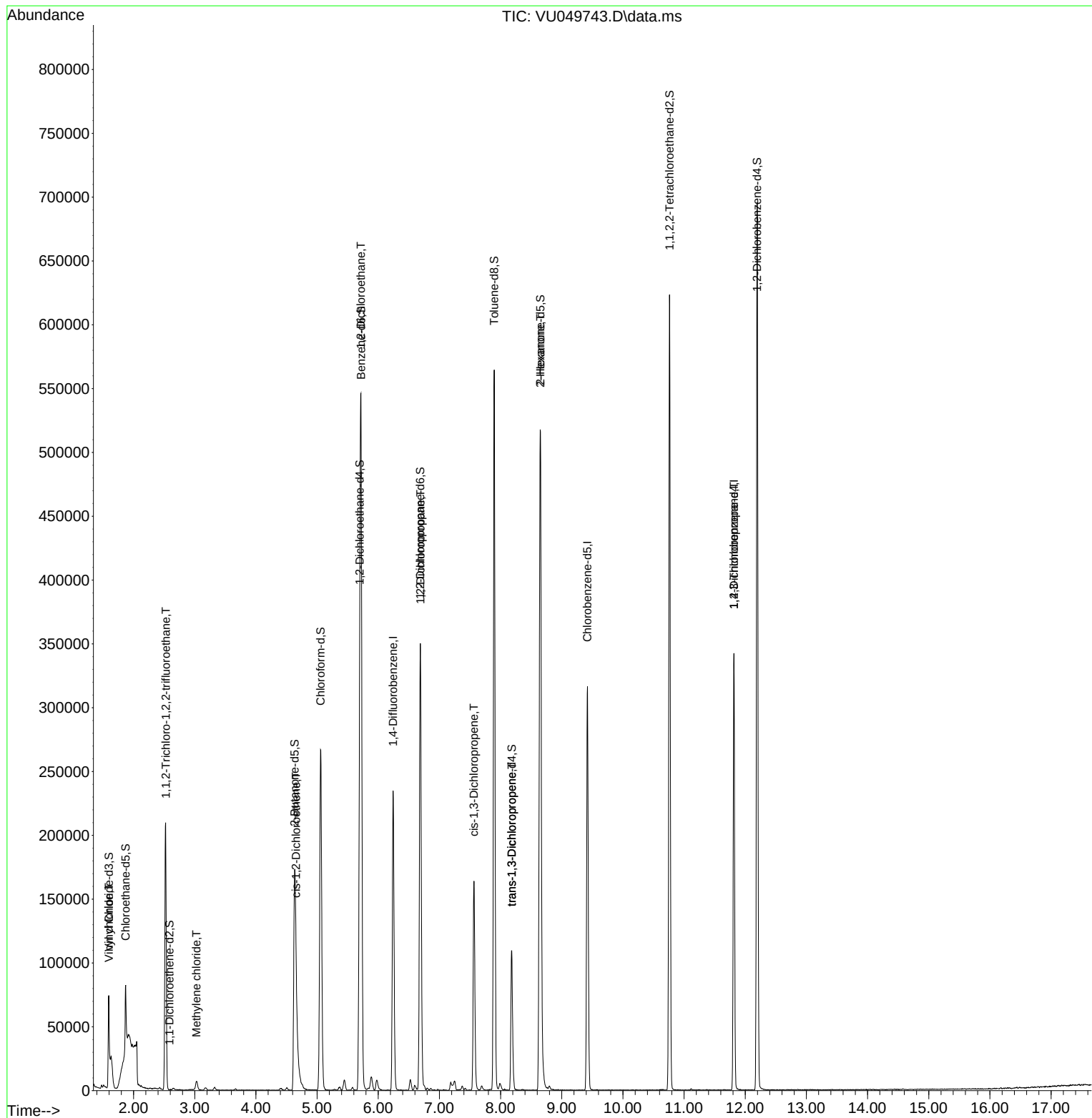
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	182847	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	178294	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	83402	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	62464	40.488	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.980%
7) Chloroethane-d5	1.871	69	40638	36.441	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.880%
11) 1,1-Dichloroethene-d2	2.588	63	42	0.015	ug/L	0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.040%#
21) 2-Butanone-d5	4.632	46	332184	252.227	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	252.230%#
24) Chloroform-d	5.057	84	254641	93.190	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	186.380%#
26) 1,2-Dichloroethane-d4	5.697	65	181182	97.971	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	195.940%#
32) Benzene-d6	5.719	84	435476	80.398	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	160.800%#
36) 1,2-Dichloropropane-d6	6.687	67	170494	93.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	187.160%#
41) Toluene-d8	7.896	98	362365	76.822	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	153.640%#
43) trans-1,3-Dichloroprop...	8.182	79	67276	87.644	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	175.280%#
47) 2-Hexanone-d5	8.648	63	217087	264.891	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	264.890%#
56) 1,1,2,2-Tetrachloroeth...	10.761	84	305528	119.852	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	239.700%#
66) 1,2-Dichlorobenzene-d4	12.195	152	168304	107.030	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	214.060%#
Target Compounds						
5) Vinyl chloride	1.597	62	2730	1.256	ug/L #	65
10) 1,1,2-Trichloro-1,2,2-...	2.526	101	1016	0.721	ug/L #	20
16) Methylene chloride	3.028	84	2479	1.506	ug/L	94
20) cis-1,2-Dichloroethene	4.655	96	5816	3.619	ug/L	88
27) 1,2-Dichloroethane	5.716	62	2756	1.084	ug/L	99
37) 1,2-Dichloropropane	6.690	63	19329	10.406	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	4772	1.905	ug/L #	77
44) trans-1,3-Dichloropropene	8.182	75	3469	1.475	ug/L #	79
48) 2-Hexanone	8.652	43	31426	13.077	ug/L #	75
60) 1,2,3-Trichloropropane	11.815	75	11613	5.228	ug/L #	67

