

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111820\
 Data File : VL035974.D
 Acq On : 18 Nov 2020 15:36
 Operator : SY/AP
 Sample : L4773-02DL2 200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL2

Manual Integrations
 APPROVED

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 11/20/2020 12:27:21 PM

Quant Time: Nov 19 08:30:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04 02:40:06 2020
 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	5.63	49	1079896	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	3786548	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	3604153	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	2695538	10.53	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.59	45	7097m	0.691	ppbv	
15) Acetone	3.84	43	60778	0.526	ppbv #	57
20) Methylene Chloride	4.31	84	112585	1.385	ppbv	94
26) Hexane	5.65	57	58713	0.468	ppbv #	43
38) Trichloroethene	7.80	130	18511m	0.135	ppbv	
52) Tetrachloroethene	11.19	164	643264	4.823	ppbv	96

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

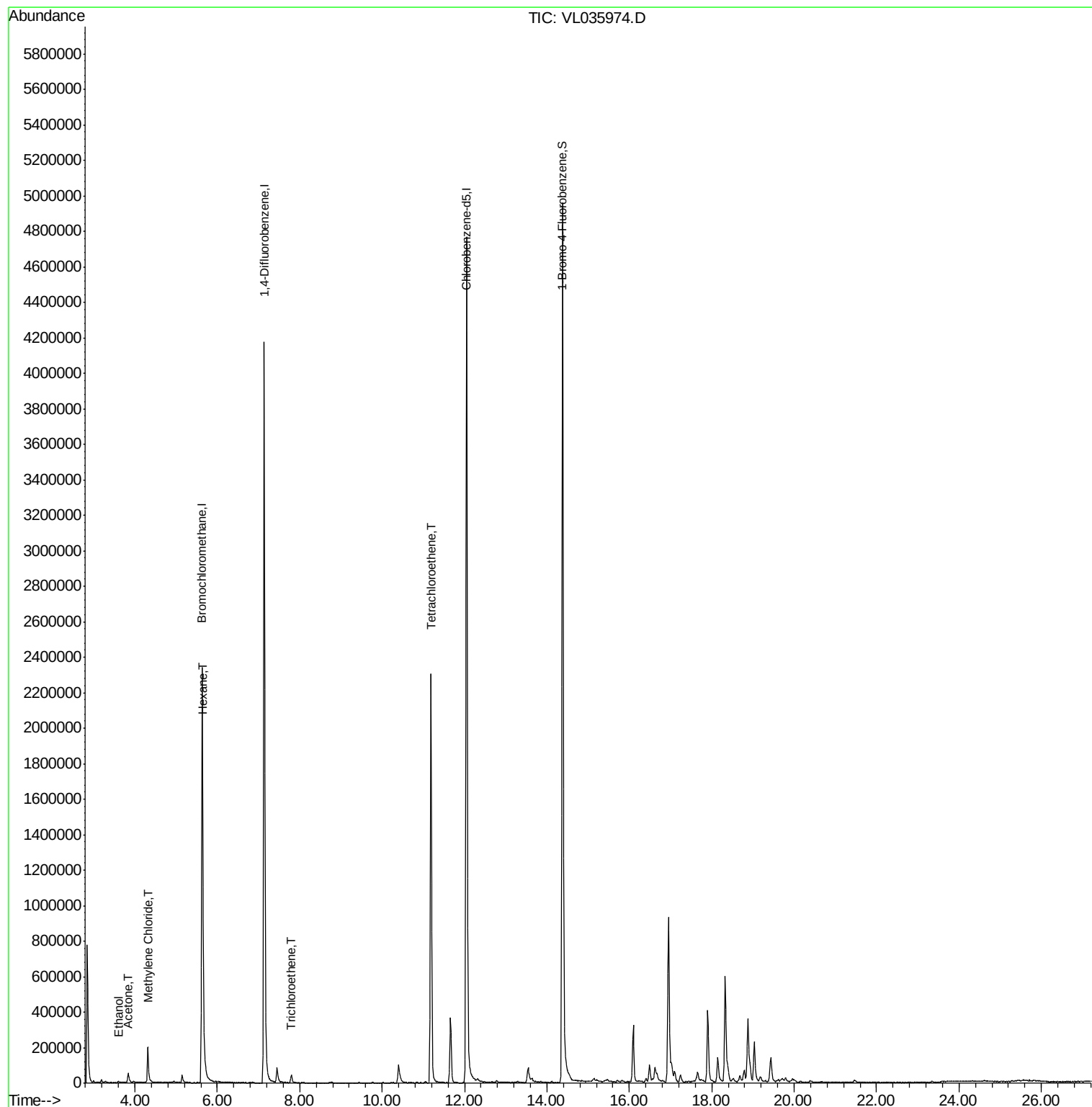
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111820\
Data File : VL035974.D
Acq On : 18 Nov 2020 15:36
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Misc : 400ml/MSVOA L
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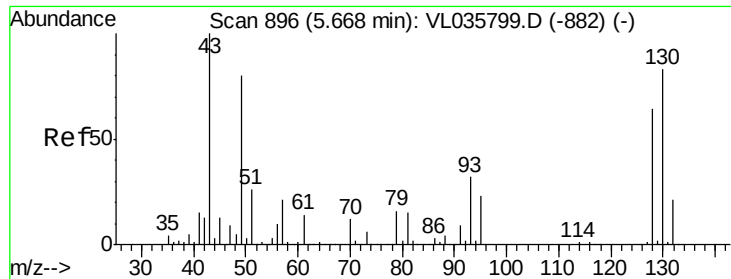
Instrument :
MSVOA_L
ClientSampleId :
SV2DL2

