

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062921\
 Data File : VL037249.D
 Acq On : 29 Jun 2021 15:03
 Operator : SY/AP
 Sample : M2887-02DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DL

Manual Integrations
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Quant Time: Jun 30 09:23:27 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 1
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1747583	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	5091376	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	4647009	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.40	95	3488175	9.91	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	3272254	30.117	ppbv	93
10) Heptane	8.11	43	155659	0.592	ppbv	94
15) Acetone	3.85	43	1559421m	7.913	ppbv	
26) Hexane	5.67	57	347377	1.611	ppbv #	41
29) Chloroform	5.74	83	48205	0.145	ppbv	92
30) Cyclohexane	7.12	84	32127m	0.179	ppbv	
34) 2-Butanone	5.26	43	119913	0.606	ppbv #	86
36) Benzene	6.88	78	203302	0.494	ppbv	93
53) Toluene	9.79	91	162711	0.331	ppbv	99
59) m/p-Xylene	12.96	91	61668m	0.114	ppbv	
69) p-Isopropyltoluene	17.64	119	117221m	0.160	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	93061	0.159	ppbv #	71
79) Naphthalene	22.19	128	98420m	0.202	ppbv	
80) Naphthalene,2-methyl-	24.96	142	99450	0.779	ppbv #	83

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

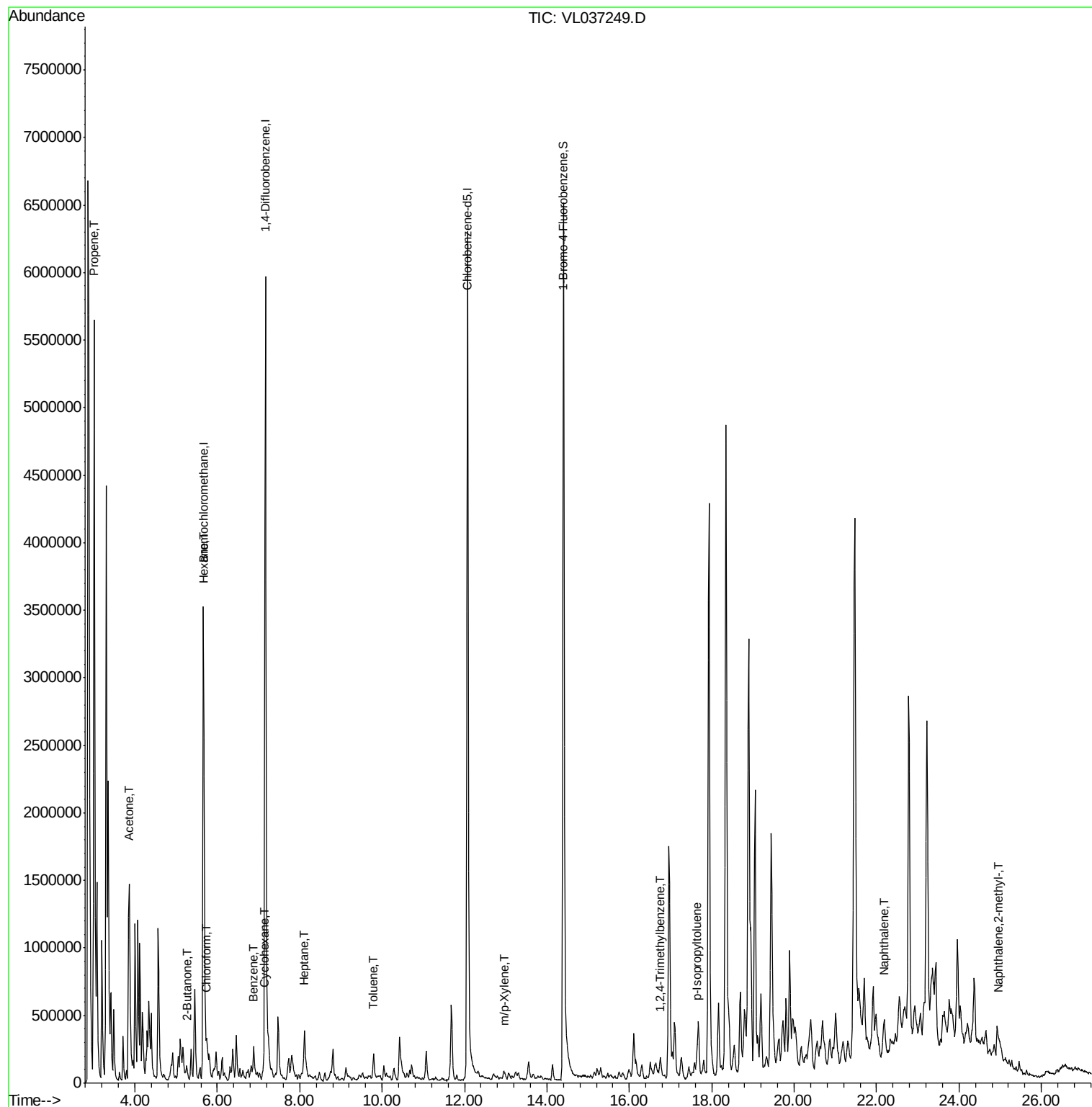
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Data File : VL037249.D
Acq On : 29 Jun 2021 15:03
Operator : SY/AP
Sample : M2887-02DL 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

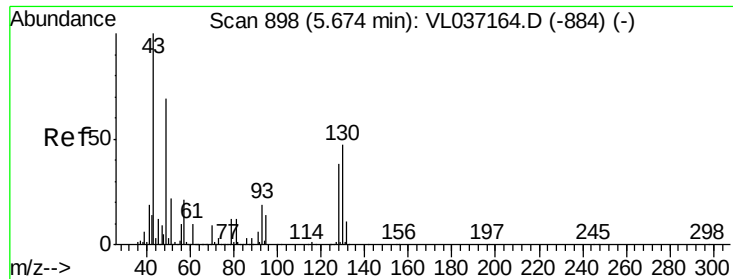
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Manual Integrations
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Quant Time: Jun 30 09:23:27 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration





