

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090722\
 Data File : VU050666.D
 Acq On : 07 Sep 2022 17:26
 Operator : SY/MD
 Sample : N4372-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY184RE

Quant Time: Sep 08 05:44:00 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)

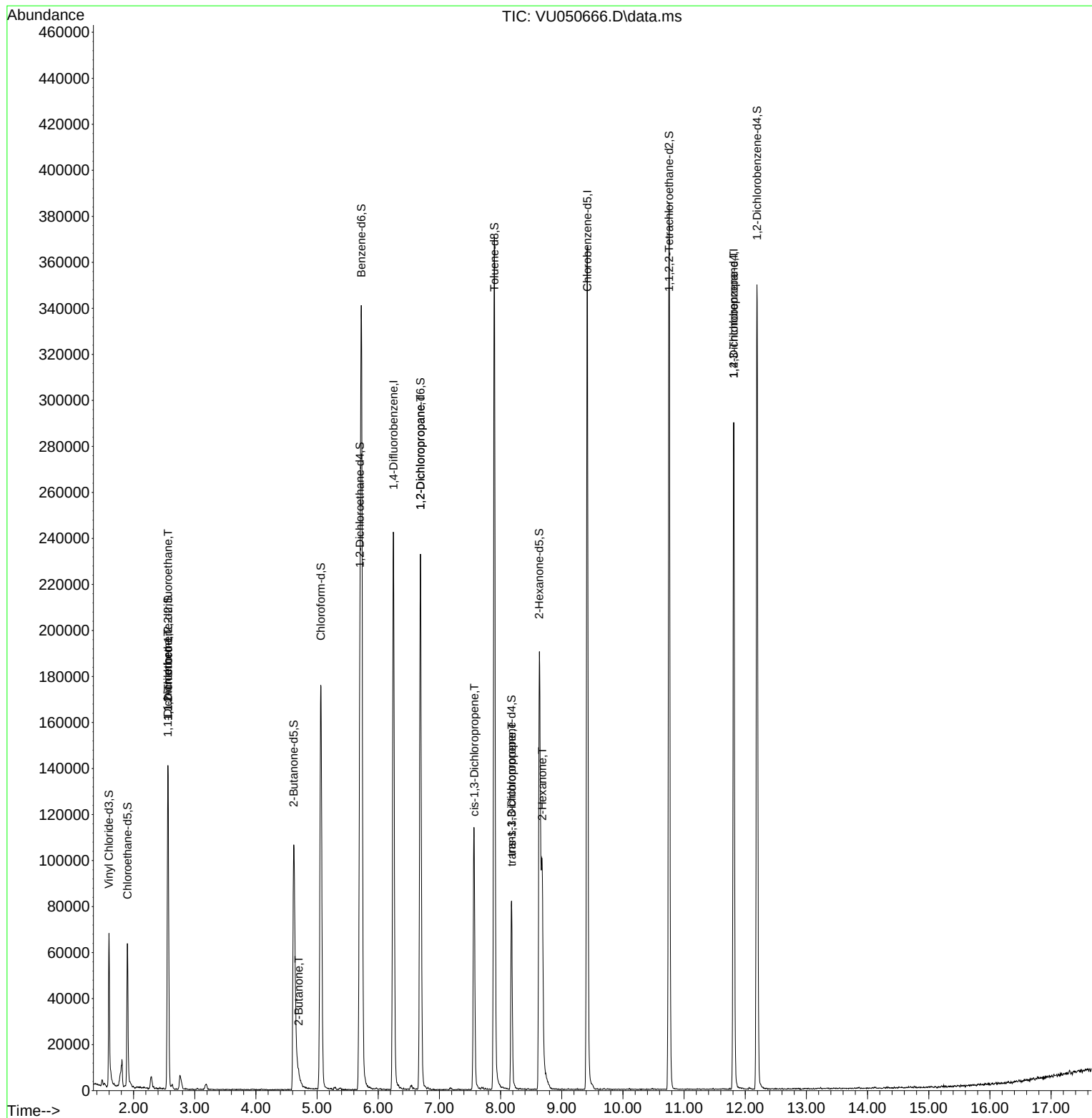
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	207272	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	213173	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	81906	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	56285	31.749	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.500%
7) Chloroethane-d5	1.900	69	49221	41.057	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.120%
11) 1,1-Dichloroethene-d2	2.562	63	84059	26.832	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.660%#
21) 2-Butanone-d5	4.617	46	148776	114.704	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.700%
24) Chloroform-d	5.060	84	170232	50.665	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.320%
26) 1,2-Dichloroethane-d4	5.700	65	122459	59.643	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.280%
32) Benzene-d6	5.726	84	323838	45.969	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.940%
36) 1,2-Dichloropropane-d6	6.690	67	112921	48.822	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.640%
41) Toluene-d8	7.899	98	258921	42.979	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.960%
43) trans-1,3-Dichloroprop...	8.179	79	48701	50.890	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.780%
47) 2-Hexanone-d5	8.633	63	54929	94.415	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.410%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	193134	55.180	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.360%
66) 1,2-Dichlorobenzene-d4	12.192	152	96615	50.390	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.780%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	645	0.398	ug/L #	21
12) 1,1-Dichloroethene	2.559	96	651	0.414	ug/L #	1
22) 2-Butanone	4.700	43	2095	1.369	ug/L #	53
37) 1,2-Dichloropropane	6.690	63	12263	5.984	ug/L #	89
39) cis-1,3-Dichloropropene	7.571	75	2839	1.024	ug/L #	67
44) trans-1,3-Dichloropropene	8.182	75	2310	0.888	ug/L	92
48) 2-Hexanone	8.681	43	47982	18.411	ug/L	93
60) 1,2,3-Trichloropropane	11.812	75	9317	3.877	ug/L #	68

