

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110718\
 Data File : VL032728.D
 Acq On : 7 Nov 2018 22:18
 Operator : SY/AP
 Sample : J5823-08DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-02DL

Manual Integrations
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Quant Time: Nov 12 02:59:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 25 2018
 QLast Update : Thu Oct 25 05:15:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1415493	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3496075	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3458771	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2596484	10.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.05	41	22845	0.501	ppbv	87
13) Ethanol	3.68	45	15287m	1.174	ppbv	
15) Acetone	3.92	43	78923m	0.604	ppbv	
20) Methylene Chloride	4.41	84	24625m	0.371	ppbv	
26) Hexane	5.79	57	29146	0.205	ppbv #	41
36) Benzene	7.02	78	47096	0.166	ppbv #	88
44) 2,2,4-Trimethylpentane	8.00	57	48241	0.100	ppbv #	76
53) Toluene	9.96	91	379370	1.166	ppbv	96
59) m/p-Xylene	13.14	91	85615m	0.239	ppbv	

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

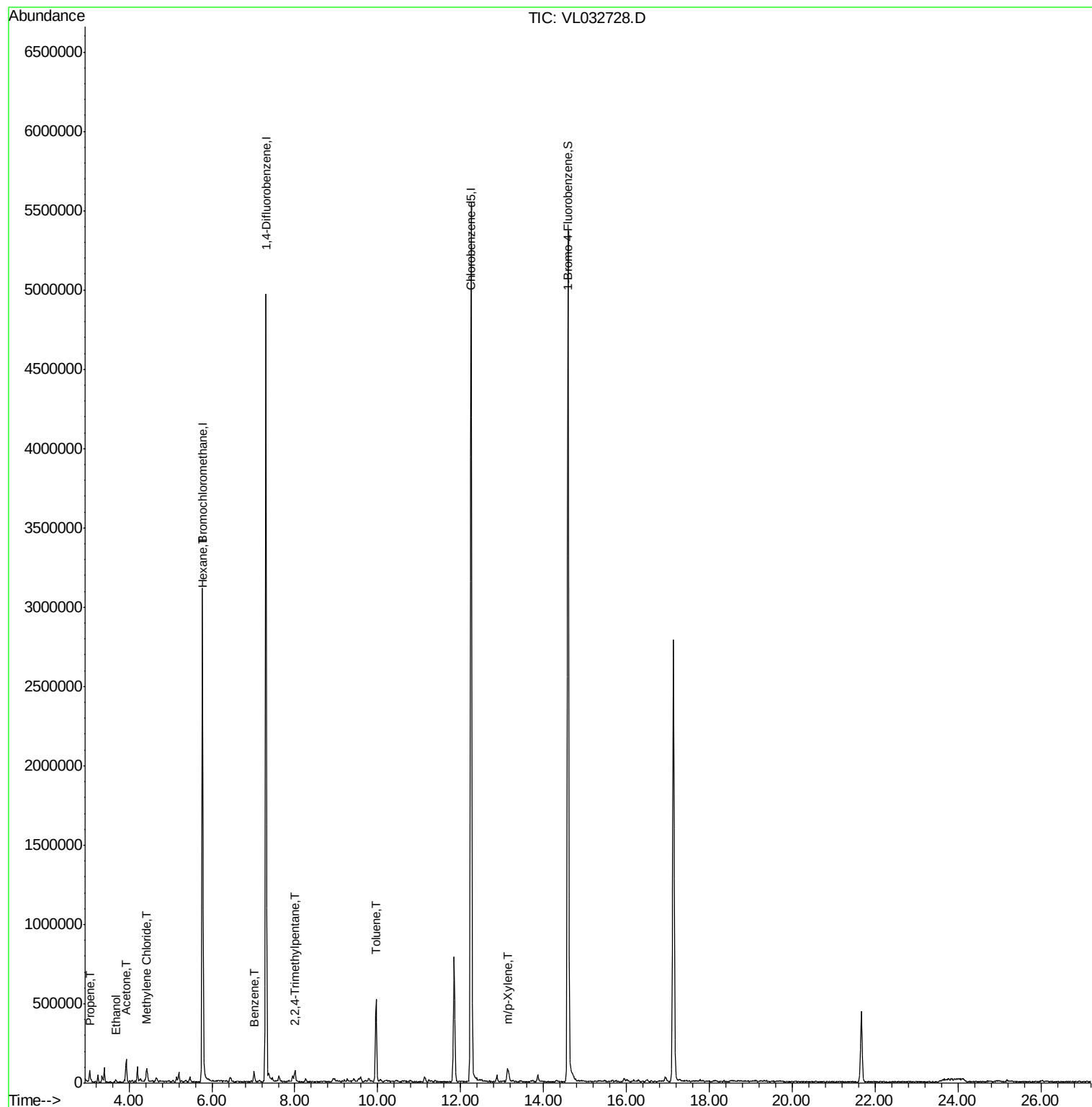
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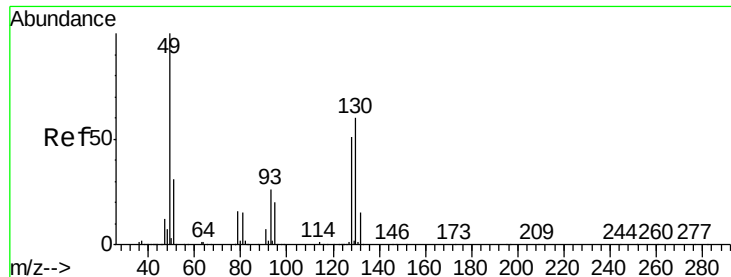
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Nov 12 02:59:33 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct
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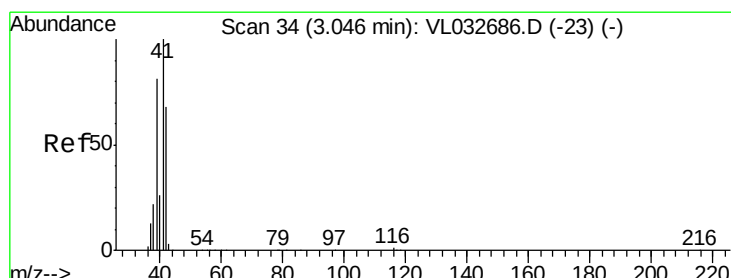
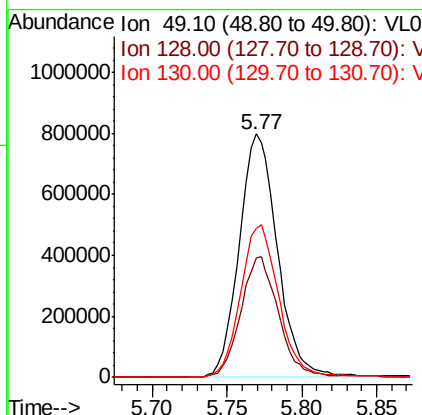
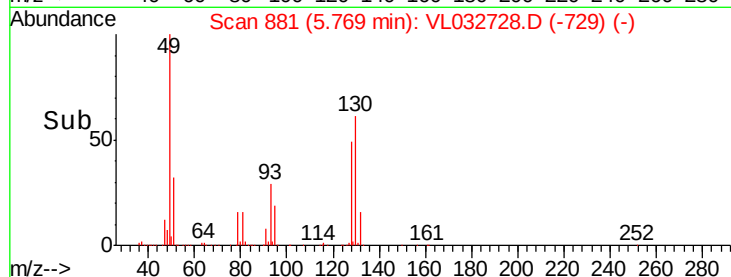
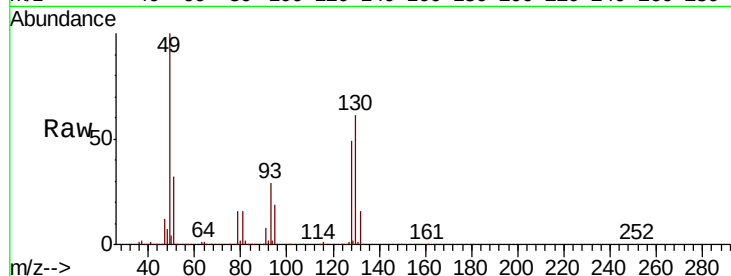
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.77 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: VL032728.D
 Acq: 7 Nov 2018 22:18

