

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111220\
 Data File : VL035929.D
 Acq On : 13 Nov 2020 1:16
 Operator : SY/AP
 Sample : L4721-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LA-3DL

Manual Integrations
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Quant Time: Nov 13 03:47:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 0
 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	5.66	49	1139063	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3911964	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3625151	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2607413	10.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	11334	0.227	ppbv	95
13) Ethanol	3.60	45	2601496	240.184	ppbv	95
15) Acetone	3.85	43	172035	1.413	ppbv	91
17) tert-Butyl alcohol	4.30	59	18298m	0.113	ppbv	
19) Isopropyl Alcohol	3.97	45	774720	10.352	ppbv #	97
20) Methylene Chloride	4.34	84	35947	0.419	ppbv	94
26) Hexane	5.68	57	41584	0.314	ppbv #	46
53) Toluene	9.81	91	51205	0.146	ppbv	98

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

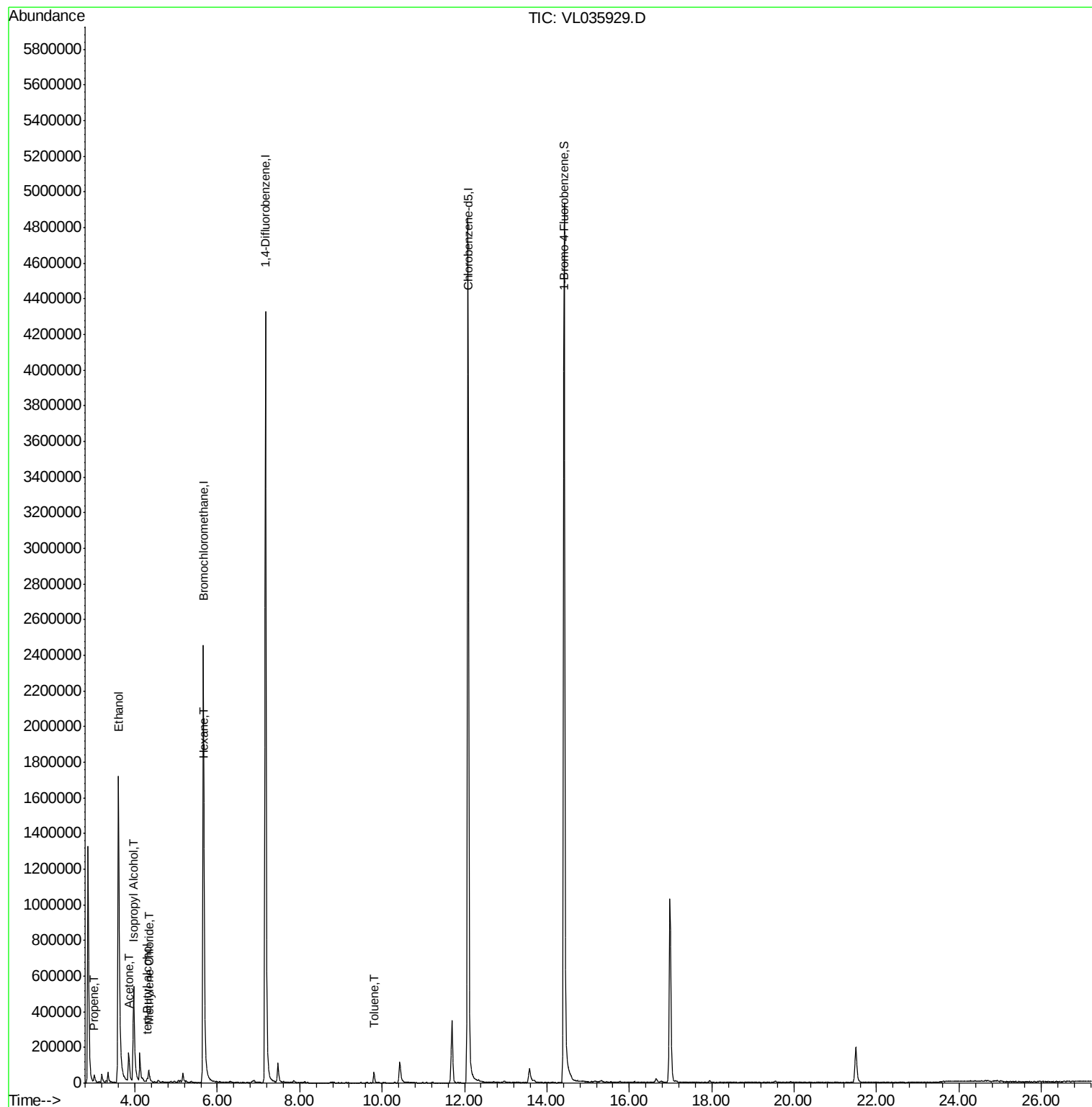
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Data File : VL035929.D
Acq On : 13 Nov 2020 1:16
Operator : SY/AP
Sample : L4721-03DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