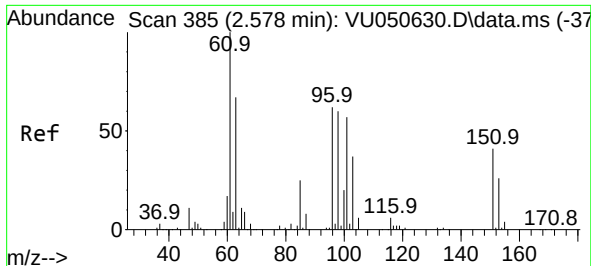
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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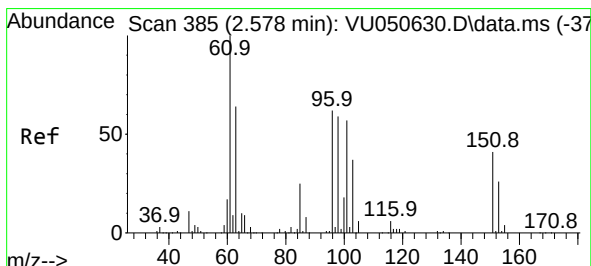
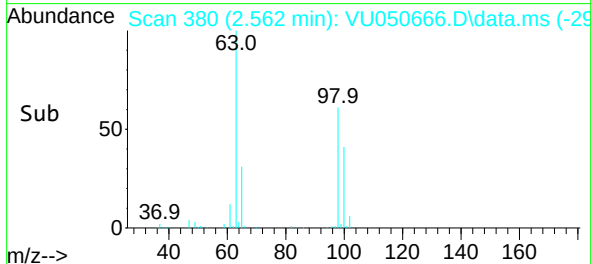
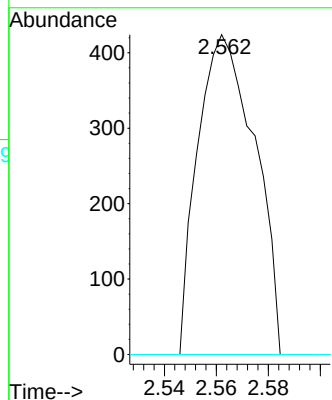
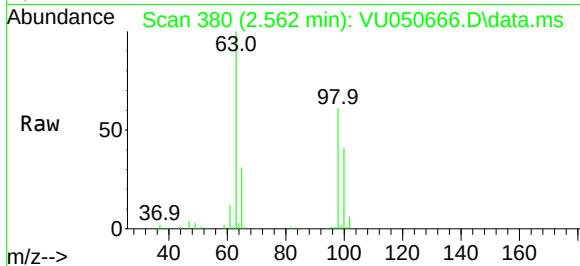




