

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073021\
 Data File : VL037304.D
 Acq On : 31 Jul 2021 5:18
 Operator : SY/AP
 Sample : M3121-03DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-PLAY-ROOM-2DL

Manual Integrations
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 8/2/2021 8:58:38 AM

Quant Time: Jul 31 08:05:46 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 31 2021
 QLast Update : Fri Jul 30 23:19:30 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1100886	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3342380	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.09	117	3011782	10.00	ppbv	-0.01

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.41	95	2044757	9.33	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.99	51	111206	0.504	ppbv	100
9) Propene	3.01	41	12368m	0.167	ppbv	
13) Ethanol	3.62	45	76437m	4.686	ppbv	
15) Acetone	3.87	43	154018	0.777	ppbv #	69
19) Isopropyl Alcohol	3.99	45	96240m	1.254	ppbv	
20) Methylene Chloride	4.34	84	35222	0.459	ppbv	89
26) Hexane	5.69	57	14947m	0.097	ppbv	
34) 2-Butanone	5.27	43	25993m	0.181	ppbv	
53) Toluene	9.81	91	44156m	0.133	ppbv	

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

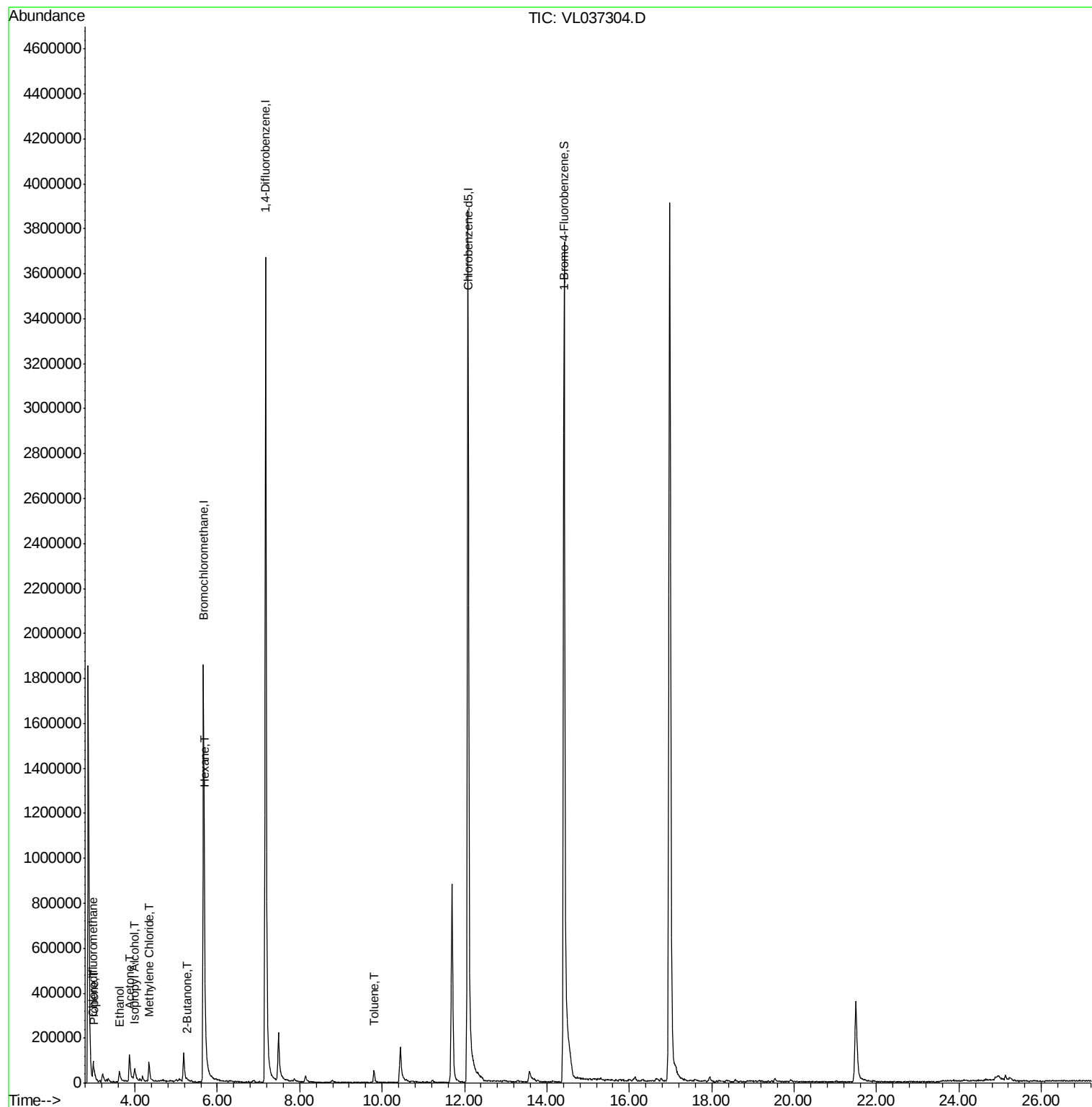
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073021\
Data File : VL037304.D
Acq On : 31 Jul 2021 5:18
Operator : SY/AP
Sample : M3121-03DL 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

