

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032621\
 Data File : VL036505.D
 Acq On : 26 Mar 2021 7:09
 Operator :
 Sample : VL0326ABL01
 Misc : 400 mL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 26 08:28:16 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1403425	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.20	114	3263996	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.11	117	2861701	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2284942	10.02	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.20%

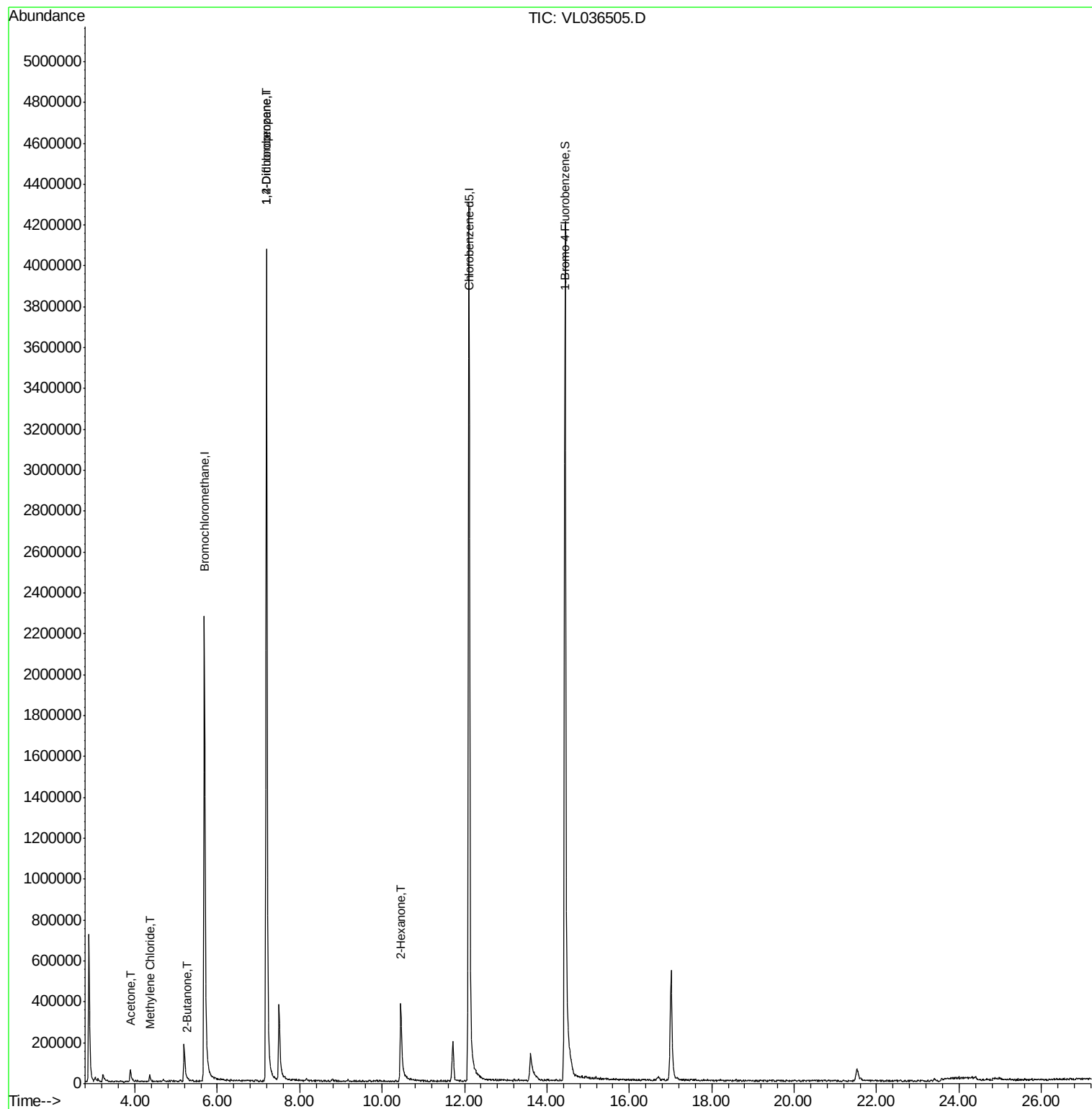
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	44063	0.319	ppbv #	1
20) Methylene Chloride	4.36	84	9500	0.147	ppbv #	66
34) 2-Butanone	5.27	43	4698	0.029	ppbv #	55
39) 1,2-Dichloropropane	7.19	63	915610	7.498	ppbv #	23
51) 2-Hexanone	10.46	43	77304	0.664	ppbv #	57