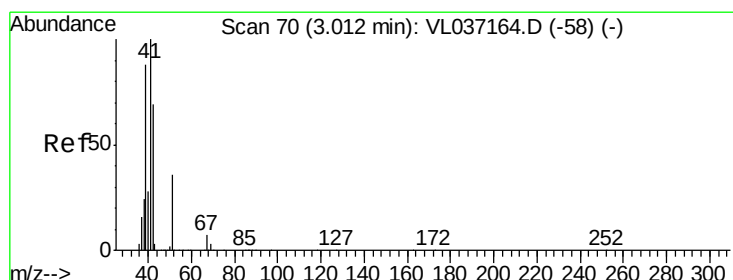
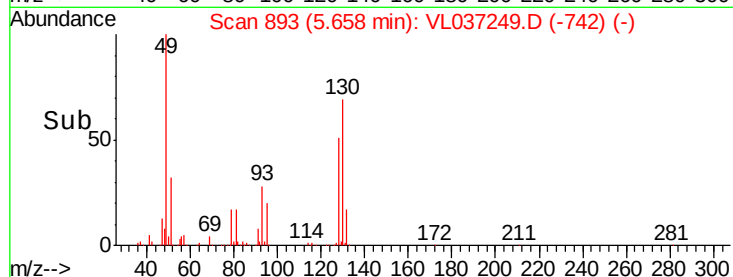
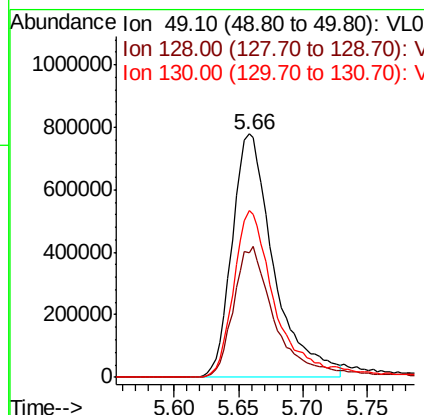
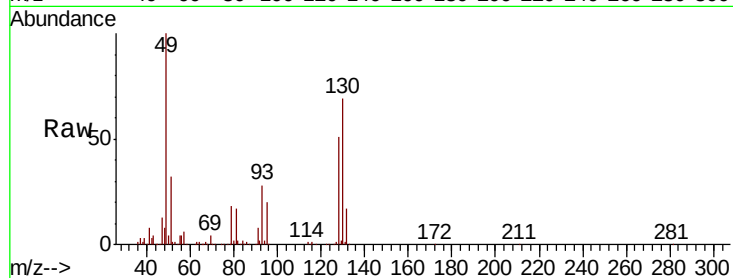
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.02 min
Lab File: VL037249.D
Acq: 29 Jun 2021 15:03

Instrument :
MSVOA_L
ClientSampled :
SV-2DL

Tot Ion: 49 Resp: 1747583
Ion Ratio Lower Upper
49 100
128 56.3 29.3 88.0
130 70.7 35.9 107.8

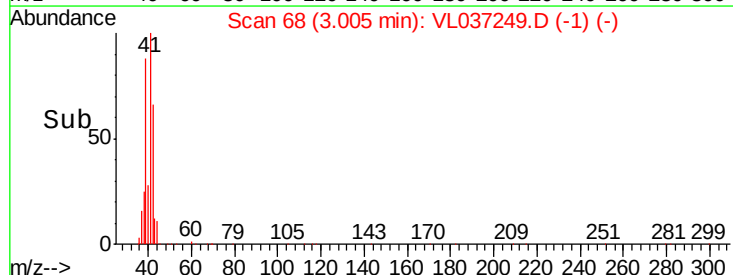
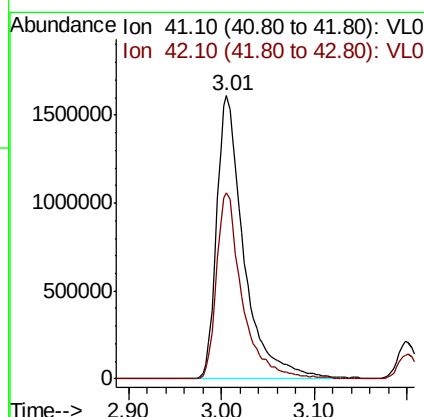
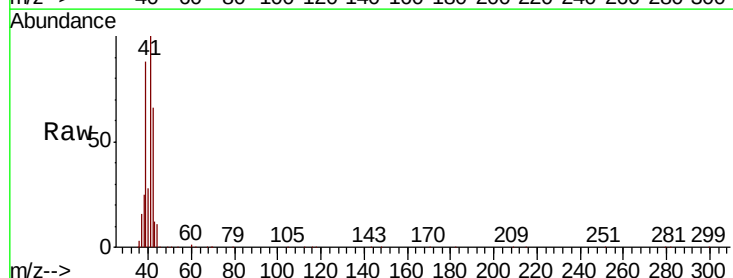
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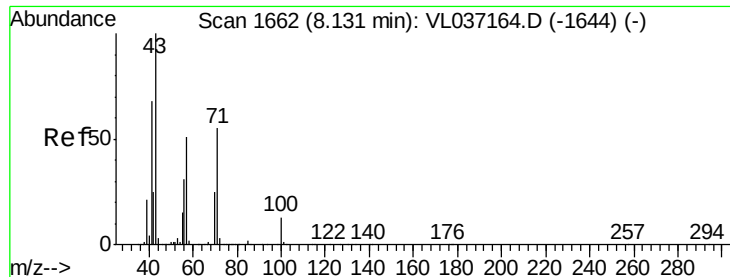
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#9
Propene
Concen: 30.117 ppbv
RT: 3.01 min Scan# 68
Delta R.T. -0.01 min
Lab File: VL037249.D
Acq: 29 Jun 2021 15:03

Tgt Ion: 41 Resp: 3272254
Ion Ratio Lower Upper
41 100
42 62.5 54.5 81.7





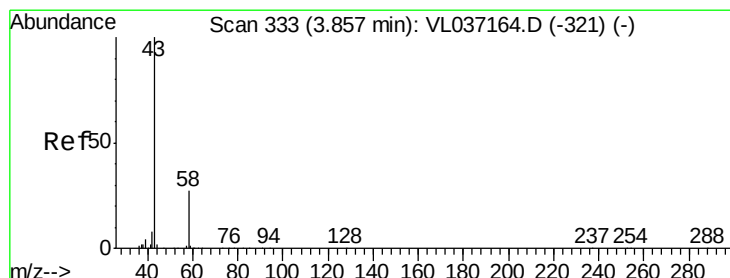
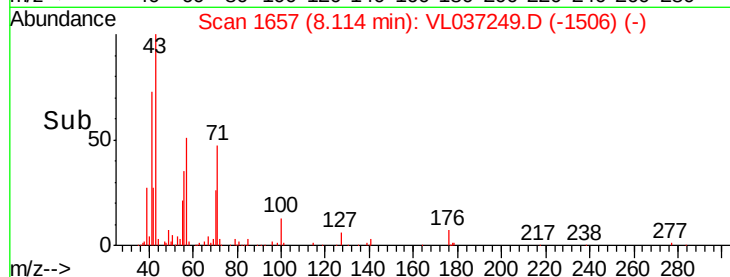
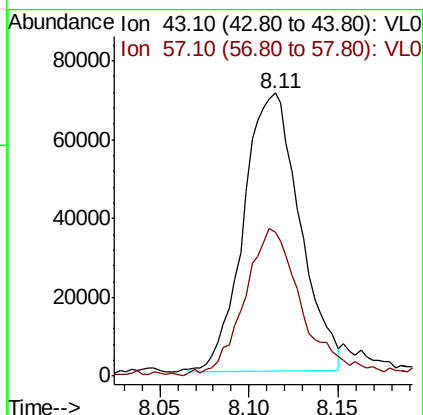
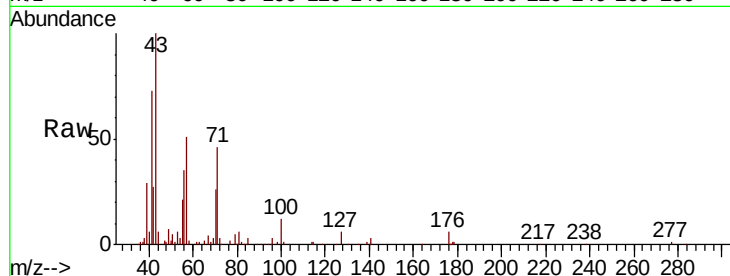
#10
Heptane
Concen: 0.592 ppbv
RT: 8.11 min Scan# 1657
Delta R.T. -0.02 min
Lab File: VL037249.D
Acq: 29 Jun 2021 15:03

