

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
 Data File : VL037805.D
 Acq On : 7 Oct 2021 21:03
 Operator : SY/AP
 Sample : M4079-10DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P16DL

Manual Integrations
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Quant Time: Oct 08 10:57:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Oct 0
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1447074	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	4163403	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3625496	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2526981	9.97	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	12328m	0.120	ppbv	
13) Ethanol	3.61	45	19361m	2.314	ppbv	
15) Acetone	3.85	43	42094	0.324	ppbv	95
20) Methylene Chloride	4.34	84	53935	0.822	ppbv	91
26) Hexane	5.67	57	33294m	0.185	ppbv	
29) Chloroform	5.74	83	37374	0.146	ppbv #	77
52) Tetrachloroethene	11.20	164	28723m	0.208	ppbv	

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

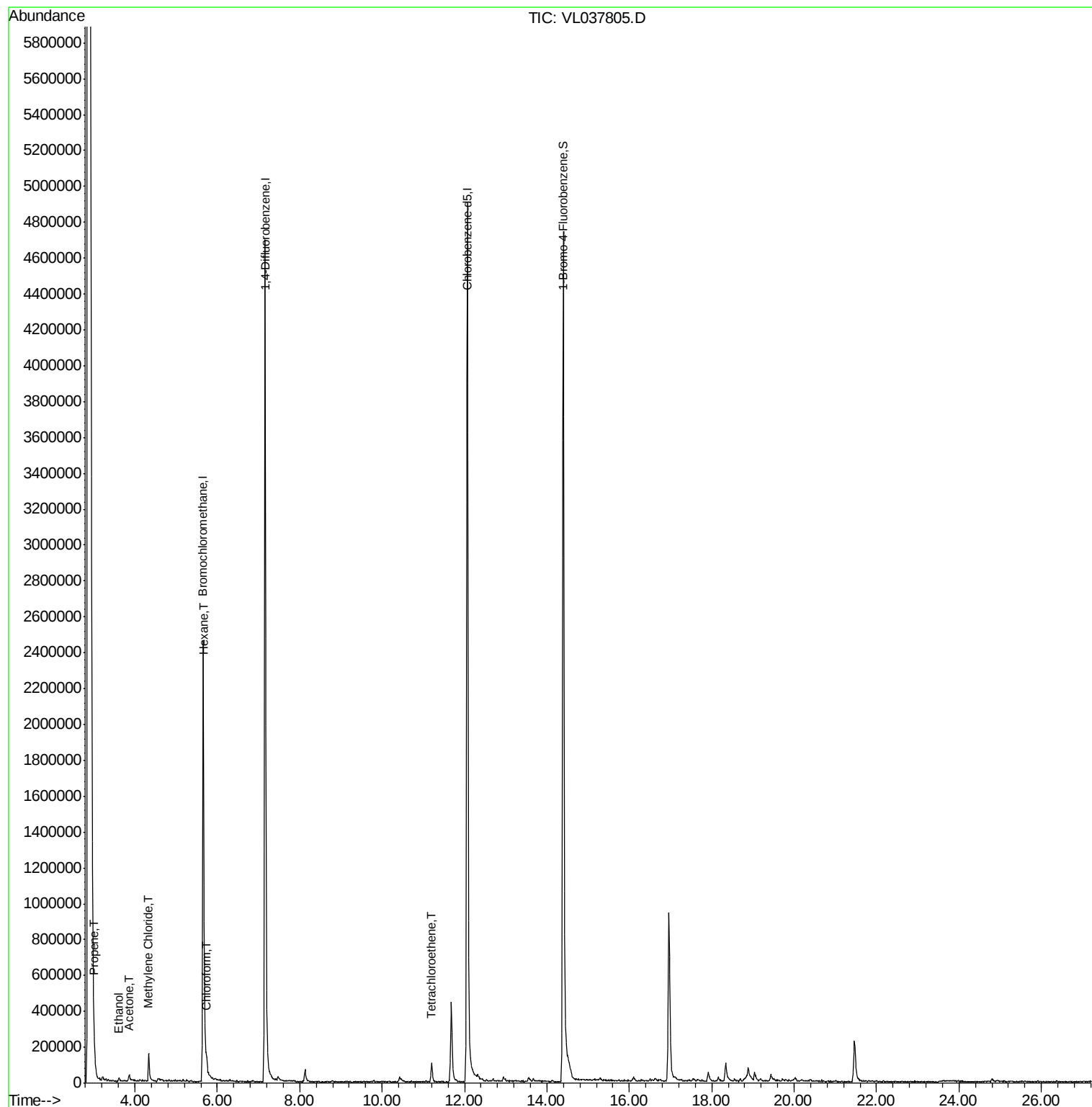
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
Data File : VL037805.D
Acq On : 7 Oct 2021 21:03
Operator : SY/AP
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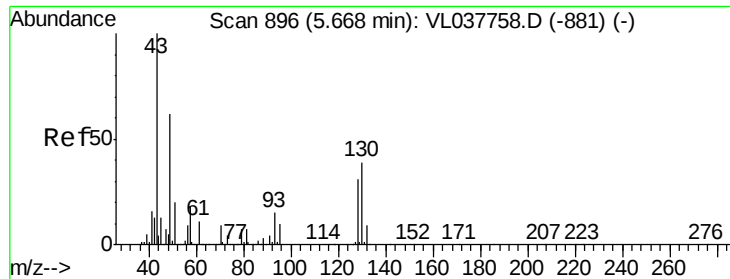
Instrument :
MSVOA_L
ClientSampleId :
C0P16DL