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Quant Time: Nov 19 08:30:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 min Scan# 885

Delta R.T. -0.04 min

Lab File: VL035974.D

Acq: 18 Nov 2020 15:36

Instrument :

MSVOA_L

ClientSampleId :

SV2DL2

Tot Ion: 49 Resp: 1079896

Ion Ratio Lower Upper

49 100

128 77.6 41.5 124.6

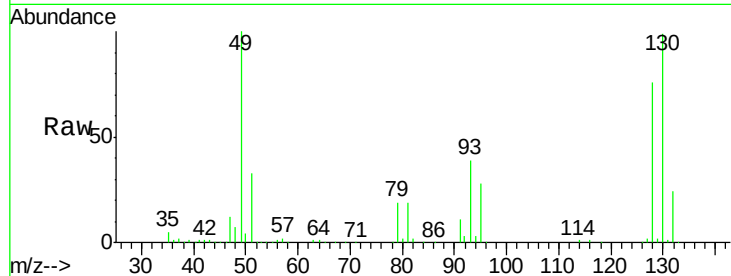
130 98.7 53.7 161.1

Manual Integrations

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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.63

600000

500000

400000

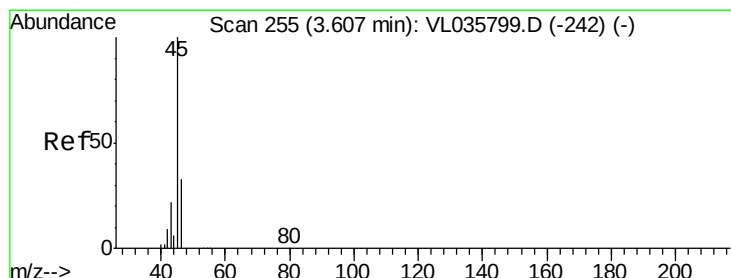
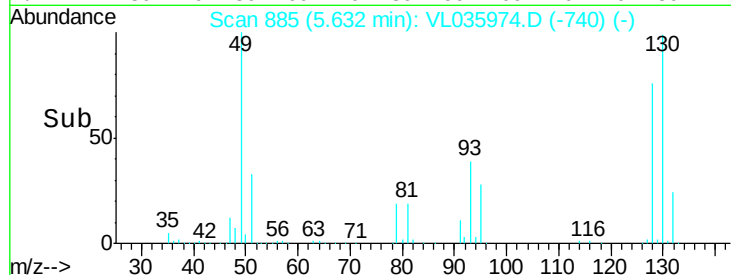
300000