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Tot Ion	43	Resp	155659
Ion Ratio	100	Lower	Upper
43	100		
57	54.8	40.6	61.0

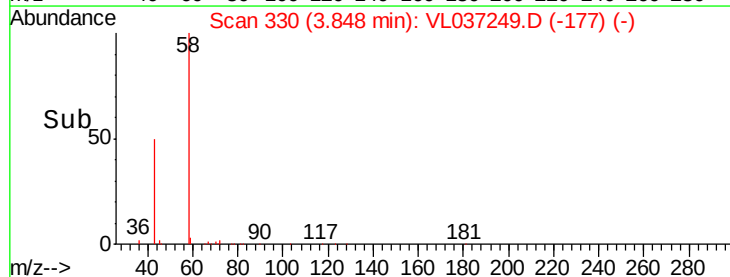
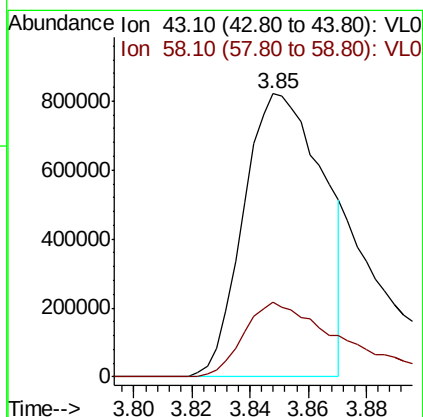
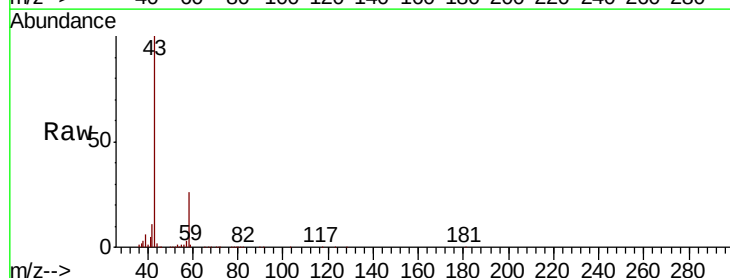
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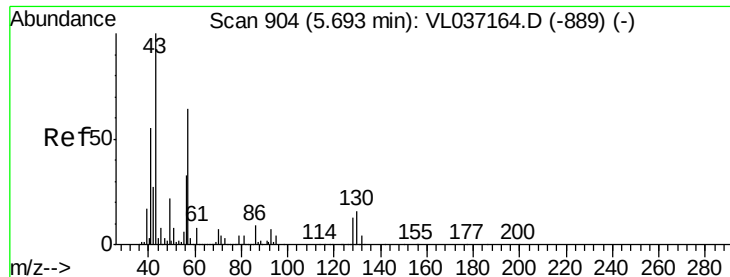
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#15
Acetone
Concen: 7.913 ppbv m
RT: 3.85 min Scan# 330
Delta R.T. -0.01 min
Lab File: VL037249.D
Acq: 29 Jun 2021 15:03

Tgt Ion	43	Resp	1559421
Ion Ratio	100	Lower	Upper
43	100		
58	37.6	23.7	35.5#





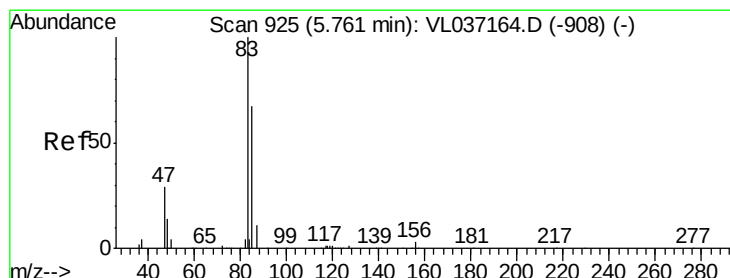
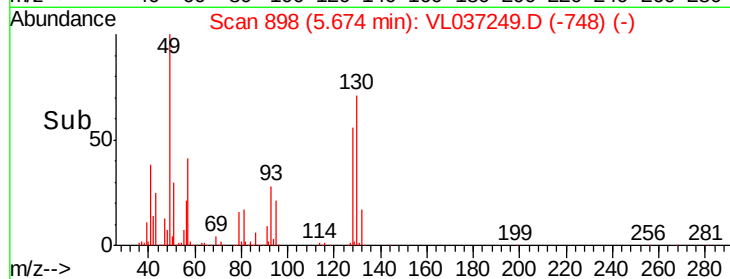
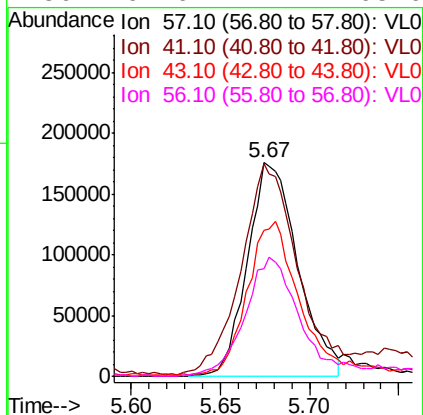
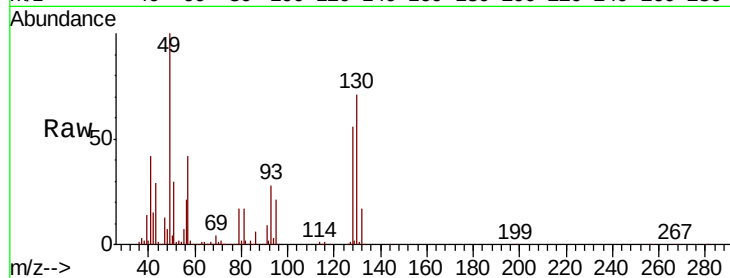
#26
Hexane
Concen: 1.611 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.02 min
Lab File: VL037249.D
Acq: 29 Jun 2021 15:03

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	112.1	73.5	110.3#
43	78.5	170.7	256.1#
56	67.6	42.4	63.6#