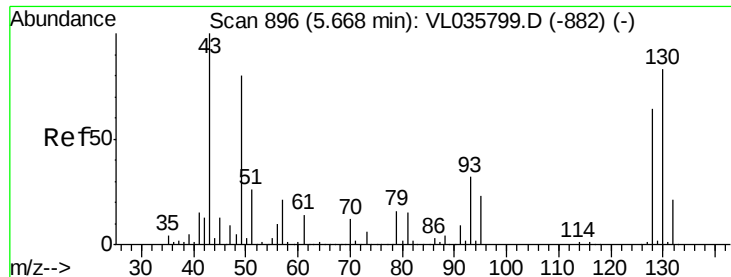
Instrument :
MSVOA_L
ClientSampleId :
LA-3DL

Manual Integrations
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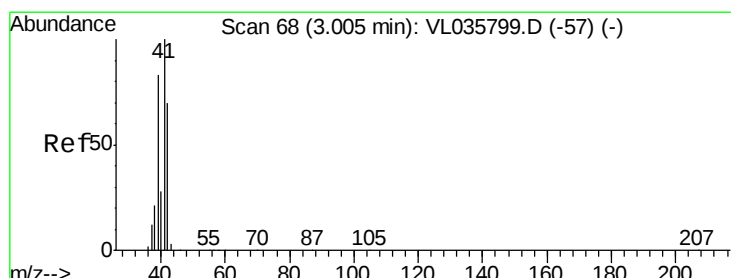
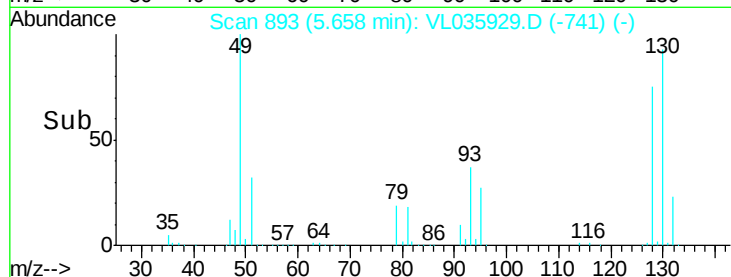
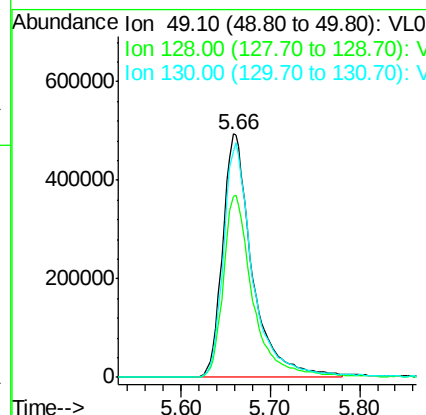
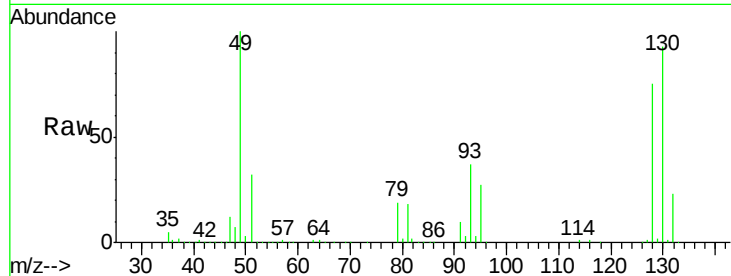
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL035929.D
Acq: 13 Nov 2020 1:16

Instrument :
MSVOA_L
ClientSampled :
LA-3DL

Tot Ion: 49 Resp: 1139063
Ion Ratio Lower Upper
49 100
128 75.5 41.5 124.6
130 95.8 53.7 161.1