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Quant Time: Oct 08 10:57:54 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration





#1

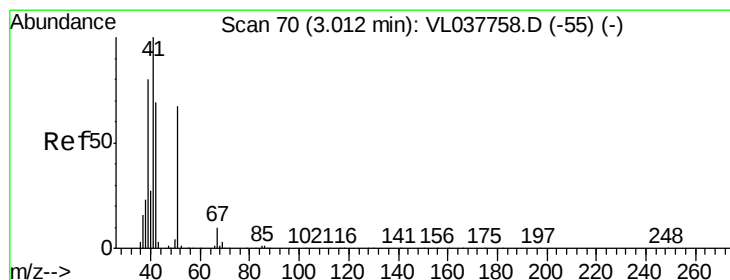
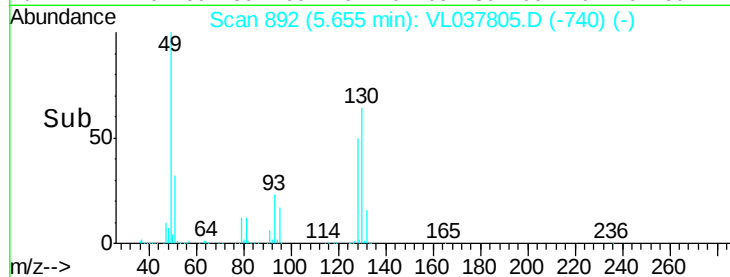
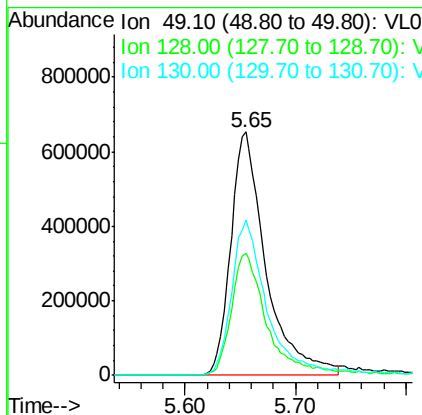
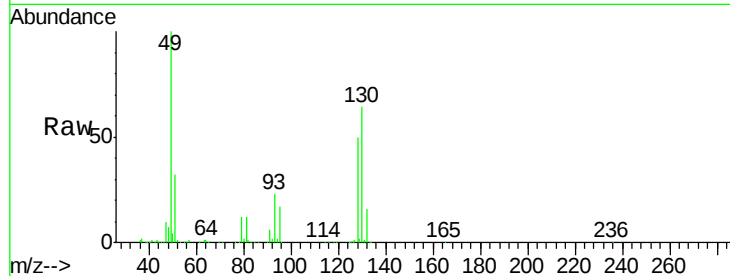
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: VL037805.D
 Acq: 7 Oct 2021 21:03

Instrument :
 MSVOA_L
 ClientSampleID :
 C0P16DL

Tgt Ion: 49 Resp: 1447074
 Ion Ratio Lower Upper
 49 100
 128 51.8 27.1 81.3
 130 66.4 33.2 99.6