200000

100000

0

Time-->



#13

Ethanol

Concen: 0.691 ppbv m

RT: 3.59 min Scan# 251

Delta R.T. -0.01 min

Lab File: VL035974.D

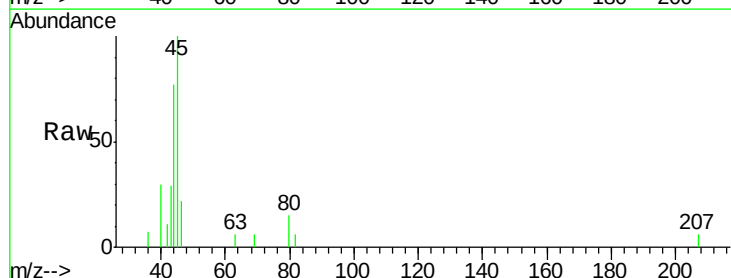
Acq: 18 Nov 2020 15:36

Tgt Ion: 45 Resp: 7097

Ion Ratio Lower Upper

45 100

46 0.0 16.1 64.5#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

3000

2500

2000

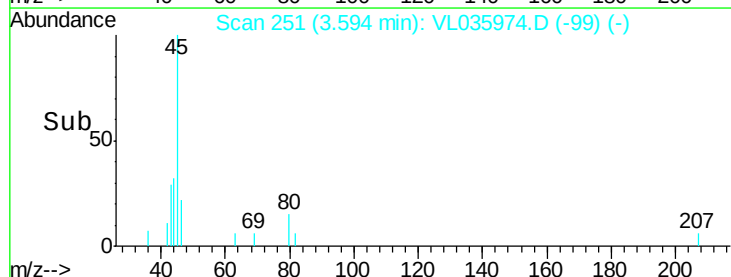
1500

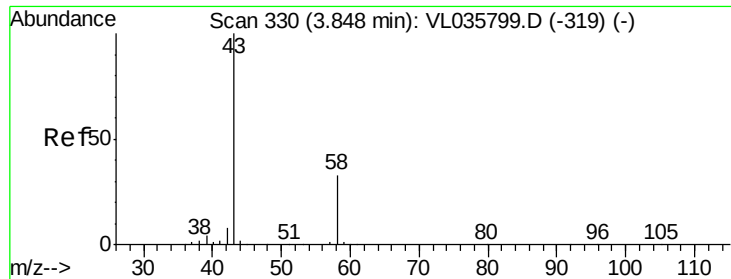
1000

500

0

Time-->





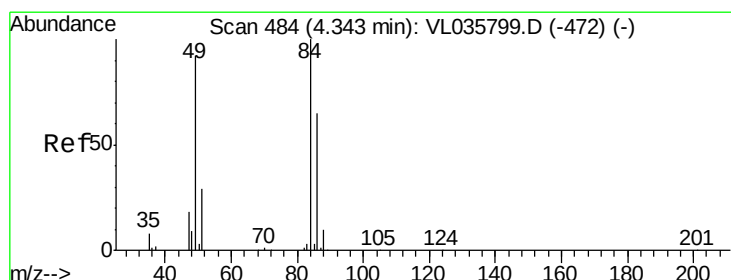
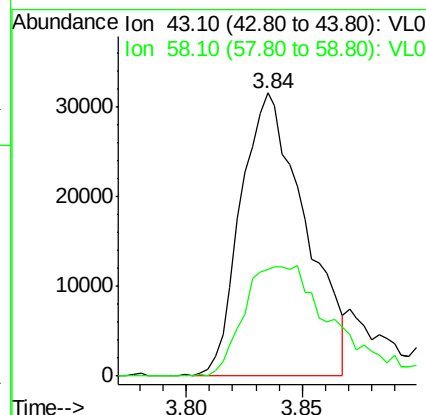
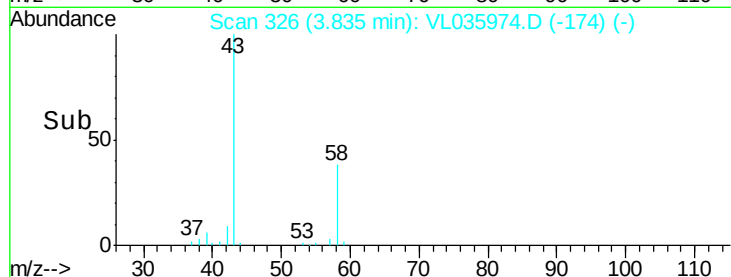
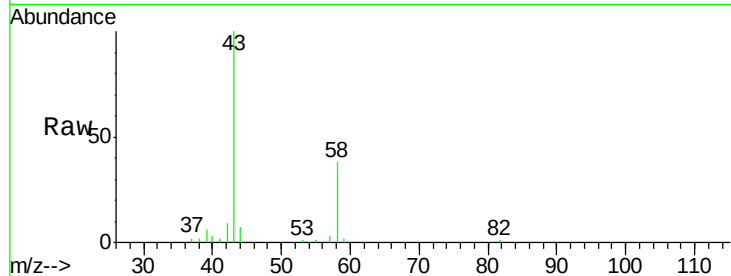
#15
Acetone