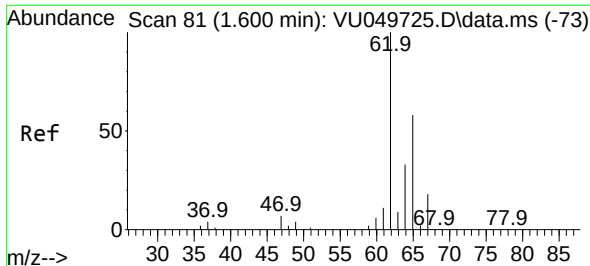
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration

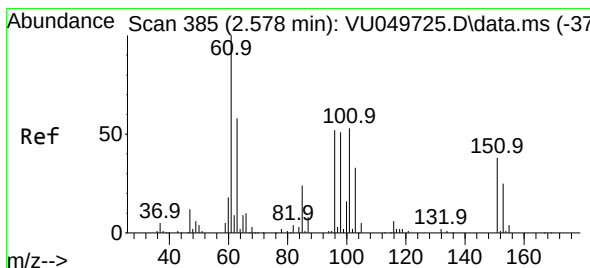
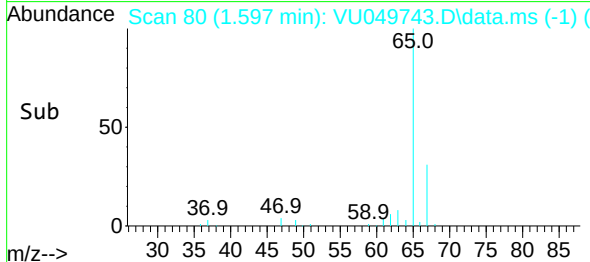
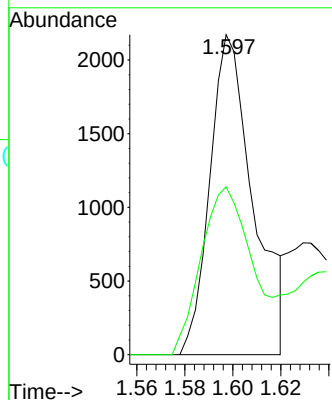
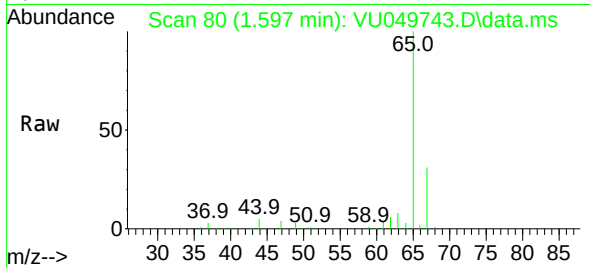




