

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
 Data File : VL036171.D
 Acq On : 16 Dec 2020 17:59
 Operator : SY/AP
 Sample : L5041-03DL 40X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENTDL

Manual Integrations
 APPROVED

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 12/17/2020 3:56:03 PM

Quant Time: Dec 17 06:42:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Dec 07 2020
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1326525	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	2745063	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.08	117	2489752	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2072563	10.48	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.63	45	15490m	1.482	ppbv	
15) Acetone	3.86	43	46437m	0.291	ppbv	
19) Isopropyl Alcohol	3.98	45	44743m	0.459	ppbv	
20) Methylene Chloride	4.33	84	46731	0.715	ppbv #	90
24) 1,1-Dichloroethane	5.00	63	56229	0.377	ppbv	99
26) Hexane	5.67	57	36583	0.255	ppbv #	38
32) 1,1,1-Trichloroethane	6.50	97	543668	2.799	ppbv	95

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

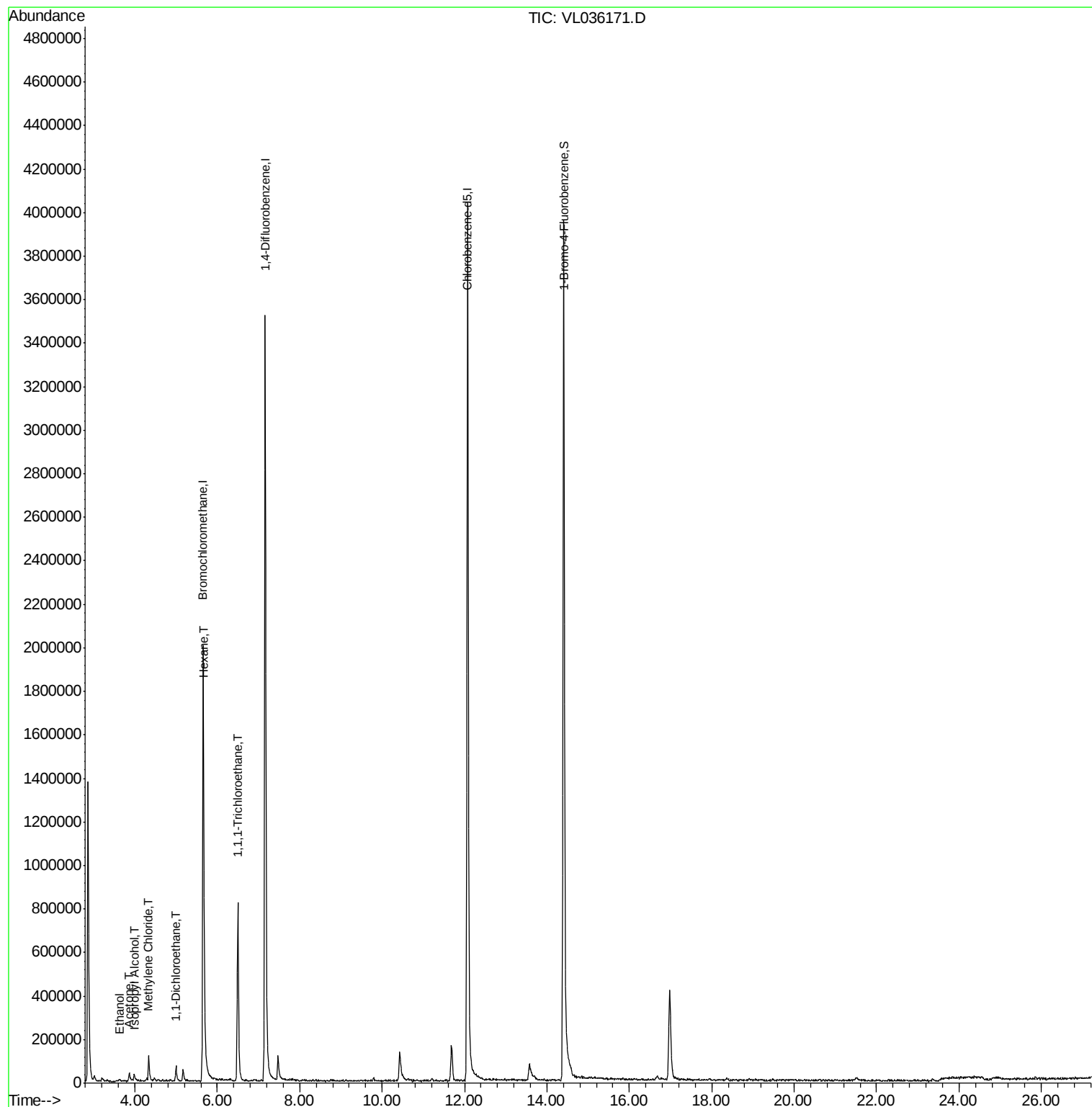
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
Data File : VL036171.D
Acq On : 16 Dec 2020 17:59
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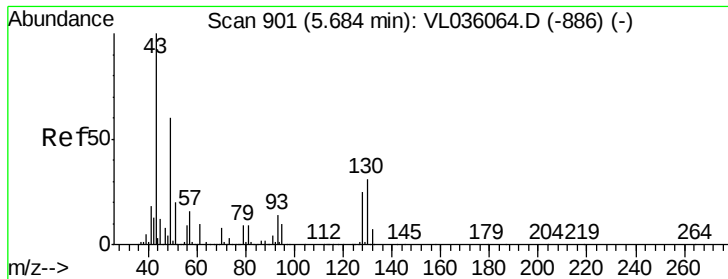
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Dec 17 06:42:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.03 min

