

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090821\
 Data File : VL037586.D
 Acq On : 9 Sep 2021 00:36
 Operator : SY/AP
 Sample : M3663-04DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL

Manual Integrations
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 9/10/2021 10:53:34 AM

Quant Time: Sep 09 09:15:41 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.677	49	1618738	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.185	114	4746123	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.095	117	4231526	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.426	95	2967991	9.873	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%
Target Compounds						
					Qvalue	
9) Propene	3.022	41	31206m	0.281	ppbv	
15) Acetone	3.864	43	612087m	3.715	ppbv	
20) Methylene Chloride	4.356	84	62031	0.752	ppbv	92
26) Hexane	5.693	57	70952m	0.347	ppbv	
38) Trichloroethene	7.848	130	14428m	0.088	ppbv	
52) Tetrachloroethene	11.230	164	26209m	0.160	ppbv	
53) Toluene	9.819	91	1034092	2.270	ppbv	100
58) Ethyl Benzene	12.725	91	3001639	5.112	ppbv	97
59) m/p-Xylene	12.979	91	8545781	16.787	ppbv	95
60) o-Xylene	13.703	91	2378651	5.006	ppbv	100
74) 1,2,4-Trimethylbenzene	16.770	105	83940m	0.150	ppbv	

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

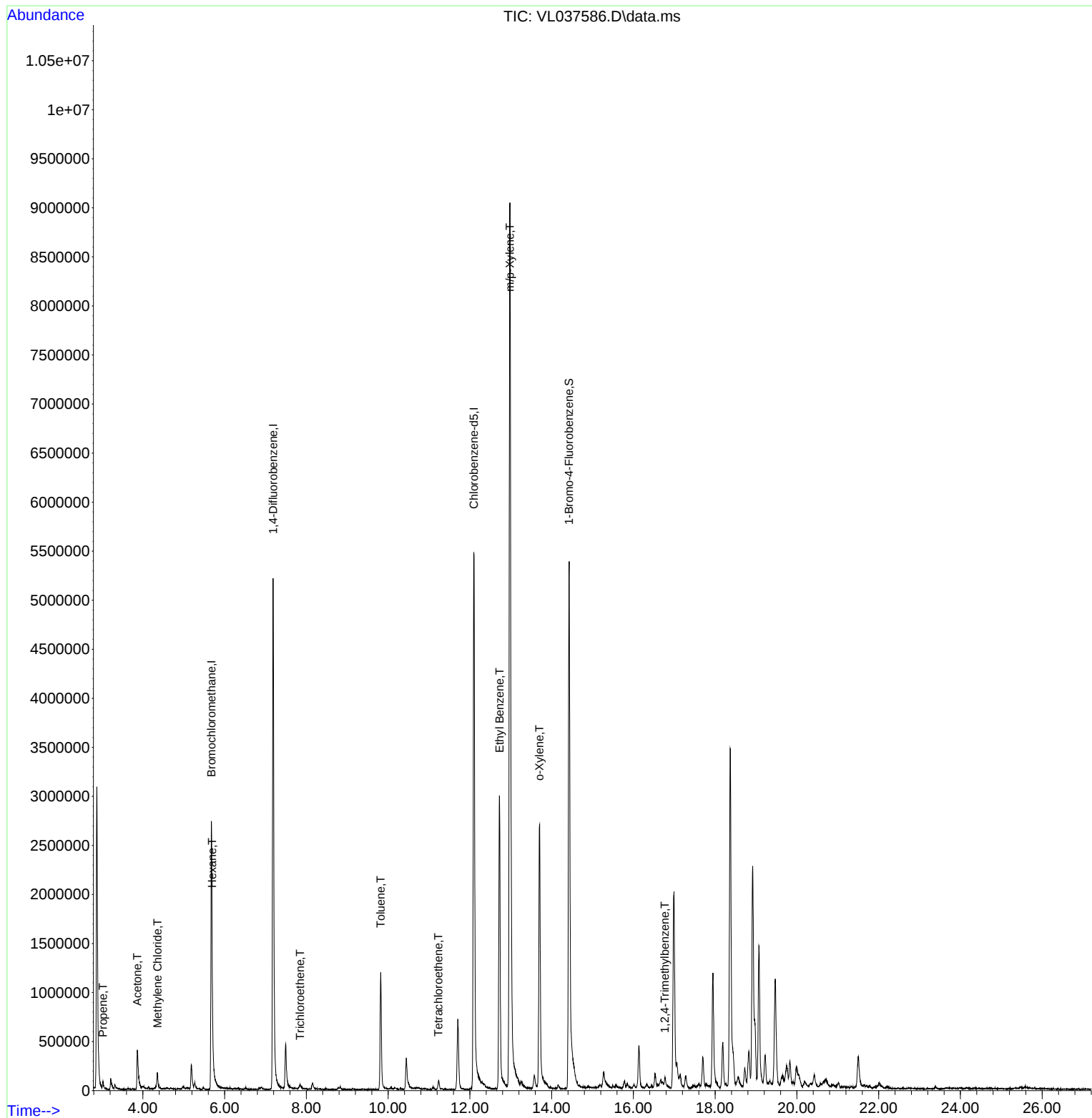
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Data File : VL037586.D
Acq On : 9 Sep 2021 00:36
Operator : SY/AP
Sample : M3663-04DL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