#5
 Vinyl chloride
 Concen: 1.256 ug/L
 RT: 1.597 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VU049743.D
 Acq: 15 Jul 2022 17:46

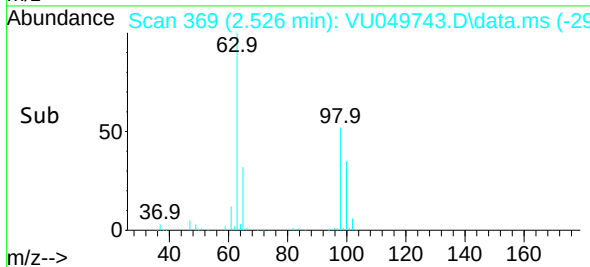
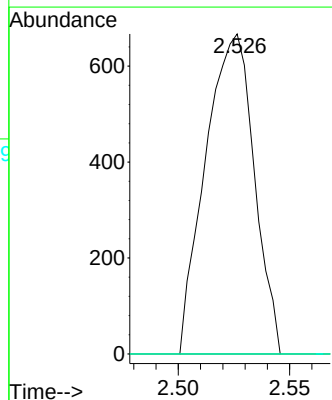
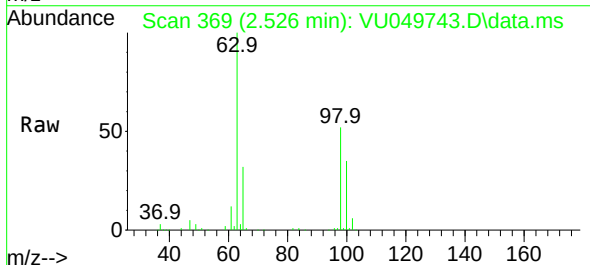
Instrument :
 MSVOA_U
 ClientSampleId :
 F5B69ME

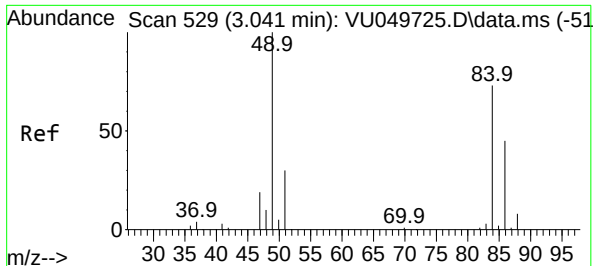
Tgt Ion: 62 Resp: 2730
 Ion Ratio Lower Upper
 62 100
 64 52.4 23.0 42.6#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.721 ug/L
 RT: 2.526 min Scan# 369
 Delta R.T. -0.051 min
 Lab File: VU049743.D
 Acq: 15 Jul 2022 17:46

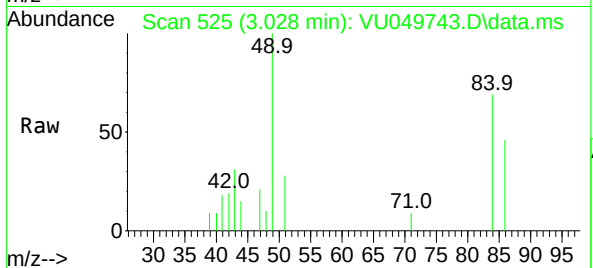
Tgt Ion: 101 Resp: 1016
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#