Lab File: VL036171.D

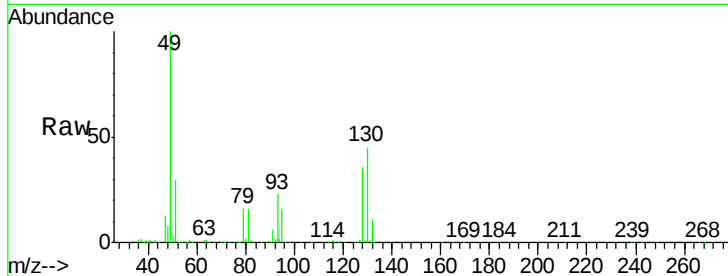
Acq: 16 Dec 2020 17:59

Instrument :

MSVOA_L

ClientSampleId :

INFLUENTDL



Tgt Ion: 49 Resp: 1326525

Ion Ratio Lower Upper

49 100

128 36.7 21.1 63.1

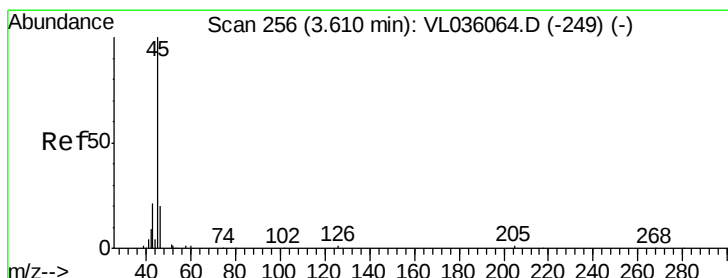
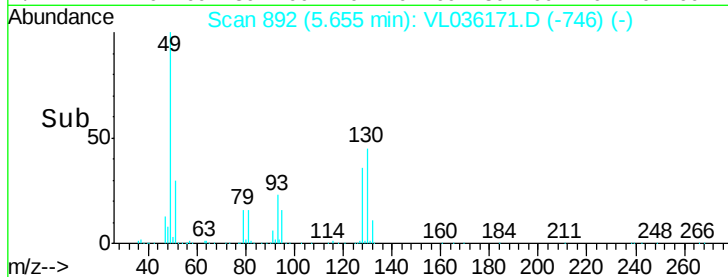
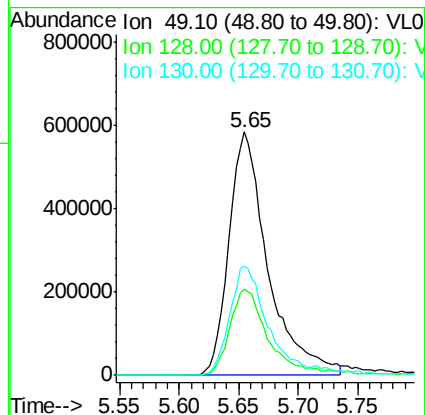
130 46.4 27.1 81.3