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.398 ug/L
 RT: 2.562 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU050666.D
 Acq: 07 Sep 2022 17:26

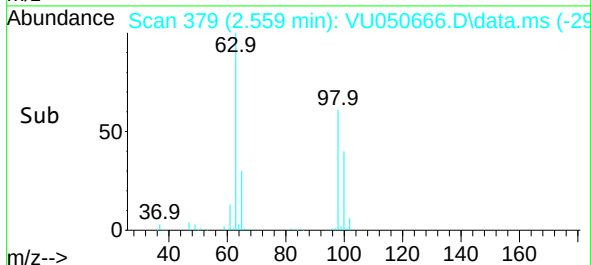
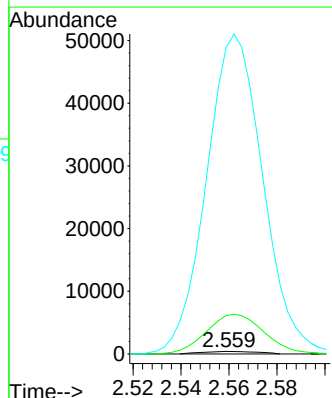
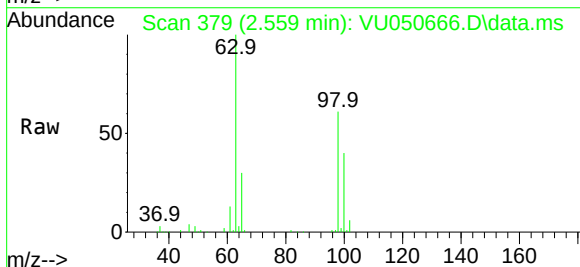
Instrument :
 MSVOA_U
 ClientSampleId :
 EY184RE

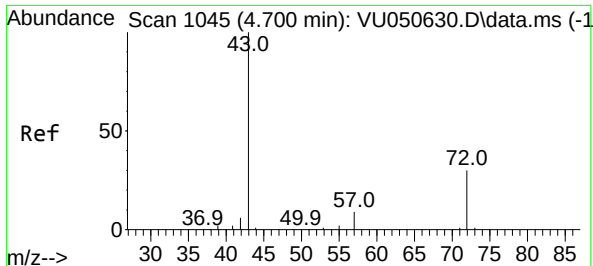
Tgt Ion:101 Resp: 645
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.4 51.6#
 151 0.0 57.7 86.5#



#12
 1,1-Dichloroethene
 Concen: 0.414 ug/L
 RT: 2.559 min Scan# 379
 Delta R.T. -0.019 min
 Lab File: VU050666.D
 Acq: 07 Sep 2022 17:26

Tgt Ion: 96 Resp: 651
 Ion Ratio Lower Upper
 96 100
 61 1513.8 118.0 219.1#
 63 12065.2 79.5 147.7#