Instrument :
 MSVOA_L
 ClientSampleID :
 SV-02DL

Tot Ion:	49	Resp:	1415493
Ion	Ratio	Lower	Upper
49	100		
128	49.6	22.3	66.8
130	63.7	28.4	85.3

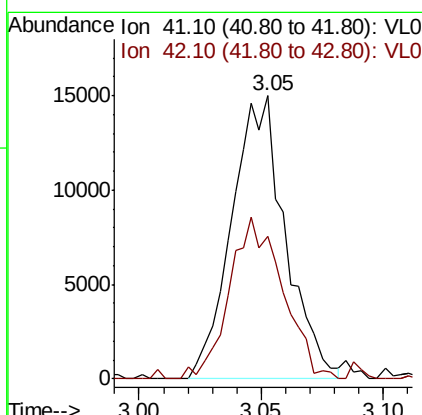
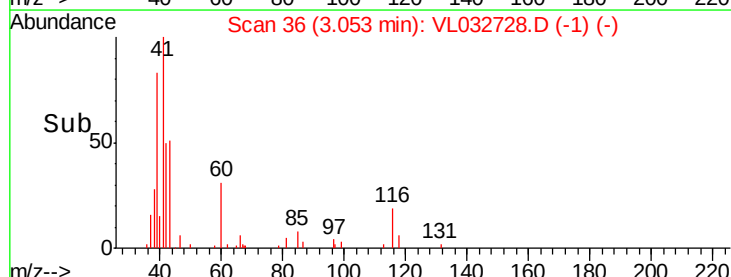
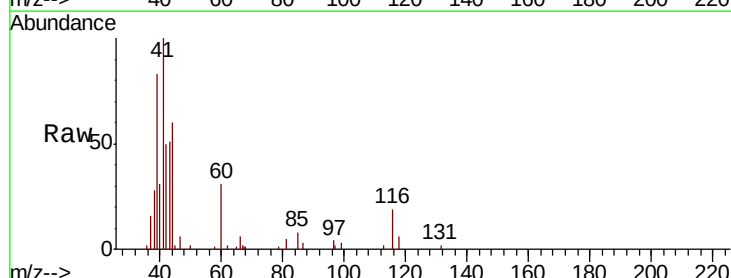
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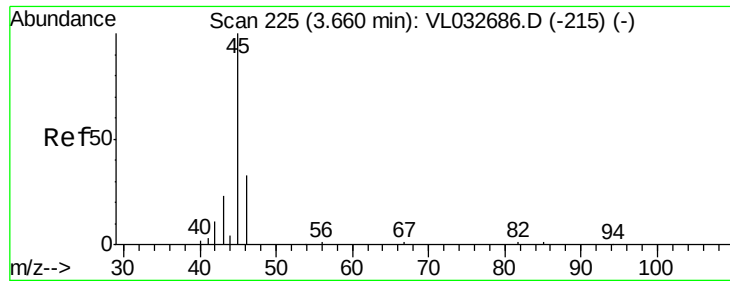
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#9
 Propene
 Concen: 0.501 ppbv
 RT: 3.05 min Scan# 36
 Delta R.T. 0.01 min
 Lab File: VL032728.D
 Acq: 7 Nov 2018 22:18