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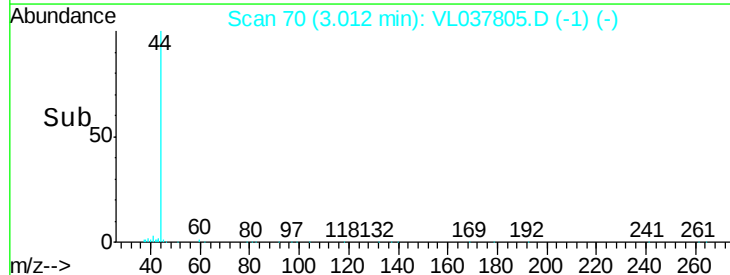
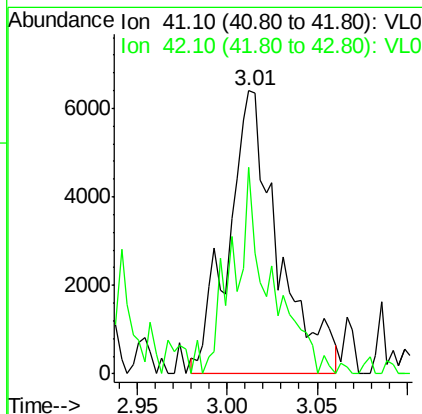
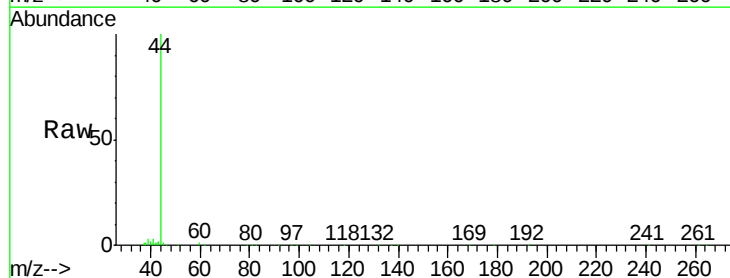
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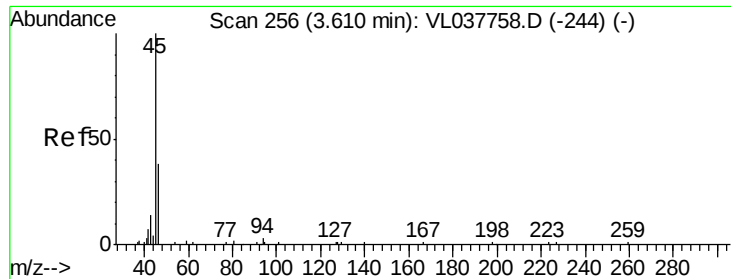


#9

Propene
 Concen: 0.120 ppbv m
 RT: 3.01 min Scan# 70
 Delta R.T. 0.00 min
 Lab File: VL037805.D
 Acq: 7 Oct 2021 21:03