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#13

Ethanol

Concen: 1.482 ppbv m

RT: 3.63 min Scan# 261

Delta R.T. 0.02 min

Lab File: VL036171.D

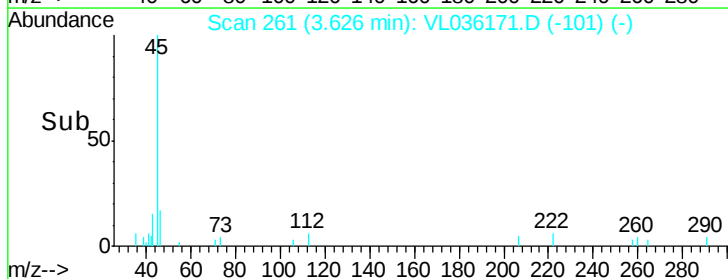
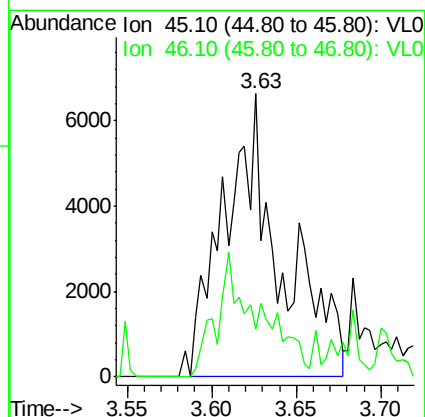
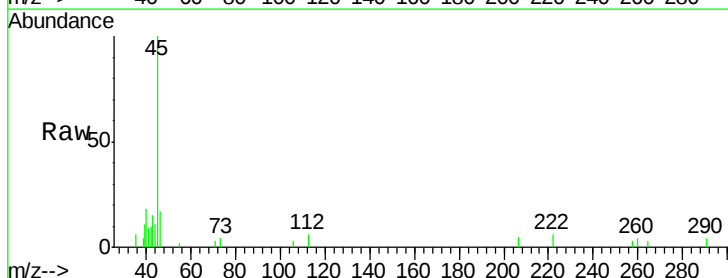
Acq: 16 Dec 2020 17:59

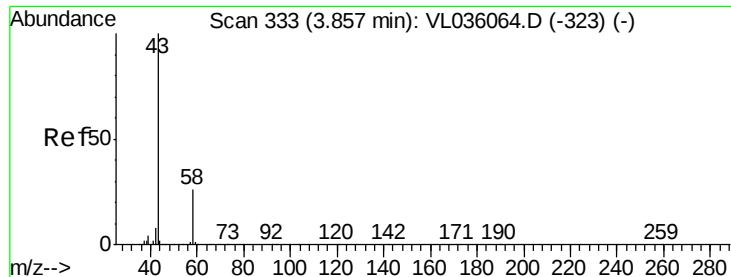
Tgt Ion: 45 Resp: 15490

Ion Ratio Lower Upper

45 100

46 35.0 19.0 75.8





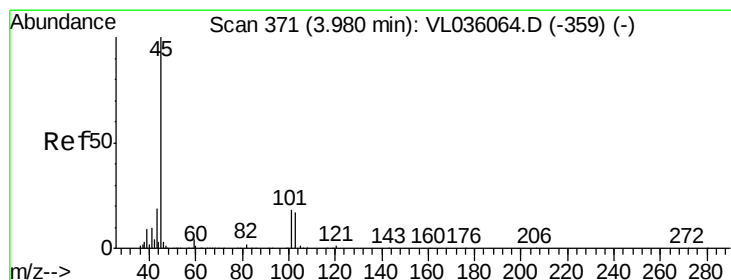
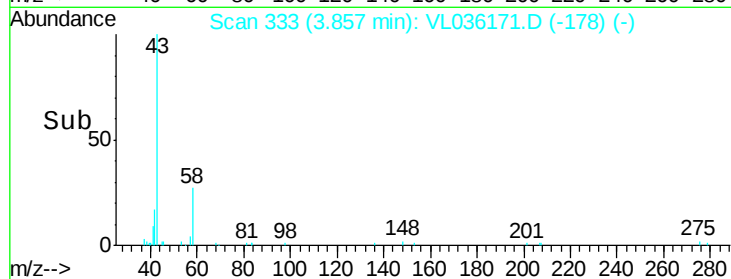
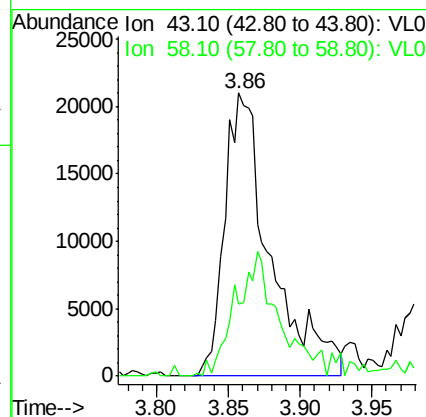
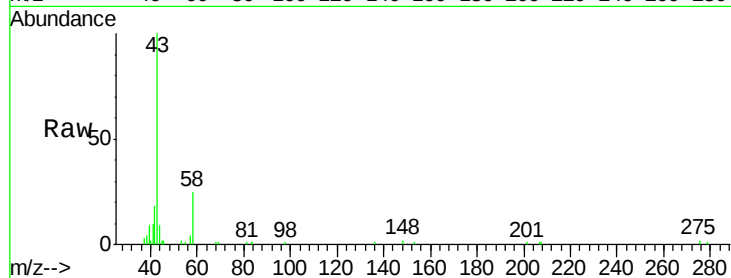
#15
Acetone
Concen: 0.291 ppbv m
RT: 3.86 min Scan# 333
Delta R.T. -0.00 min
Lab File: VL036171.D
Acq: 16 Dec 2020 17:59