Tgt Ion:	41	Resp:	22845
Ion	Ratio	Lower	Upper
41	100		
42	58.6	55.4	83.0





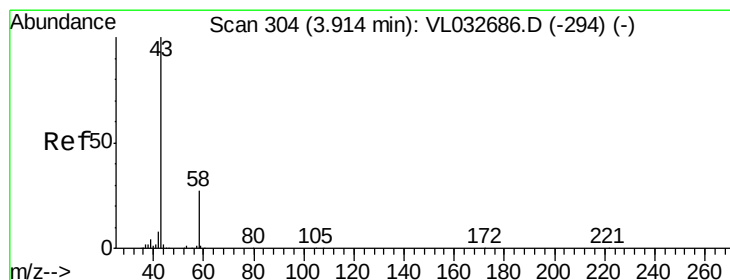
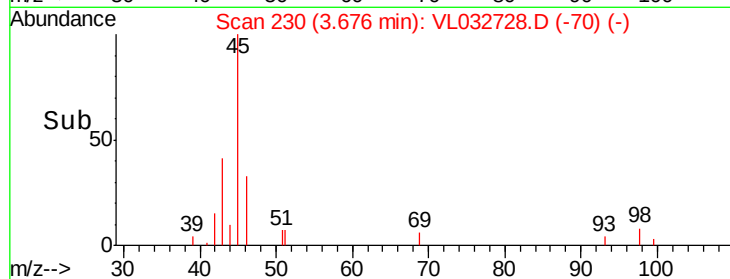
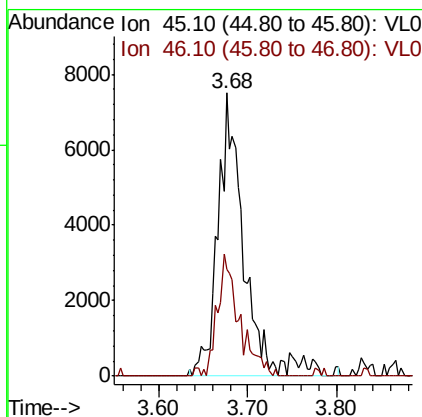
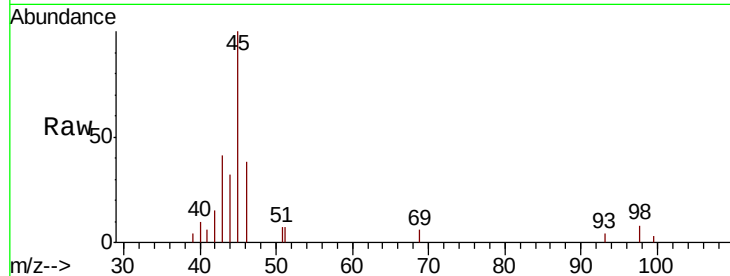
#13
Ethanol
Concen: 1.174 ppbv m
RT: 3.68 min Scan# 230
Delta R.T. 0.02 min
Lab File: VL032728.D
Acq: 7 Nov 2018 22:18

