

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110420\
 Data File : VL035841.D
 Acq On : 4 Nov 2020 20:06
 Operator : SY/AP
 Sample : L4610-06DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV6DDL

Manual Integrations
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Quant Time: Nov 05 04:50:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1035969	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	4671901	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	4272015	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	3040571	10.02	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	26799	0.590	ppbv	98
13) Ethanol	3.60	45	7183m	0.729	ppbv	
15) Acetone	3.83	43	202569	1.829	ppbv	89
20) Methylene Chloride	4.31	84	32938	0.422	ppbv	96
26) Hexane	5.65	57	20994m	0.174	ppbv	
52) Tetrachloroethene	11.19	164	7046m	0.043	ppbv	
53) Toluene	9.77	91	45729m	0.109	ppbv	

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

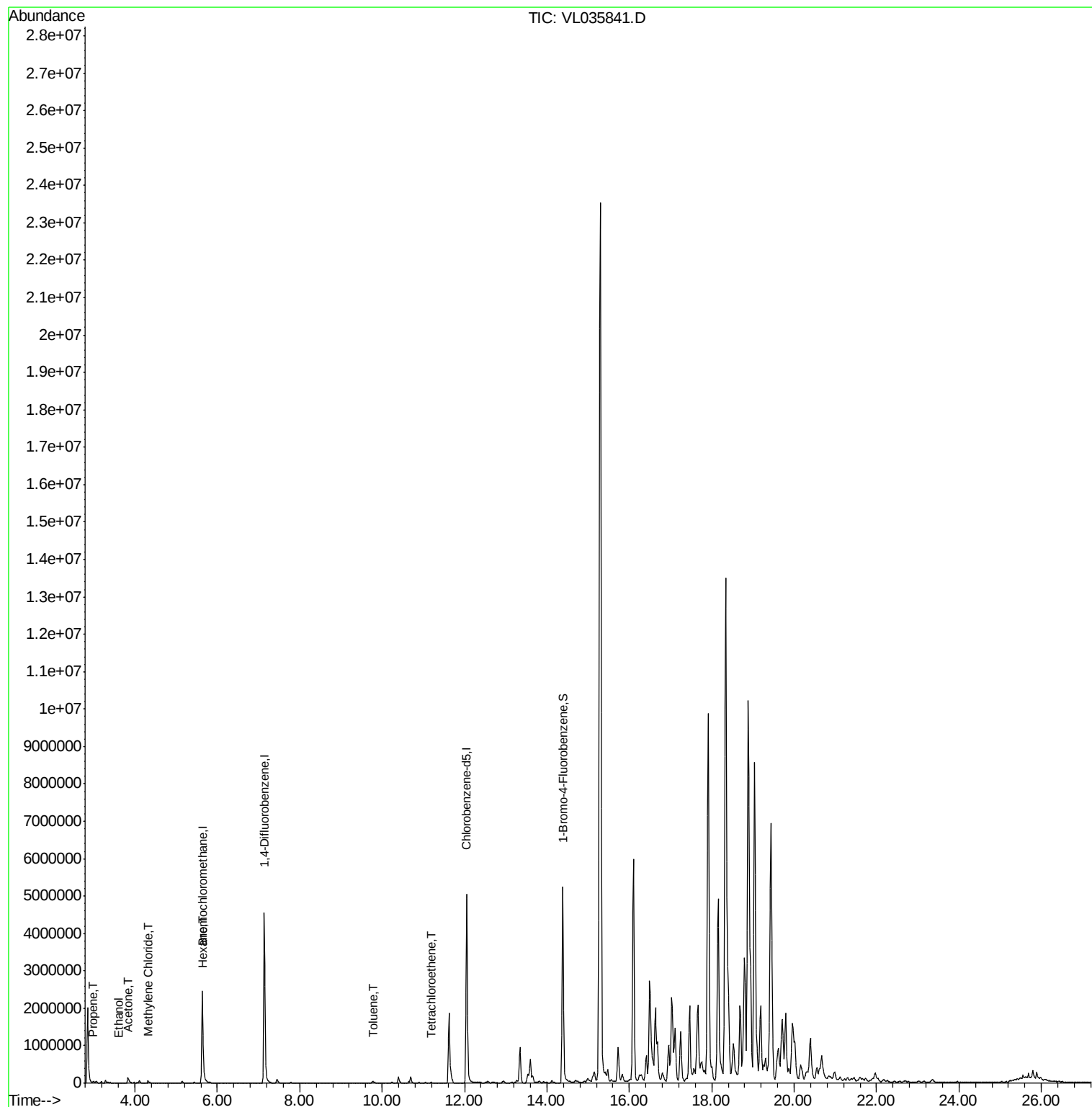
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110420\
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ALS Vial : 1 Sample Multiplier: 1