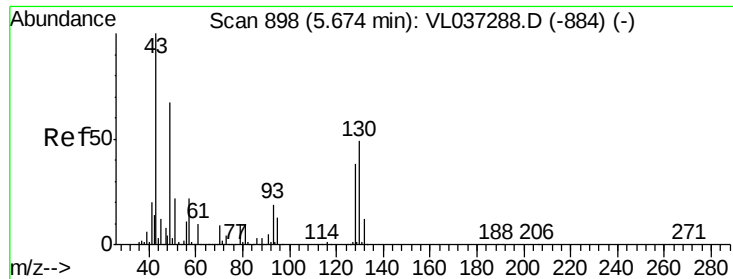
Instrument :
MSVOA_L
ClientSampleId :
IA-PLAY-ROOM-2DL

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Quant Time: Jul 31 08:05:46 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul
QLast Update : Fri Jul 30 23:19:30 2021
Response via : Initial Calibration





#1

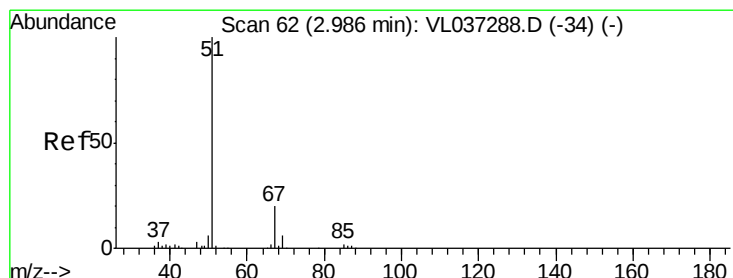
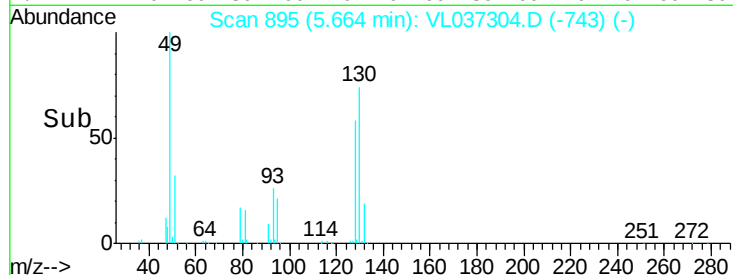
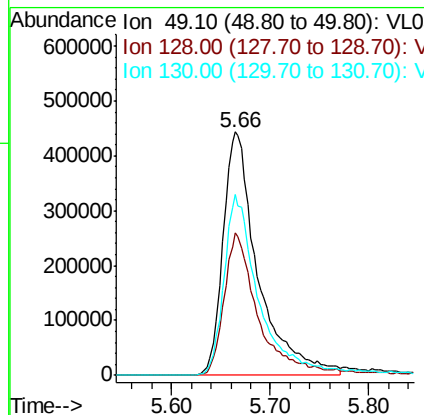
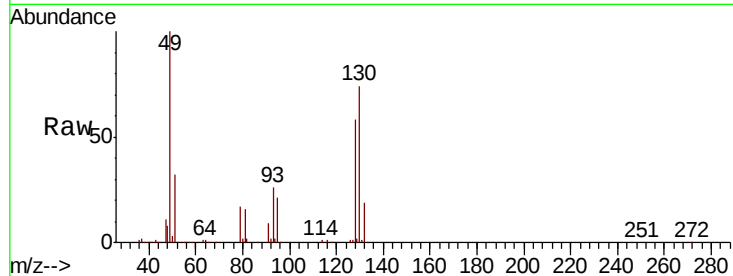
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: VL037304.D
 Acq: 31 Jul 2021 5:18

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-PLAY-ROOM-2DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	60.0	30.6	92.0
130	77.1	37.8	113.4

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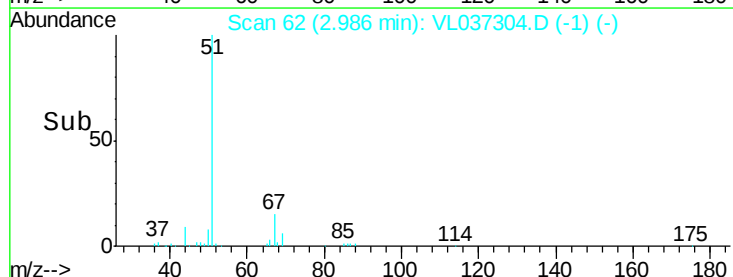
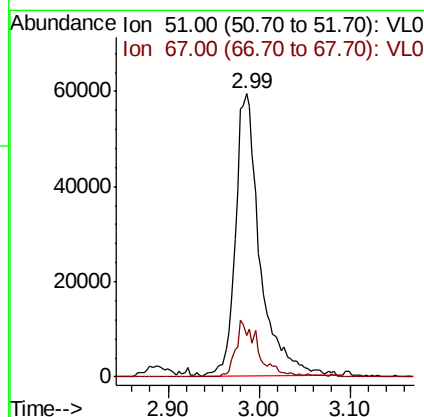
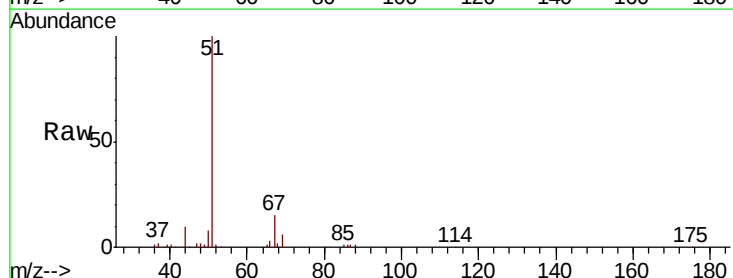
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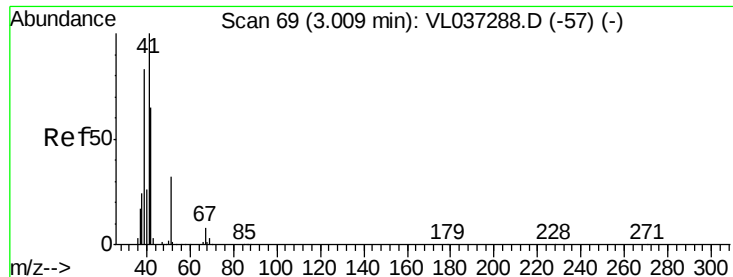