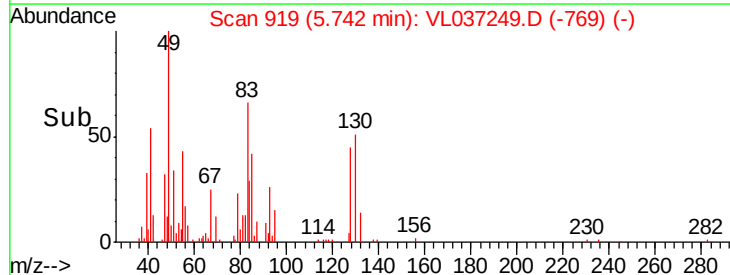
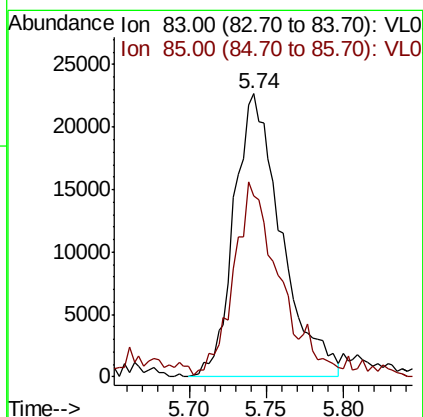
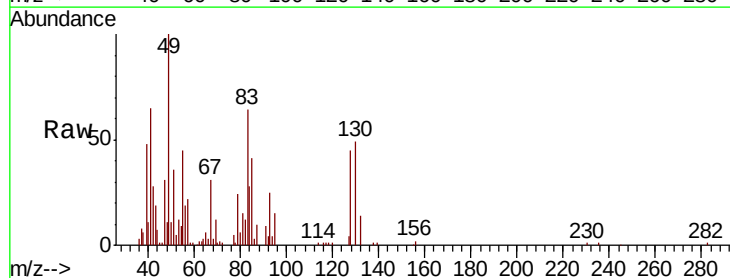
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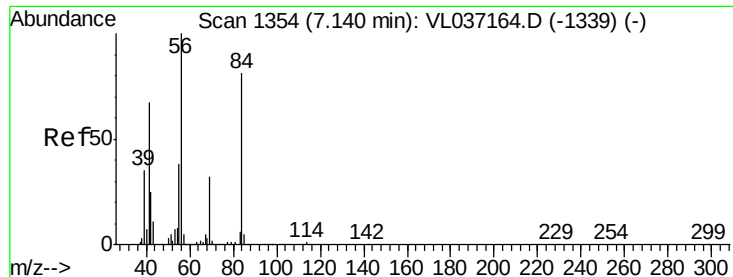
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#29
Chloroform
Concen: 0.145 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.02 min
Lab File: VL037249.D
Acq: 29 Jun 2021 15:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.4	53.6	80.4





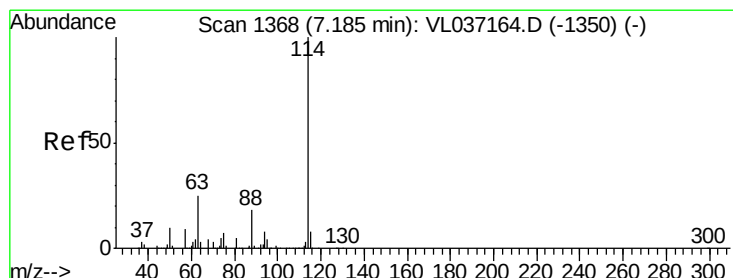
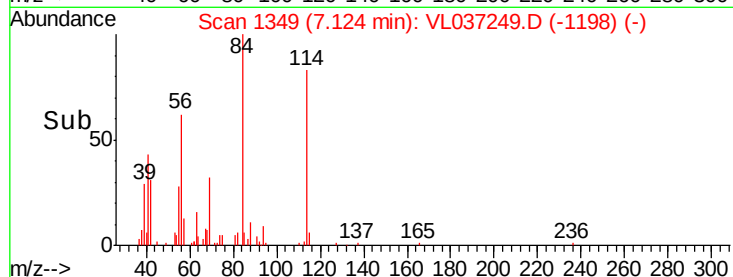
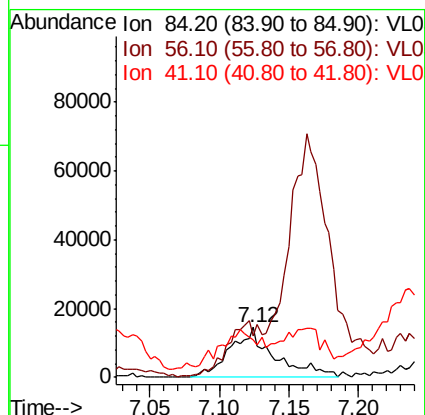
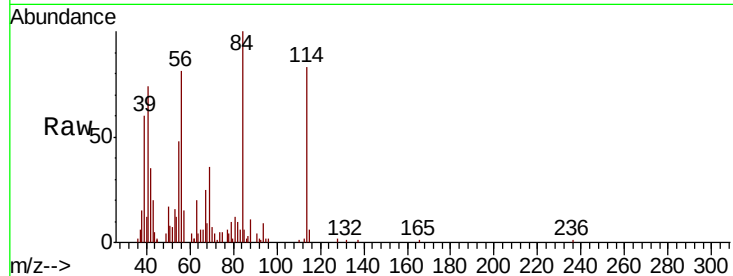
#30
Cyclohexane
Concen: 0.179 ppbv m
RT: 7.12 min Scan# 1349
Delta R.T. -0.02 min
Lab File: VL037249.D
Acq: 29 Jun 2021 15:03

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	107.7	161.5#
41	80.9	69.0	103.6

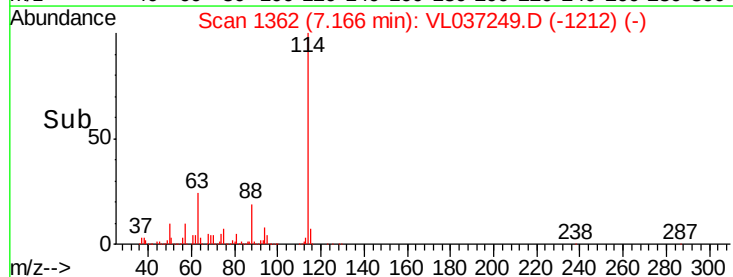
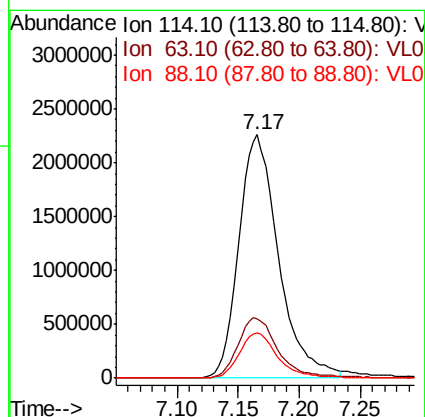
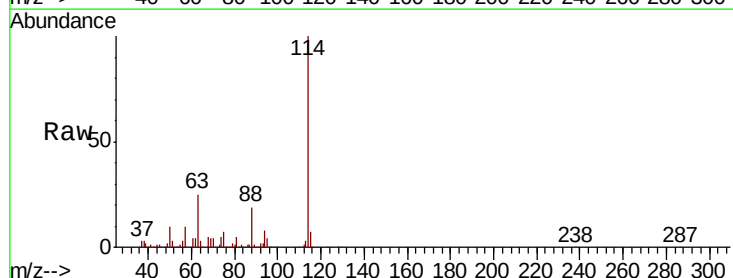
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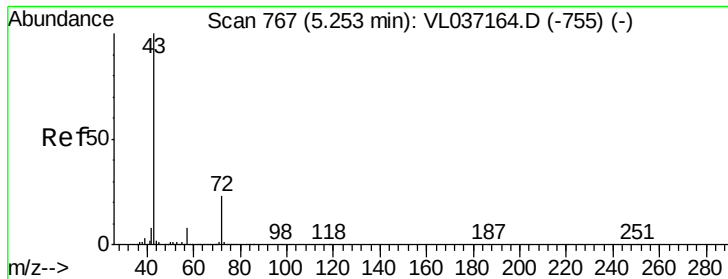
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.02 min
Lab File: VL037249.D
Acq: 29 Jun 2021 15:03