Concen: 0.526 ppbv
RT: 3.84 min Scan# 326
Delta R.T. -0.01 min
Lab File: VL035974.D
Acq: 18 Nov 2020 15:36

Instrument :
MSVOA_L
ClientSampleId :
SV2DL2

Tot Ion: 43 Resp: 60778
Ion Ratio Lower Upper
43 100
58 59.0 27.5 41.3#

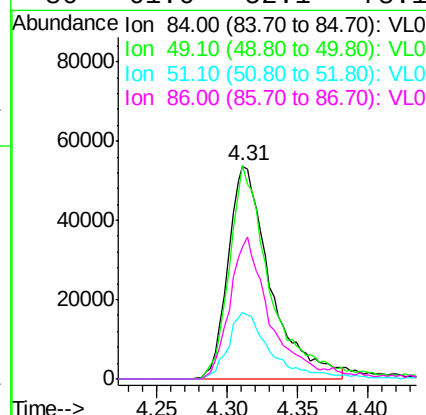
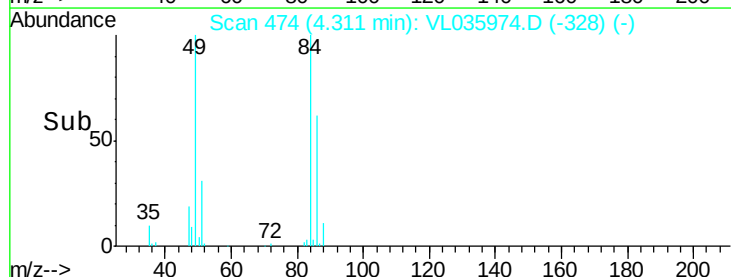
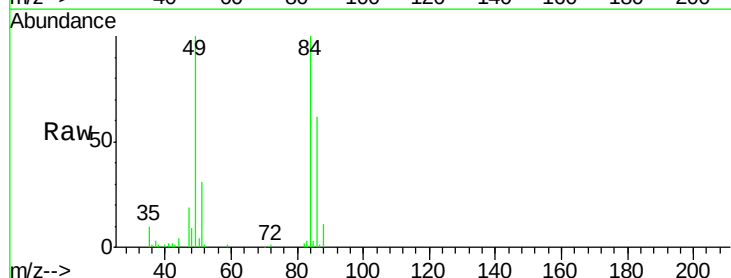
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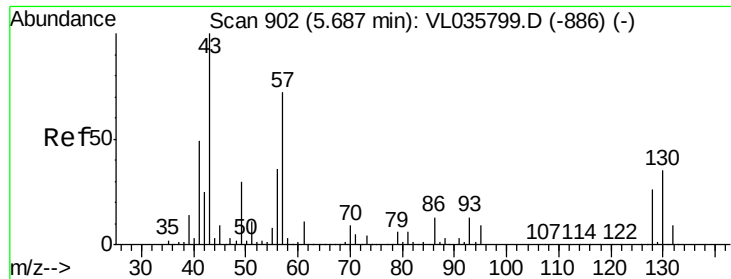
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#20
Methylene Chloride
Concen: 1.385 ppbv
RT: 4.31 min Scan# 474
Delta R.T. -0.03 min
Lab File: VL035974.D
Acq: 18 Nov 2020 15:36