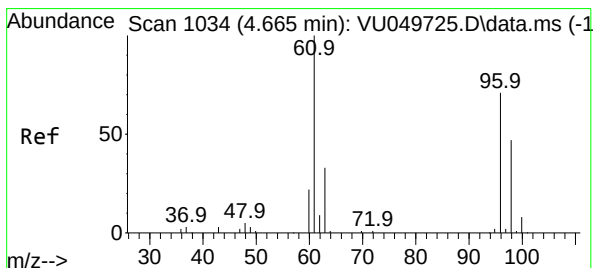
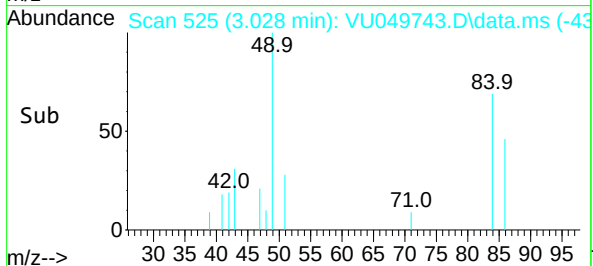
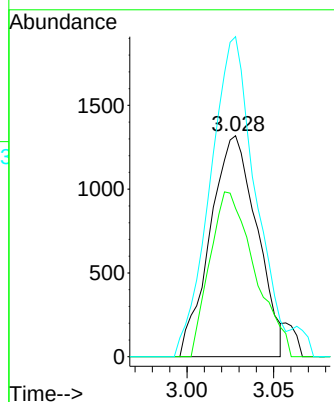
#16
Methylene chloride
Concen: 1.506 ug/L
RT: 3.028 min Scan# 51
Delta R.T. -0.013 min
Lab File: VU049743.D
Acq: 15 Jul 2022 17:46

Instrument :
MSVOA_U
ClientSampleId :
F5B69ME



Tgt Ion: 84 Resp: 2479

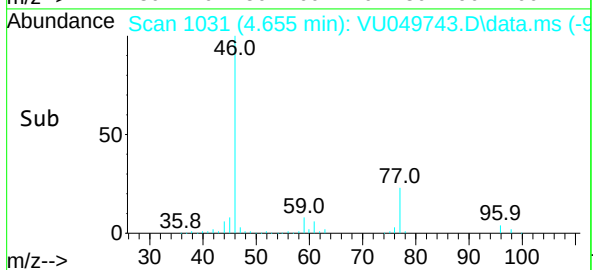
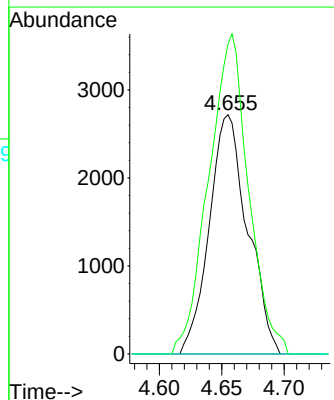
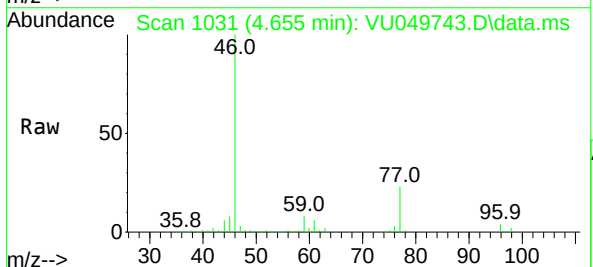
Ion	Ratio	Lower	Upper
84	100		
86	67.1	45.6	84.6
49	144.8	94.4	175.4

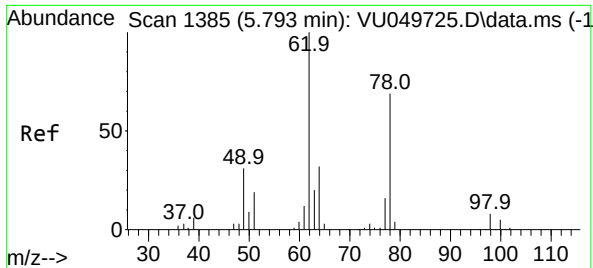


#20
cis-1,2-Dichloroethene
Concen: 3.619 ug/L
RT: 4.655 min Scan# 1031
Delta R.T. -0.010 min
Lab File: VU049743.D
Acq: 15 Jul 2022 17:46