#3

Chlorodifluoromethane
 Concen: 0.504 ppbv
 RT: 2.99 min Scan# 62
 Delta R.T. -0.00 min
 Lab File: VL037304.D
 Acq: 31 Jul 2021 5:18

Tgt Ion	Ratio	Lower	Upper
51	100		
67	19.0	15.2	22.8





#9

Propene

Concen: 0.167 ppbv m

RT: 3.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VL037304.D

Acq: 31 Jul 2021 5:18

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAY-ROOM-2DL

Tot Ion: 41 Resp: 12368

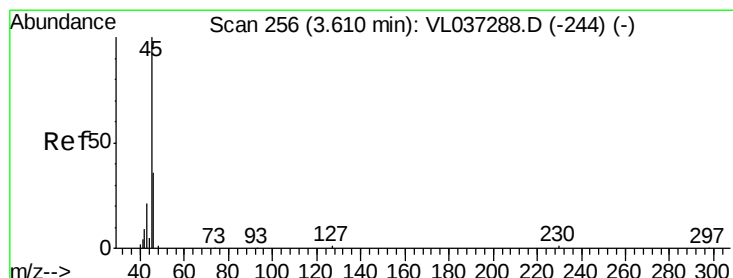
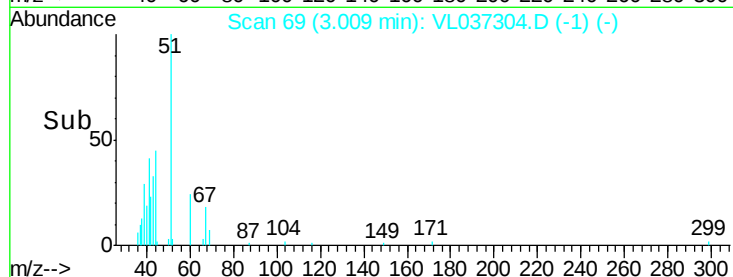
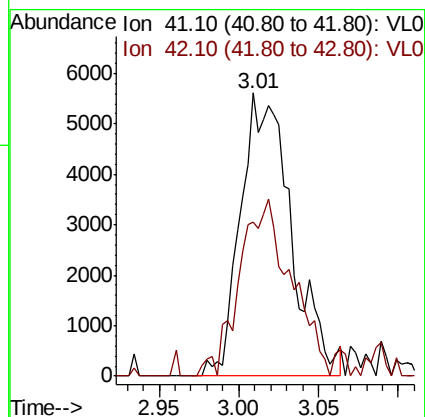
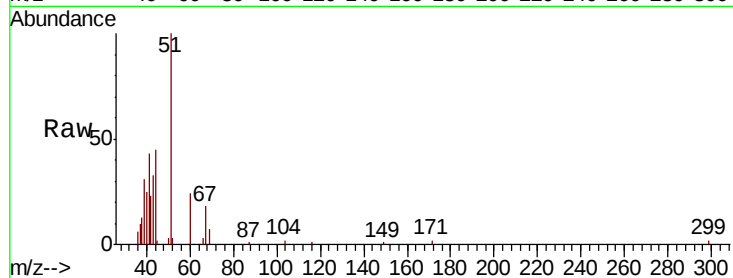
Ion Ratio Lower Upper