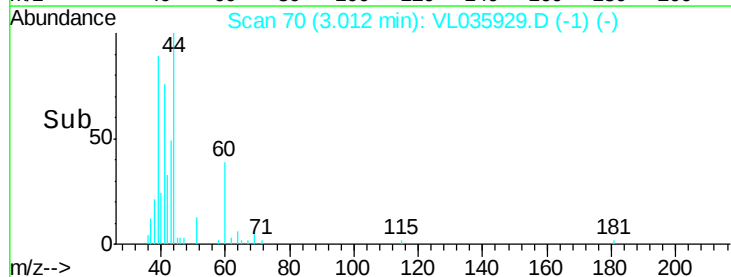
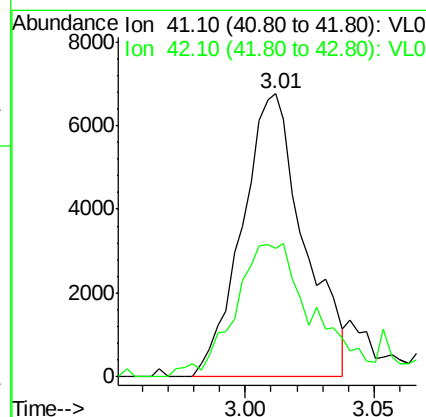
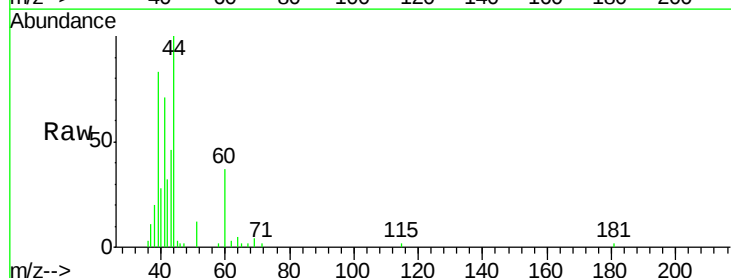
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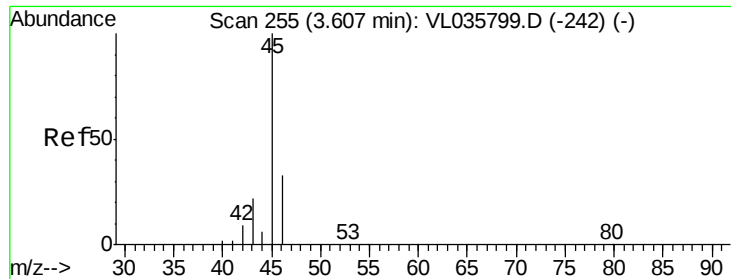
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#9
Propene
Concen: 0.227 ppbv
RT: 3.01 min Scan# 70
Delta R.T. 0.01 min
Lab File: VL035929.D
Acq: 13 Nov 2020 1:16

Tgt Ion: 41 Resp: 11334
Ion Ratio Lower Upper
41 100
42 66.3 56.2 84.4





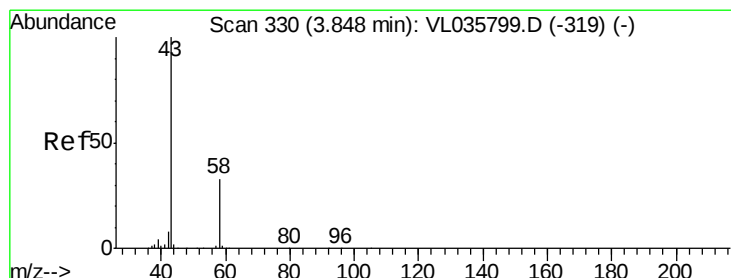
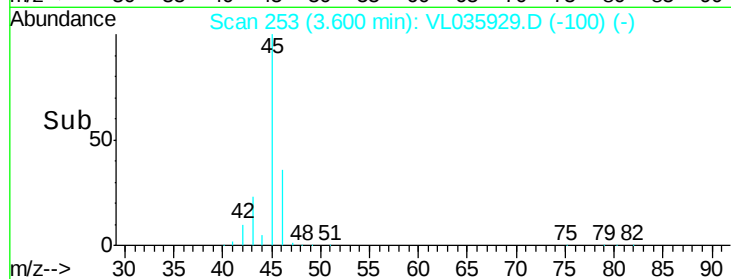
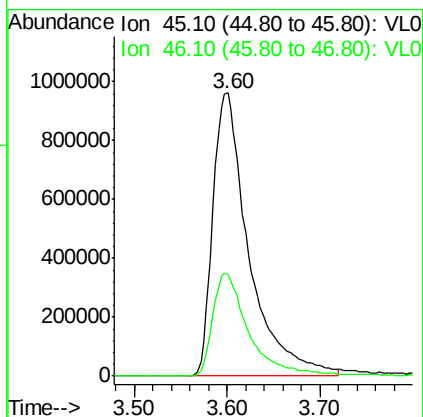
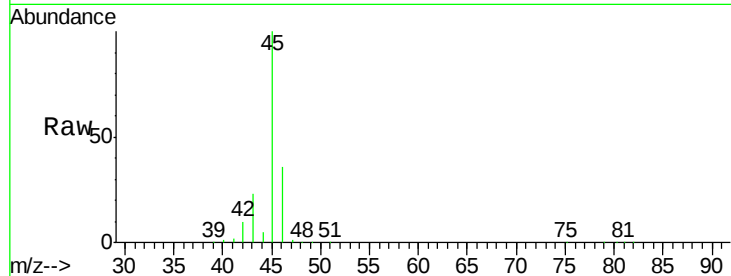
#13
Ethanol
Concen: 240.184 ppbv
RT: 3.60 min Scan# 253
Delta R.T. -0.01 min
Lab File: VL035929.D
Acq: 13 Nov 2020 1:16