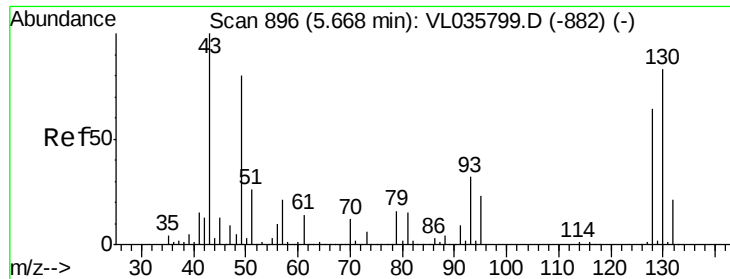
Instrument :
MSVOA_L
ClientSampleId :
SV6DDL

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QLast Update : Wed Nov 04 02:40:06 2020
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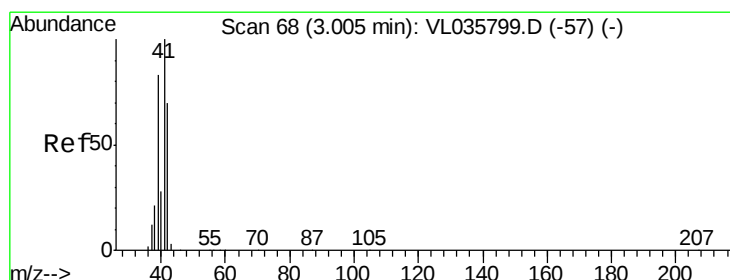
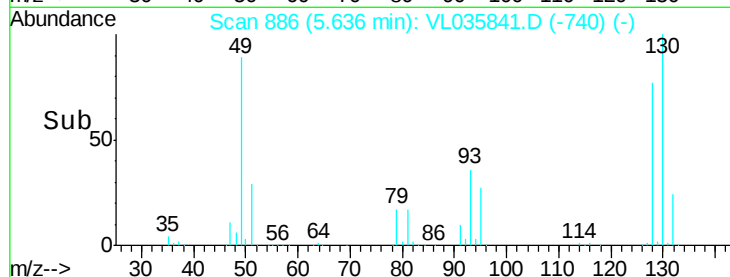
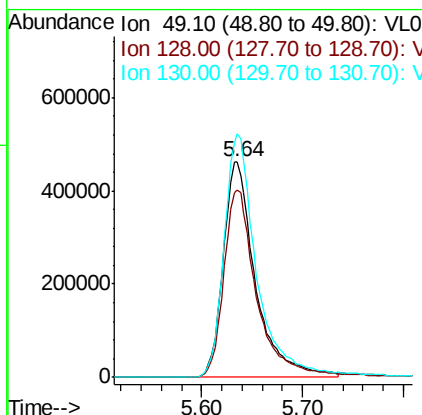
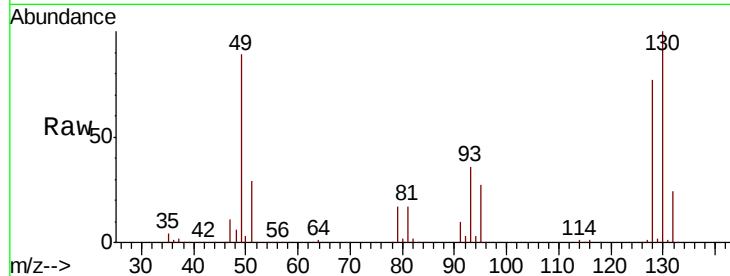
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 886
Delta R.T. -0.03 min
Lab File: VL035841.D
Acq: 4 Nov 2020 20:06

Instrument :
MSVOA_L
ClientSampleId :
SV6DDL

Tot Ion: 49 Resp: 1035969
Ion Ratio Lower Upper
49 100
128 90.5 41.5 124.6
130 116.6 53.7 161.1