Instrument :
MSVOA_L
ClientSampleId :
SV-02DL

Tot Ion	45	46	Ratio	Lower	Upper
15287	100	0.0		15.4	61.8#

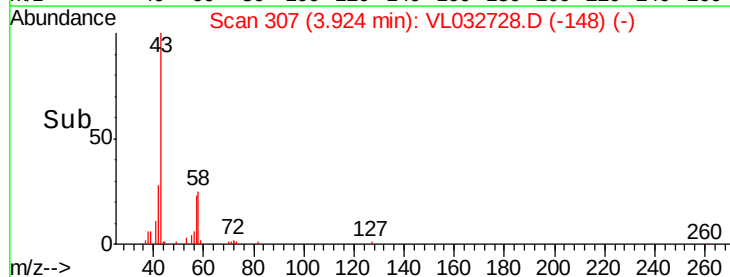
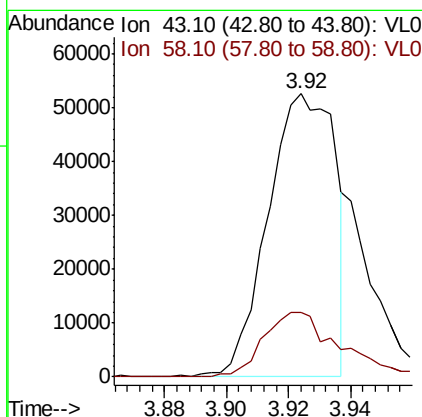
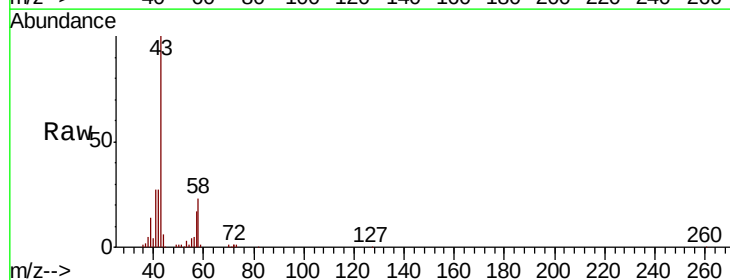
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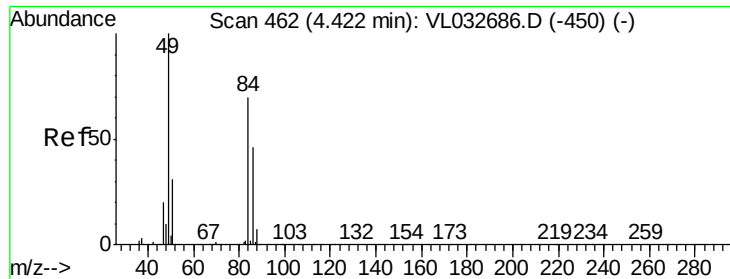
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#15
Acetone
Concen: 0.604 ppbv m
RT: 3.92 min Scan# 307
Delta R.T. 0.01 min
Lab File: VL032728.D
Acq: 7 Nov 2018 22:18

Tgt Ion	43	58	Ratio	Lower	Upper
78923	100	0.0		22.1	33.1#





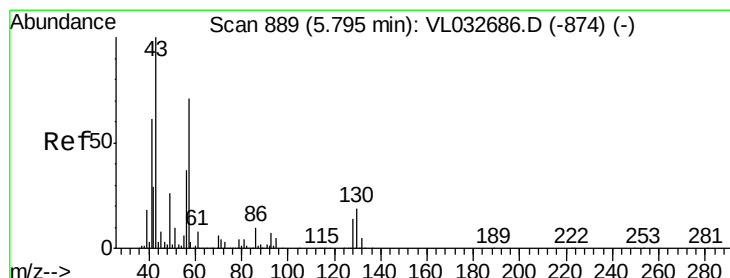
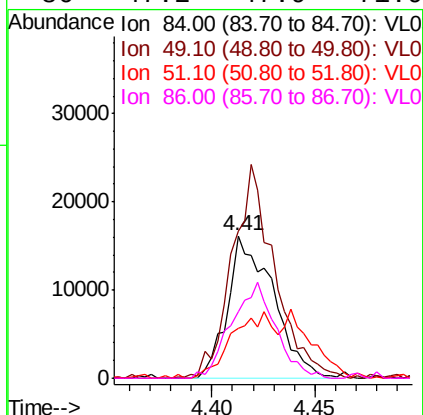
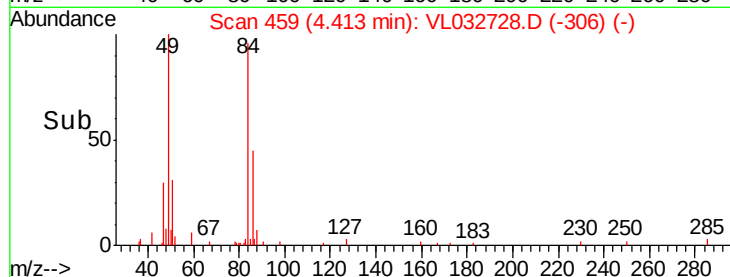
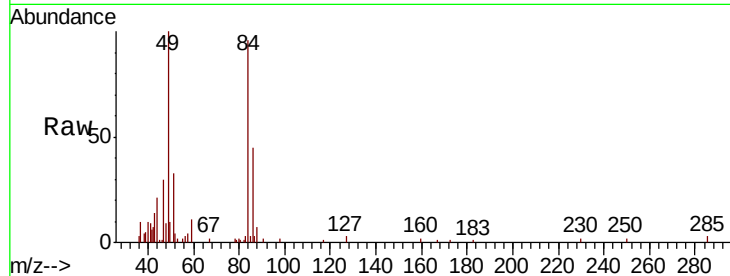
#20
Methvlene Chloride
Concen: 0.371 ppbv
RT: 4.41 min Scan# 459
Delta R.T. -0.01 min
Lab File: VL032728.D
Acq: 7 Nov 2018 22:18

Instrument :
MSVOA_L
ClientSampleId :
SV-02DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
84	100				
49	104.0	113.5	170.3#		
51	34.8	34.8	52.2#		
86	47.2	47.9	71.9#		