Tgt Ion: 96 Resp: 5816

Ion	Ratio	Lower	Upper
96	100		
61	129.5	101.1	187.7
68	0.0	0.0	0.0

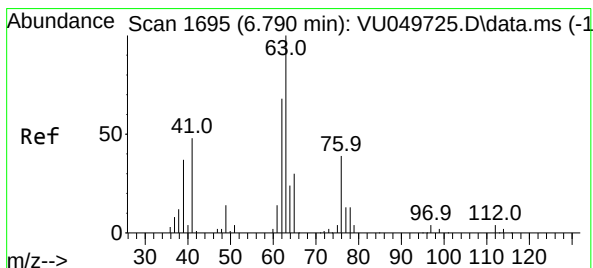
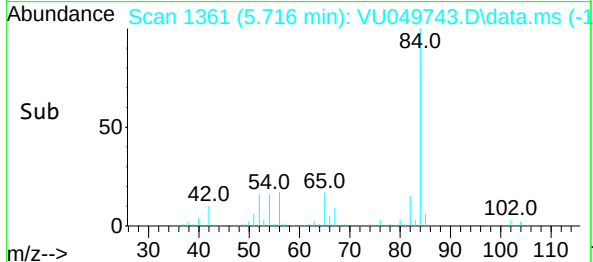
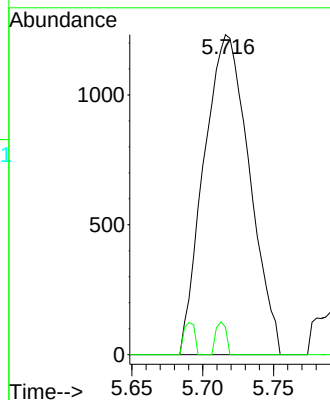
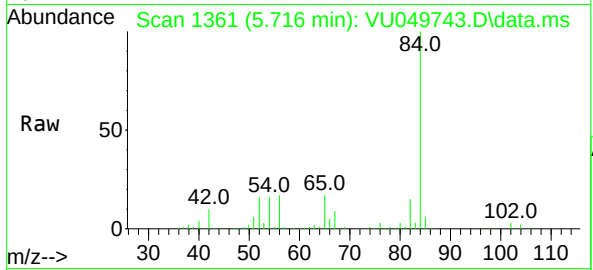




#27
1,2-Dichloroethane
Concen: 1.084 ug/L
RT: 5.716 min Scan# 11
Delta R.T. -0.077 min
Lab File: VU049743.D
Acq: 15 Jul 2022 17:46

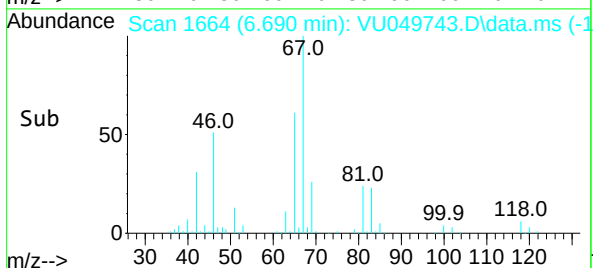
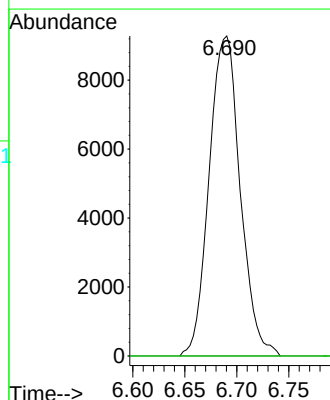
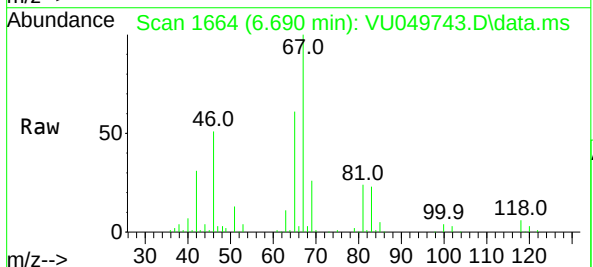
Instrument :
MSVOA_U
ClientSampleId :
F5B69ME