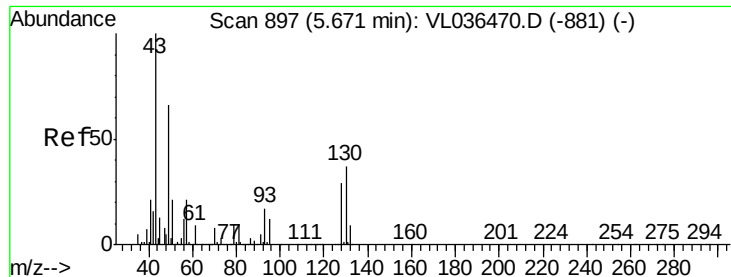
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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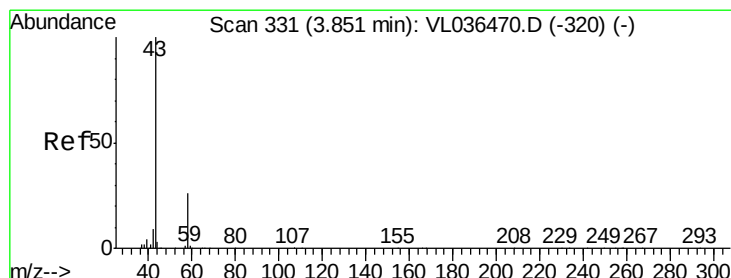
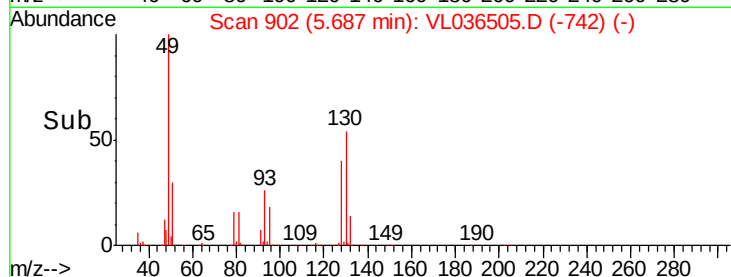
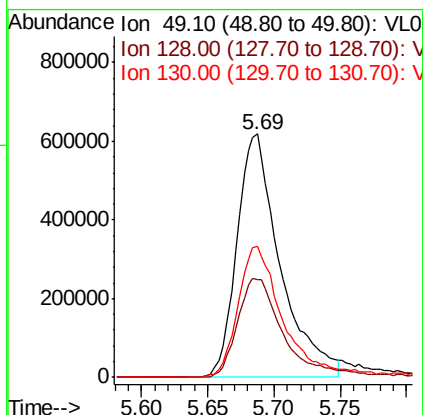
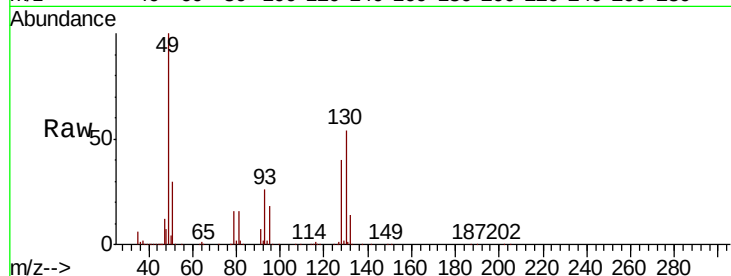




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.69 min Scan# 902
 Delta R.T. 0.02 min
 Lab File: VL036505.D
 Acq: 26 Mar 2021 7:09