Instrument :
MSVOA_L
ClientSampleId :
LA-3DL

Tot Ion: 45 Resp: 2601496
Ion Ratio Lower Upper
45 100
46 36.9 16.1 64.5

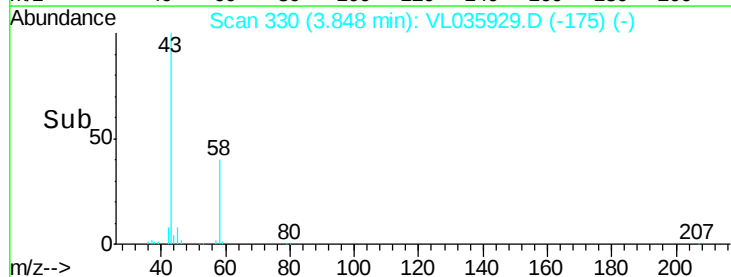
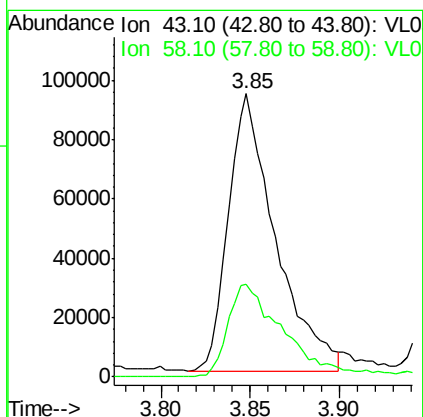
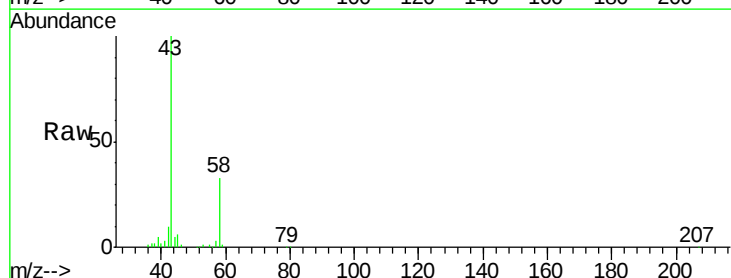
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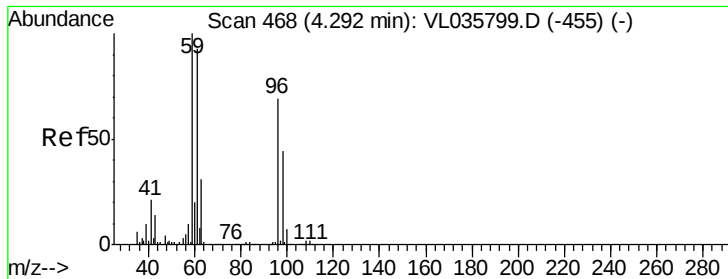
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#15
Acetone
Concen: 1.413 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL035929.D
Acq: 13 Nov 2020 1:16

Tgt Ion: 43 Resp: 172035
Ion Ratio Lower Upper
43 100
58 39.5 27.5 41.3





#17

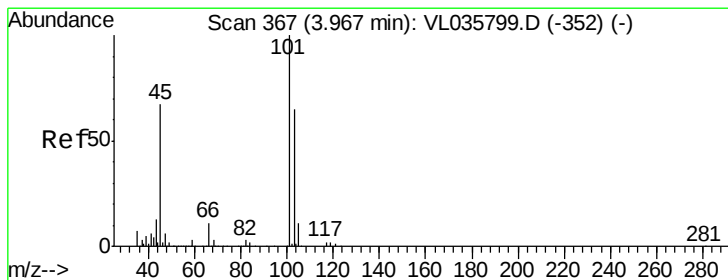
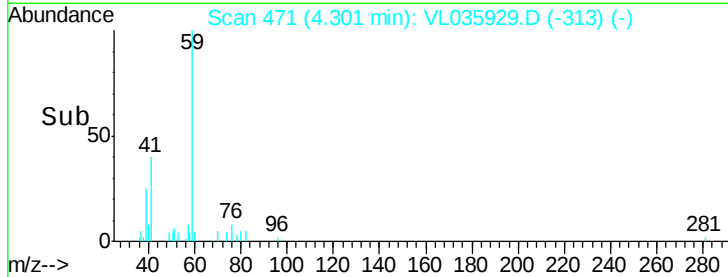
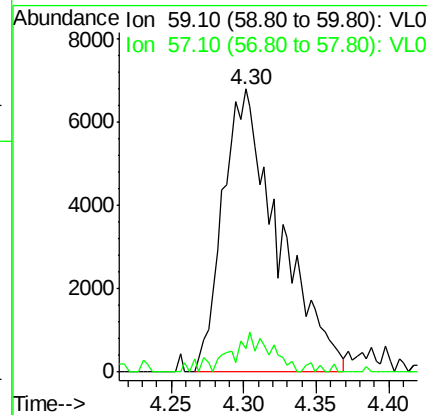
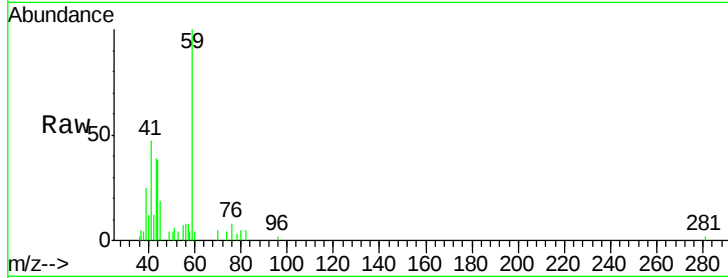
tert-Butyl alcohol
 Concen: 0.113 ppbv
 RT: 4.30 min Scan# 471
 Delta R.T. 0.01 min
 Lab File: VL035929.D
 Acq: 13 Nov 2020 1:16

