

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090622\
 Data File : VU050649.D
 Acq On : 06 Sep 2022 21:17
 Operator : SY/MD
 Sample : N4482-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 07 01:43:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 07 01:37:50 2022
 Response via : Initial Calibration

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

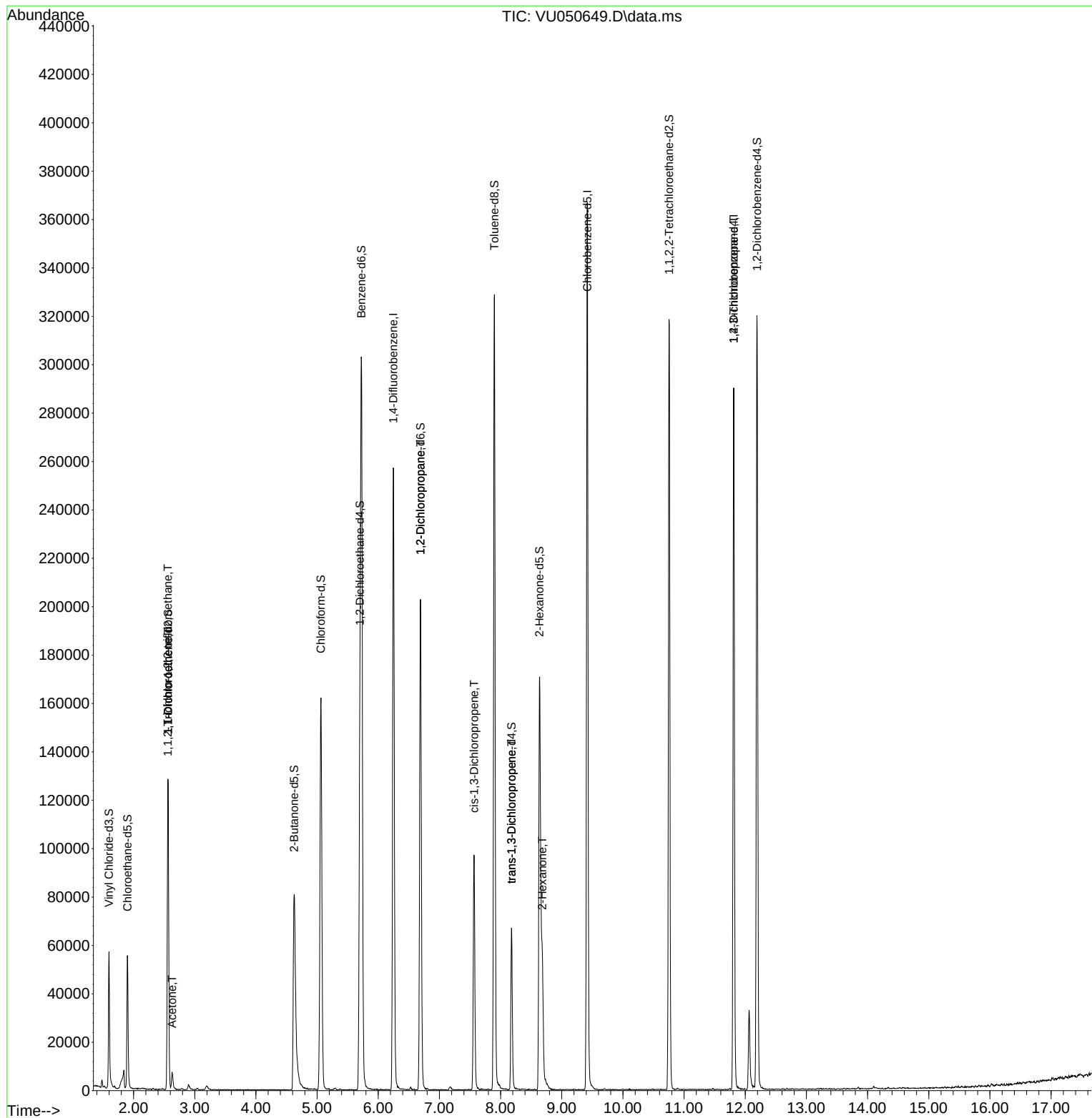
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	212467	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	208598	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	79846	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45773	25.188	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	50.380%#	
7) Chloroethane-d5	1.899	69	42287	34.411	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	68.820%#	
11) 1,1-Dichloroethene-d2	2.562	63	77142	24.022	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	48.040%#	
21) 2-Butanone-d5	4.623	46	121266	91.208	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	91.210%	
24) Chloroform-d	5.063	84	155557	45.165	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.320%	
26) 1,2-Dichloroethane-d4	5.700	65	104844	49.815	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.620%	
32) Benzene-d6	5.726	84	285411	41.403	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	82.800%	
36) 1,2-Dichloropropane-d6	6.690	67	99051	43.765	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	87.520%	
41) Toluene-d8	7.899	98	226476	38.418	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	76.840%#	
43) trans-1,3-Dichloroprop...	8.179	79	39745	42.442	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	84.880%	
47) 2-Hexanone-d5	8.636	63	48913	85.918	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	85.920%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	160087	46.741	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	93.480%	
66) 1,2-Dichlorobenzene-d4	12.192	152	87936	47.046	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.100%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	752	0.453	ug/L #	21
12) 1,1-Dichloroethene	2.562	96	573	0.355	ug/L #	1
13) Acetone	2.629	43	8157	8.133	ug/L	96
37) 1,2-Dichloropropane	6.690	63	11037	5.504	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	2725	1.004	ug/L #	64
44) trans-1,3-Dichloropropene	8.179	75	1892	0.743	ug/L #	76
48) 2-Hexanone	8.684	43	26943	10.565	ug/L	89
60) 1,2,3-Trichloropropane	11.812	75	8870	3.786	ug/L #	68