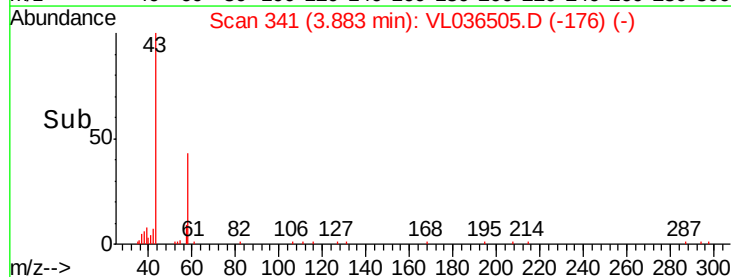
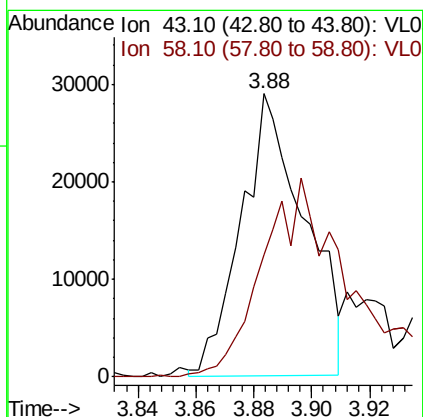
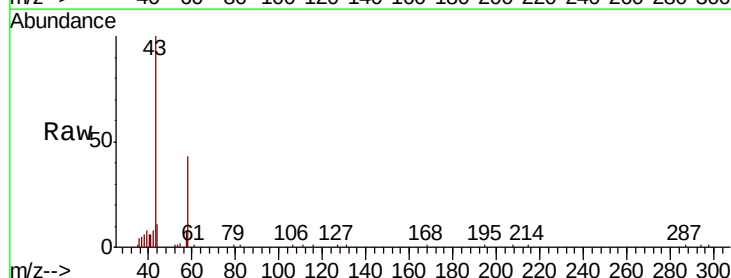
Instrument :
 MSVOA_L
 ClientSampleId :

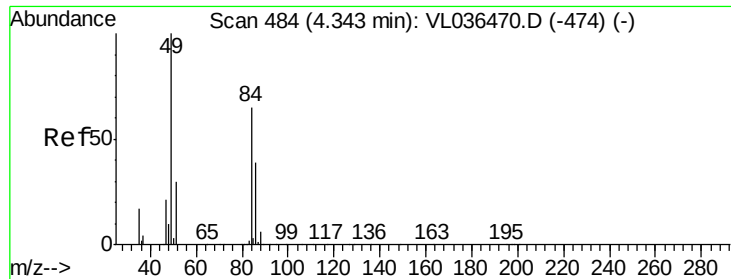
Tot Ion: 49 Resp: 1403425
 Ion Ratio Lower Upper
 49 100
 128 45.2 23.5 70.6
 130 58.4 29.1 87.4



#15
 Acetone
 Concen: 0.319 ppbv
 RT: 3.88 min Scan# 341
 Delta R.T. 0.03 min
 Lab File: VL036505.D
 Acq: 26 Mar 2021 7:09

Tgt Ion: 43 Resp: 44063
 Ion Ratio Lower Upper
 43 100
 58 106.1 21.2 31.8#

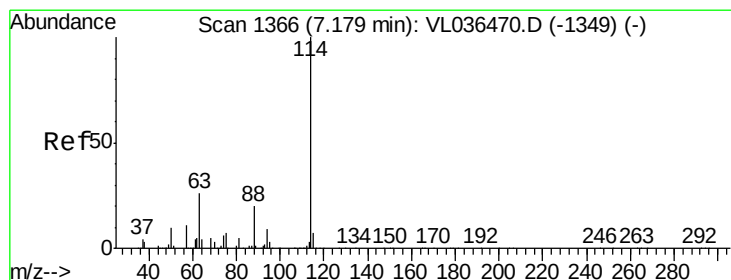
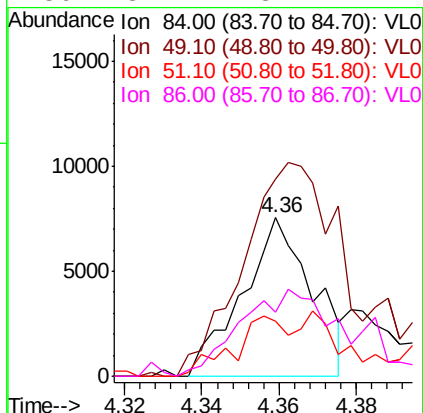
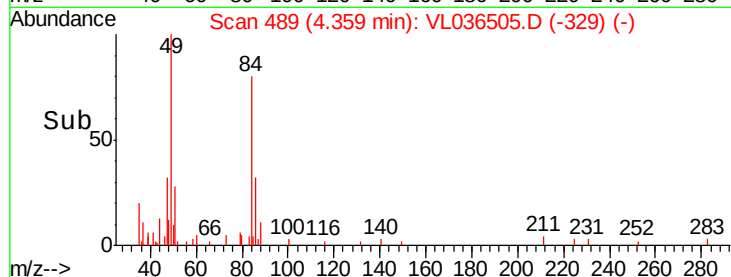
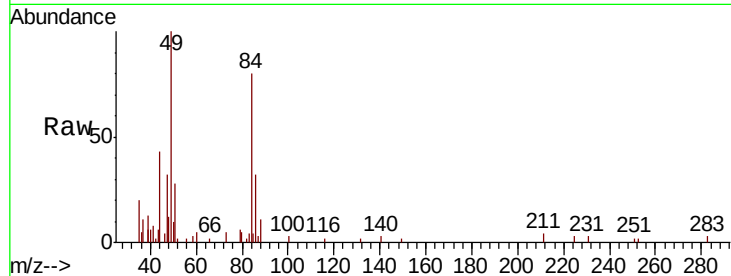