Instrument :
MSVOA_L
ClientSampleId :
INFLUENTDL

Tgt Ion: 43 Resp: 46437
Ion Ratio Lower Upper
43 100
58 41.8 20.9 31.3#

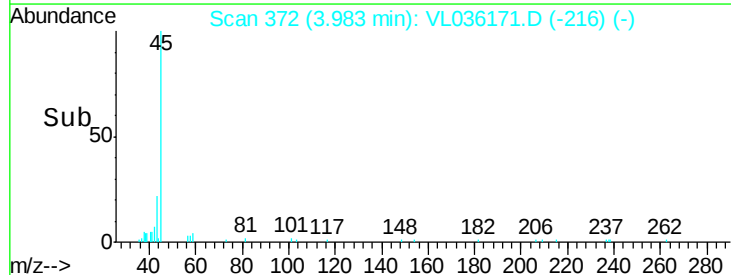
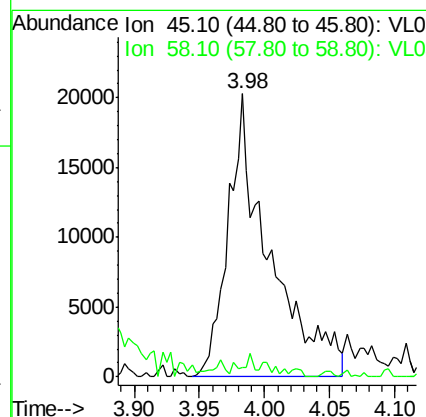
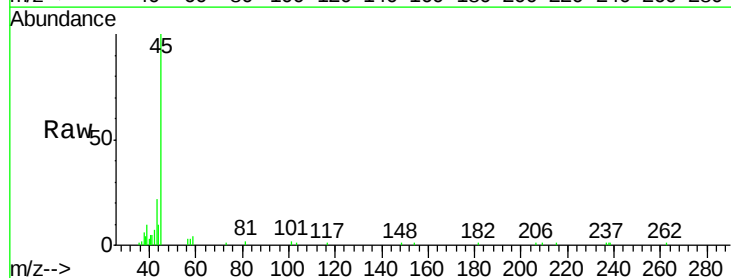
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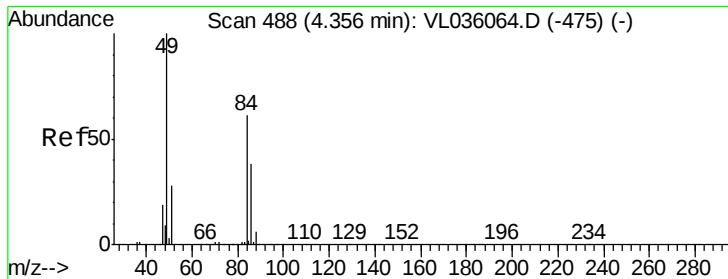
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#19
Isopropyl Alcohol
Concen: 0.459 ppbv m
RT: 3.98 min Scan# 372
Delta R.T. 0.00 min
Lab File: VL036171.D
Acq: 16 Dec 2020 17:59

