

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082922\
 Data File : VU050479.D
 Acq On : 29 Aug 2022 13:02
 Operator : SY/MD
 Sample : N4319-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 13:39:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 27 02:44:18 2022
 Response via : Initial Calibration

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

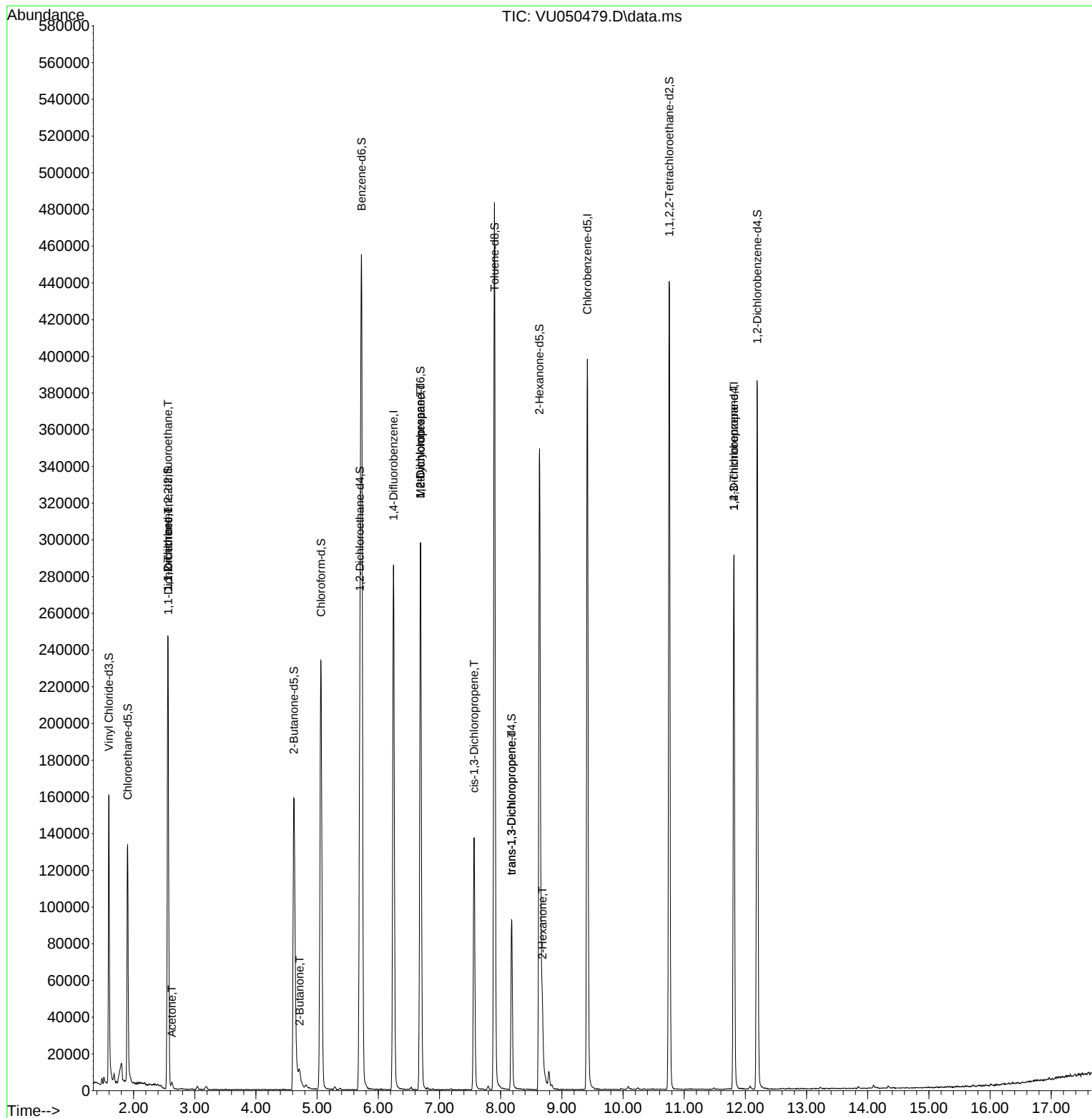
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	231235	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	227283	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	78458	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	121908	44.586	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	89.180%	
7) Chloroethane-d5	1.903	69	102289	50.559	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	101.120%	
11) 1,1-Dichloroethene-d2	2.562	63	143449	37.124	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	74.240%	
21) 2-Butanone-d5	4.620	46	230649	128.880	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	128.880%	
24) Chloroform-d	5.063	84	212591	48.436	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.880%	
26) 1,2-Dichloroethane-d4	5.700	65	140607	51.545	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.100%	
32) Benzene-d6	5.726	84	428109	50.978	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.960%	
36) 1,2-Dichloropropane-d6	6.690	67	146391	52.619	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	105.240%	
41) Toluene-d8	7.899	98	332689	45.273	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.540%	
43) trans-1,3-Dichloroprop...	8.179	79	53021	45.688	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.380%	
47) 2-Hexanone-d5	8.632	63	108298	104.895	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	104.890%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	224656	52.354	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	104.700%	
66) 1,2-Dichlorobenzene-d4	12.195	152	105034	56.042	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	112.080%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1173	0.731	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	1148	0.809	ug/L #	1
13) Acetone	2.626	43	4141	3.519	ug/L	90
22) 2-Butanone	4.713	43	12245	7.678	ug/L #	66
35) Methylcyclohexane	6.690	83	33600	14.752	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	14577	7.293	ug/L #	90
39) cis-1,3-Dichloropropene	7.565	75	3085	1.175	ug/L #	56
44) trans-1,3-Dichloropropene	8.179	75	2203	0.900	ug/L #	82
48) 2-Hexanone	8.684	43	18299	8.249	ug/L #	69
60) 1,2,3-Trichloropropane	11.812	75	9425	4.662	ug/L #	68