Tgt Ion: 84 Resp: 112585
Ion Ratio Lower Upper
84 100
49 100.2 73.8 110.8
51 31.4 23.0 34.4
86 61.6 52.1 78.1





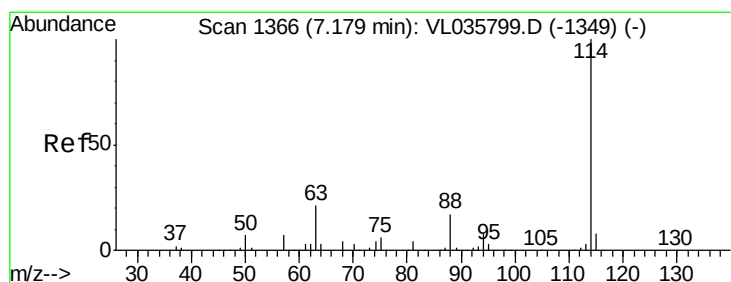
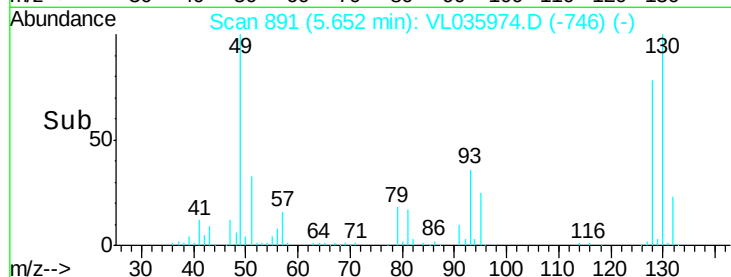
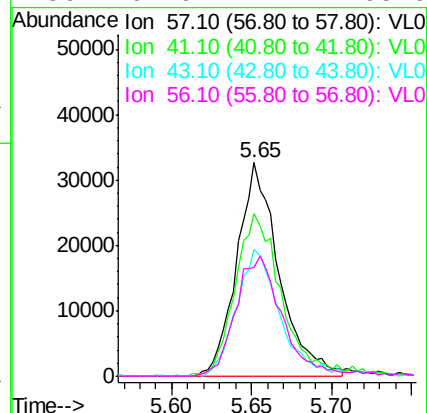
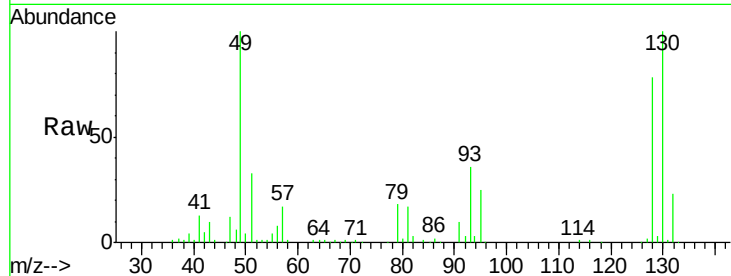
#26
Hexane
Concen: 0.468 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.04 min
Lab File: VL035974.D
Acq: 18 Nov 2020 15:36

Instrument :
MSVOA_L
ClientSampled :
SV2DL2

Tot Ion	Ratio	Lower	Upper
57	100		
41	86.2	58.9	88.3
43	63.2	150.2	225.2#
56	62.9	42.4	63.6