Instrument :
 MSVOA_L
 ClientSampled :
 LA-3DL

Tot Ion	59	Ratio	Lower	Upper
18298	100			
57	10.9	8.2	12.4	

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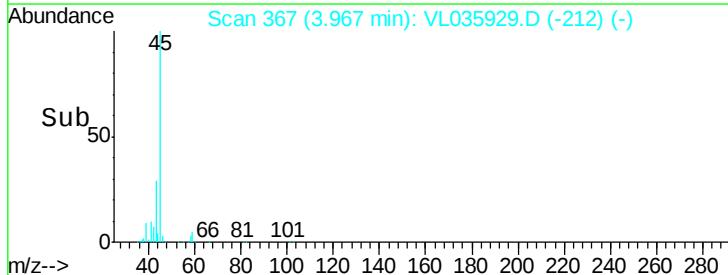
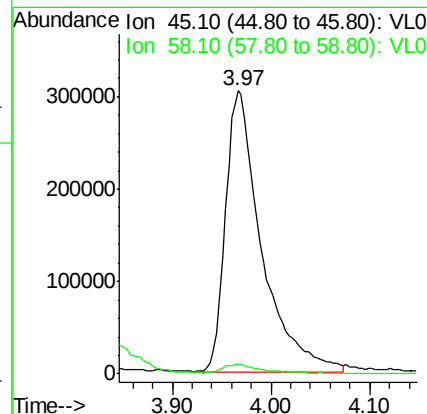
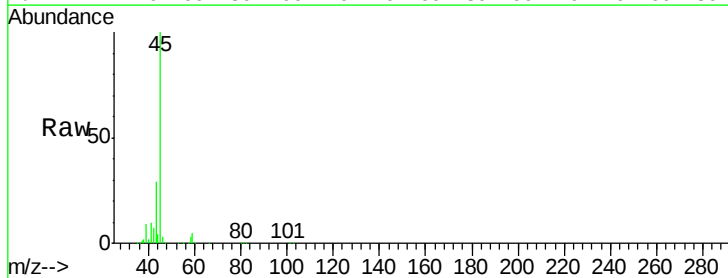
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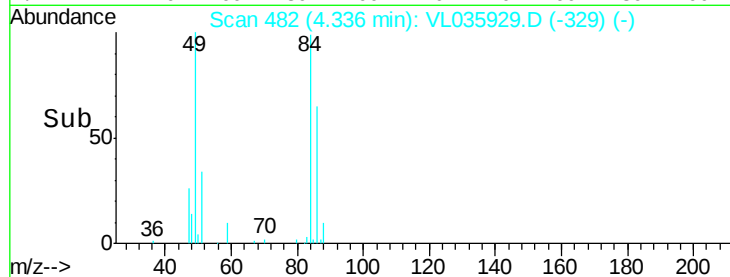
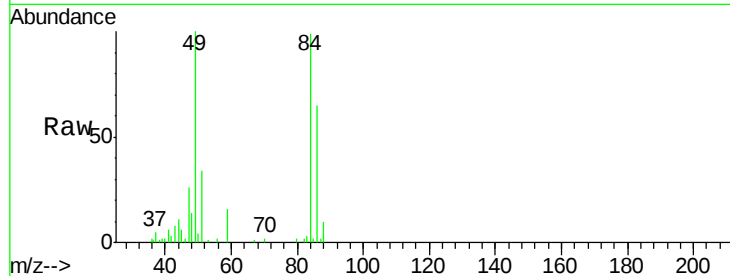
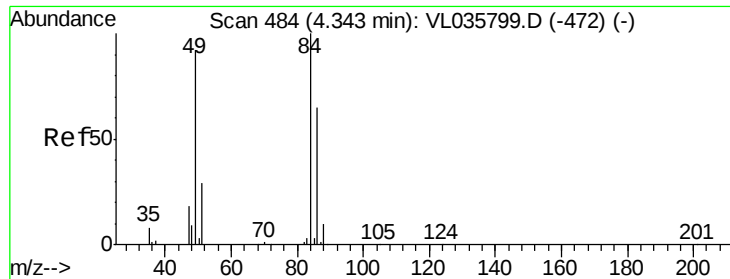