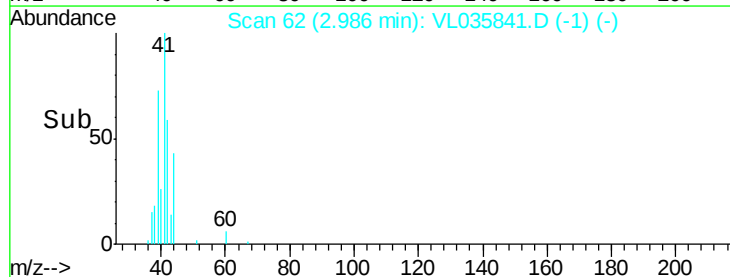
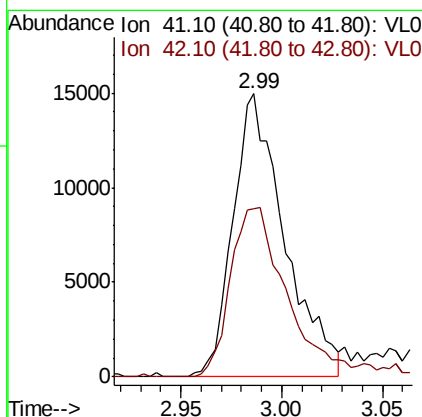
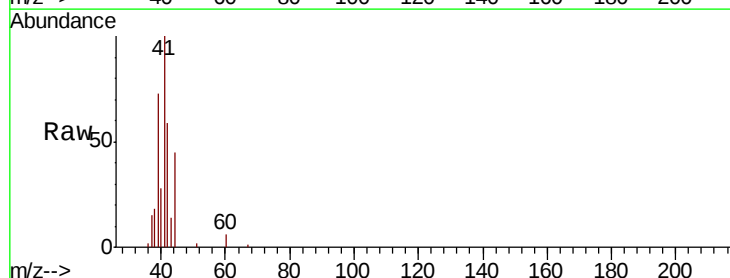
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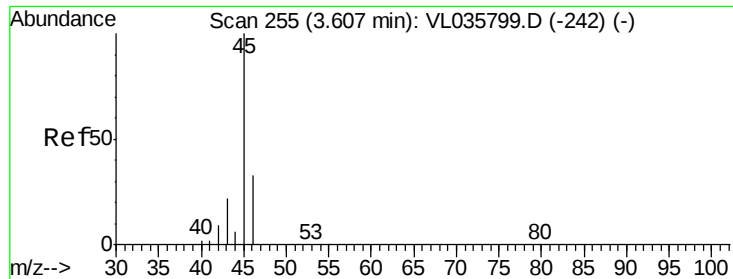
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#9
Propene
Concen: 0.590 ppbv
RT: 2.99 min Scan# 62
Delta R.T. -0.02 min
Lab File: VL035841.D
Acq: 4 Nov 2020 20:06

Tgt Ion: 41 Resp: 26799
Ion Ratio Lower Upper
41 100
42 68.7 56.2 84.4





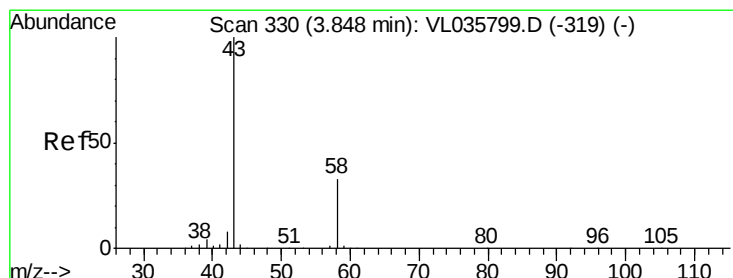
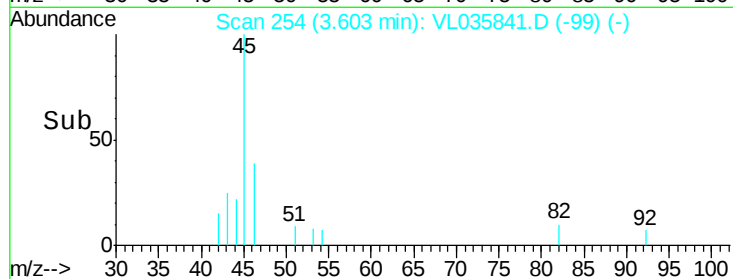
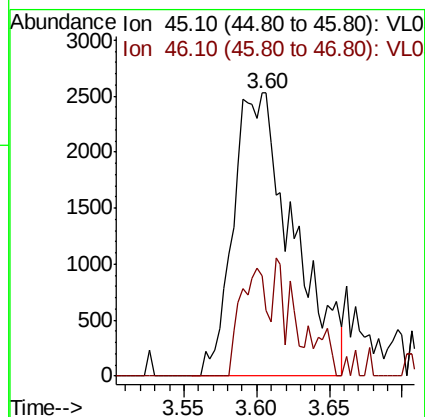
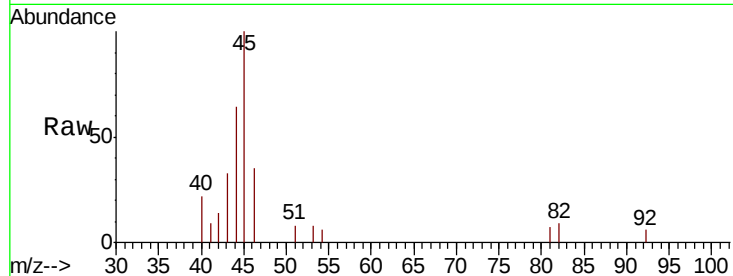
#13
Ethanol
Concen: 0.729 ppbv m
RT: 3.60 min Scan# 254
Delta R.T. -0.00 min
Lab File: VL035841.D
Acq: 4 Nov 2020 20:06