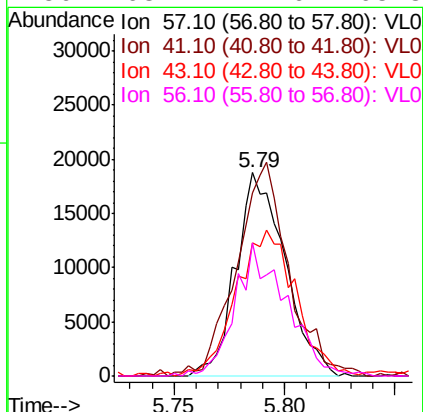
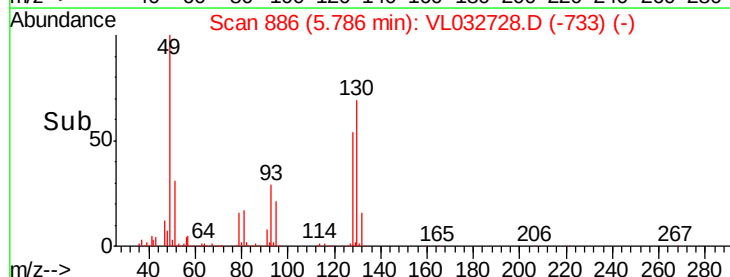
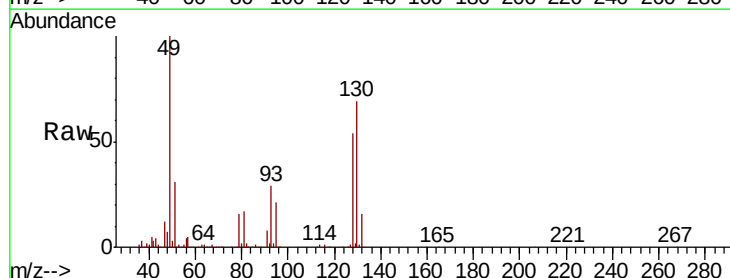
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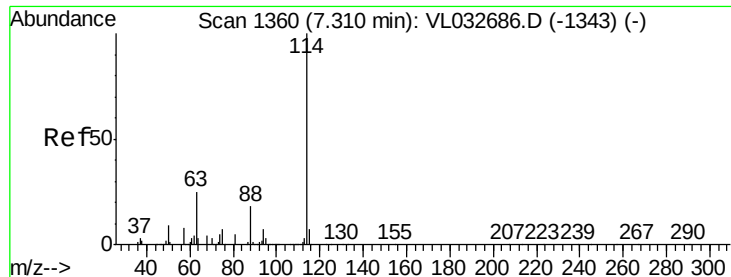
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#26
Hexane
Concen: 0.205 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.01 min
Lab File: VL032728.D
Acq: 7 Nov 2018 22:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
57	100				
41	112.2	67.4	101.0#		
43	88.8	171.9	257.9#		
56	68.1	42.6	63.8#		





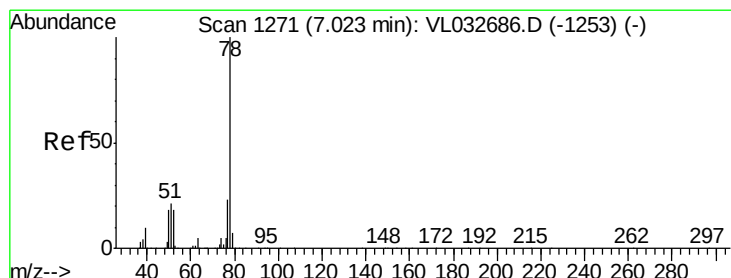
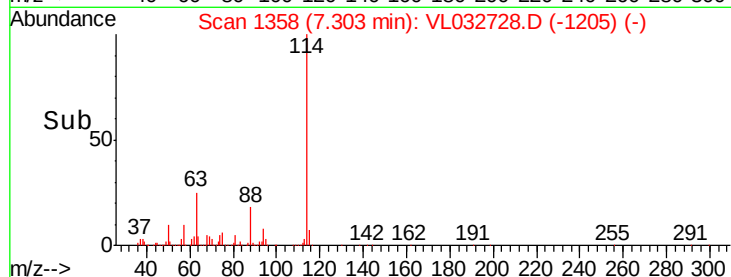
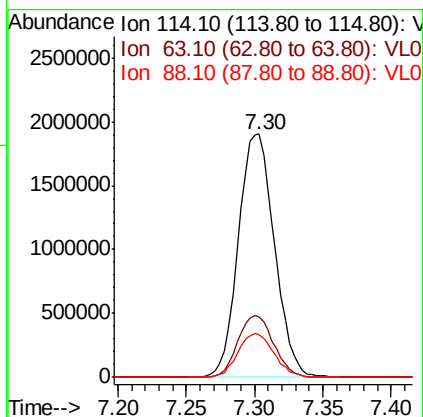
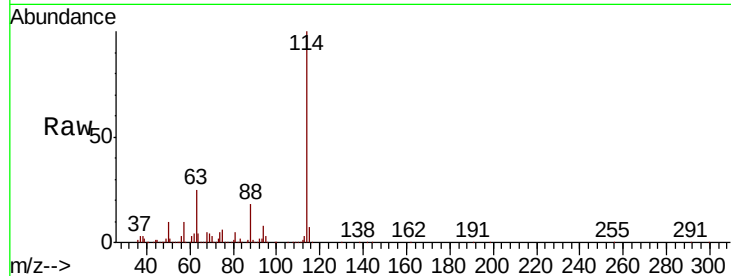
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.30 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VL032728.D
 Acq: 7 Nov 2018 22:18