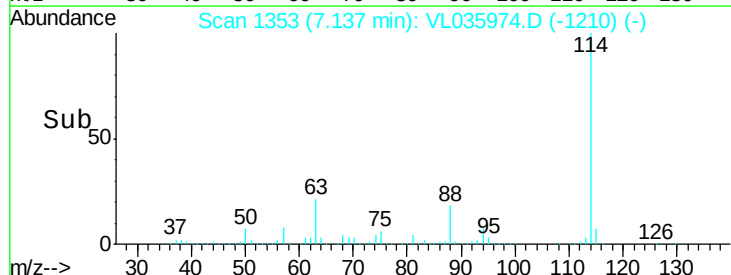
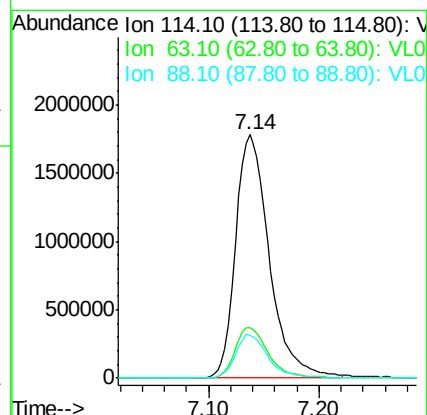
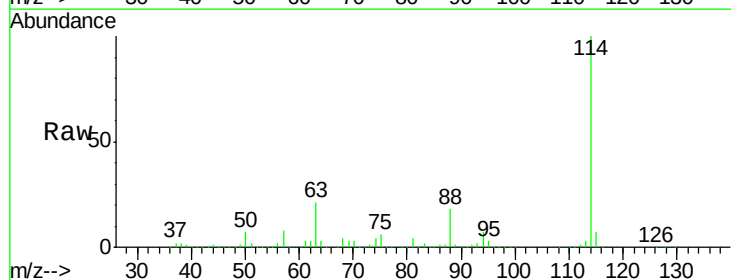
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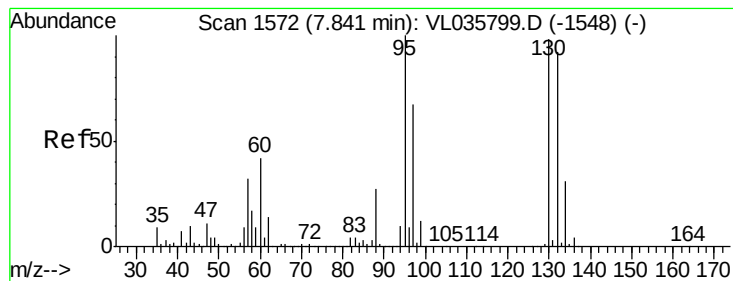
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.04 min
Lab File: VL035974.D
Acq: 18 Nov 2020 15:36

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	16.1	24.1
88	17.4	13.7	20.5





#38

Trichloroethene

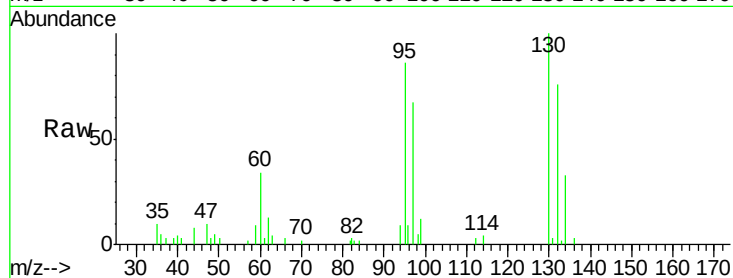
Concen: 0.135 ppbv m
RT: 7.80 min Scan# 1560
Delta R.T. -0.04 min
Lab File: VL035974.D
Acq: 18 Nov 2020 15:36

Instrument :
MSVOA_L
ClientSampled :
SV2DL2

Tot Ion	Ratio	Lower	Upper
130	100		
95	85.9	81.6	122.4
132	75.5	75.1	112.7
97	67.5	54.6	81.8