Tgt Ion: 41 Resp: 12328
 Ion Ratio Lower Upper
 41 100
 42 59.6 54.2 81.2





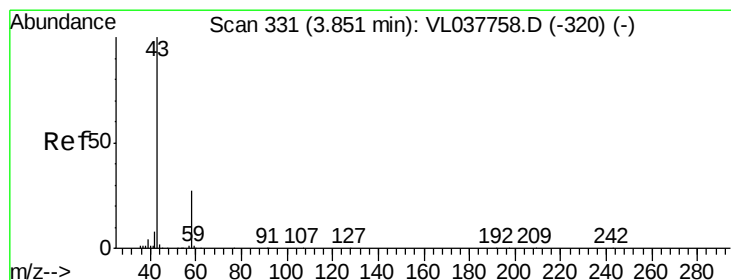
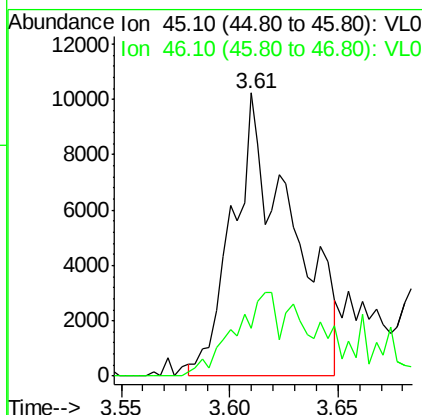
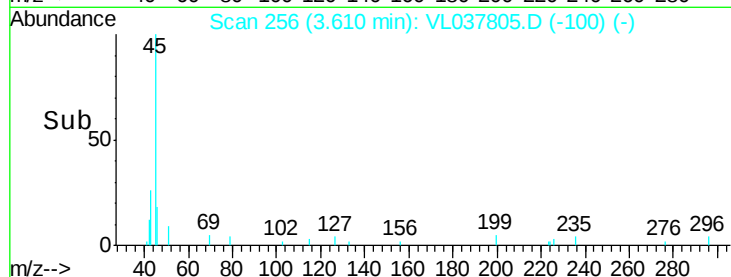
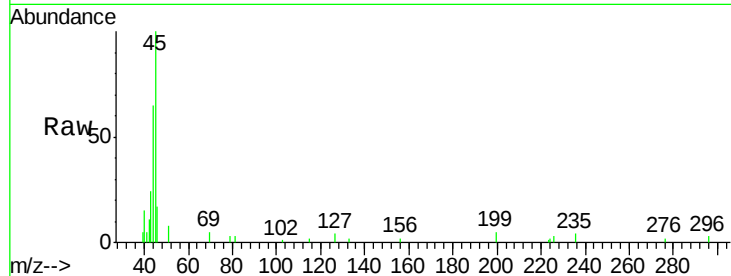
#13
Ethanol
Concen: 2.314 ppbv m
RT: 3.61 min Scan# 256
Delta R.T. 0.00 min
Lab File: VL037805.D
Acq: 7 Oct 2021 21:03

Instrument :
MSVOA_L
ClientSampled :
C0P16DL

Tgt Ion: 45 Resp: 19361
Ion Ratio Lower Upper
45 100
46 0.0 20.2 81.0#

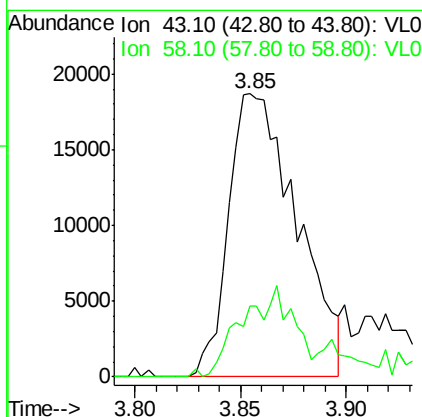
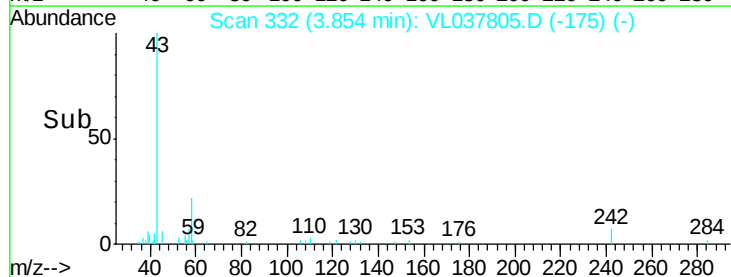
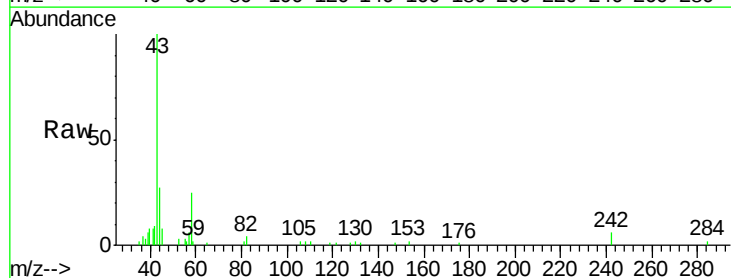
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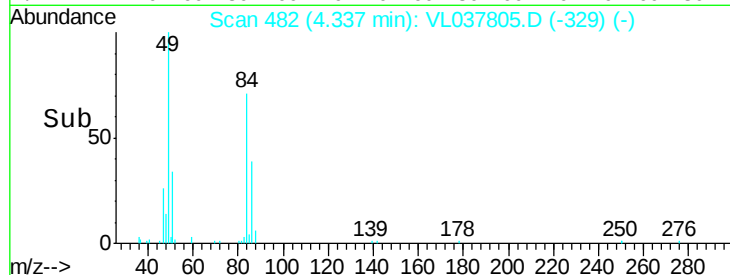
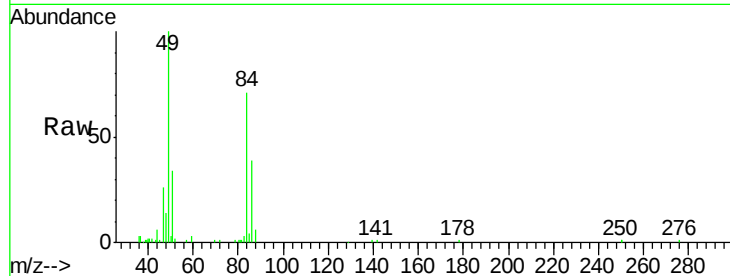
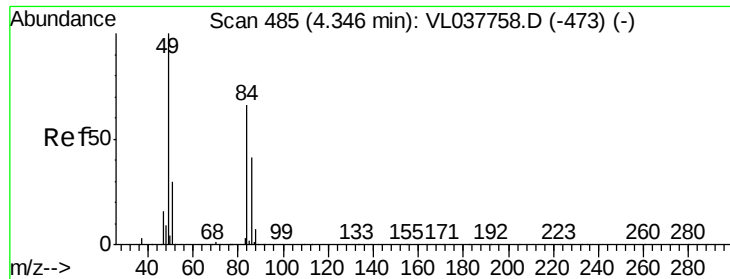
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#15
Acetone
Concen: 0.324 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.00 min
Lab File: VL037805.D
Acq: 7 Oct 2021 21:03