41 100

42 0.0 54.0 81.0#

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#13

Ethanol

Concen: 4.686 ppbv m

RT: 3.62 min Scan# 259

Delta R.T. 0.01 min

Lab File: VL037304.D

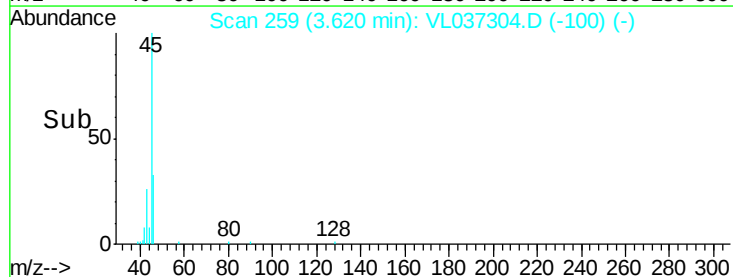
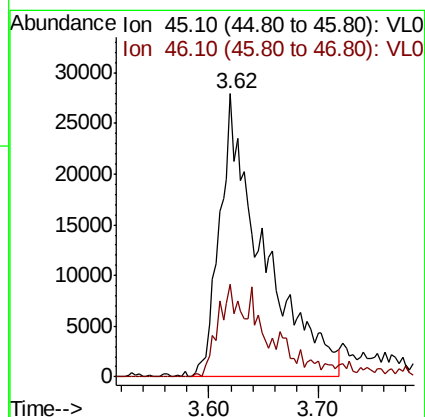
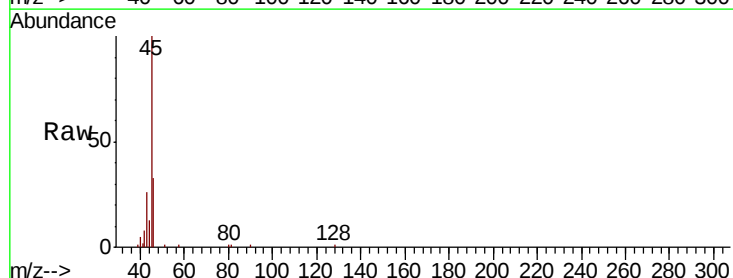
Acq: 31 Jul 2021 5:18

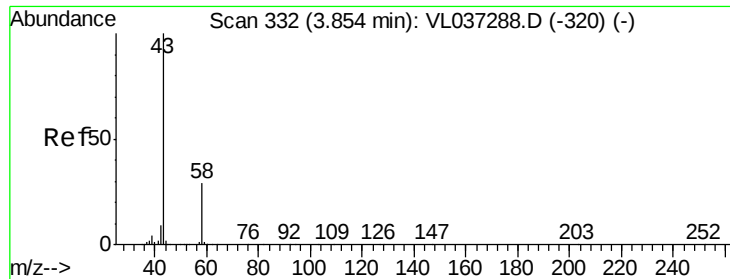
Tgt Ion: 45 Resp: 76437

Ion Ratio Lower Upper

45 100

46 38.5 16.2 64.8





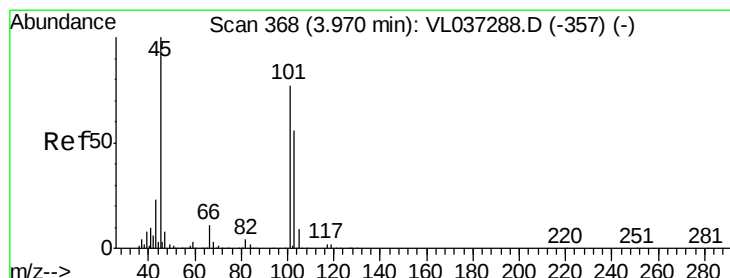
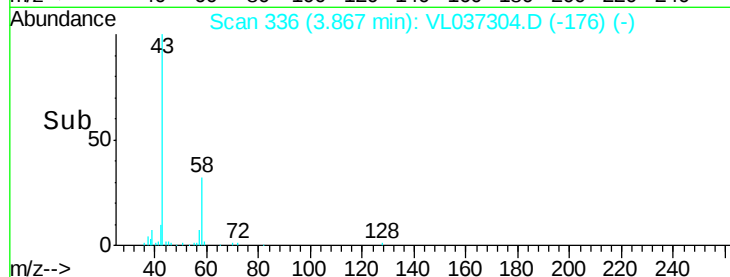
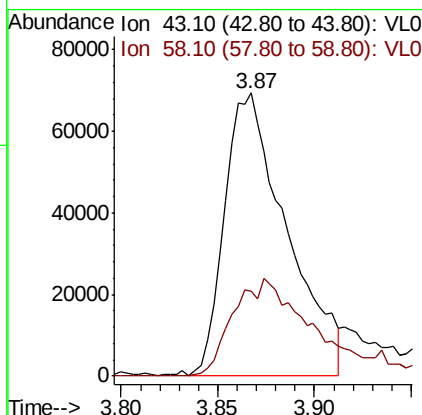
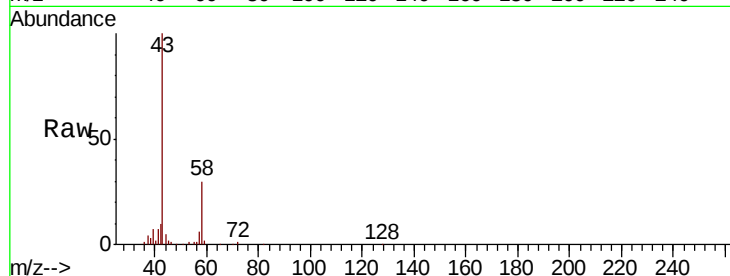
#15
Acetone
Concen: 0.777 ppbv
RT: 3.87 min Scan# 336
Delta R.T. 0.01 min
Lab File: VL037304.D
Acq: 31 Jul 2021 5:18

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAY-ROOM-2DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	47.3	24.2	36.4#