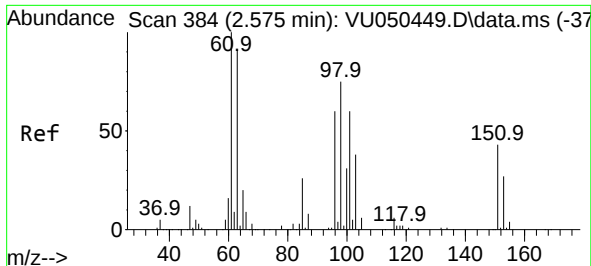
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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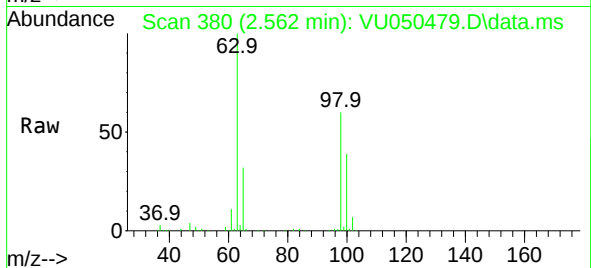
Quant Time: Aug 29 13:39:58 2022
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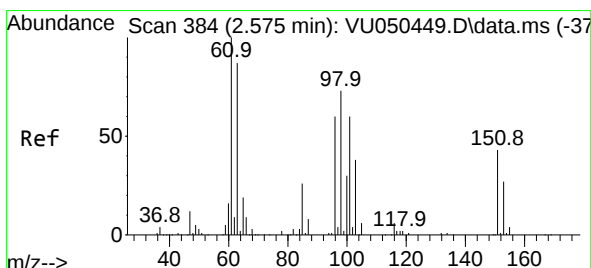
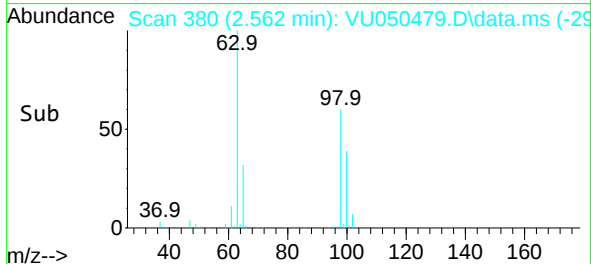
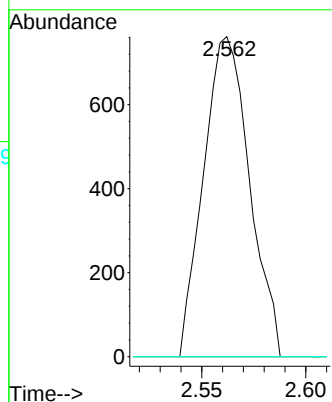