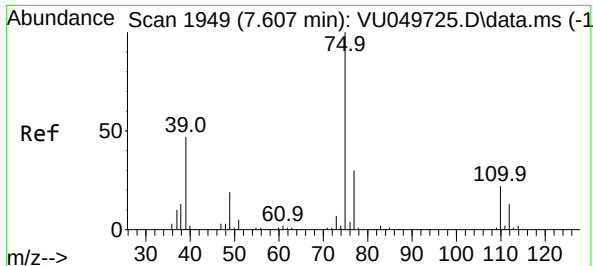
Tgt Ion: 62 Resp: 2756
Ion Ratio Lower Upper
62 100
98 8.6 6.7 10.1



#37
1,2-Dichloropropane
Concen: 10.406 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049743.D
Acq: 15 Jul 2022 17:46

Tgt Ion: 63 Resp: 19329
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.905 ug/L

RT: 7.565 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU049743.D

Acq: 15 Jul 2022 17:46

Instrument :

MSVOA_U

ClientSampleId :

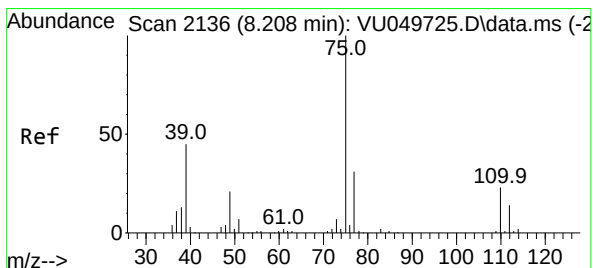
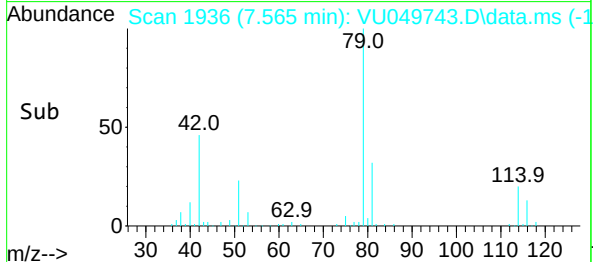
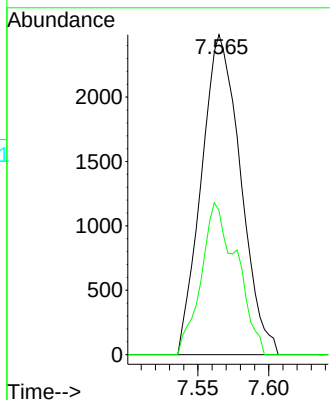
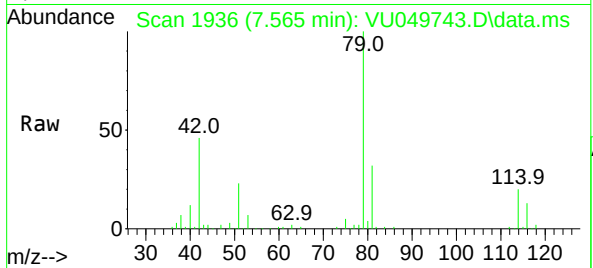
F5B69ME

Tgt Ion: 75 Resp: 4772

Ion Ratio Lower Upper

75 100

77 45.0 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 1.475 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.026 min

Lab File: VU049743.D

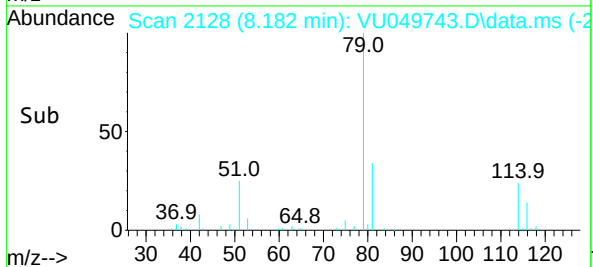
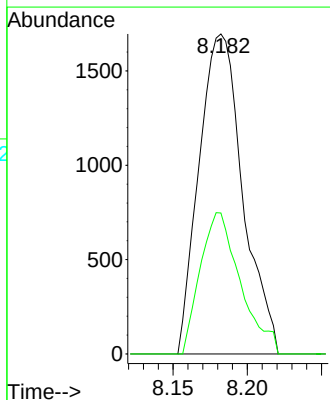
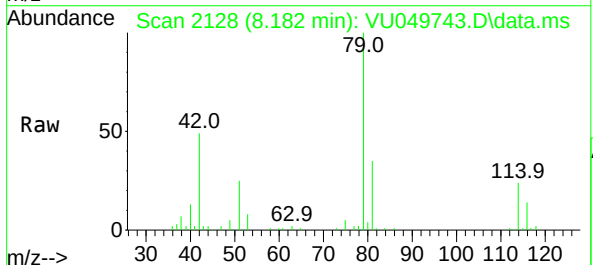
Acq: 15 Jul 2022 17:46