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-02DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.5	21.7	32.5
88	18.0	14.9	22.3

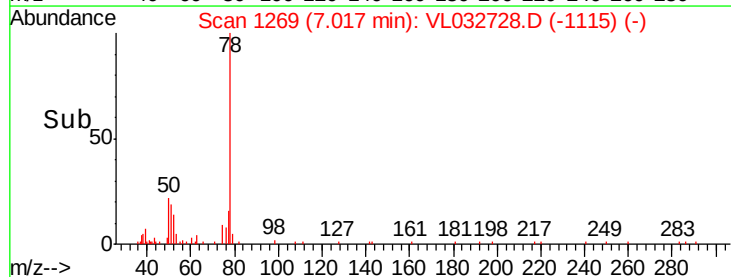
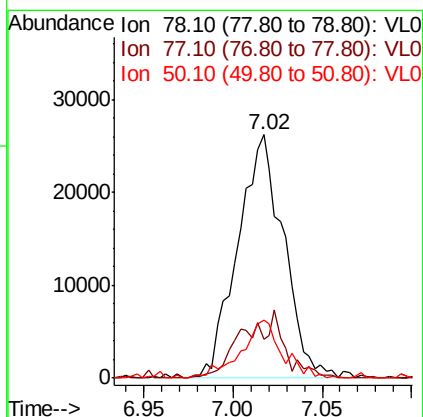
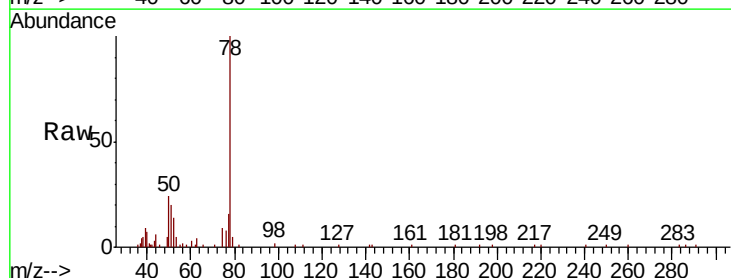
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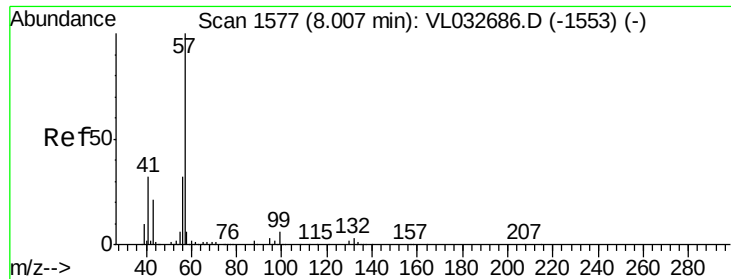
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#36
 Benzene
 Concen: 0.166 ppbv
 RT: 7.02 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VL032728.D
 Acq: 7 Nov 2018 22:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	16.1	18.1	27.1#
50	23.7	15.1	22.7#





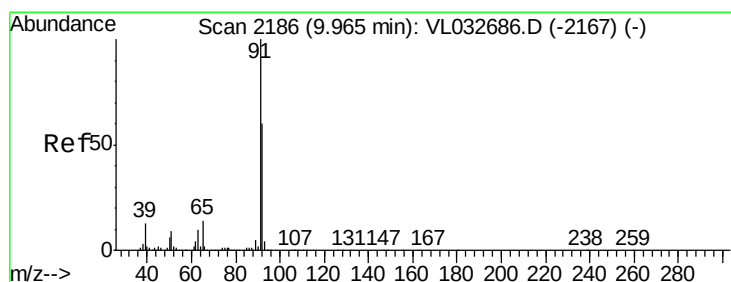
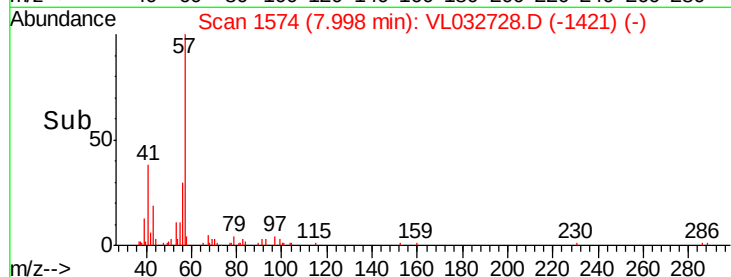
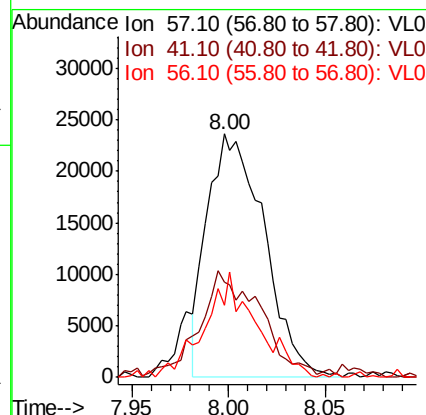
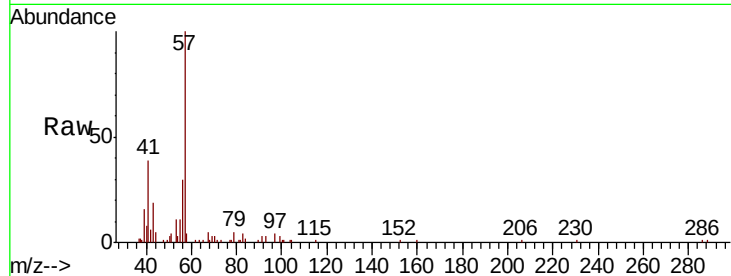
#44
 2,2,4-Trimethylpentane
 Concen: 0.100 ppbv
 RT: 8.00 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: VL032728.D
 Acq: 7 Nov 2018 22:18