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.6	19.6	29.4
88	18.4	14.2	21.2





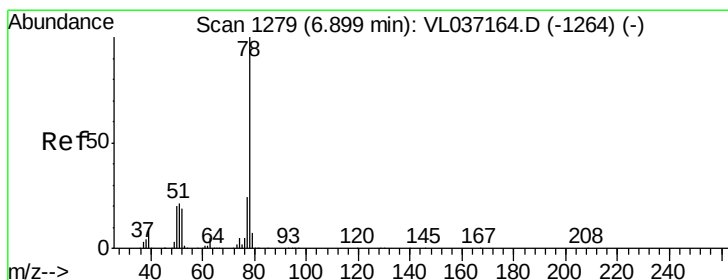
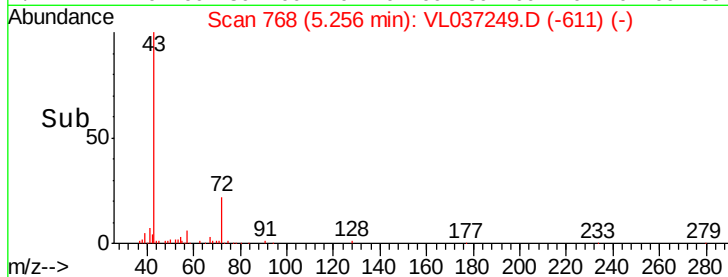
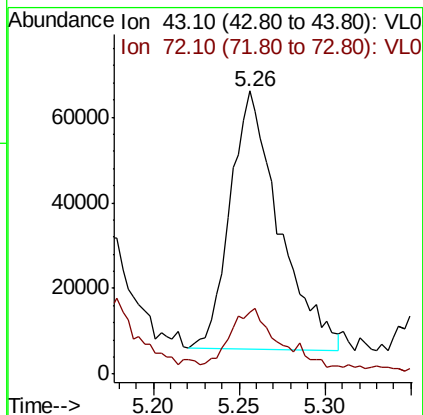
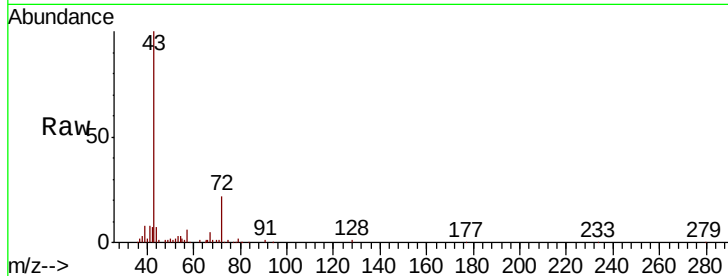
#34
2-Butanone
Concen: 0.606 ppbv
RT: 5.26 min Scan# 768
Delta R.T. 0.00 min
Lab File: VL037249.D
Acq: 29 Jun 2021 15:03

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Tot Ion: 43 Resp: 119913
Ion Ratio Lower Upper
43 100
72 30.4 18.9 28.3#

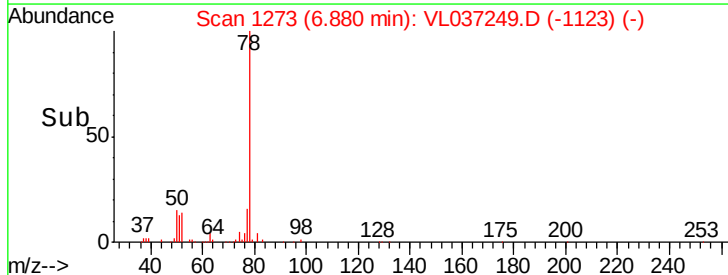
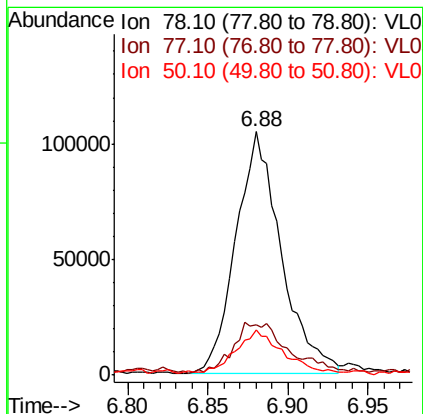
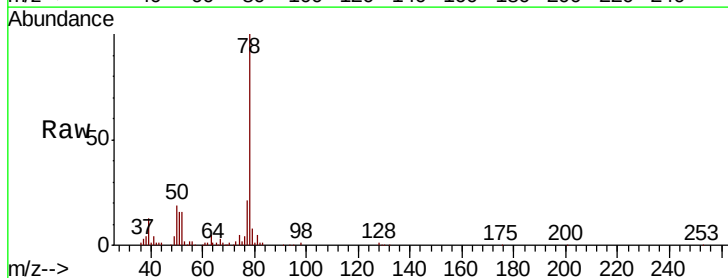
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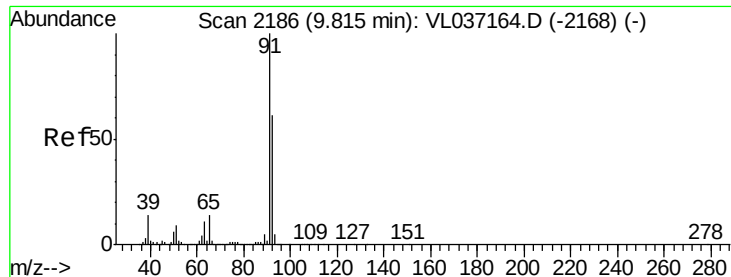
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#36
Benzene
Concen: 0.494 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.02 min
Lab File: VL037249.D
Acq: 29 Jun 2021 15:03

Tgt Ion: 78 Resp: 203302
Ion Ratio Lower Upper
78 100
77 19.9 19.0 28.6
50 17.4 15.7 23.5