Tgt Ion: 45 Resp: 44743
Ion Ratio Lower Upper
45 100
58 5.0 0.0 0.0#





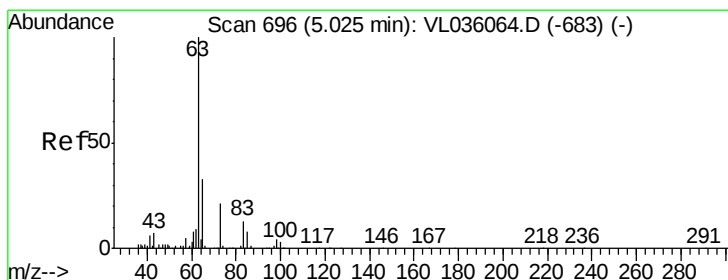
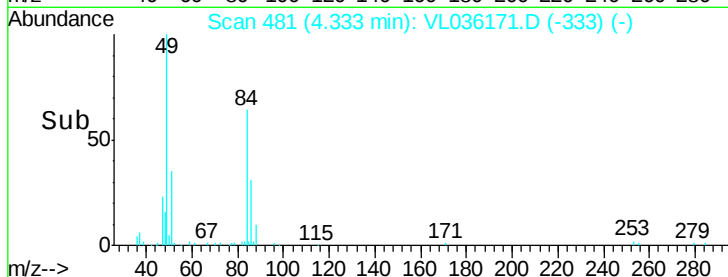
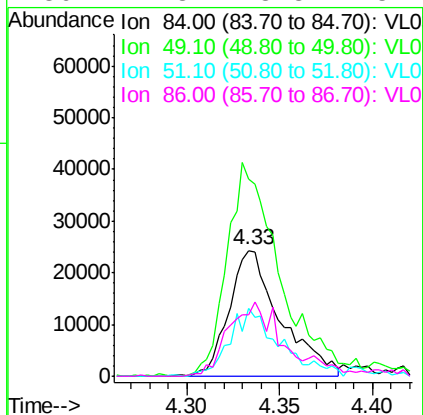
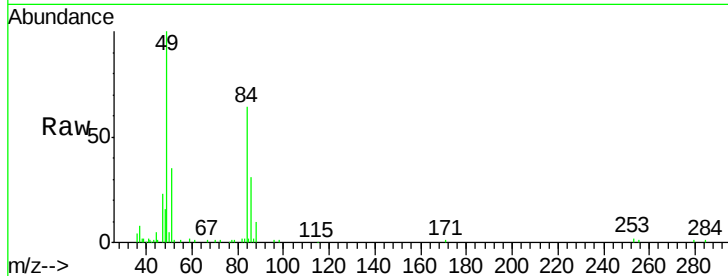
#20
Methylene Chloride
Concen: 0.715 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.02 min
Lab File: VL036171.D
Acq: 16 Dec 2020 17:59

Instrument :
MSVOA_L
ClientSampleId :
INFLUENTDL

Tgt Ion	Ratio	Lower	Upper
84	100		
49	155.4	133.0	199.4
51	54.1	38.9	58.3
86	47.3	48.8	73.2#

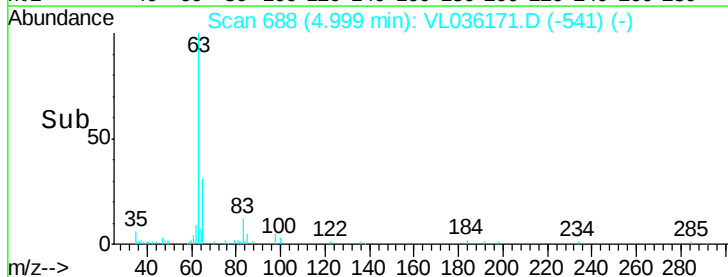
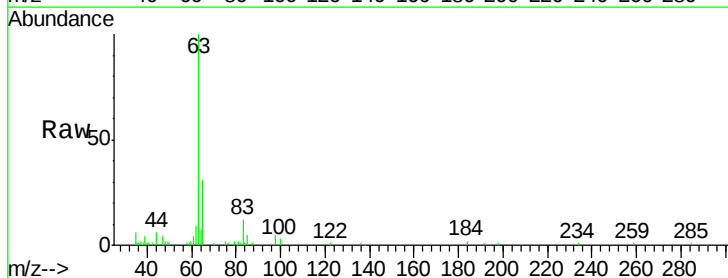
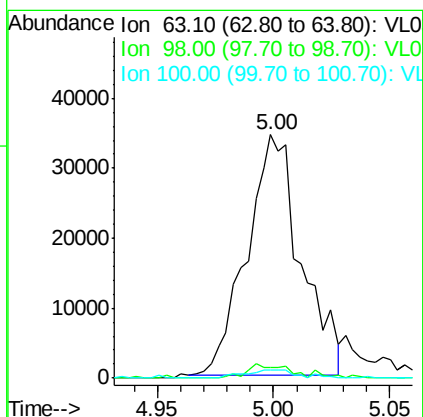
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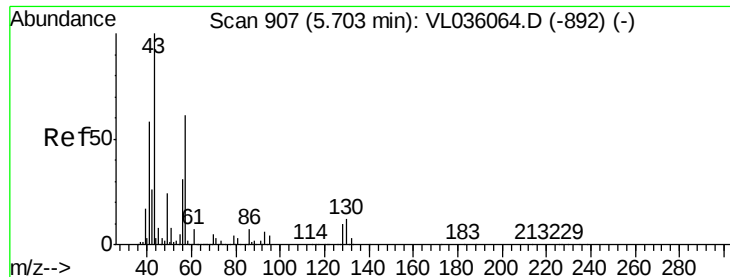
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#24
1,1-Dichloroethane
Concen: 0.377 ppbv
RT: 5.00 min Scan# 688
Delta R.T. -0.03 min
Lab File: VL036171.D
Acq: 16 Dec 2020 17:59