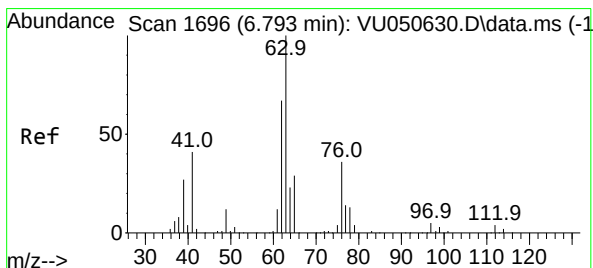
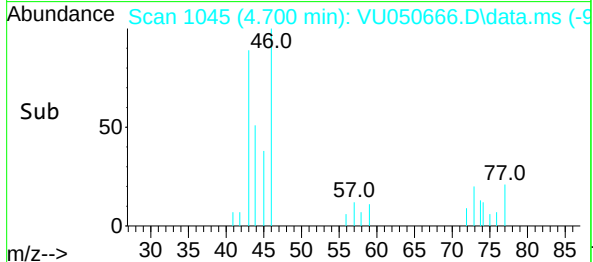
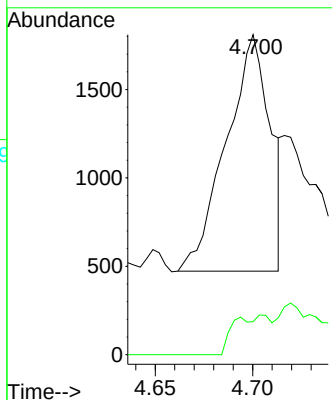
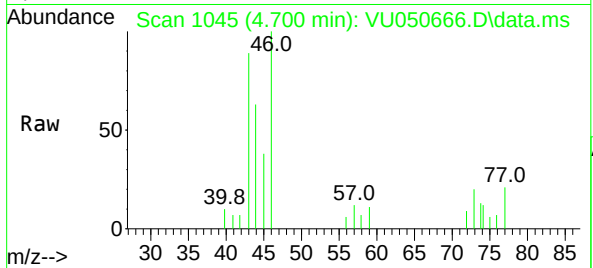




#22
2-Butanone
Concen: 1.369 ug/L
RT: 4.700 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU050666.D
Acq: 07 Sep 2022 17:26

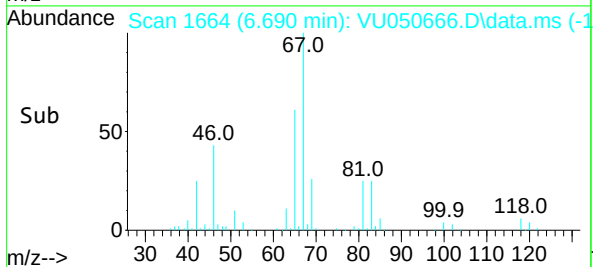
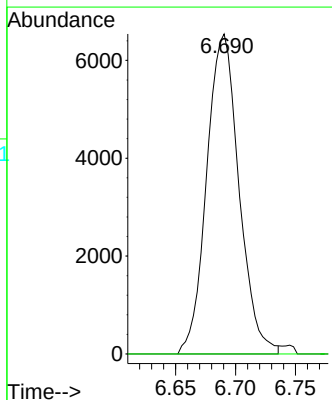
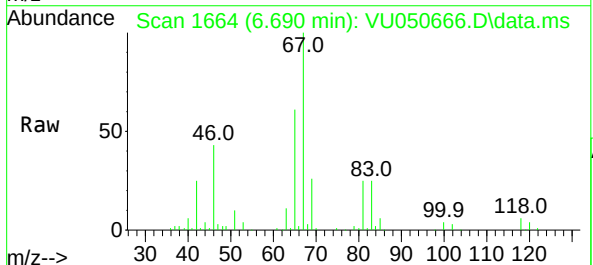
Instrument :
MSVOA_U
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EY184RE

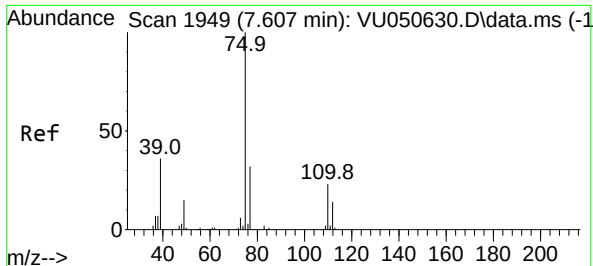
Tgt Ion: 43 Resp: 2095
Ion Ratio Lower Upper
43 100
72 3.9 14.6 44.0#