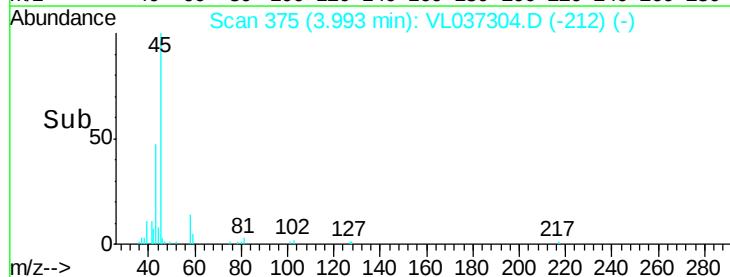
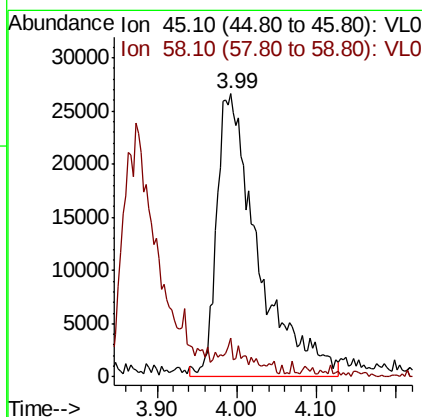
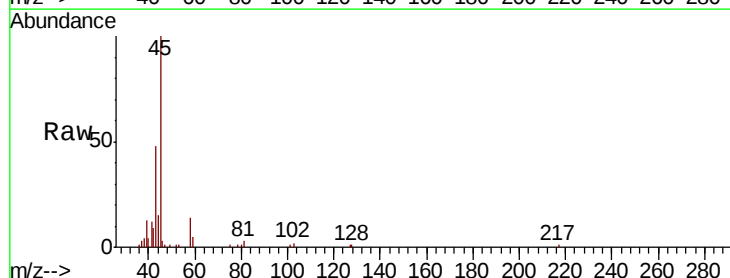
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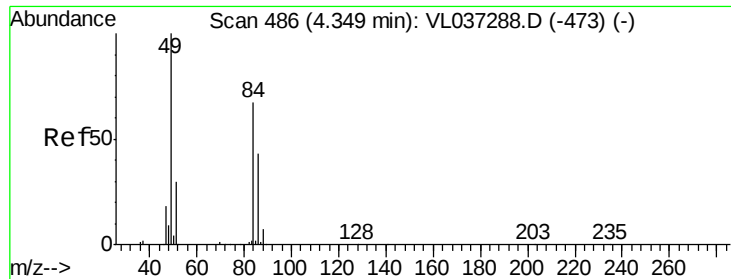
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#19
Isopropyl Alcohol
Concen: 1.254 ppbv m
RT: 3.99 min Scan# 375
Delta R.T. 0.02 min
Lab File: VL037304.D
Acq: 31 Jul 2021 5:18

Tgt Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.2	3.2#





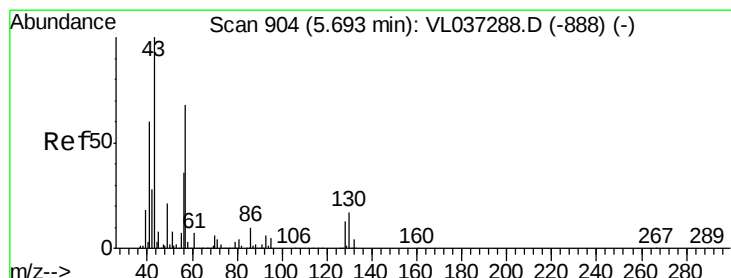
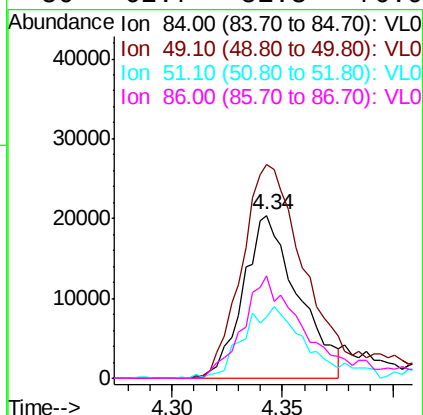
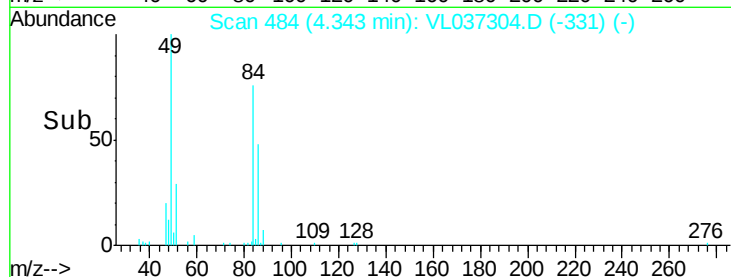
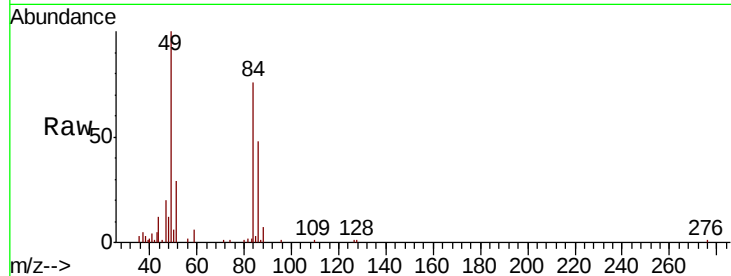
#20
Methvlene Chloride
Concen: 0.459 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.01 min
Lab File: VL037304.D
Acq: 31 Jul 2021 5:18