Instrument :
MSVOA_L
ClientSampled :
SV6DDL

Tot Ion: 45 Resp: 7183
Ion Ratio Lower Upper
45 100
46 0.0 16.1 64.5#

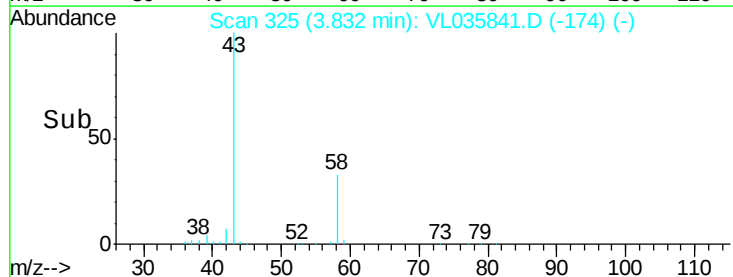
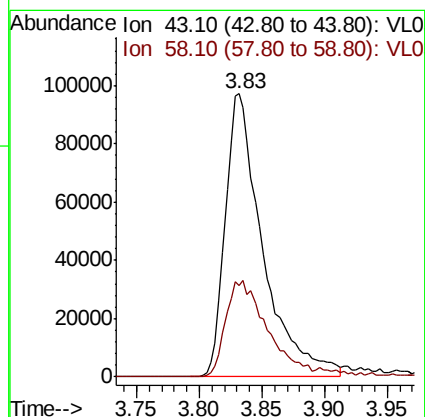
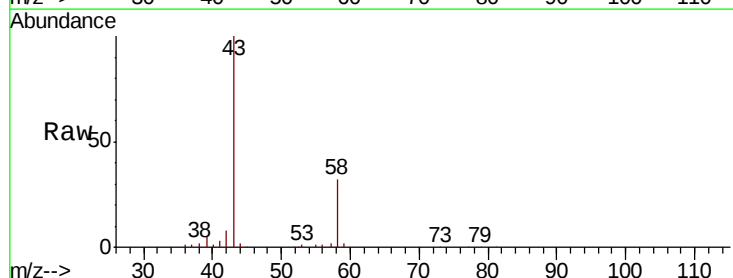
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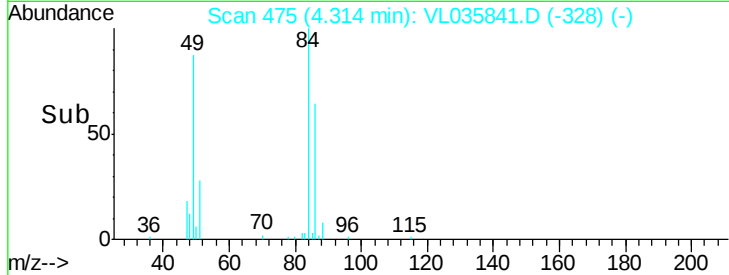
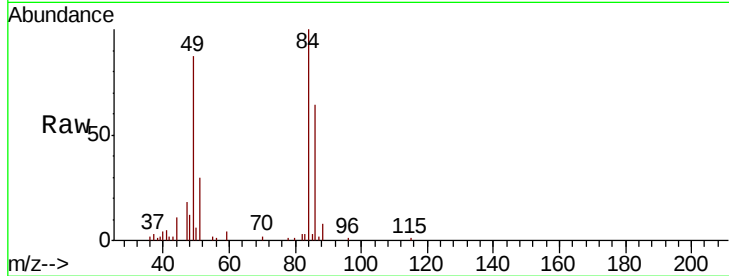
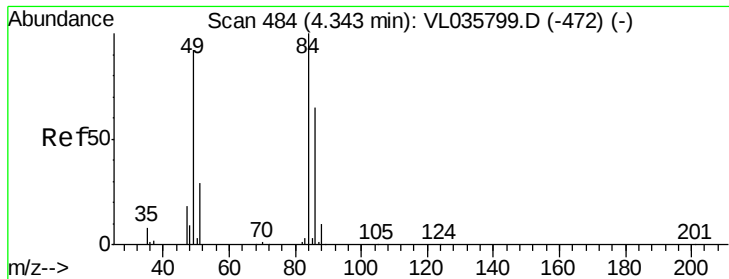
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#15
Acetone
Concen: 1.829 ppbv
RT: 3.83 min Scan# 325
Delta R.T. -0.02 min
Lab File: VL035841.D
Acq: 4 Nov 2020 20:06