#20
Methylene Chloride
Concen: 0.147 ppbv
RT: 4.36 min Scan# 489
Delta R.T. 0.02 min
Lab File: VL036505.D
Acq: 26 Mar 2021 7:09

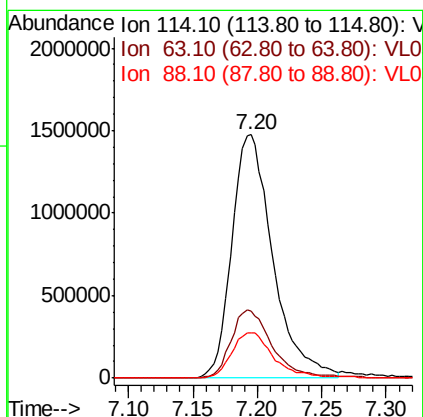
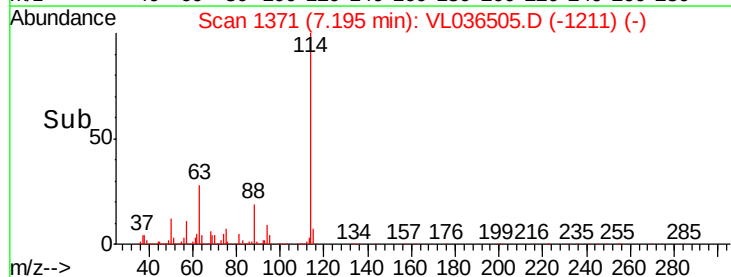
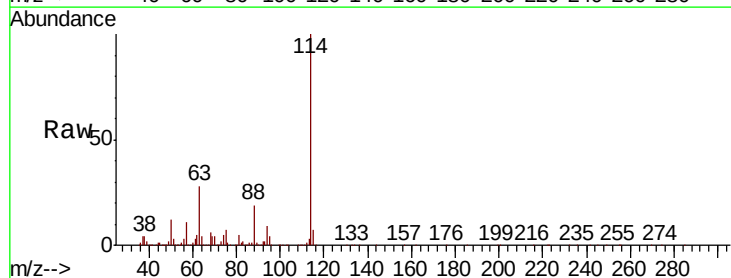
Instrument :
MSVOA_L
ClientSampleId :

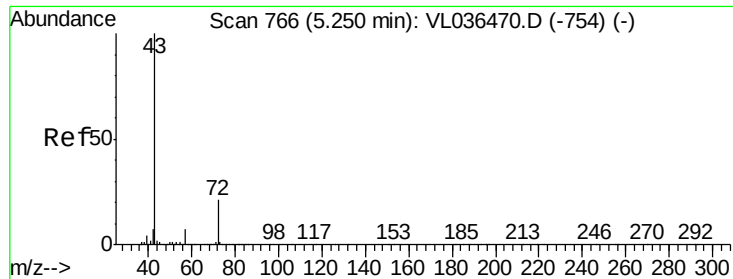
Tot Ion: 84 Resp: 9500
Ion Ratio Lower Upper
84 100
49 106.2 122.9 184.3#
51 31.4 36.9 55.3#
86 34.2 48.2 72.4#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1371
Delta R.T. 0.02 min
Lab File: VL036505.D
Acq: 26 Mar 2021 7:09

Tgt Ion: 114 Resp: 3263996
Ion Ratio Lower Upper
114 100
63 28.7 22.4 33.6
88 19.5 15.4 23.0