#19

Isopropyl Alcohol
 Concen: 10.352 ppbv
 RT: 3.97 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: VL035929.D
 Acq: 13 Nov 2020 1:16

Tgt Ion	45	Ratio	Lower	Upper
774720	100			
58	4.3	2.6	3.8#	





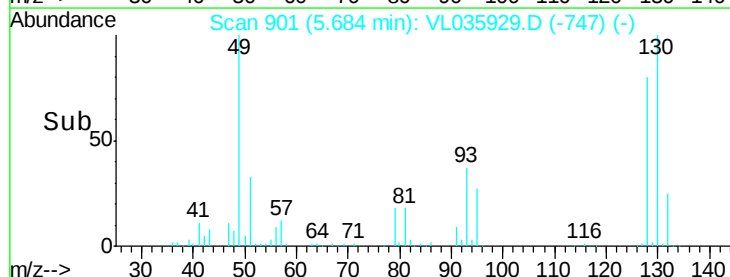
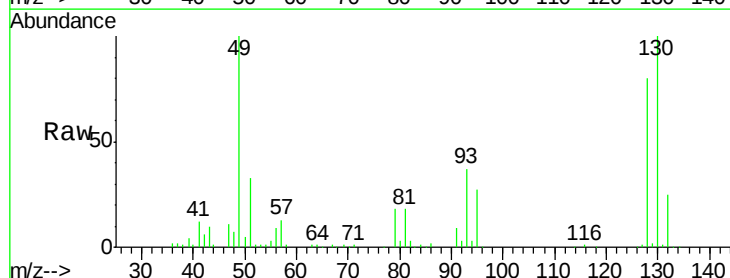
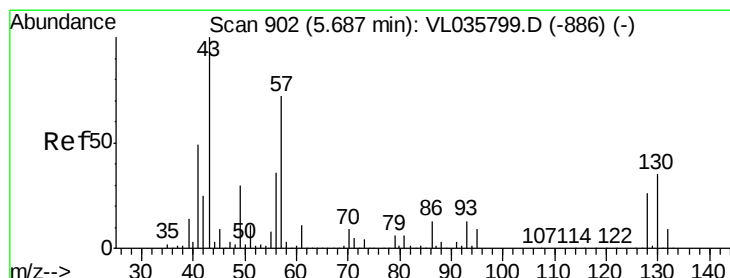
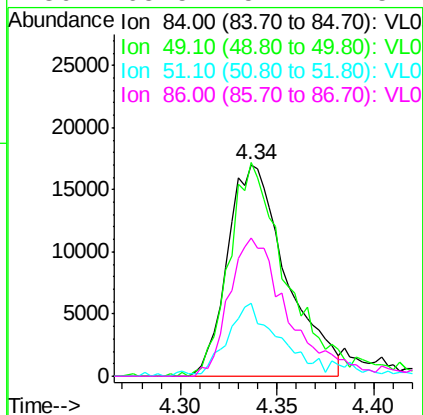
#20
Methvlene Chloride
Concen: 0.419 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL035929.D
Acq: 13 Nov 2020 1:16

Tot Ion	84	Resp	35947
Ion	Ratio	Lower	Upper
84	100		
49	100.9	73.8	110.8
51	33.5	23.0	34.4
86	65.5	52.1	78.1

Instrument :
MSVOA_L
ClientSampled :
LA-3DL

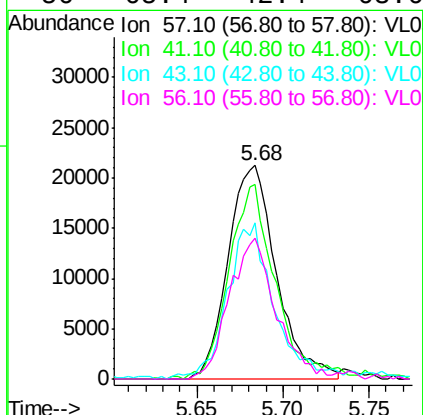
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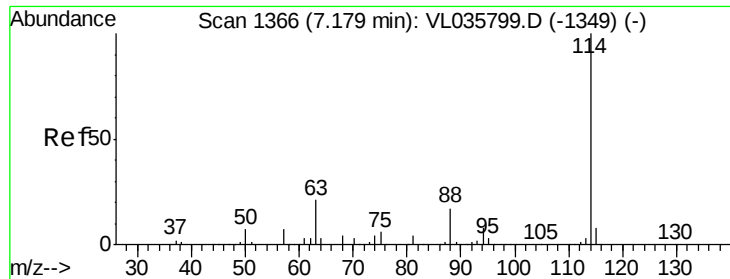
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#26
Hexane
Concen: 0.314 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL035929.D
Acq: 13 Nov 2020 1:16