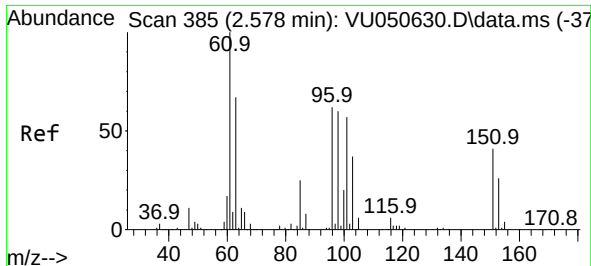
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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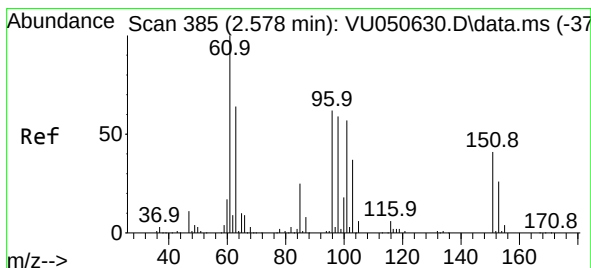
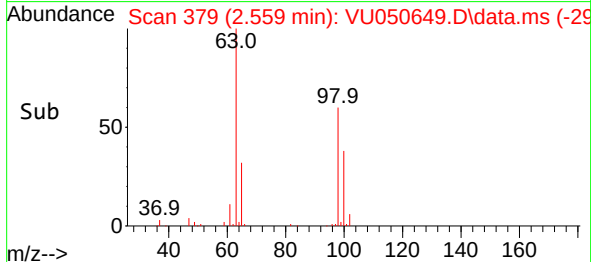
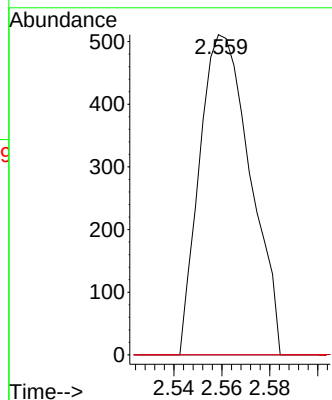
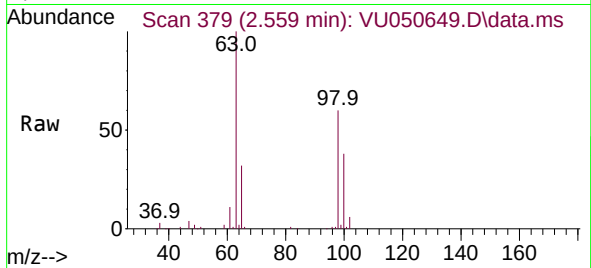