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.731 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.013 min
 Lab File: VU050479.D
 Acq: 29 Aug 2022 13:02

Instrument :
 MSVOA_U
 ClientSampleId :

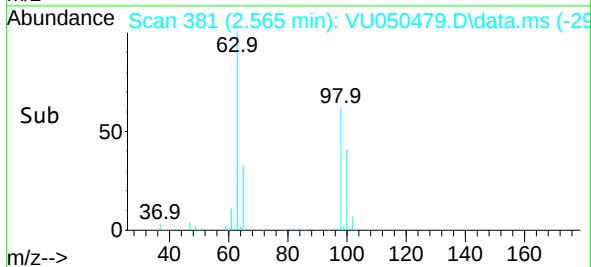
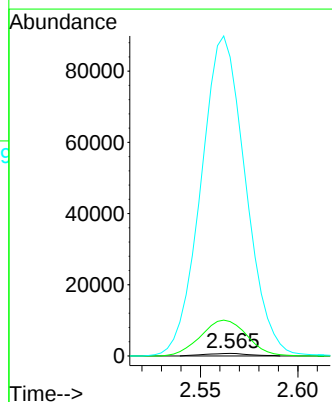
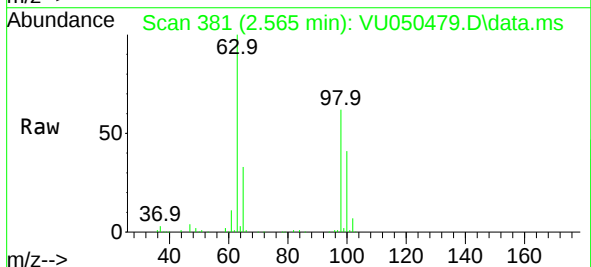


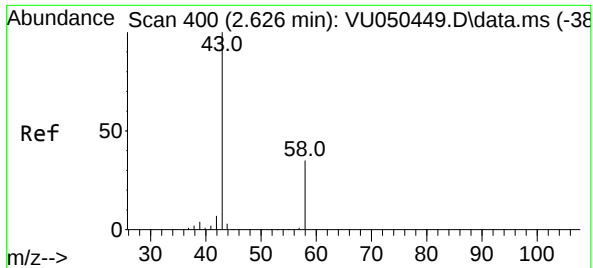
Tgt Ion:101 Resp: 1173
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 57.3 85.9#



#12
 1,1-Dichloroethene
 Concen: 0.809 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.010 min
 Lab File: VU050479.D
 Acq: 29 Aug 2022 13:02

Tgt Ion: 96 Resp: 1148
 Ion Ratio Lower Upper
 96 100
 61 1331.4 116.8 216.8#
 63 11584.0 97.4 180.8#





#13

Acetone

Concen: 3.519 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU050479.D

Acq: 29 Aug 2022 13:02

Instrument :