Tgt Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.2	6.6
100	3.3	1.5	4.4





#26

Hexane

Concen: 0.255 ppbv

RT: 5.67 min Scan# 898

Delta R.T. -0.03 min

Lab File: VL036171.D

Acq: 16 Dec 2020 17:59

Instrument :

MSVOA_L

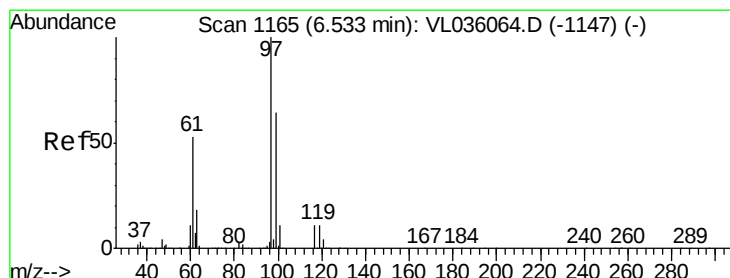
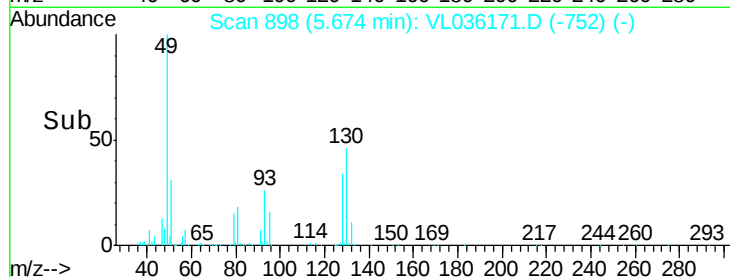
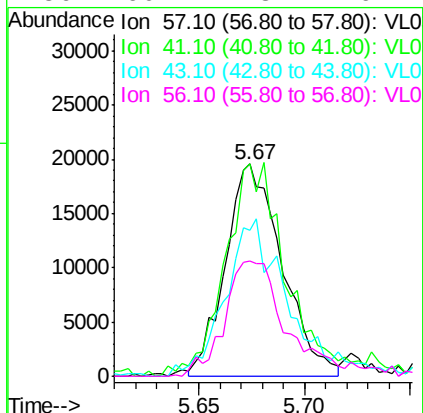
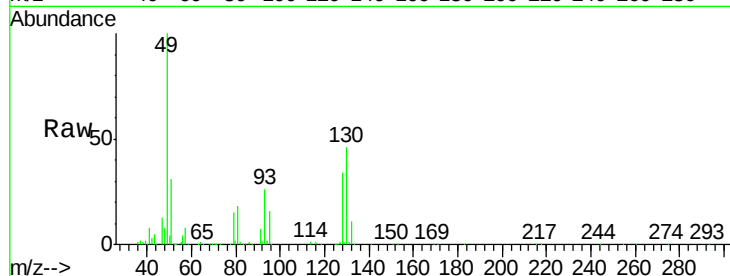
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
57	100		
41	115.1	82.9	124.3
43	84.6	199.9	299.9#
56	60.7	43.1	64.7