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.453 ug/L
 RT: 2.559 min Scan# 31
 Delta R.T. -0.019 min
 Lab File: VU050649.D
 Acq: 06 Sep 2022 21:17

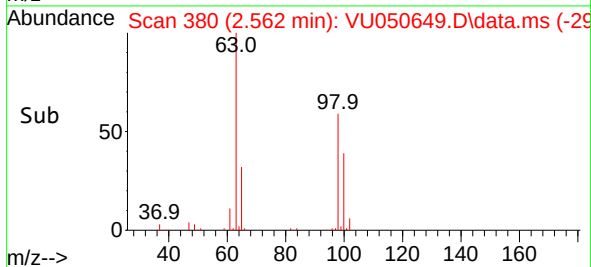
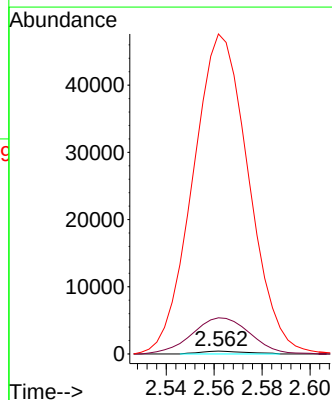
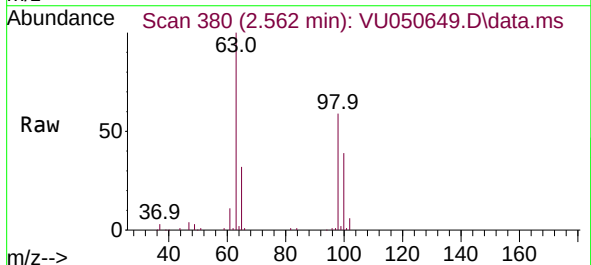
Instrument :
 MSVOA_U
 ClientSampleId :

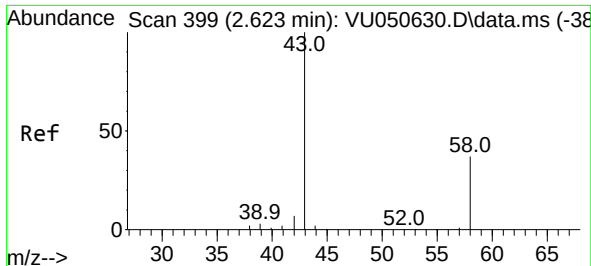
Tgt Ion:101 Resp: 752
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.4 51.6#
 151 0.0 57.7 86.5#



#12
 1,1-Dichloroethene
 Concen: 0.355 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU050649.D
 Acq: 06 Sep 2022 21:17

Tgt Ion: 96 Resp: 573
 Ion Ratio Lower Upper
 96 100
 61 1267.2 118.0 219.1#
 63 11232.1 79.5 147.7#





#13

Acetone

Concen: 8.133 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU050649.D

Acq: 06 Sep 2022 21:17

Instrument :