Tgt Ion	57	Resp	41584
Ion	Ratio	Lower	Upper
57	100		
41	89.8	58.9	88.3#
43	73.9	150.2	225.2#
56	65.4	42.4	63.6#





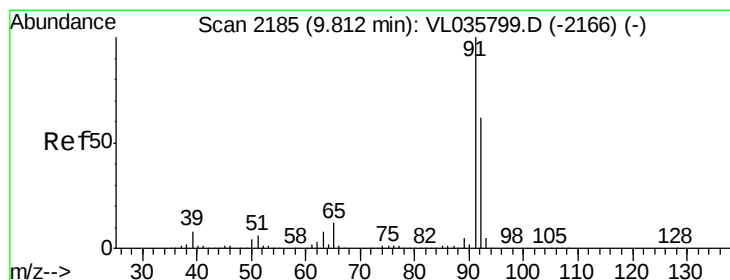
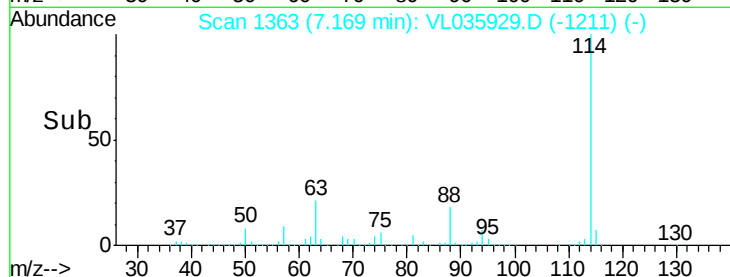
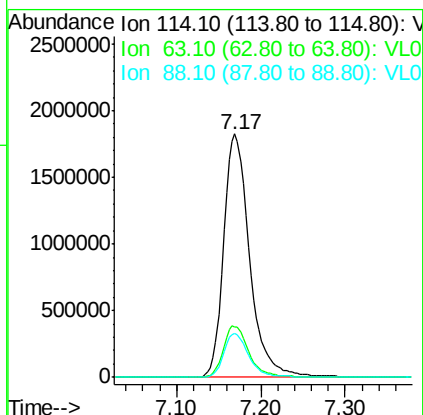
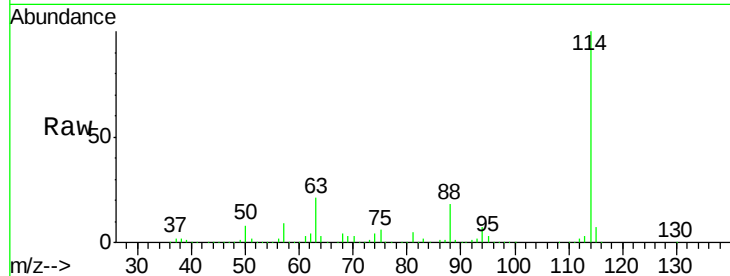
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: VL035929.D
 Acq: 13 Nov 2020 1:16

Instrument :
 MSVOA_L
 ClientSampleID :
 LA-3DL

Tot Ion: 114 Resp: 3911964
 Ion Ratio Lower Upper
 114 100
 63 21.0 16.1 24.1
 88 17.6 13.7 20.5