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#32

1,1,1-Trichloroethane

Concen: 2.799 ppbv

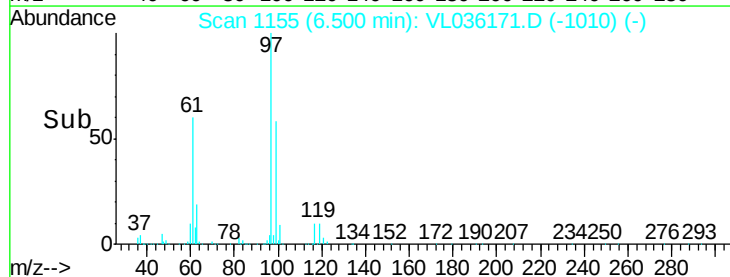
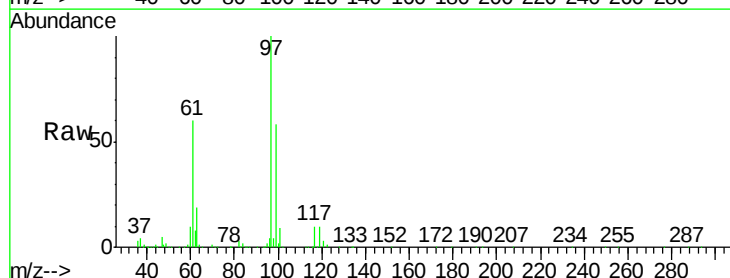
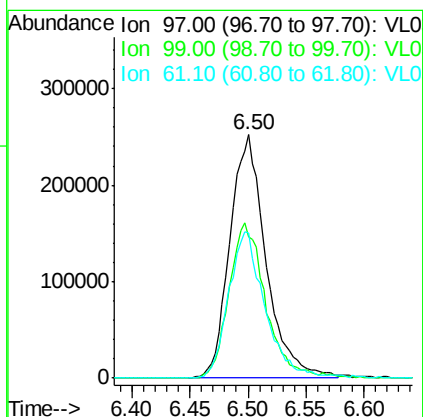
RT: 6.50 min Scan# 1155

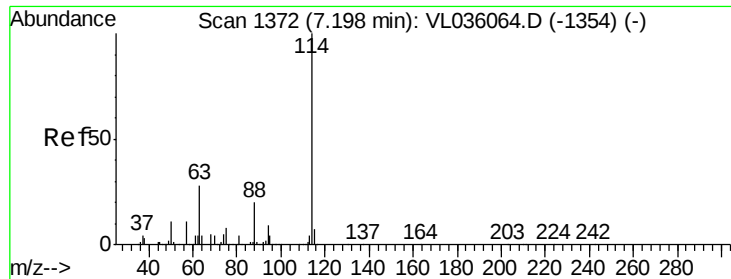
Delta R.T. -0.03 min

Lab File: VL036171.D

Acq: 16 Dec 2020 17:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	52.4	78.6
61	61.2	43.4	65.0





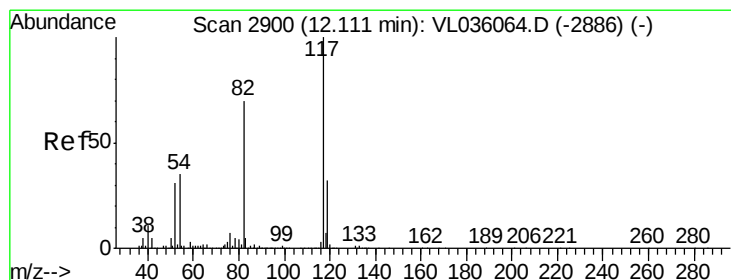
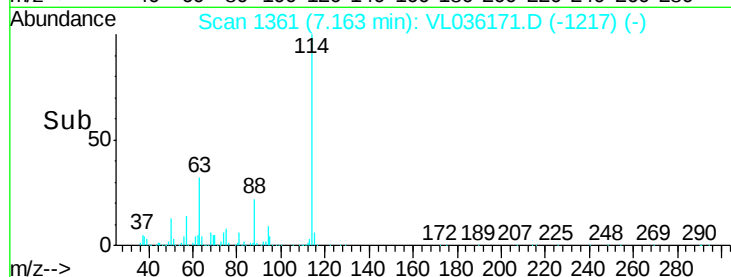
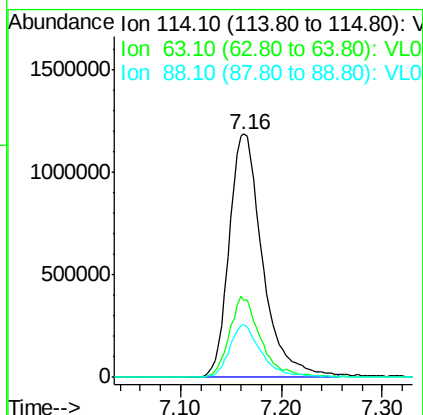
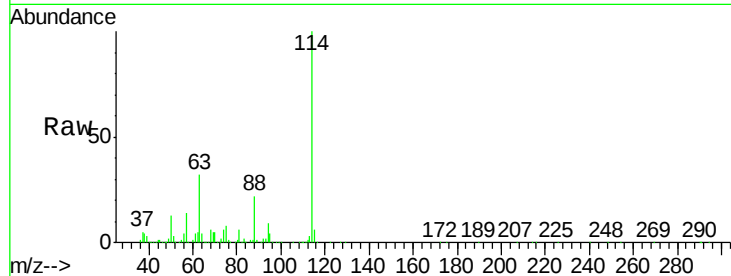
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.04 min
 Lab File: VL036171.D
 Acq: 16 Dec 2020 17:59