Tgt Ion: 43 Resp: 202569
Ion Ratio Lower Upper
43 100
58 40.8 27.5 41.3





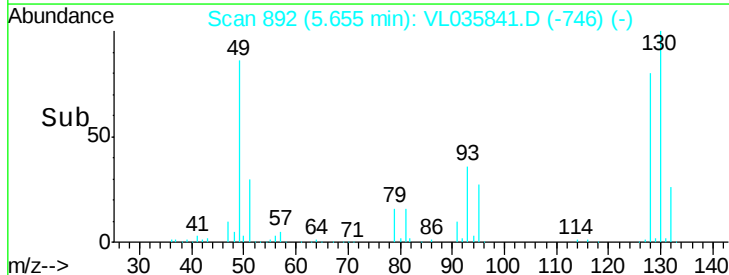
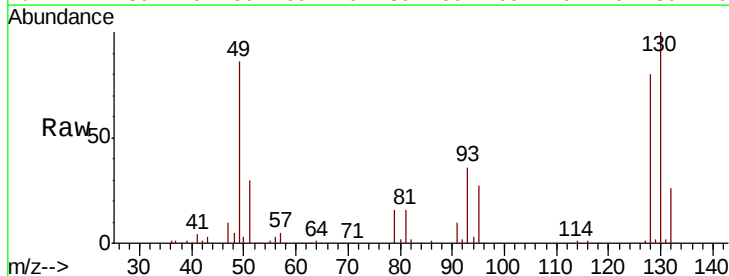
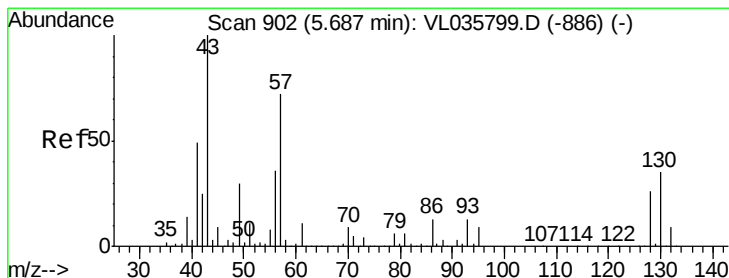
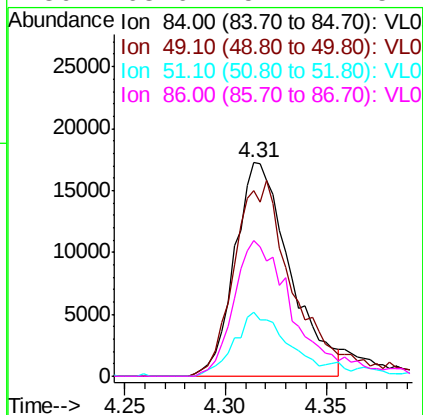
#20
Methvlene Chloride
Concen: 0.422 ppbv
RT: 4.31 min Scan# 475
Delta R.T. -0.03 min
Lab File: VL035841.D
Acq: 4 Nov 2020 20:06

Tot Ion:	84	Resp:	32938
Ion	Ratio	Lower	Upper
84	100		
49	86.9	73.8	110.8
51	29.8	23.0	34.4
86	63.6	52.1	78.1

Instrument :
MSVOA_L
ClientSampled :
SV6DDL

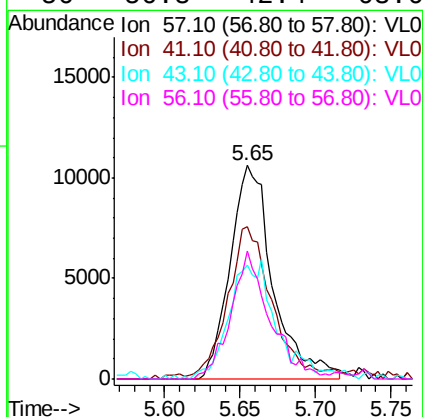
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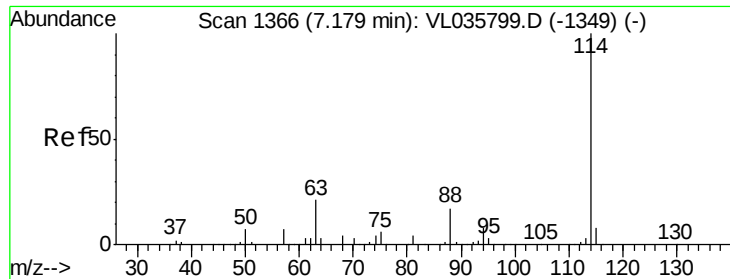
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#26
Hexane
Concen: 0.174 ppbv m
RT: 5.65 min Scan# 892
Delta R.T. -0.03 min
Lab File: VL035841.D
Acq: 4 Nov 2020 20:06