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAY-ROOM-2DL

Tot Ion:	84	Resp:	35222
Ion	Ratio	Lower	Upper
84	100		
49	131.2	120.2	180.4
51	37.7	36.5	54.7
86	62.7	51.3	76.9

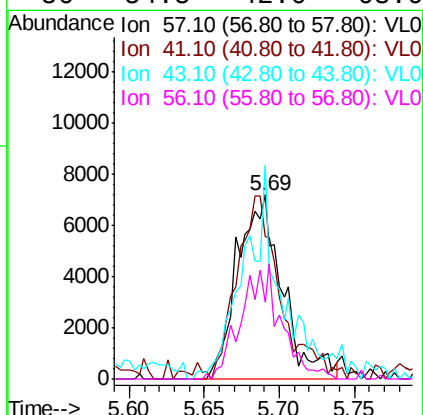
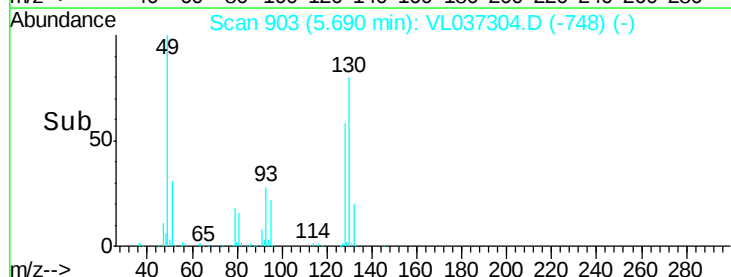
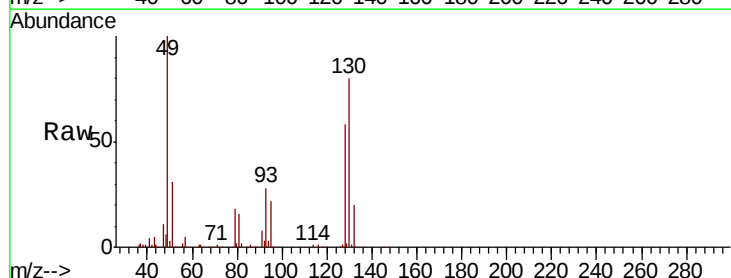
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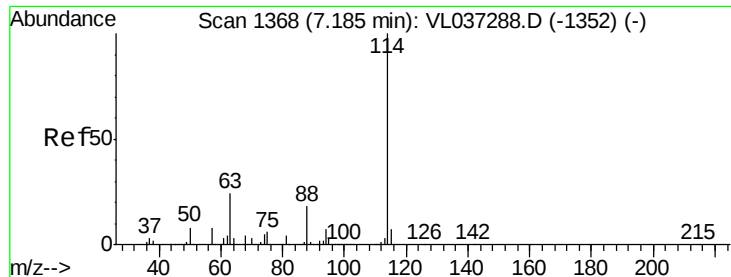
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#26
Hexane
Concen: 0.097 ppbv m
RT: 5.69 min Scan# 903
Delta R.T. -0.00 min
Lab File: VL037304.D
Acq: 31 Jul 2021 5:18

Tgt Ion:	57	Resp:	14947
Ion	Ratio	Lower	Upper
57	100		
41	98.7	71.0	106.6
43	98.9	155.0	232.4#
56	54.5	42.0	63.0





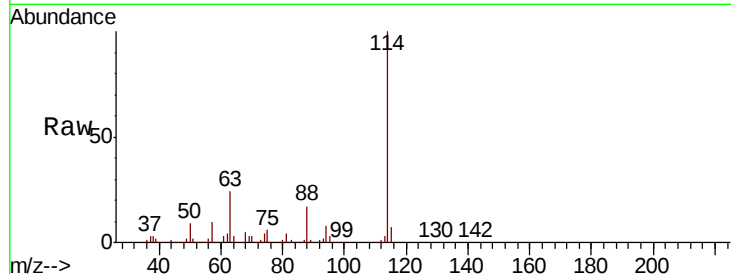
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VL037304.D
 Acq: 31 Jul 2021 5:18

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-PLAY-ROOM-2DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.7	19.0	28.4
88	17.8	14.0	21.0