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-02DL

Tot Ion	57	Resp	48241
Ion Ratio	Lower	Upper	
57	100		
41	48.5	24.7	37.1#
56	40.1	25.0	37.4#

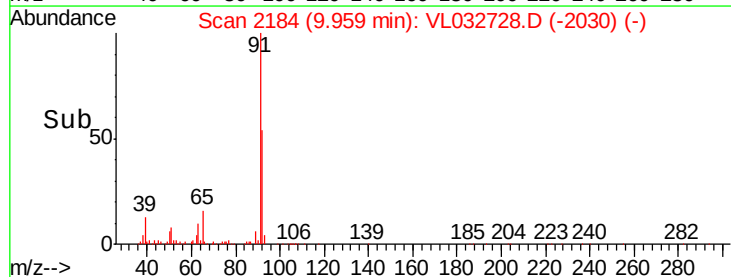
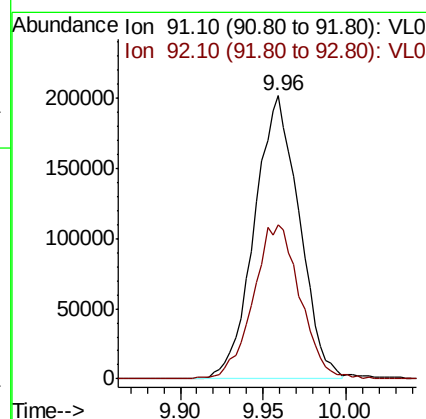
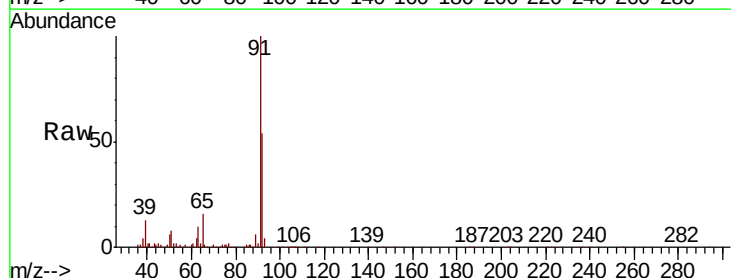
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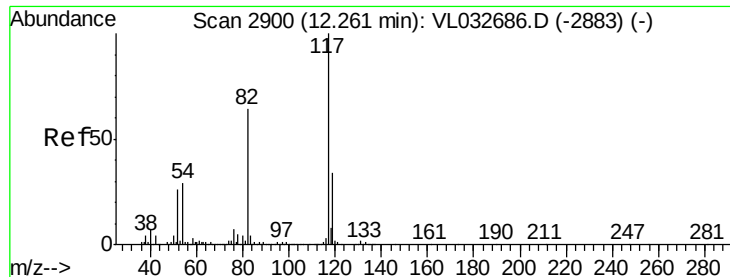
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#53
 Toluene
 Concen: 1.166 ppbv
 RT: 9.96 min Scan# 2184
 Delta R.T. -0.00 min
 Lab File: VL032728.D
 Acq: 7 Nov 2018 22:18