MSVOA_U

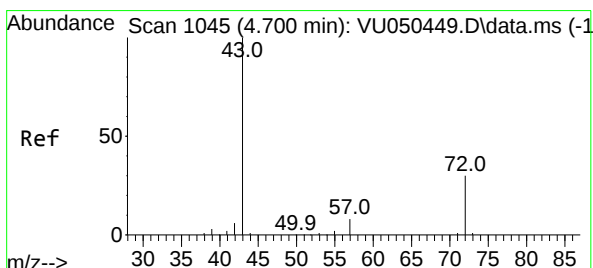
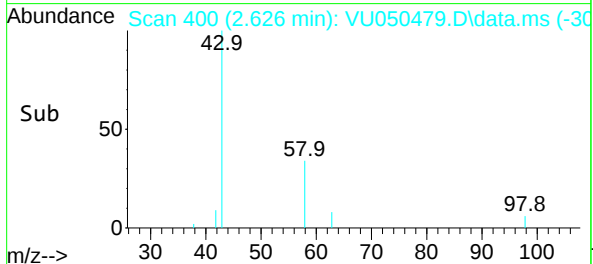
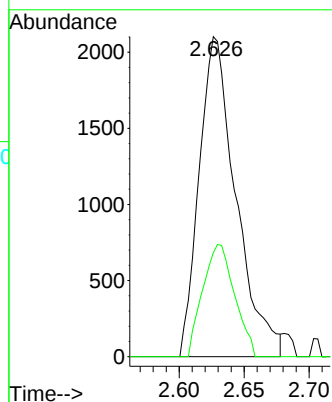
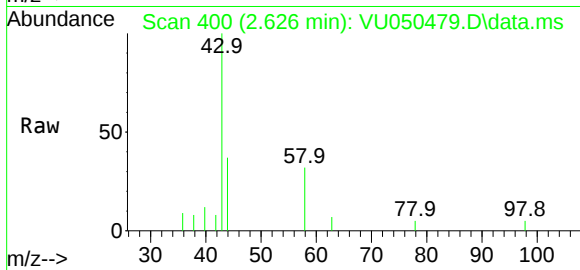
ClientSampleId :

Tgt Ion: 43 Resp: 4141

Ion Ratio Lower Upper

43 100

58 30.3 0.0 72.2



#22

2-Butanone

Concen: 7.678 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.013 min

Lab File: VU050479.D

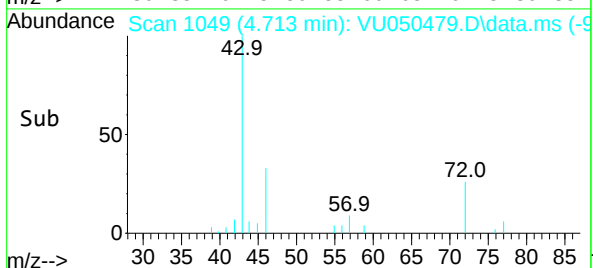
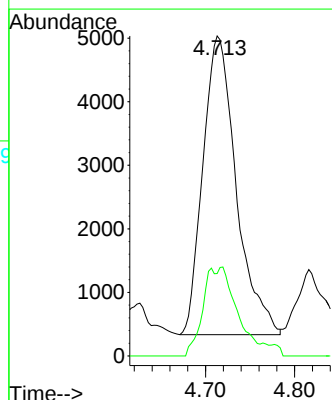
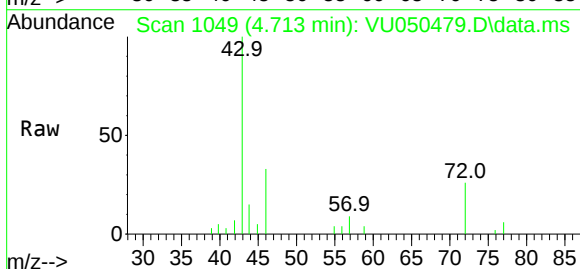
Acq: 29 Aug 2022 13:02