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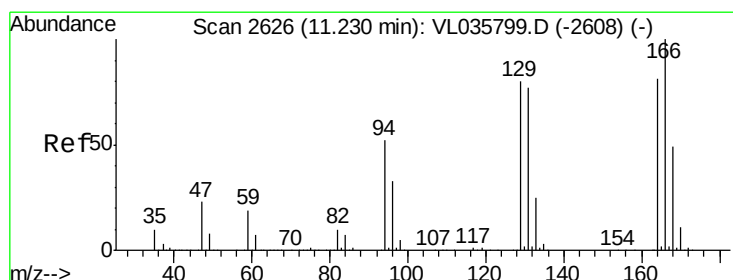
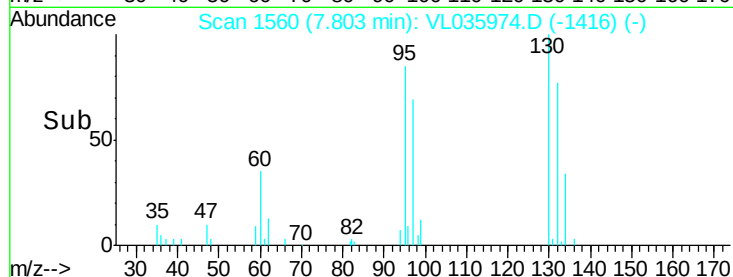
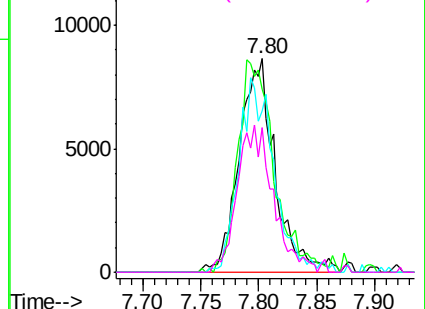


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): V

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): V

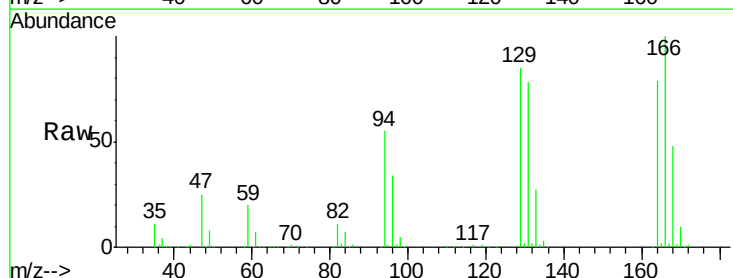


#52

Tetrachloroethene

Concen: 4.823 ppbv
RT: 11.19 min Scan# 2613
Delta R.T. -0.04 min
Lab File: VL035974.D
Acq: 18 Nov 2020 15:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	99.3	148.9
129	106.9	79.3	118.9
131	99.1	76.5	114.7

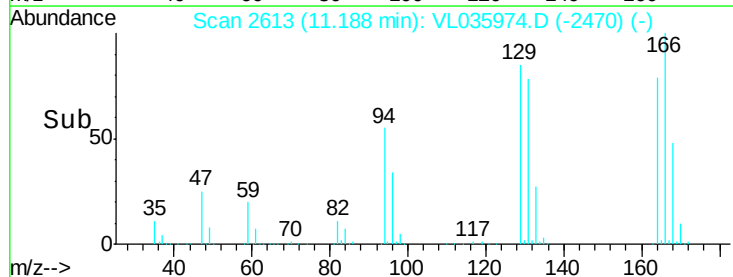
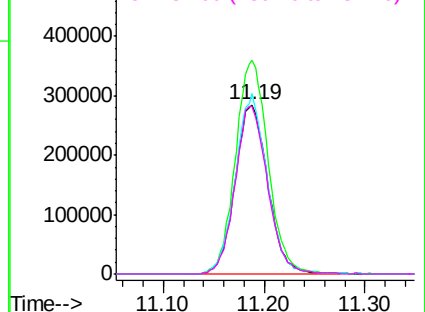