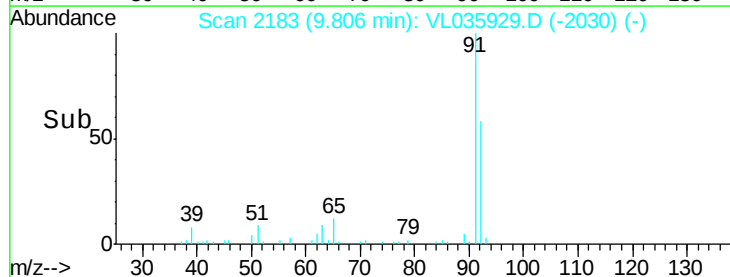
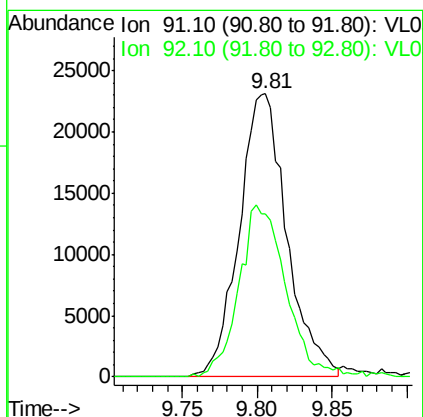
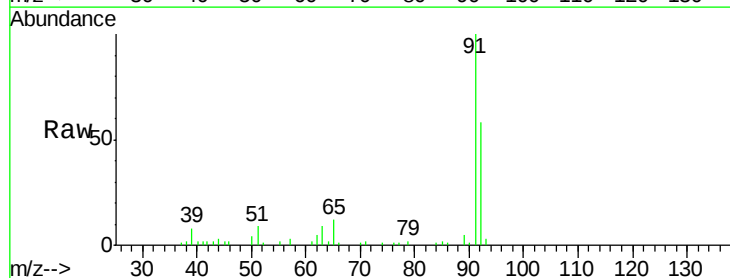
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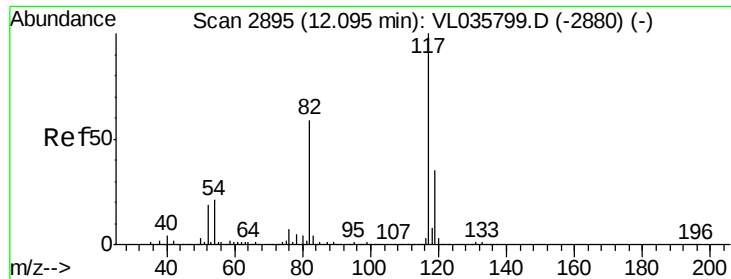
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#53
 Toluene
 Concen: 0.146 ppbv
 RT: 9.81 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: VL035929.D
 Acq: 13 Nov 2020 1:16

Tgt Ion: 91 Resp: 51205
 Ion Ratio Lower Upper
 91 100
 92 60.3 49.8 74.6





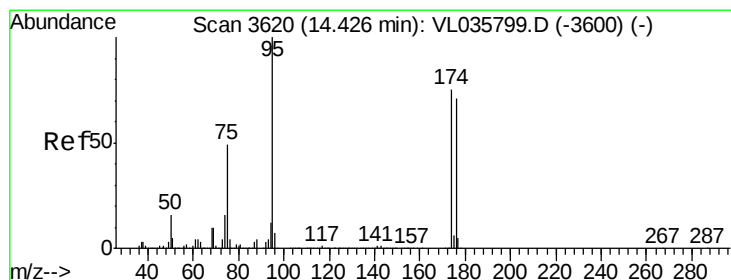
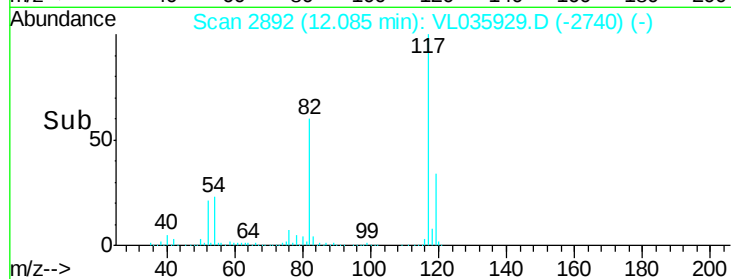
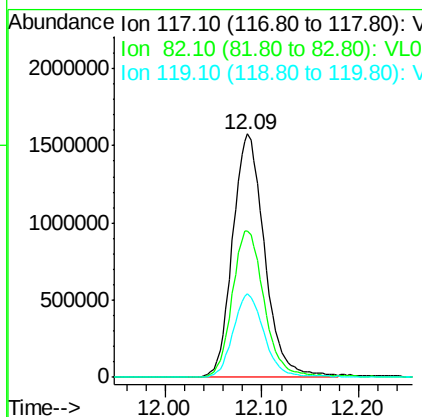
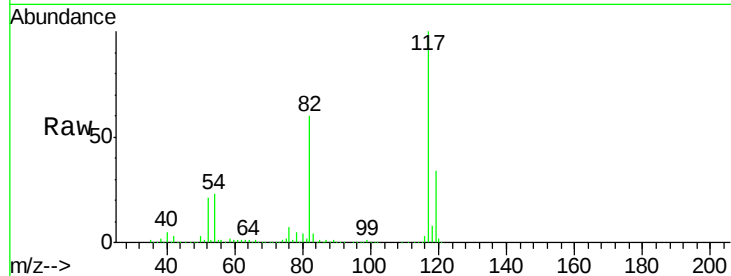
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL035929.D
Acq: 13 Nov 2020 1:16

Instrument :
MSVOA_L
ClientSampled :
LA-3DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.3	50.6	76.0
119	34.1	52.6	78.8#

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.124 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL035929.D
Acq: 13 Nov 2020 1:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.5	59.8	89.6
175	5.1	4.3	6.5