MSVOA_U

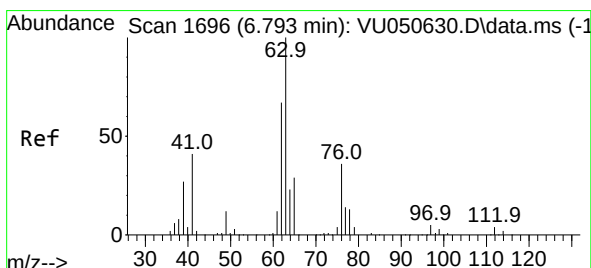
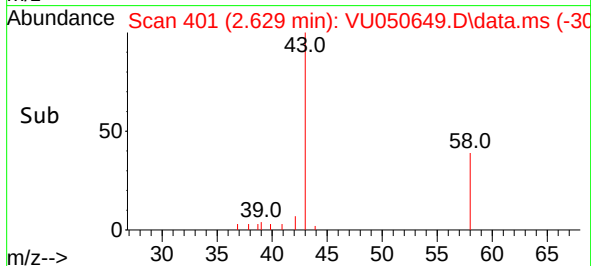
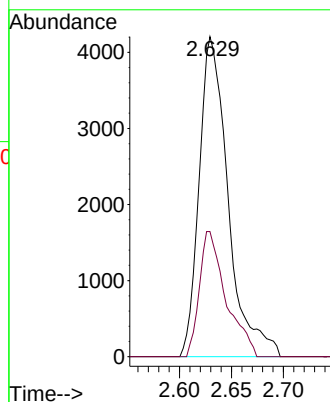
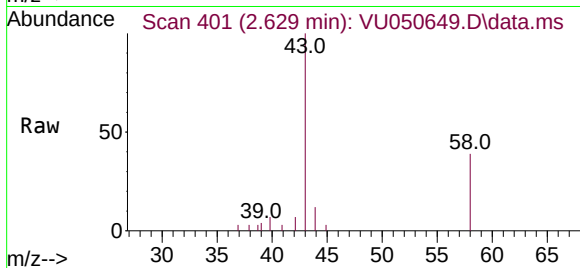
ClientSampleId :

Tgt Ion: 43 Resp: 8157

Ion Ratio Lower Upper

43 100

58 35.9 0.0 76.2



#37

1,2-Dichloropropane

Concen: 5.504 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU050649.D

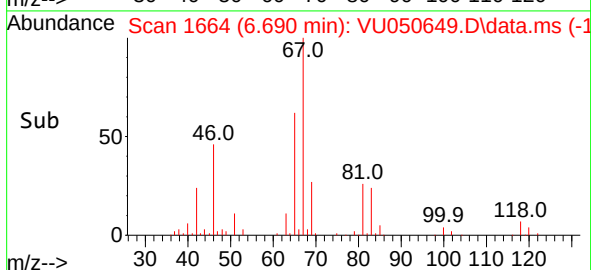
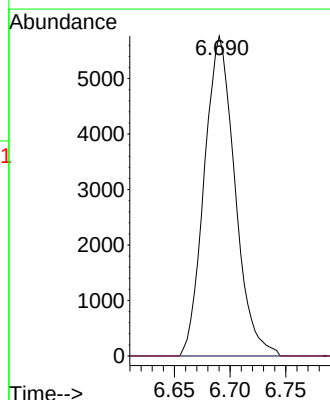
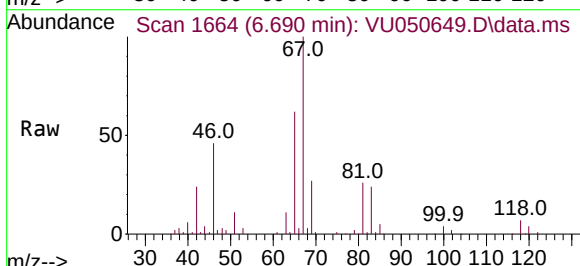
Acq: 06 Sep 2022 21:17