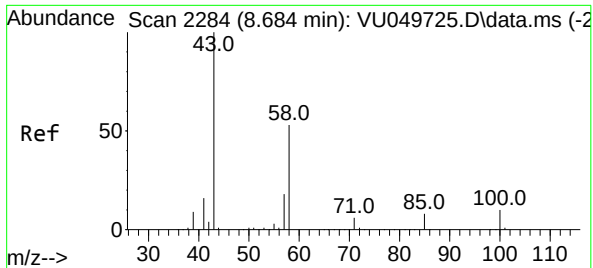
Tgt Ion: 75 Resp: 3469

Ion Ratio Lower Upper

75 100

77 44.0 22.5 41.9#

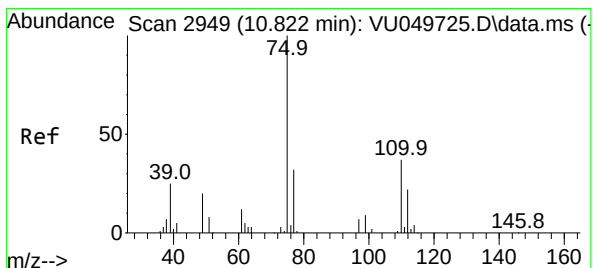
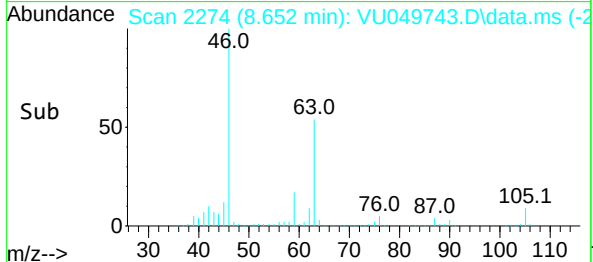
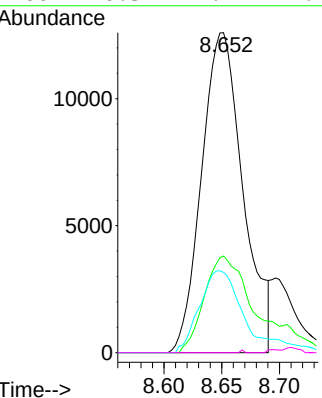
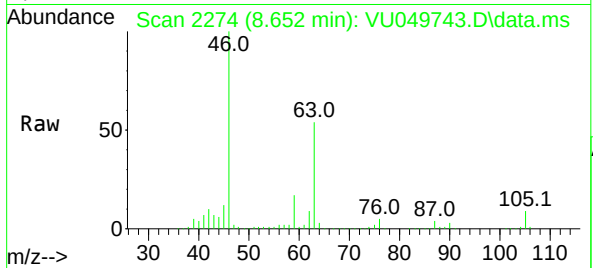




#48
2-Hexanone
Concen: 13.077 ug/L
RT: 8.652 min Scan# 21
Delta R.T. -0.032 min
Lab File: VU049743.D
Acq: 15 Jul 2022 17:46

Instrument :
MSVOA_U
ClientSampleId :
F5B69ME

Tgt Ion: 43	Resp: 31426
Ion Ratio	Lower Upper
43 100	
58 34.1	42.6 64.0#
57 28.2	15.0 22.6#
100 0.3	7.9 11.9#



#60
1,2,3-Trichloropropane
Concen: 5.228 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.994 min
Lab File: VU049743.D
Acq: 15 Jul 2022 17:46

Tgt Ion: 75	Resp: 11613
Ion Ratio	Lower Upper
75 100	
77 30.6	25.5 38.3
110 0.7	28.9 43.3#