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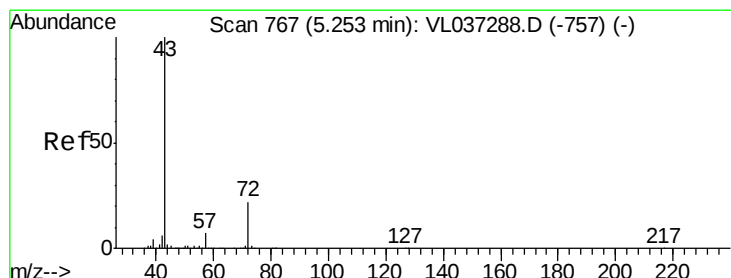
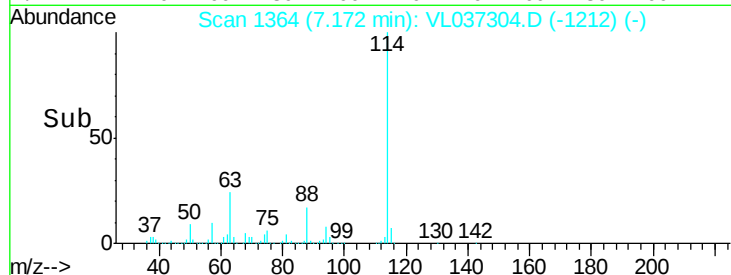
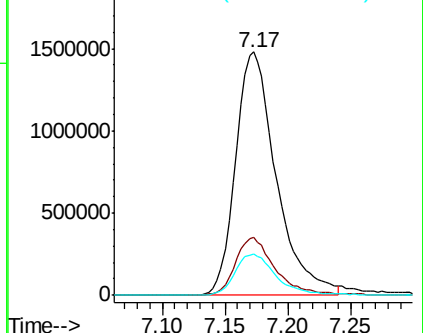
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Abundance Ion 114.10 (113.80 to 114.80): VL037288.D (-1352) (-)

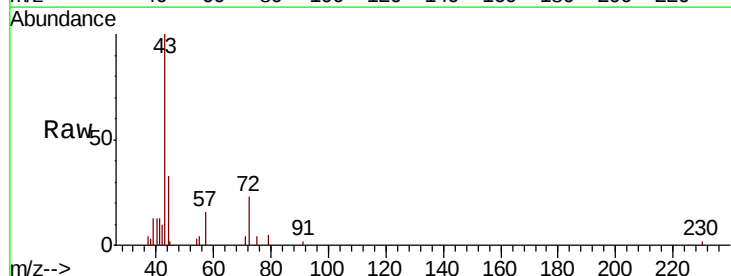
Ion 63.10 (62.80 to 63.80): VL037288.D (-1352) (-)

Ion 88.10 (87.80 to 88.80): VL037288.D (-1352) (-)



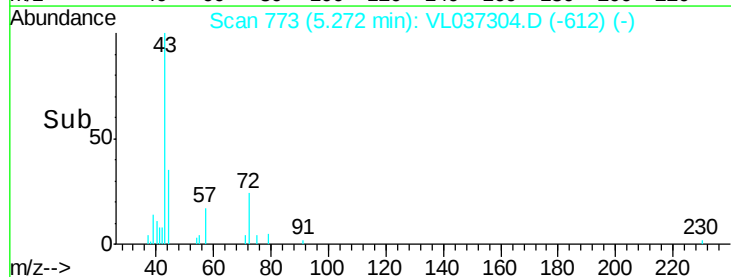
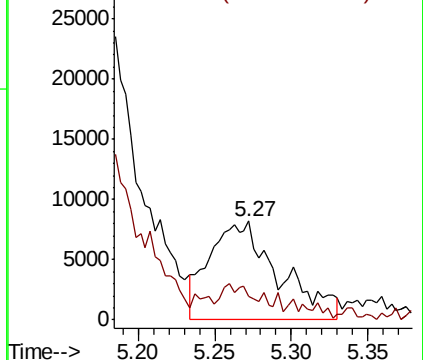
#34
 2-Butanone
 Concen: 0.181 ppbv m
 RT: 5.27 min Scan# 773
 Delta R.T. 0.02 min
 Lab File: VL037304.D
 Acq: 31 Jul 2021 5:18

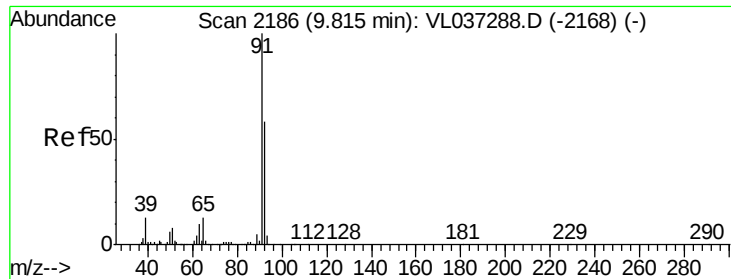
Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.4	18.5	27.7



Abundance Ion 43.10 (42.80 to 43.80): VL037288.D (-757) (-)

Ion 72.10 (71.80 to 72.80): VL037288.D (-757) (-)