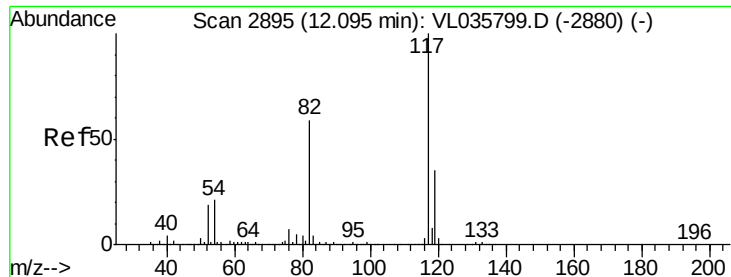
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V





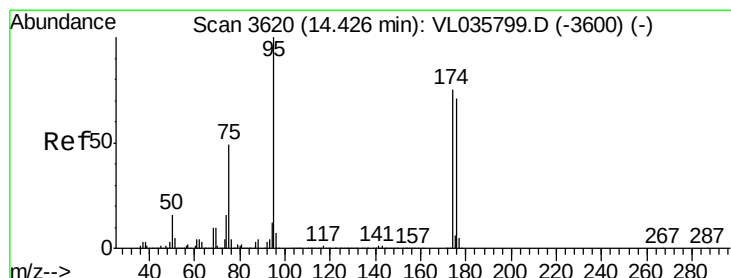
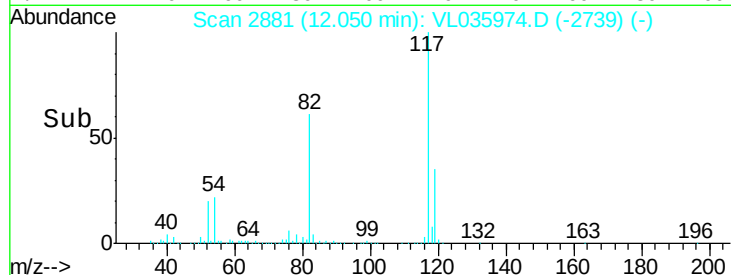
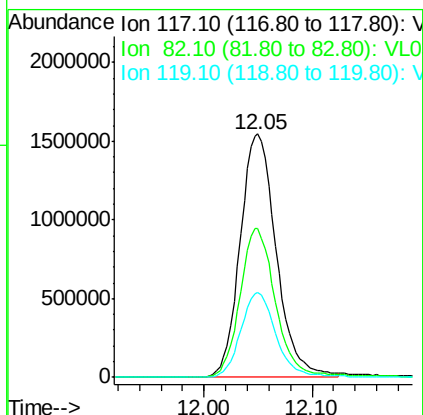
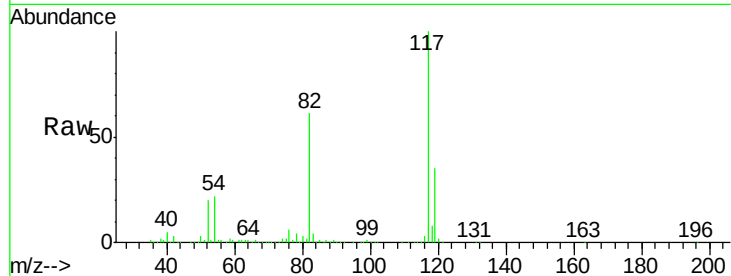
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2881
Delta R.T. -0.04 min
Lab File: VL035974.D
Acq: 18 Nov 2020 15:36

Instrument :
MSVOA_L
ClientSampleId :
SV2DL2

Tot Ion: 117 Resp: 3604153
Ion Ratio Lower Upper
117 100
82 61.3 50.6 76.0
119 34.5 52.6 78.8#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.527 ppbv
RT: 14.38 min Scan# 3606
Delta R.T. -0.04 min
Lab File: VL035974.D
Acq: 18 Nov 2020 15:36

Tgt Ion: 95 Resp: 2695538
Ion Ratio Lower Upper
95 100
174 71.5 59.8 89.6
175 4.9 4.3 6.5