Tgt Ion: 43 Resp: 42094
Ion Ratio Lower Upper
43 100
58 31.5 23.0 34.6





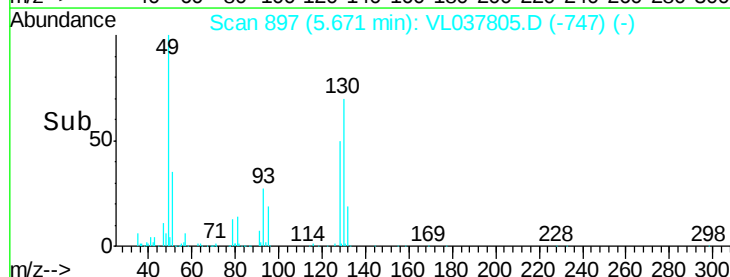
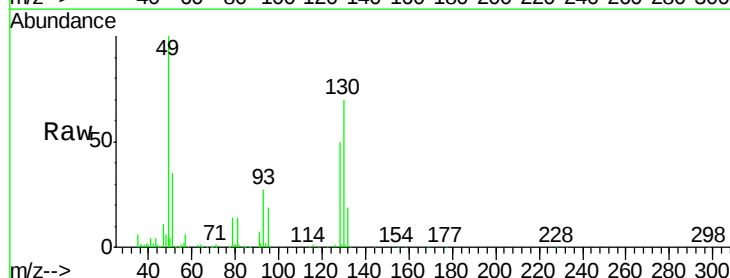
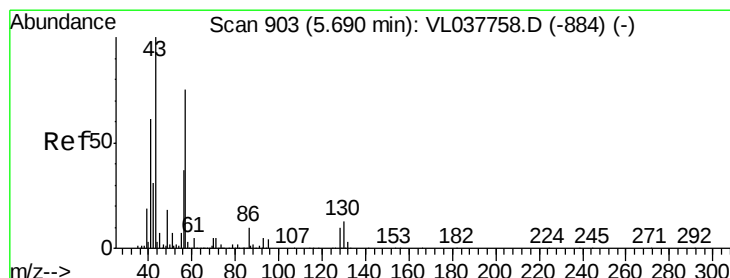
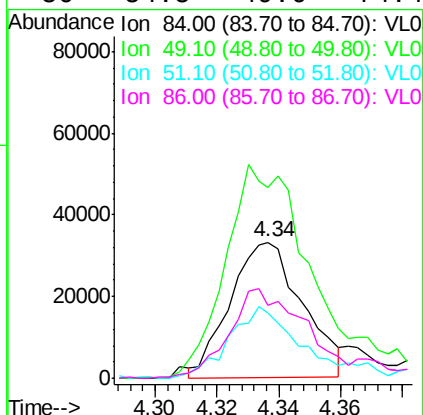
#20
Methylene Chloride
Concen: 0.822 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL037805.D
Acq: 7 Oct 2021 21:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	136.6	120.7	181.1
51	47.1	36.2	54.4
86	54.5	49.6	74.4