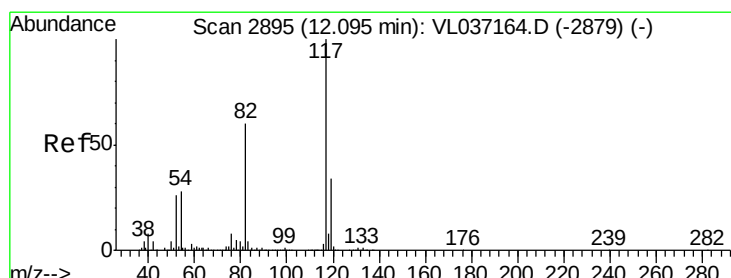
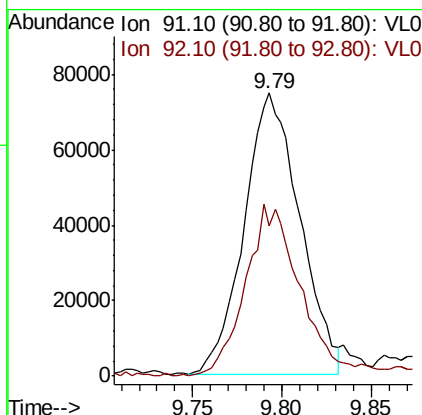
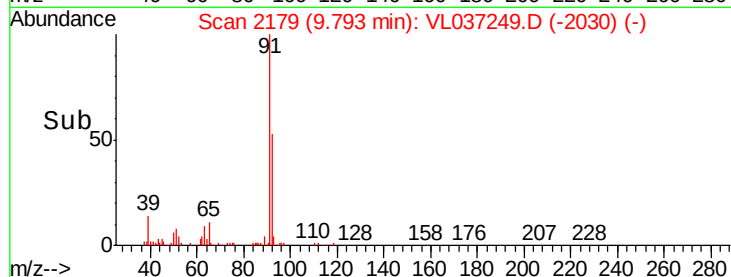
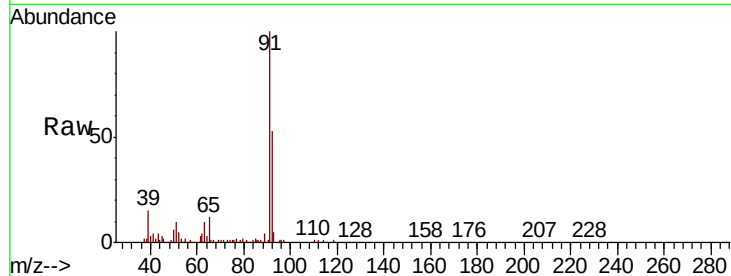
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Toluene
Concen: 0.331 ppbv
RT: 9.79 min Scan# 2179
Delta R.T. -0.02 min
Lab File: VL037249.D
Acq: 29 Jun 2021 15:03

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		162711		
92	61.2	48.3	72.5		

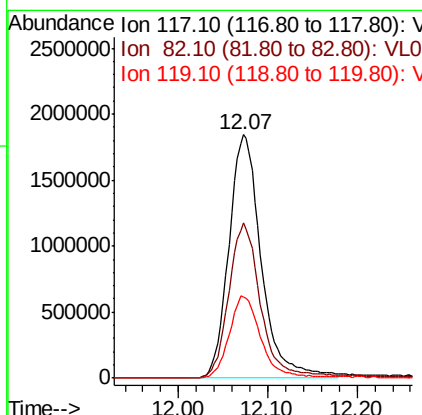
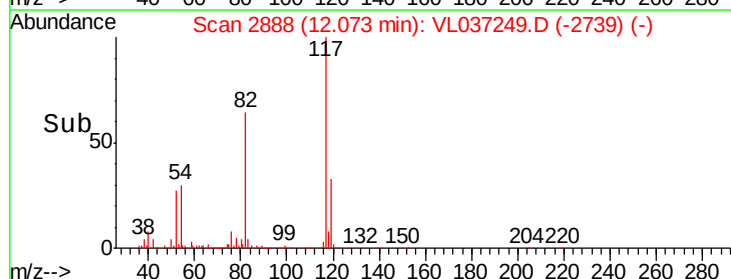
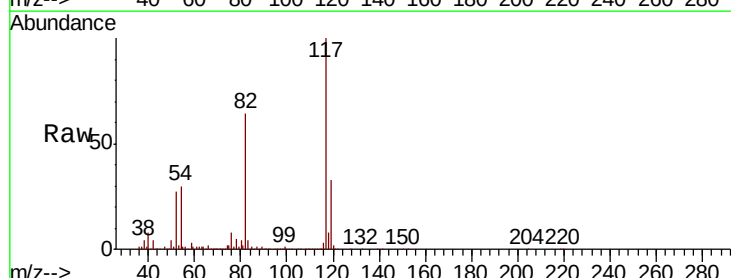
Manual Integrations
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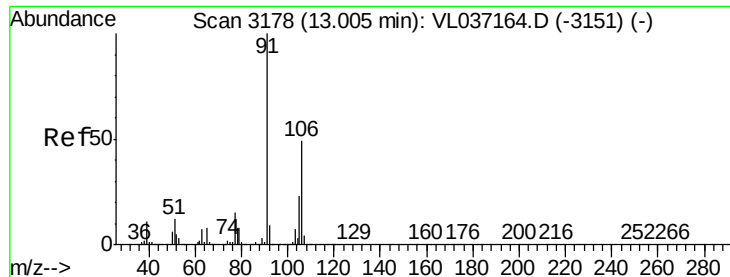
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.02 min
Lab File: VL037249.D
Acq: 29 Jun 2021 15:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		4647009		
82	65.2	51.7	77.5		
119	33.9	47.6	71.4#		





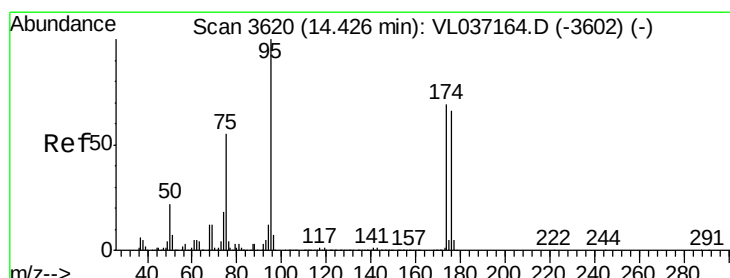
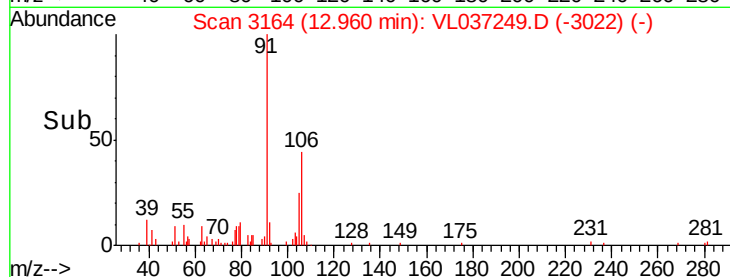
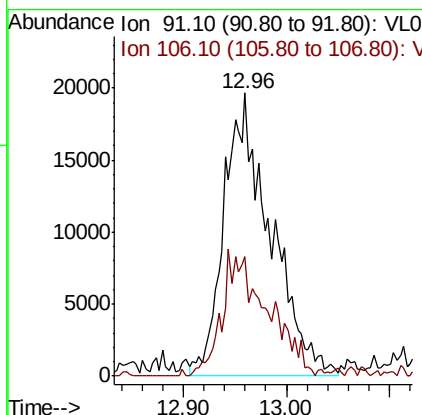
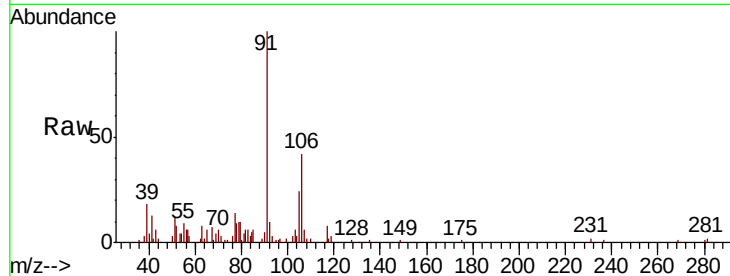
#59
m/p-Xylene
Concen: 0.114 ppbv m
RT: 12.96 min Scan# 3164
Delta R.T. -0.04 min
Lab File: VL037249.D
Acq: 29 Jun 2021 15:03