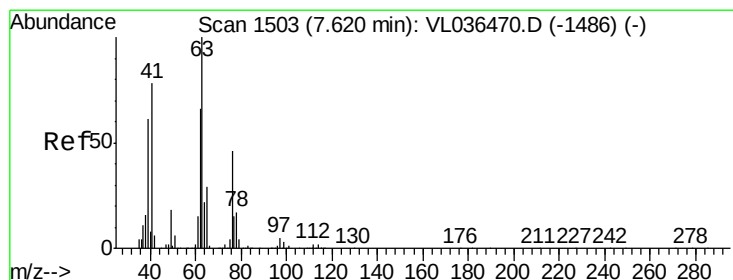
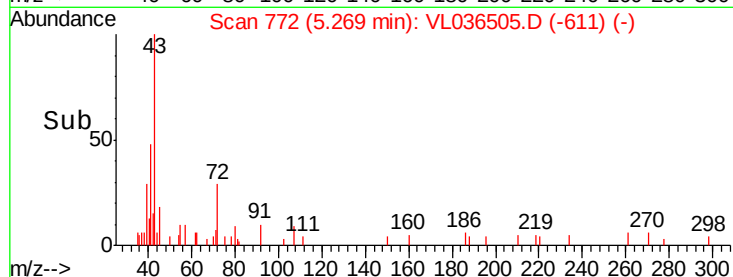
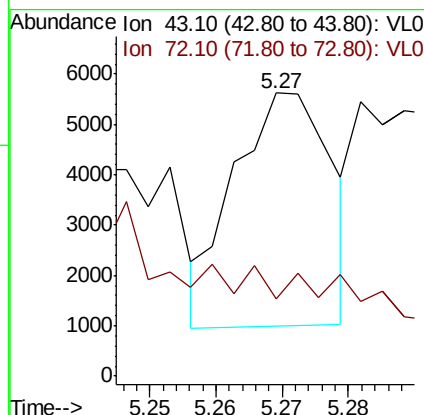
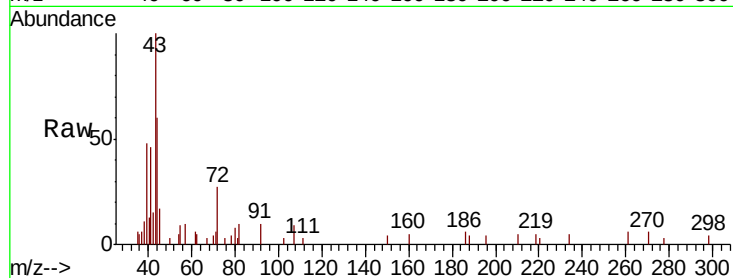




#34
2-Butanone
Concen: 0.029 ppbv
RT: 5.27 min Scan# 772
Delta R.T. 0.02 min
Lab File: VL036505.D
Acq: 26 Mar 2021 7:09

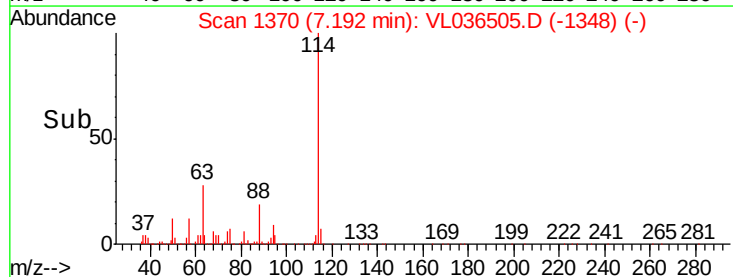
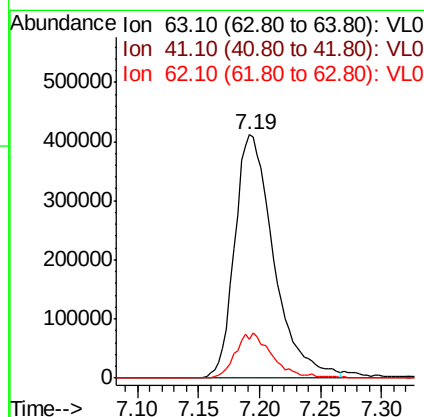
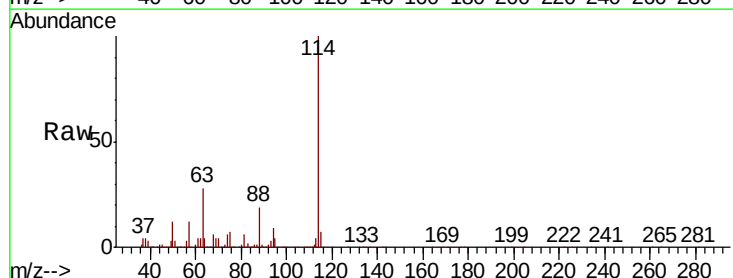
Instrument :
MSVOA_L
ClientSampleId :