Instrument :
MSVOA_L
ClientSampleId :
C0P16DL

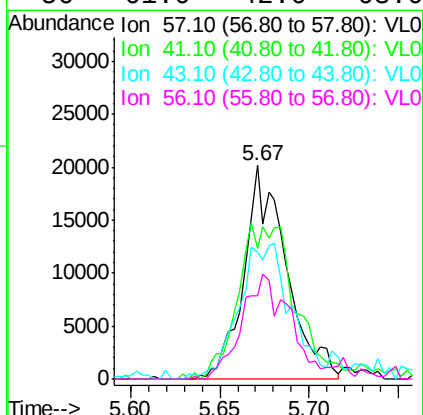
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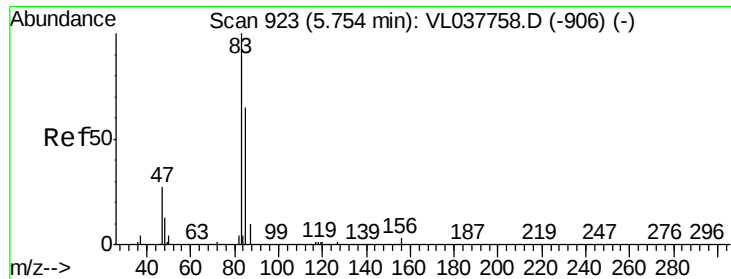
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#26
Hexane
Concen: 0.185 ppbv m
RT: 5.67 min Scan# 897
Delta R.T. -0.02 min
Lab File: VL037805.D
Acq: 7 Oct 2021 21:03

Tgt Ion	Ratio	Lower	Upper
57	100		
41	0.0	69.6	104.4#
43	80.6	171.4	257.0#
56	61.0	42.0	63.0





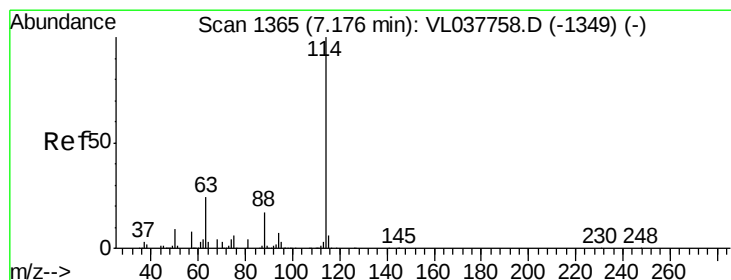
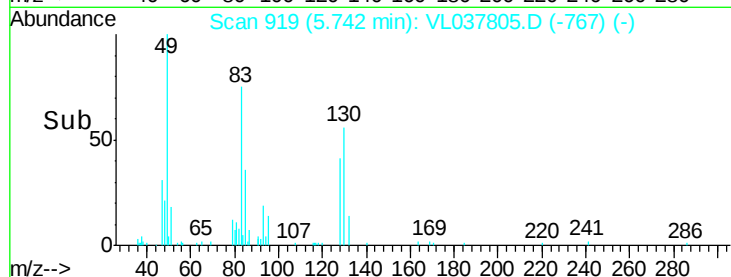
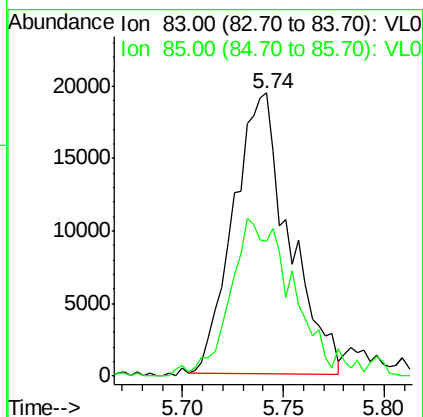
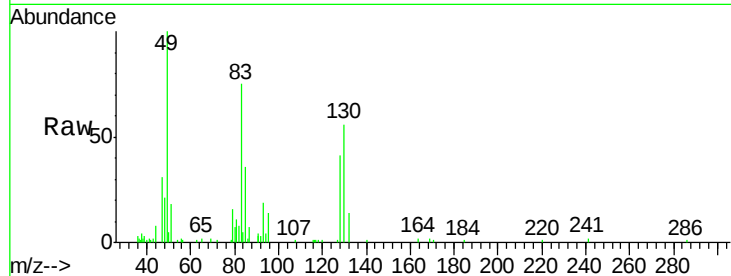
#29
Chloroform
Concen: 0.146 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.01 min
Lab File: VL037805.D
Acq: 7 Oct 2021 21:03