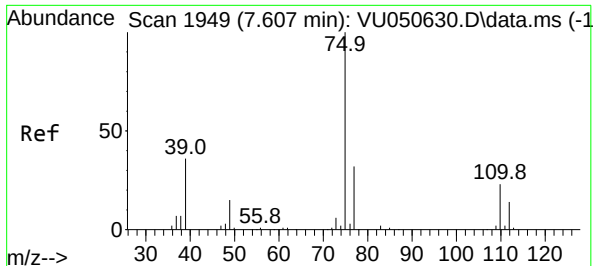
Tgt Ion: 63 Resp: 11037

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 1.004 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU050649.D

Acq: 06 Sep 2022 21:17

Instrument :

MSVOA_U

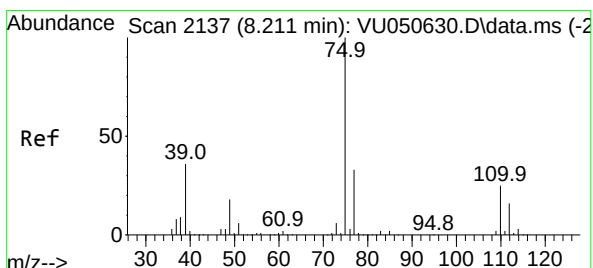
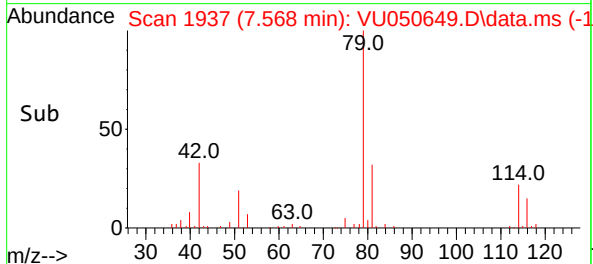
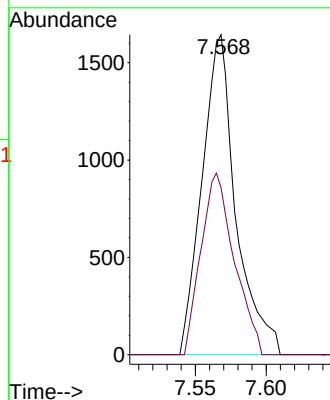
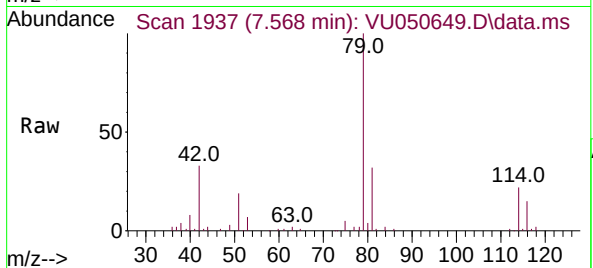
ClientSampleId :

Tgt Ion: 75 Resp: 2725

Ion Ratio Lower Upper

75 100

77 52.3 22.5 41.7#



#44

trans-1,3-Dichloropropene

Concen: 0.743 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU050649.D

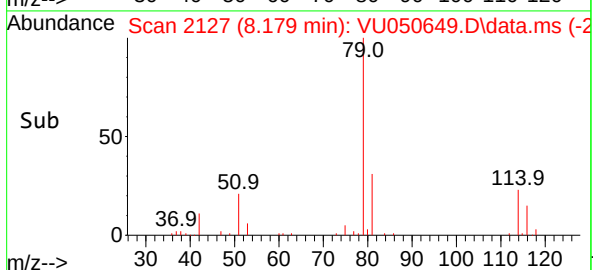
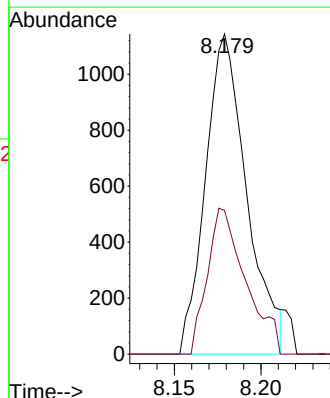
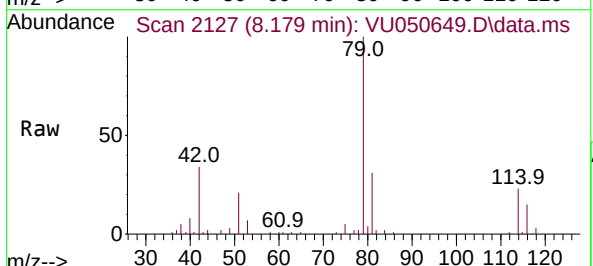
Acq: 06 Sep 2022 21:17