Tgt Ion:	57	Resp:	20994
Ion	Ratio	Lower	Upper
57	100		
41	78.4	58.9	88.3
43	63.9	150.2	225.2#
56	56.8	42.4	63.6





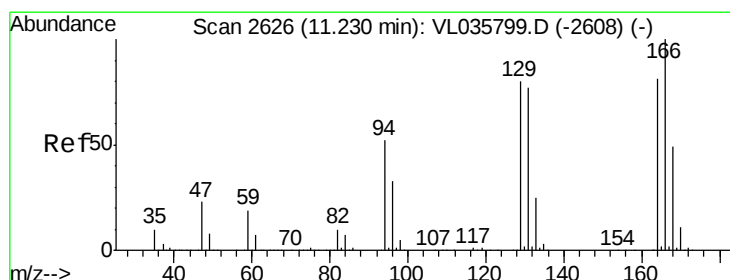
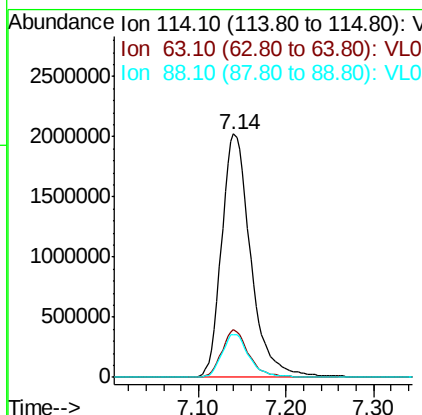
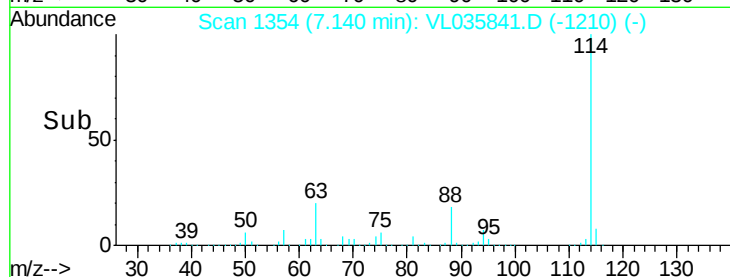
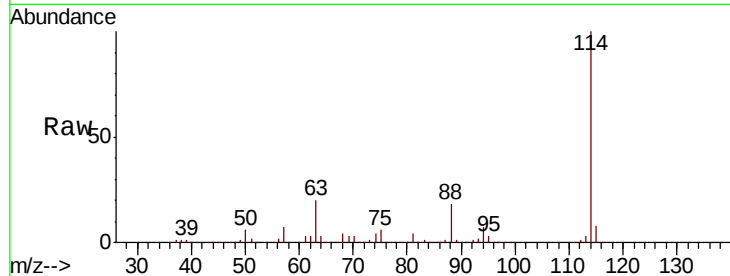
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14 min Scan# 1354
 Delta R.T. -0.04 min
 Lab File: VL035841.D
 Acq: 4 Nov 2020 20:06

Instrument :
 MSVOA_L
 ClientSampled :
 SV6DDL

Tot Ion:	114	Resp:	4671901
Ion	Ratio	Lower	Upper
114	100		
63	18.3	16.1	24.1
88	16.9	13.7	20.5

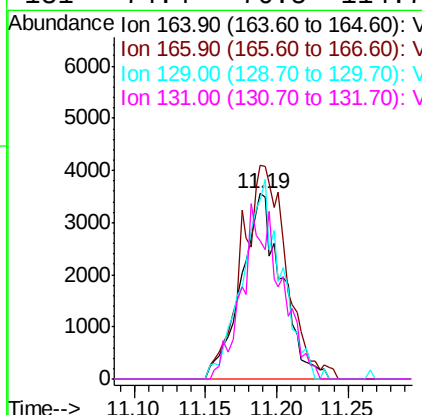
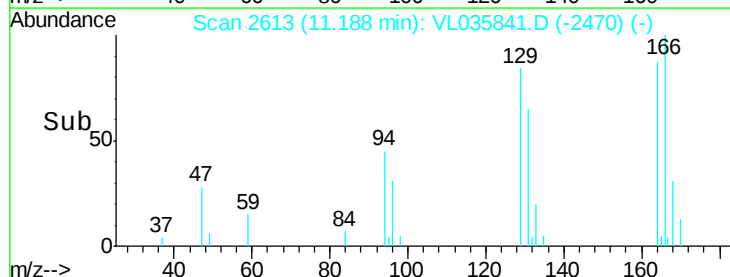
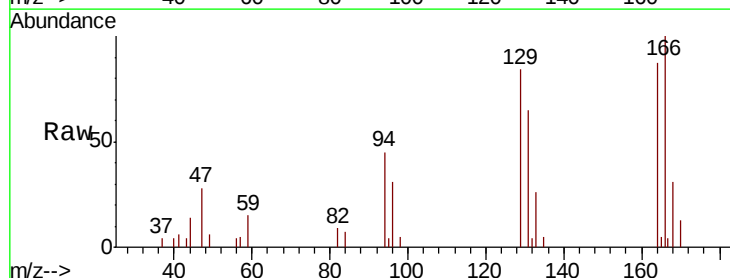
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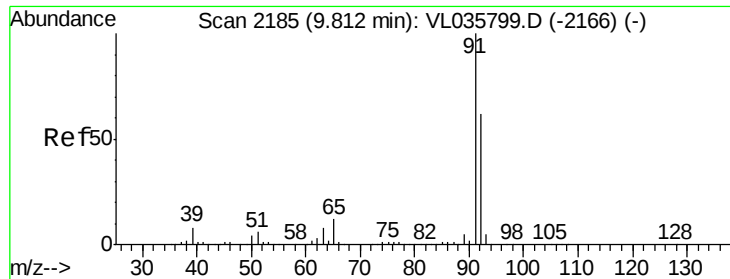
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#52
 Tetrachloroethene
 Concen: 0.043 ppbv m
 RT: 11.19 min Scan# 2613
 Delta R.T. -0.04 min
 Lab File: VL035841.D
 Acq: 4 Nov 2020 20:06