Instrument :
MSVOA_L
ClientSampled :
C0P16DL

Tgt Ion: 83 Resp: 37374
Ion Ratio Lower Upper
83 100
85 46.9 51.8 77.8#

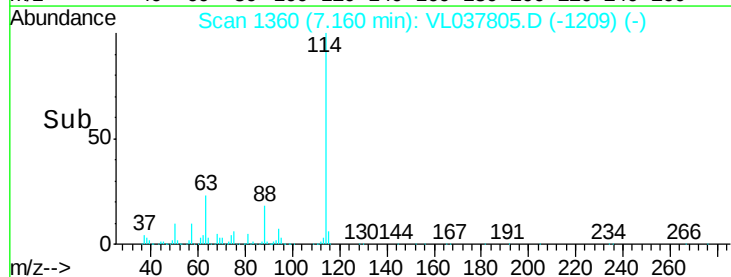
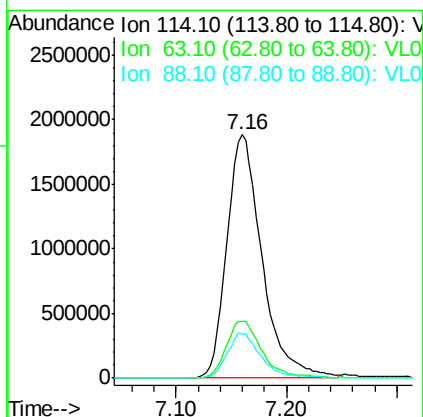
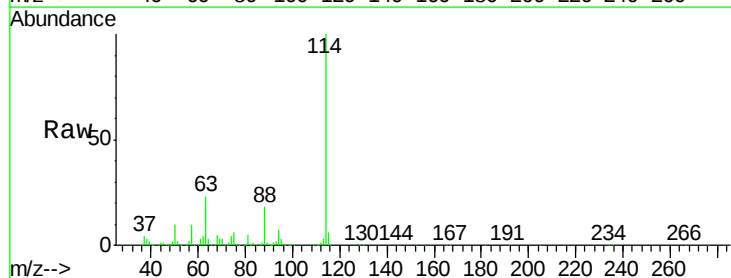
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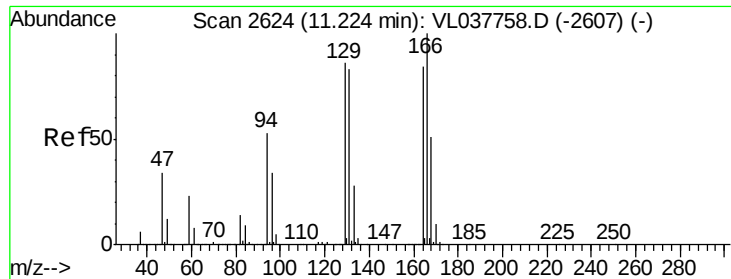
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.02 min
Lab File: VL037805.D
Acq: 7 Oct 2021 21:03

Tgt Ion: 114 Resp: 4163403
Ion Ratio Lower Upper
114 100
63 24.1 19.4 29.2
88 18.0 14.4 21.6





#52

Tetrachloroethene

Concen: 0.208 ppbv m

RT: 11.20 min Scan# 2617

Delta R.T. -0.02 min

Lab File: VL037805.D

Acq: 7 Oct 2021 21:03

Instrument :