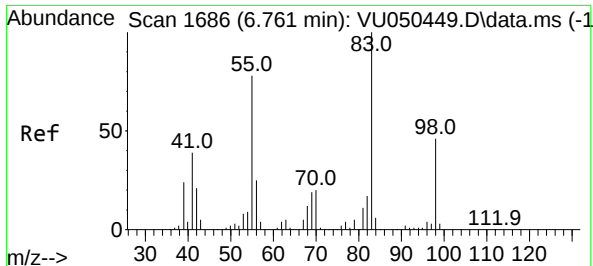
Tgt Ion: 43 Resp: 12245

Ion Ratio Lower Upper

43 100

72 11.4 15.0 45.0#

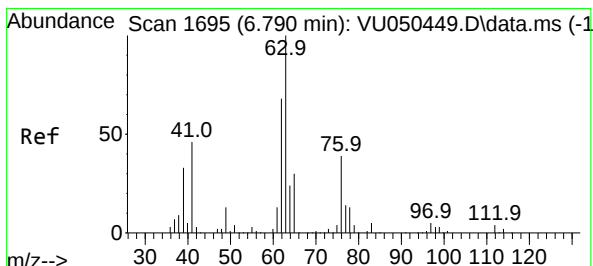
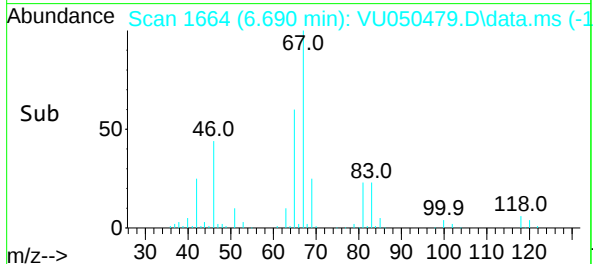
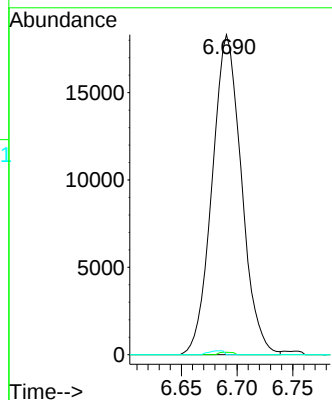
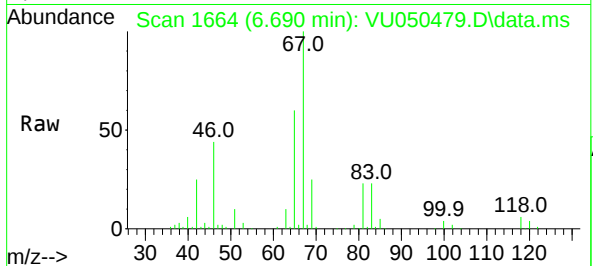




#35
Methylcyclohexane
Concen: 14.752 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU050479.D
Acq: 29 Aug 2022 13:02

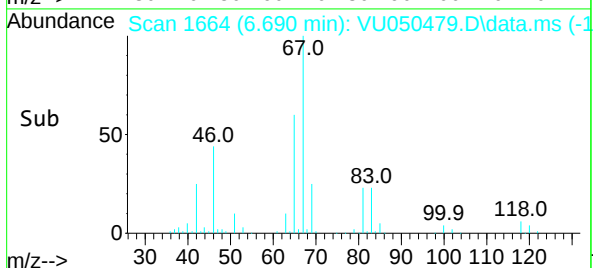
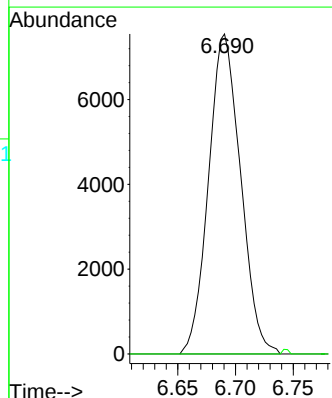
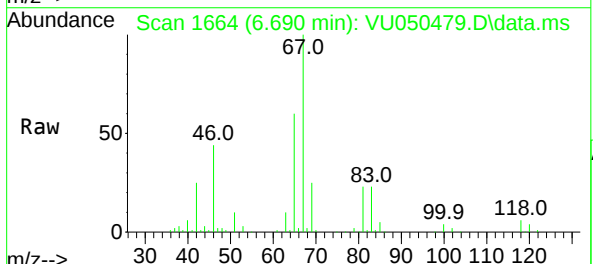
Instrument :
MSVOA_U
ClientSampleId :