#37
1,2-Dichloropropane
Concen: 5.984 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU050666.D
Acq: 07 Sep 2022 17:26

Tgt Ion: 63 Resp: 12263
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 1.024 ug/L

RT: 7.571 min Scan# 1949

Delta R.T. -0.035 min

Lab File: VU050666.D

Acq: 07 Sep 2022 17:26

Instrument :

MSVOA_U

ClientSampleId :

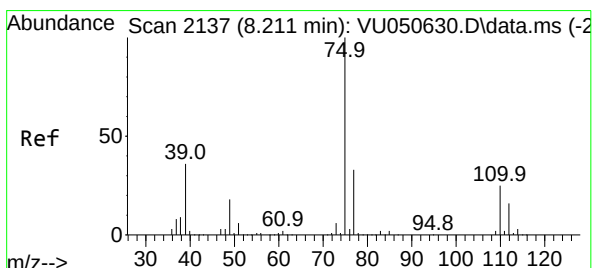
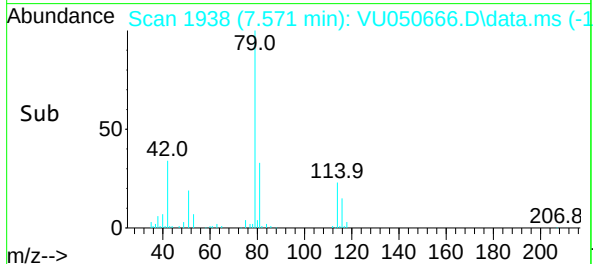
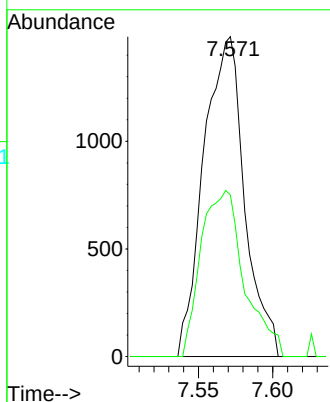
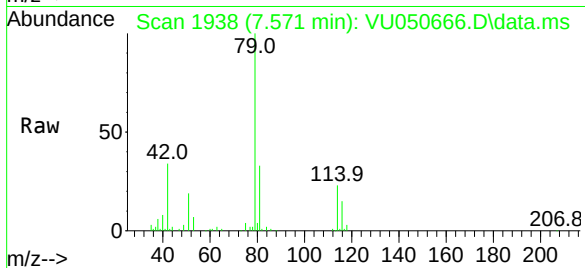
EY184RE

Tgt Ion: 75 Resp: 2839

Ion Ratio Lower Upper

75 100

77 50.5 22.5 41.7#



#44

trans-1,3-Dichloropropene

Concen: 0.888 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU050666.D

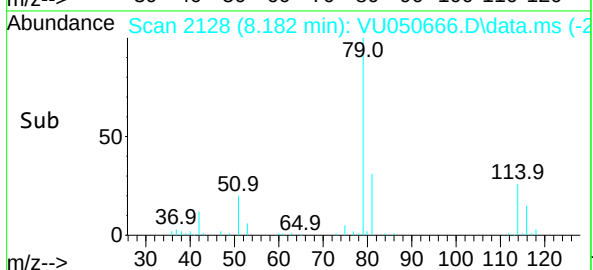
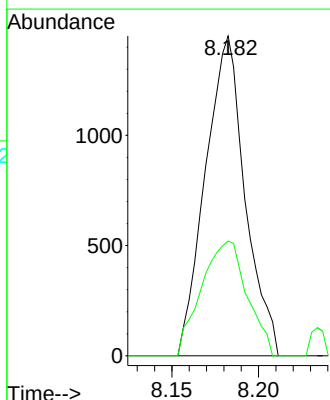
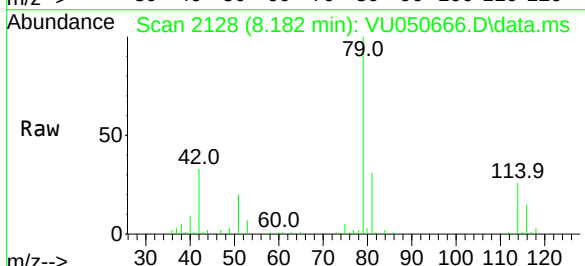
Acq: 07 Sep 2022 17:26