Instrument :
MSVOA_L
ClientSampled :
SV-2DL

Tot Ion: 91 Resp: 61668
Ion Ratio Lower Upper
91 100
106 0.0 37.0 55.4#

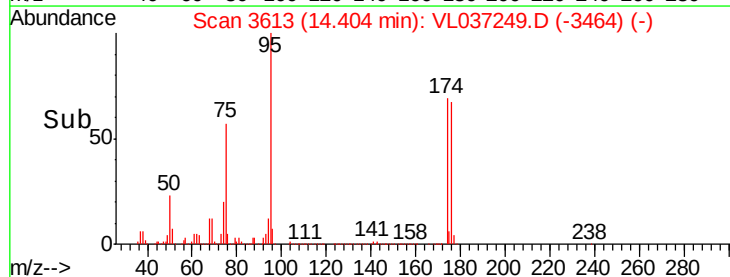
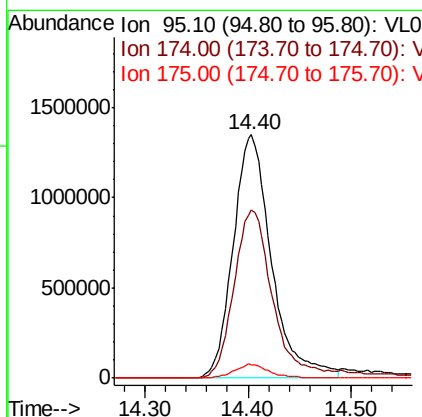
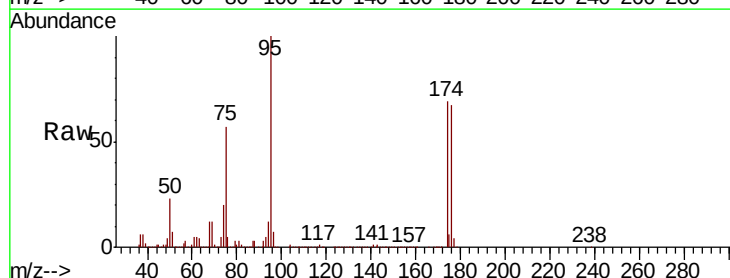
Manual Integrations
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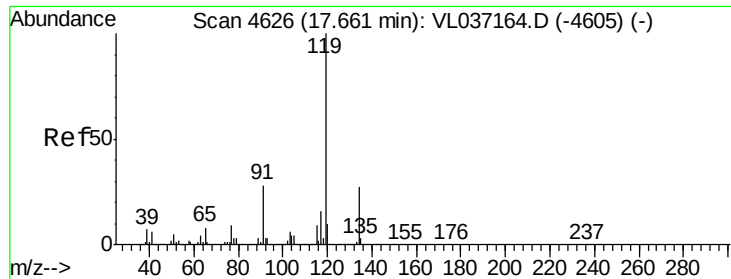
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.906 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. -0.02 min
Lab File: VL037249.D
Acq: 29 Jun 2021 15:03

Tgt Ion: 95 Resp: 3488175
Ion Ratio Lower Upper
95 100
174 74.1 57.0 85.4
175 5.6 4.4 6.6





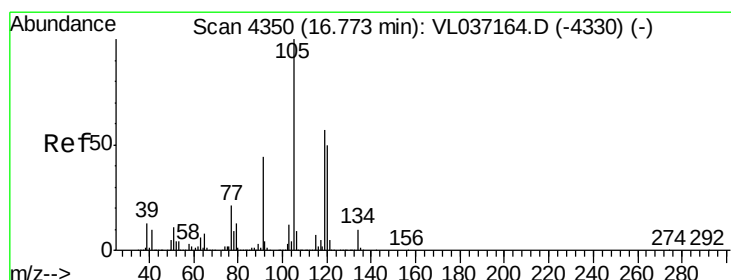
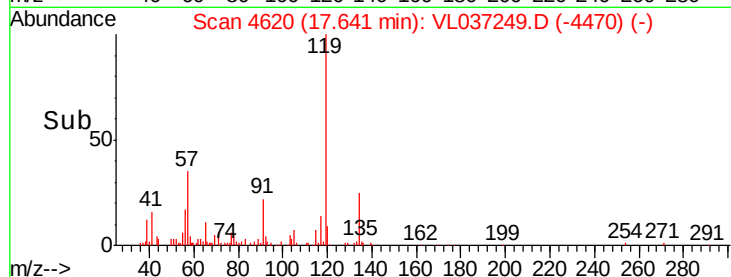
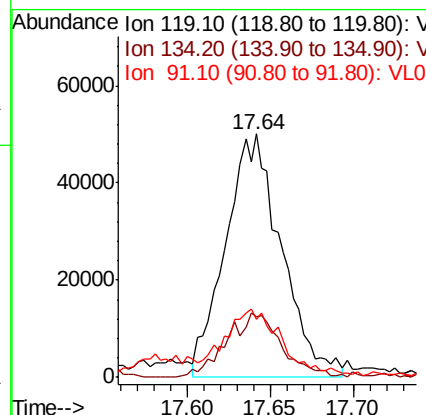
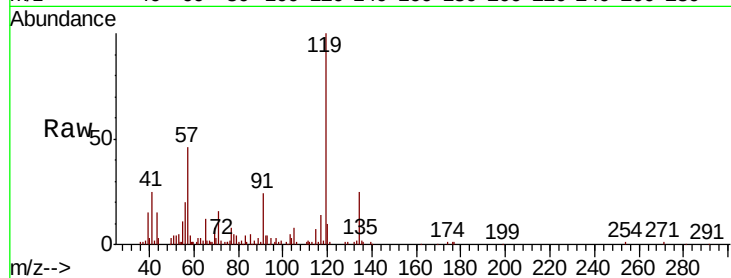
#69
 p-Isopropyltoluene
 Concen: 0.160 ppbv m
 RT: 17.64 min Scan# 4620
 Delta R.T. -0.02 min
 Lab File: VL037249.D
 Acq: 29 Jun 2021 15:03