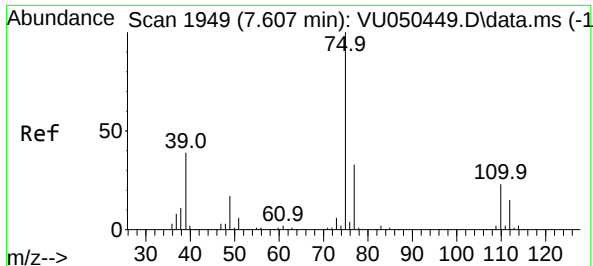
Tgt Ion: 83 Resp: 33600
Ion Ratio Lower Upper
83 100
55 0.3 61.9 92.9#
98 0.6 35.8 53.8#



#37
1,2-Dichloropropane
Concen: 7.293 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU050479.D
Acq: 29 Aug 2022 13:02

Tgt Ion: 63 Resp: 14577
Ion Ratio Lower Upper
63 100
112 0.3 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 1.175 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU050479.D

Acq: 29 Aug 2022 13:02

Instrument :

MSVOA_U

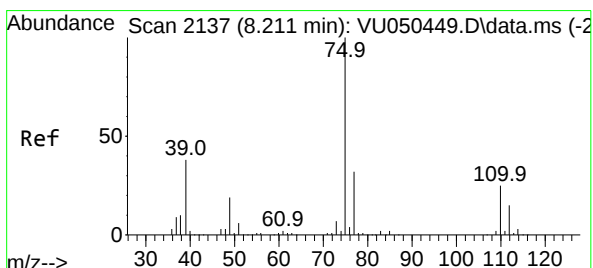
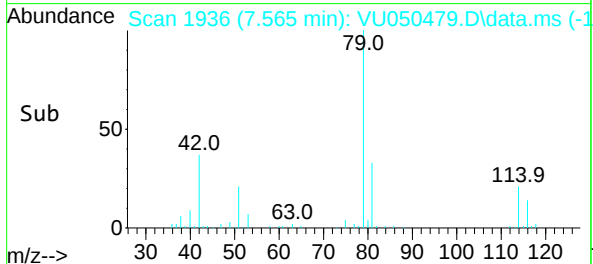
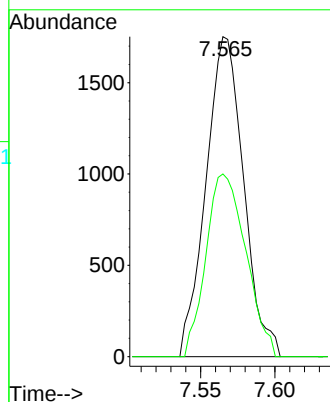
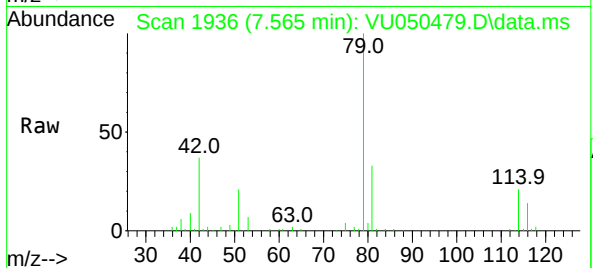
ClientSampleId :

Tgt Ion: 75 Resp: 3085

Ion Ratio Lower Upper

75 100

77 57.1 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.900 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU050479.D