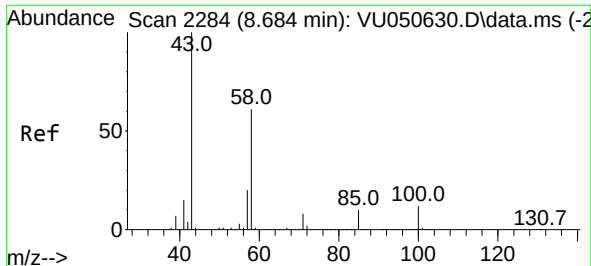
Tgt Ion: 75 Resp: 2310

Ion Ratio Lower Upper

75 100

77 35.9 22.1 41.1

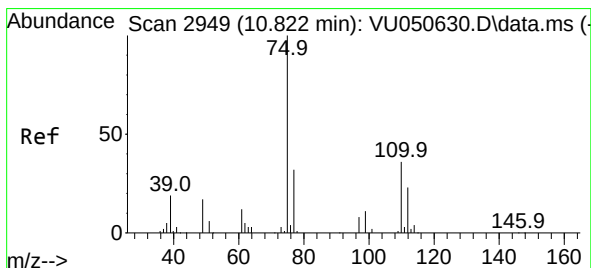
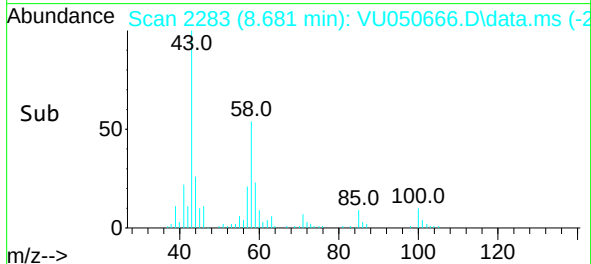
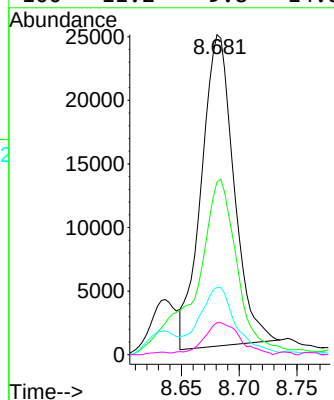
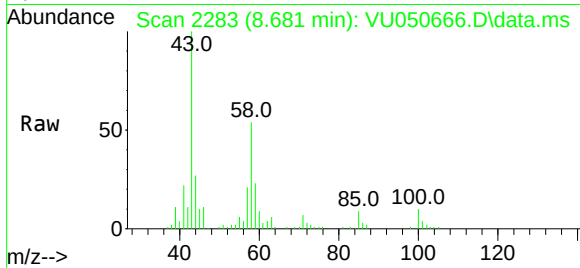




#48
2-Hexanone
Concen: 18.411 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050666.D
Acq: 07 Sep 2022 17:26

Instrument :
MSVOA_U
ClientSampleId :
EY184RE

Tgt Ion: 43	Resp: 47982
Ion Ratio	Lower Upper
43 100	
58 71.4	51.8 77.6
57 23.4	17.0 25.4
100 11.2	9.8 14.8



#60
1,2,3-Trichloropropane
Concen: 3.877 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.991 min
Lab File: VU050666.D
Acq: 07 Sep 2022 17:26

Tgt Ion: 75	Resp: 9317
Ion Ratio	Lower Upper
75 100	
77 33.2	25.8 38.8
110 1.3	29.3 43.9#