#53

Toluene

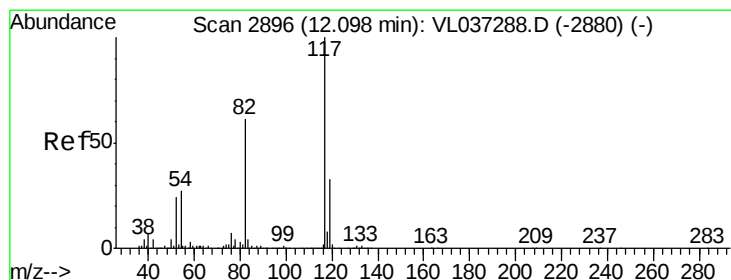
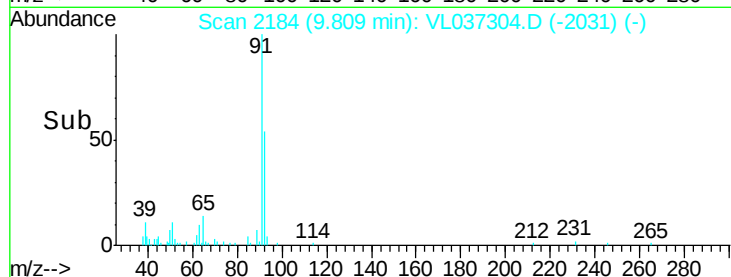
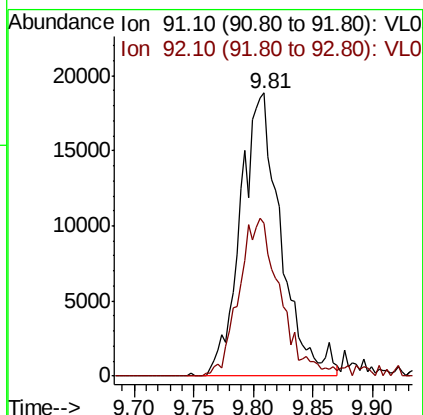
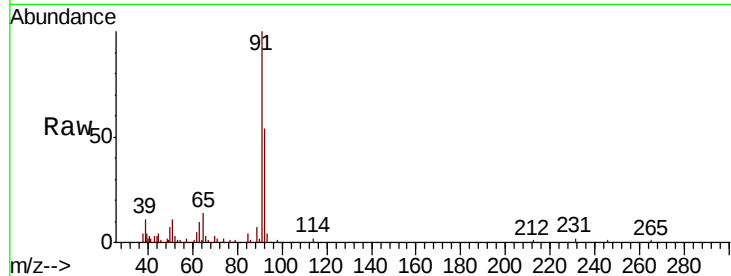
Concen: 0.133 ppbv m
RT: 9.81 min Scan# 2184
Delta R.T. -0.01 min
Lab File: VL037304.D
Acq: 31 Jul 2021 5:18

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAY-ROOM-2DL

Tot Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.2	72.2#

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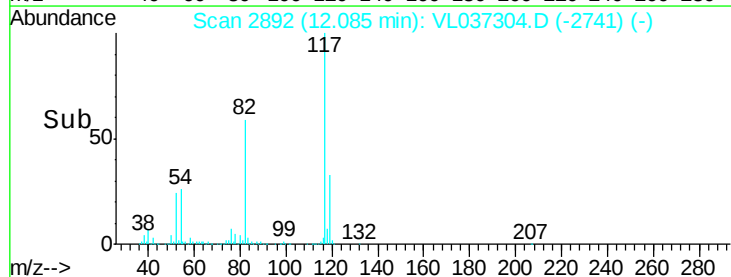
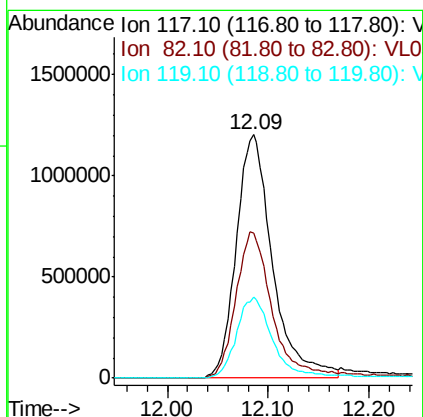
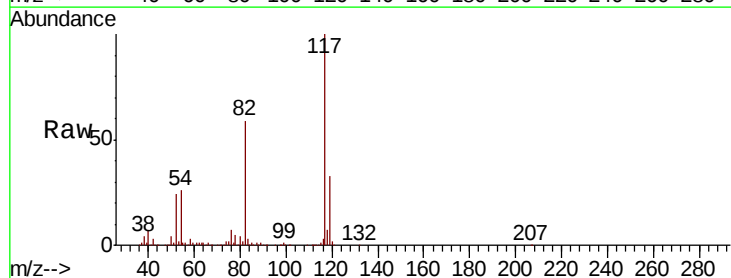


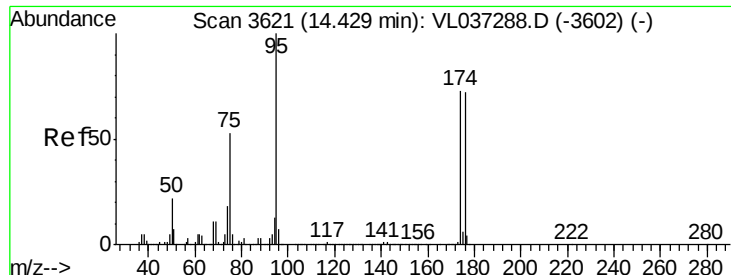
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL037304.D
Acq: 31 Jul 2021 5:18

Tgt Ion	Ratio	Lower	Upper
117	100		
82	62.9	47.2	70.8
119	34.8	45.8	68.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.332 ppbv
 RT: 14.41 min Scan# 3616
 Delta R.T. -0.02 min
 Lab File: VL037304.D
 Acq: 31 Jul 2021 5:18

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-PLAY-ROOM-2DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	82.4	59.8	89.6
175	6.0	4.5	6.7

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