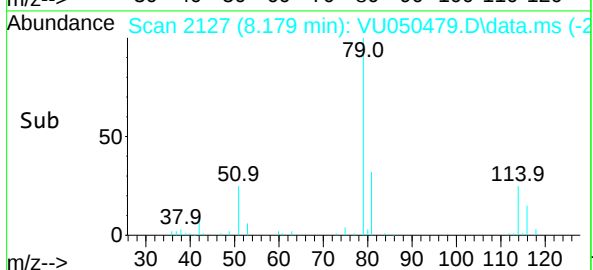
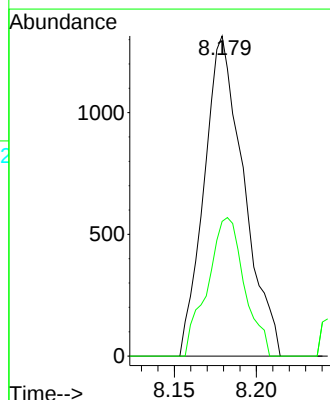
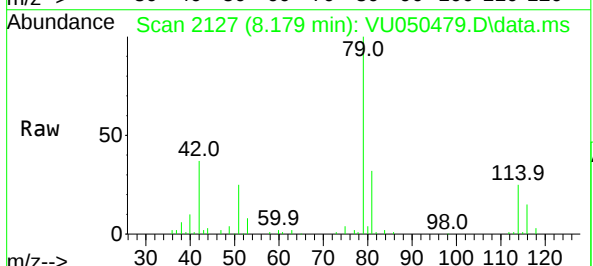
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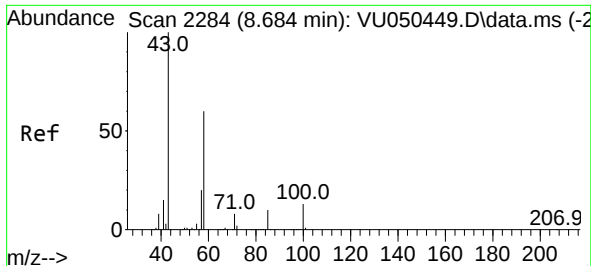
Tgt Ion: 75 Resp: 2203

Ion Ratio Lower Upper

75 100

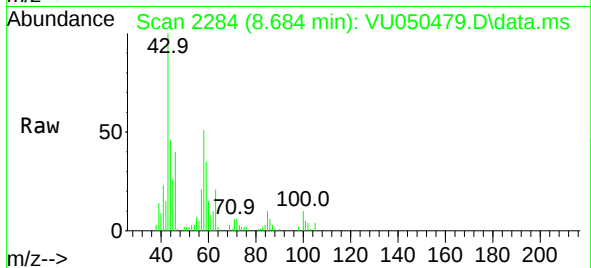
77 42.1 22.5 41.7#



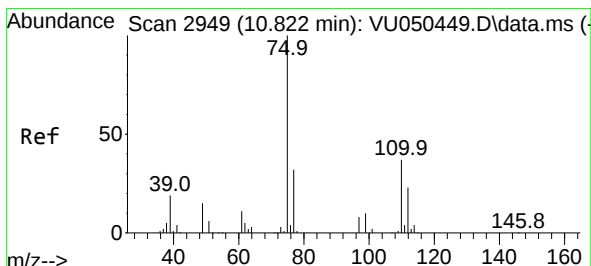
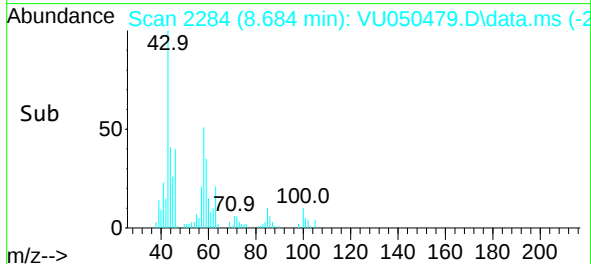
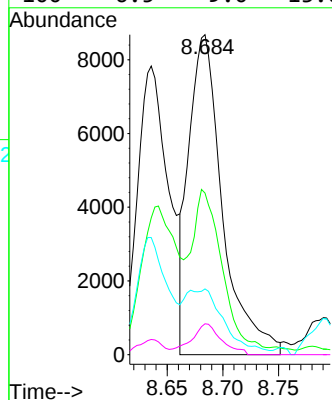


#48
2-Hexanone
Concen: 8.249 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050479.D
Acq: 29 Aug 2022 13:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 18299
Ion Ratio Lower Upper
43 100
58 36.2 47.9 71.9#
57 1.8 15.4 23.0#
100 6.5 9.0 13.6#



#60
1,2,3-Trichloropropane
Concen: 4.662 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050479.D
Acq: 29 Aug 2022 13:02

Tgt Ion: 75 Resp: 9425
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
110 1.0 29.0 43.4#