Instrument :
 MSVOA_L
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Tgt Ion:114 Resp: 2745063
 Ion Ratio Lower Upper
 114 100
 63 31.8 23.6 35.4
 88 20.8 15.8 23.6

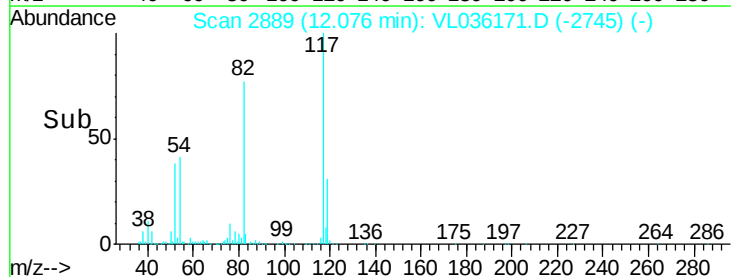
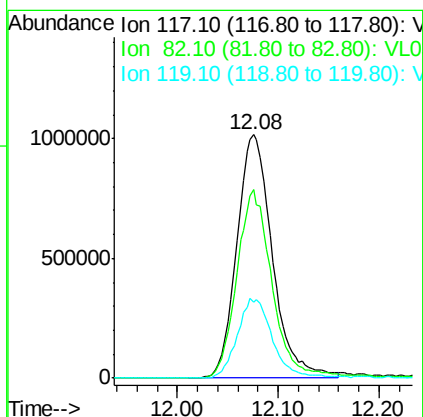
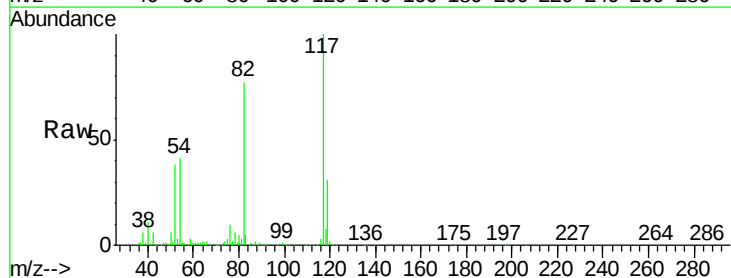
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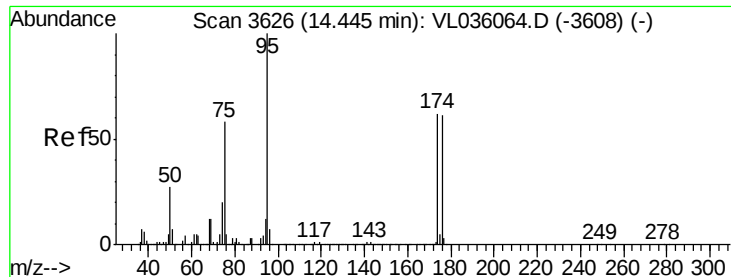
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2889
 Delta R.T. -0.04 min
 Lab File: VL036171.D
 Acq: 16 Dec 2020 17:59

Tgt Ion:117 Resp: 2489752
 Ion Ratio Lower Upper
 117 100
 82 77.7 0.0 0.0#
 119 32.3 0.0 0.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.484 ppbv
 RT: 14.41 min Scan# 3614
 Delta R.T. -0.04 min
 Lab File: VL036171.D
 Acq: 16 Dec 2020 17:59

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENTDL

Tgt Ion: 95 Resp: 2072563
 Ion Ratio Lower Upper
 95 100
 174 58.9 50.7 76.1
 175 4.2 4.0 6.0

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