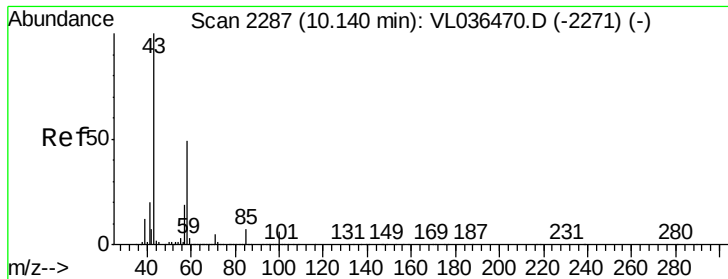
Tot Ion: 43 Resp: 4698
Ion Ratio Lower Upper
43 100
72 0.0 17.0 25.6#



#39
1,2-Dichloropropane
Concen: 7.498 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.43 min
Lab File: VL036505.D
Acq: 26 Mar 2021 7:09

Tgt Ion: 63 Resp: 915610
Ion Ratio Lower Upper
63 100
41 0.0 62.4 93.6#
62 15.8 52.8 79.2#

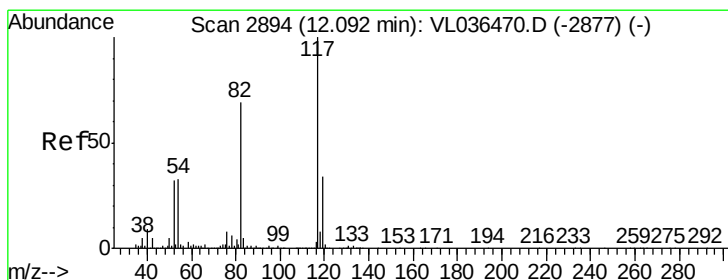
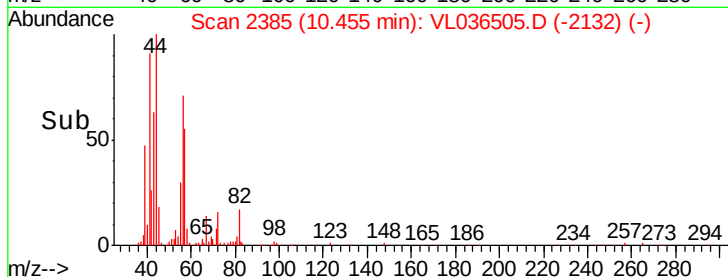
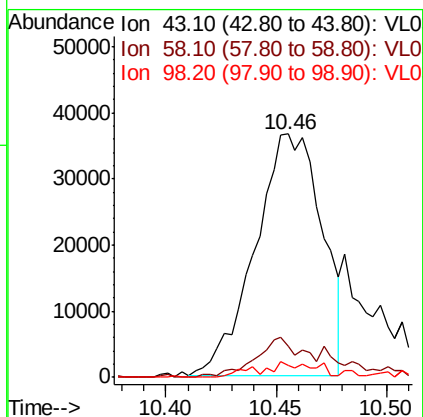
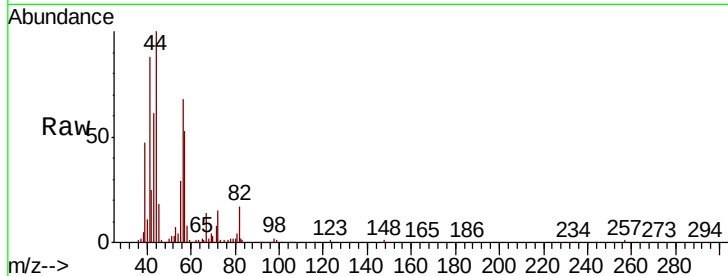