Tgt Ion:	164	Resp:	7046
Ion	Ratio	Lower	Upper
164	100		
166	115.2	99.3	148.9
129	96.6	79.3	118.9
131	74.4	76.5	114.7#





#53

Toluene

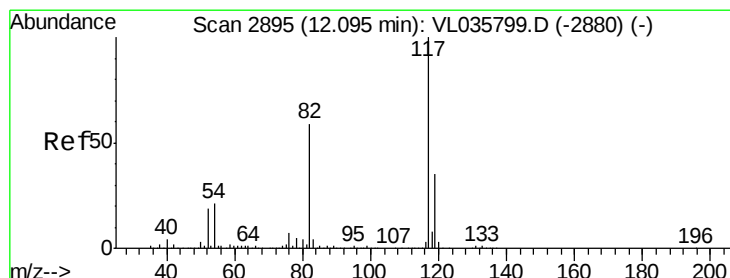
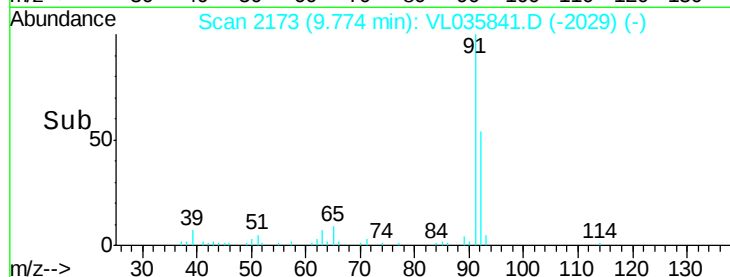
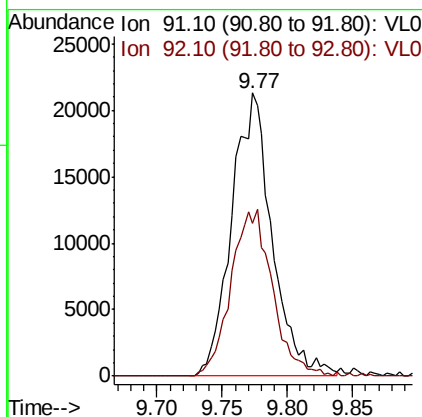
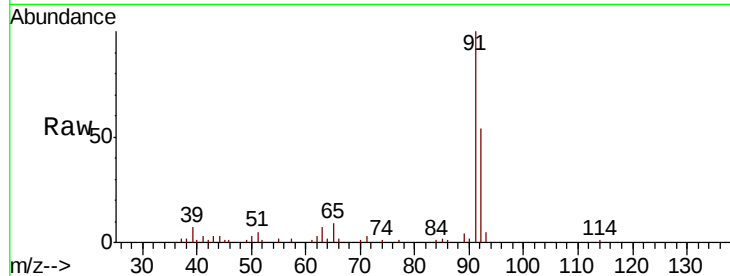
Concen: 0.109 ppbv m
RT: 9.77 min Scan# 2173
Delta R.T. -0.04 min
Lab File: VL035841.D
Acq: 4 Nov 2020 20:06