Tgt Ion	91	Resp	379370
Ion Ratio	Lower	Upper	
91	100		
92	57.3	48.4	72.6





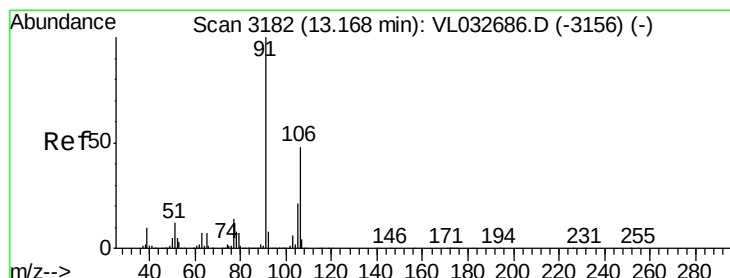
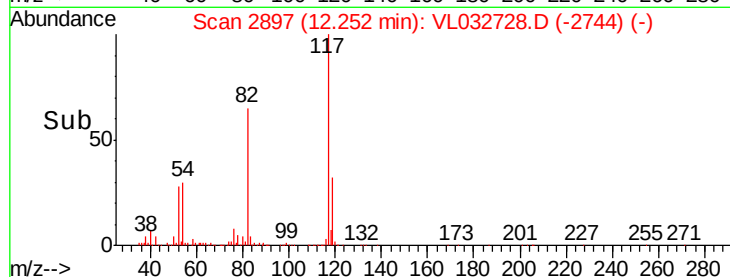
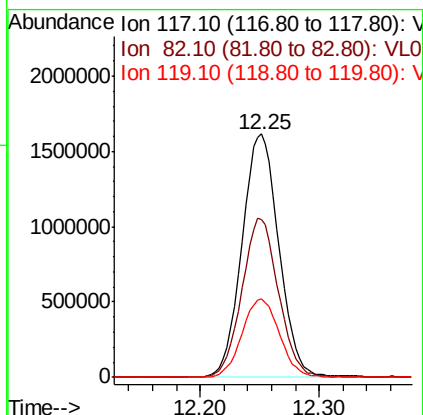
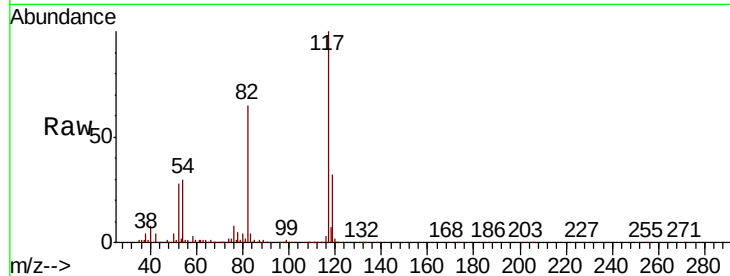
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL032728.D
Acq: 7 Nov 2018 22:18

Instrument :
MSVOA_L
ClientSampleId :
SV-02DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	65.5	52.7	79.1
119	32.8	26.7	40.1

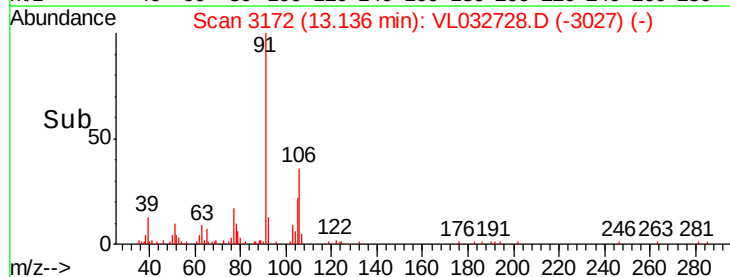
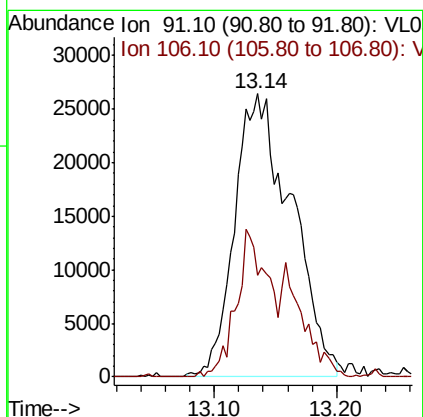
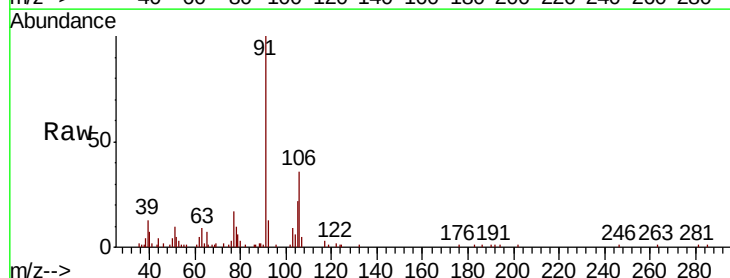
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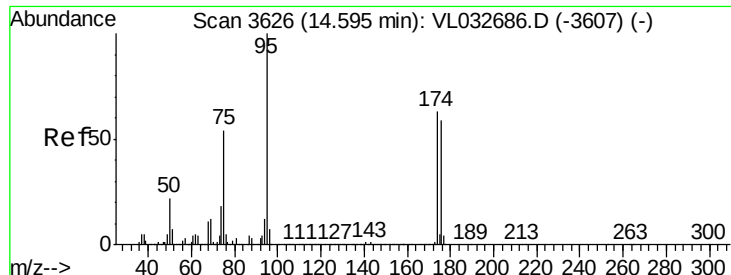
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#59
m/p-Xylene
Concen: 0.239 ppbv m
RT: 13.14 min Scan# 3172
Delta R.T. -0.03 min
Lab File: VL032728.D
Acq: 7 Nov 2018 22:18

Tgt Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.9	53.9#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.082 ppbv
 RT: 14.59 min Scan# 3624
 Delta R.T. -0.00 min
 Lab File: VL032728.D
 Acq: 7 Nov 2018 22:18

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-02DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	64.0	46.0	69.0
175	4.6	3.4	5.0

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