#51
2-Hexanone
Concen: 0.664 ppbv
RT: 10.46 min Scan# 2385
Delta R.T. 0.32 min
Lab File: VL036505.D
Acq: 26 Mar 2021 7:09

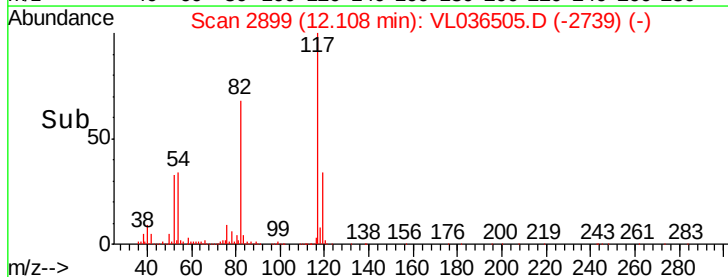
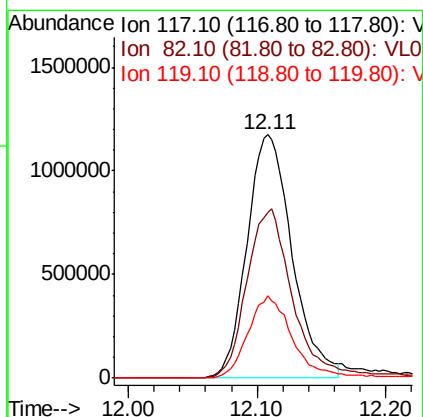
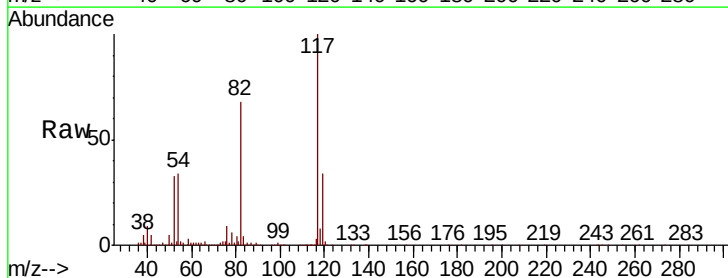
Instrument :
MSVOA_L
ClientSampleId :

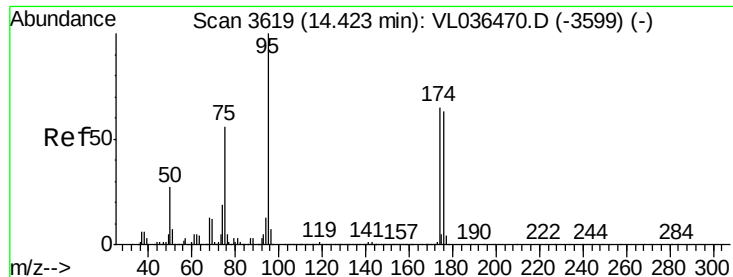
Tot Ion: 43 Resp: 77304
Ion Ratio Lower Upper
43 100
58 18.1 37.7 56.5#
98 7.4 0.2 0.2#



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. 0.02 min
Lab File: VL036505.D
Acq: 26 Mar 2021 7:09

Tgt Ion: 117 Resp: 2861701
Ion Ratio Lower Upper
117 100
82 72.9 57.4 86.0
119 34.7 47.4 71.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.018 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. 0.01 min

Lab File: VL036505.D

Acq: 26 Mar 2021 7:09

Instrument :

MSVOA_L

ClientSampleId :

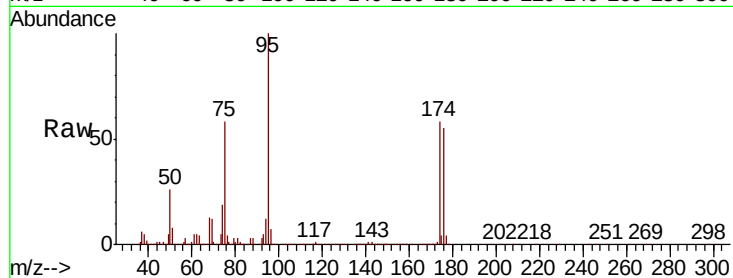
Tot Ion: 95 Resp: 2284942

Ion Ratio Lower Upper

95 100

174 66.3 51.0 76.6

175 4.7 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): VL0
1200000
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