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DL

Tot Ion	Ratio	Resp	Lower	Upper
119	100	117221		
134	0.0	20.9	31.3#	
91	0.0	22.6	34.0#	

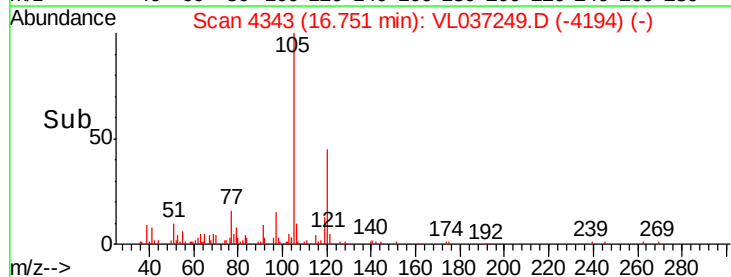
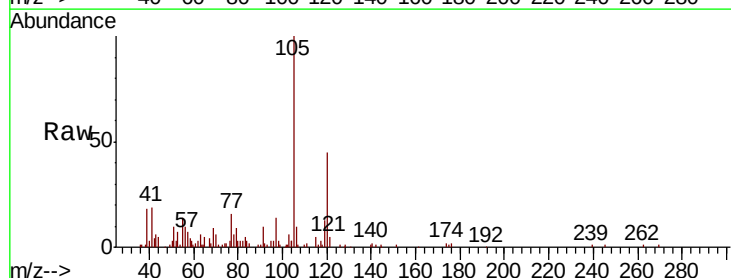
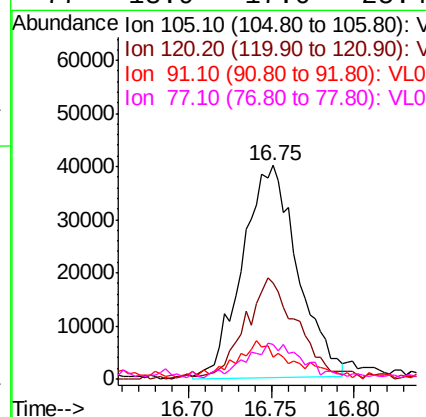
Manual Integrations
 APPROVED

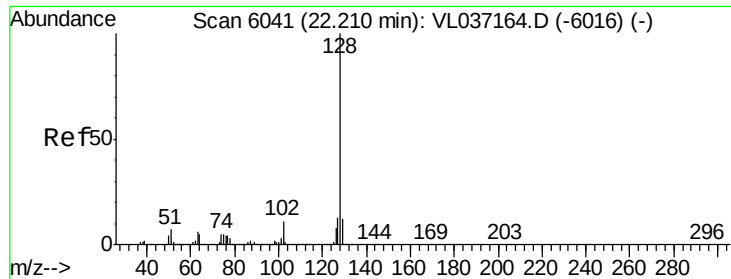
MMDadoda
 7/5/2021 3:38:12 PM



#74
 1,2,4-Trimethylbenzene
 Concen: 0.159 ppbv
 RT: 16.75 min Scan# 4343
 Delta R.T. -0.02 min
 Lab File: VL037249.D
 Acq: 29 Jun 2021 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	93061		
120	44.1	39.8	59.8	
91	8.4	37.0	55.4#	
77	13.9	17.0	25.4#	





#79

Naphthalene

Concen: 0.202 ppbv m

RT: 22.19 min Scan# 6035

Delta R.T. -0.02 min

Lab File: VL037249.D

Acq: 29 Jun 2021 15:03

Instrument :

MSVOA_L

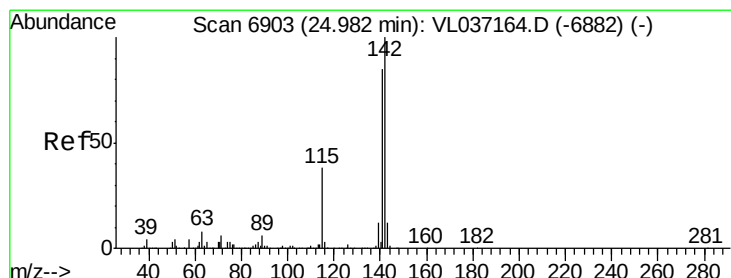
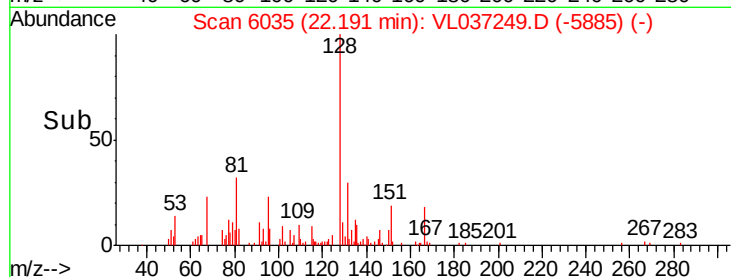
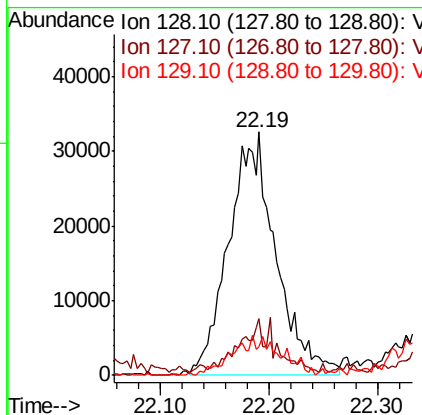
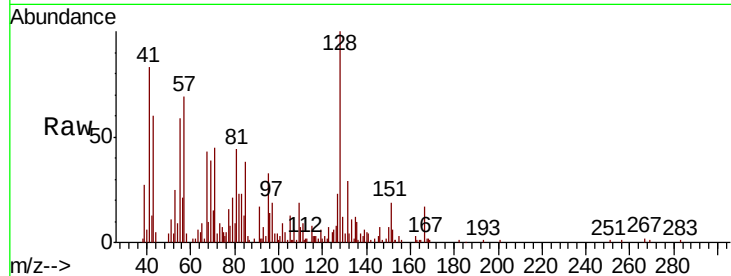
ClientSampleId :

SV-2DL

Tot Ion:	128	Resp:	98420
Ion Ratio	Lower	Upper	
128	100		
127	23.3	10.7	16.1#
129	12.0	9.3	13.9

Manual Integrations
APPROVED

MMDadoda
7/5/2021 3:38:12 PM



#80

Naphthalene, 2-methyl-

Concen: 0.779 ppbv

RT: 24.96 min Scan# 6897

Delta R.T. -0.02 min

Lab File: VL037249.D

Acq: 29 Jun 2021 15:03

Tgt Ion:	142	Resp:	99450
Ion Ratio	Lower	Upper	
142	100		
141	77.8	63.7	95.5
115	67.6	30.6	45.8#