Instrument :
MSVOA_L
ClientSampleId :
SV6DDL

Tot Ion: 91 Resp: 45729
Ion Ratio Lower Upper
91 100
92 0.0 49.8 74.6#

Manual Integrations
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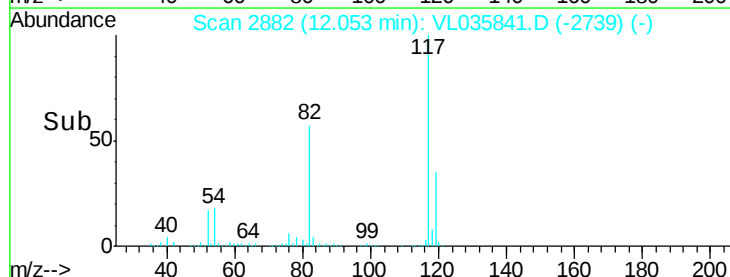
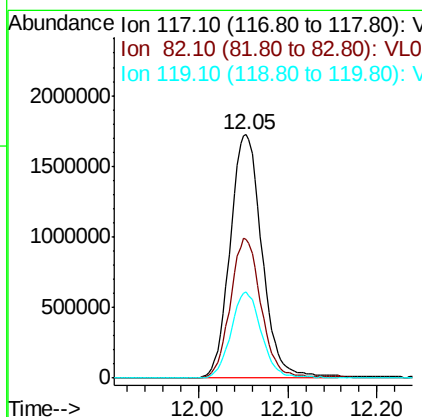
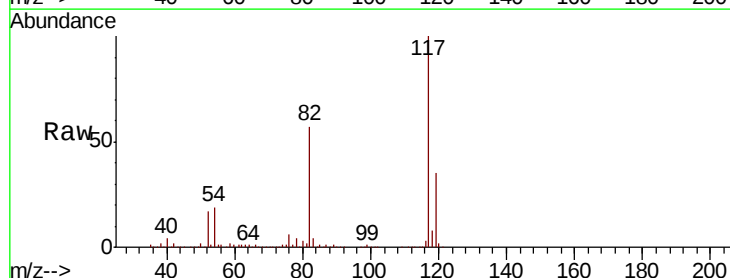


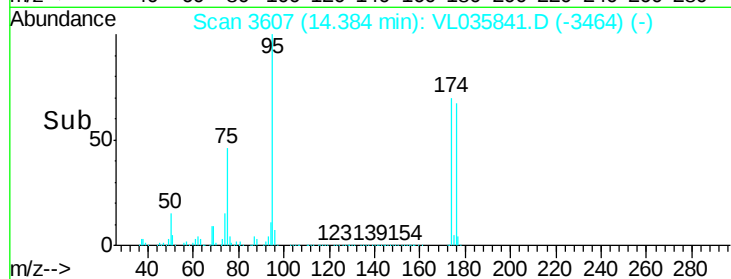
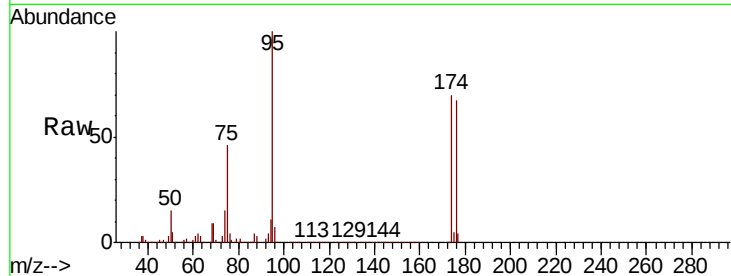
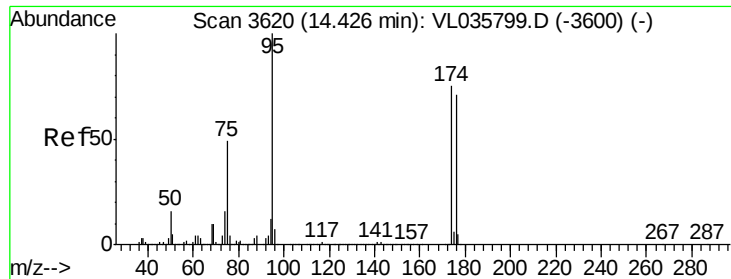
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
RT: 12.05 min Scan# 2882
Delta R.T. -0.04 min
Lab File: VL035841.D
Acq: 4 Nov 2020 20:06

Tgt Ion: 117 Resp: 4272015
Ion Ratio Lower Upper
117 100
82 56.2 50.6 76.0
119 34.0 52.6 78.8#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.018 ppbv

RT: 14.38 min Scan# 3607

Delta R.T. -0.04 min

Lab File: VL035841.D

Acq: 4 Nov 2020 20:06

Tot Ion: 95 Resp: 3040571

Ion Ratio Lower Upper

95 100

174 72.8 59.8 89.6

175 5.1 4.3 6.5

Instrument :

MSVOA_L

ClientSampleId :

SV6DDL

Manual Integrations

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