MSVOA_L

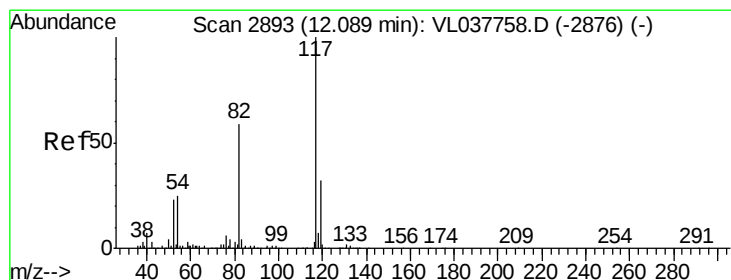
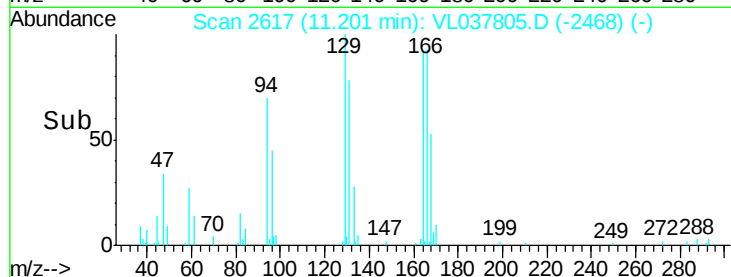
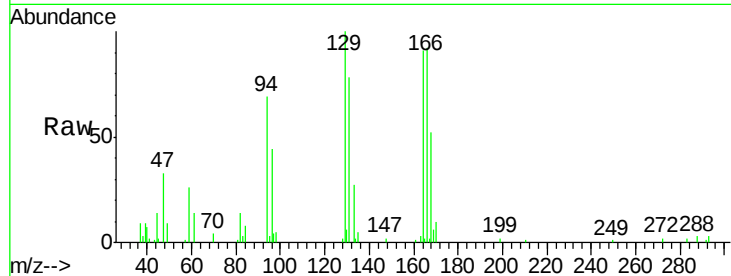
ClientSampleId :

C0P16DL

Tgt Ion:	164	Resp:	28723
Ion Ratio	Lower	Upper	
164	100		
166	101.9	95.4	143.2
129	110.4	82.2	123.4
131	85.5	79.4	119.2

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

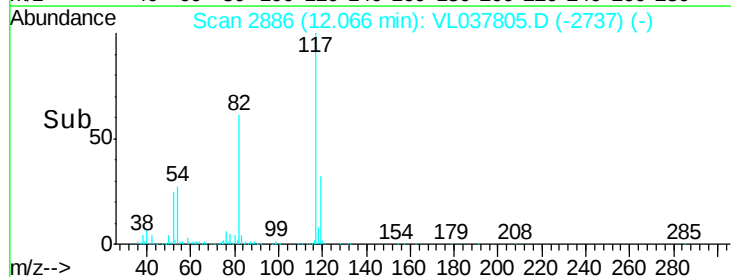
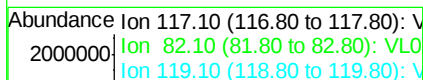
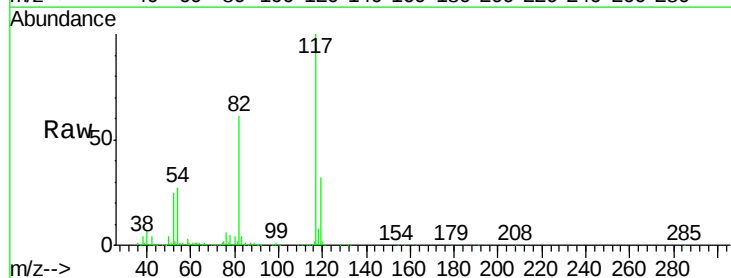
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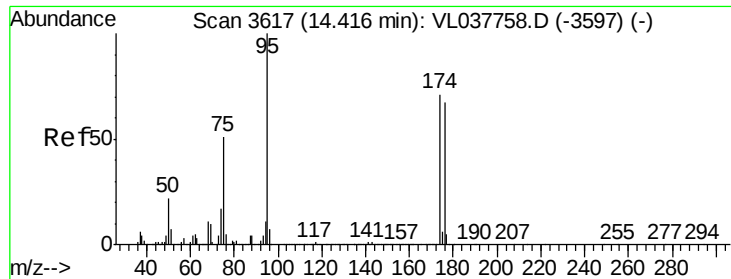
Delta R.T. -0.02 min

Lab File: VL037805.D

Acq: 7 Oct 2021 21:03

Tgt Ion:	117	Resp:	3625496
Ion Ratio	Lower	Upper	
117	100		
82	63.5	52.2	78.2
119	33.3	26.0	39.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.967 ppbv
 RT: 14.40 min Scan# 3611
 Delta R.T. -0.02 min
 Lab File: VL037805.D
 Acq: 7 Oct 2021 21:03

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P16DL

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.0	57.8	86.6
175	5.7	4.7	7.1

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