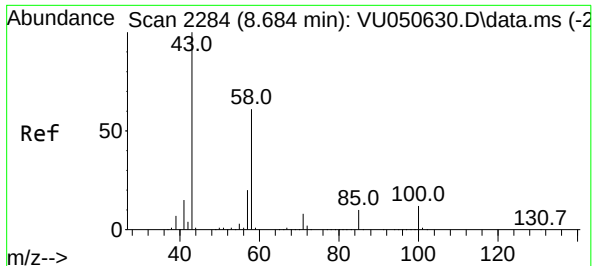
Tgt Ion: 75 Resp: 1892

Ion Ratio Lower Upper

75 100

77 44.8 22.1 41.1#

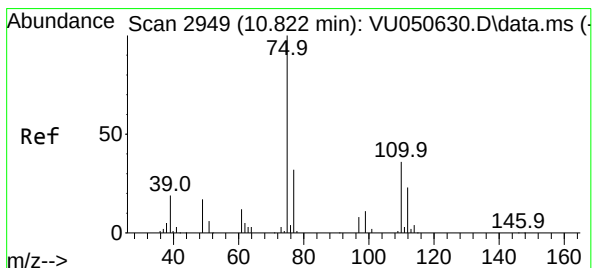
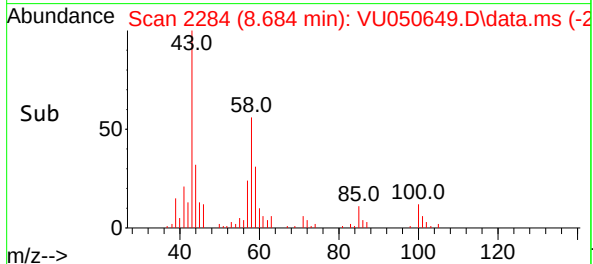
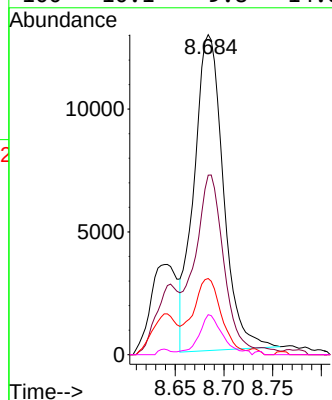
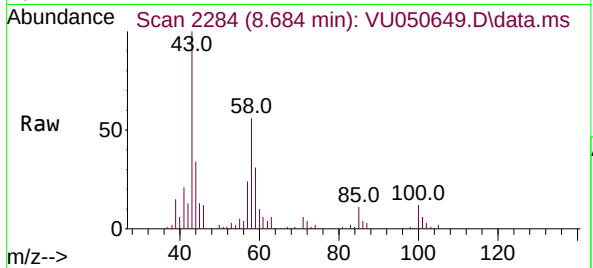




#48
2-Hexanone
Concen: 10.565 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050649.D
Acq: 06 Sep 2022 21:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43	Resp: 26943
Ion Ratio	Lower Upper
43 100	
58 52.0	51.8 77.6
57 20.9	17.0 25.4
100 10.1	9.8 14.8



#60
1,2,3-Trichloropropane
Concen: 3.786 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050649.D
Acq: 06 Sep 2022 21:17

Tgt Ion: 75	Resp: 8870
Ion Ratio	Lower Upper
75 100	
77 32.1	25.8 38.8
110 1.3	29.3 43.9#