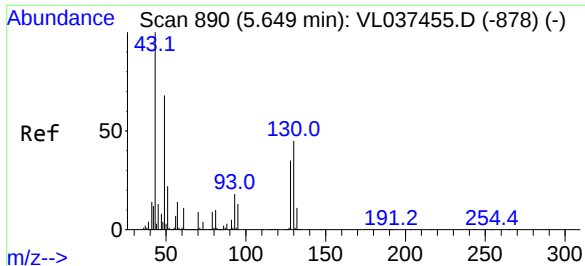
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Sep 09 09:15:41 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
QLast Update : Tue Aug 17 02:13:47 2021
Response via : Initial Calibration





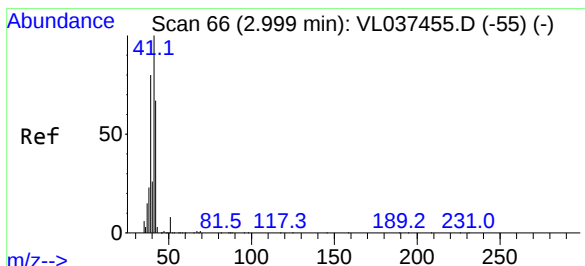
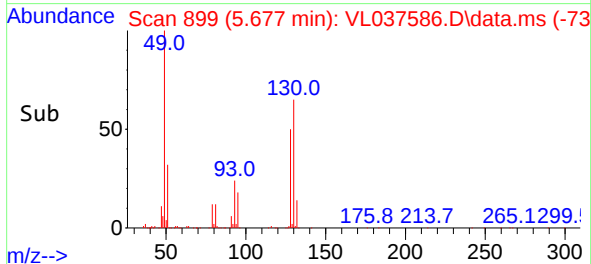
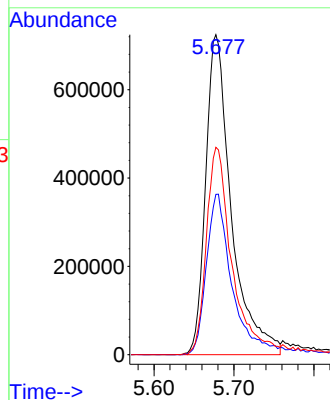
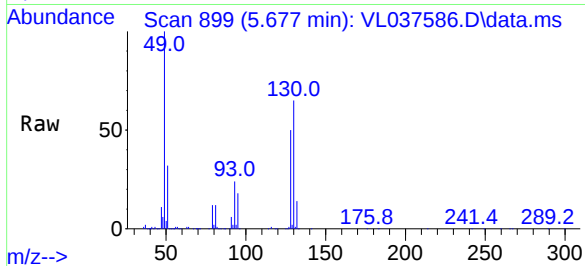
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 899
Delta R.T. 0.029 min
Lab File: VL037586.D
Acq: 9 Sep 2021 00:36

Tgt Ion: 49 Resp: 1618738
Ion Ratio Lower Upper
49 100
128 52.9 27.5 82.4
130 68.2 34.0 101.8

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

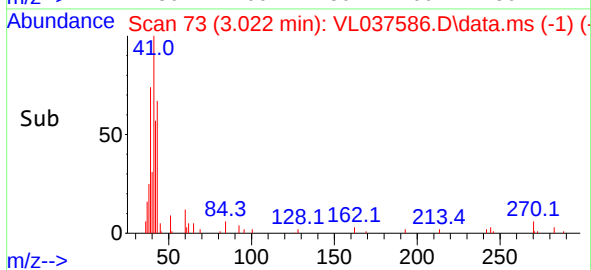
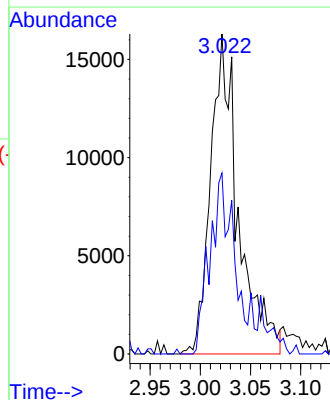
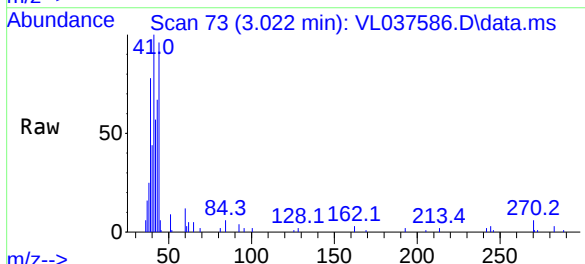
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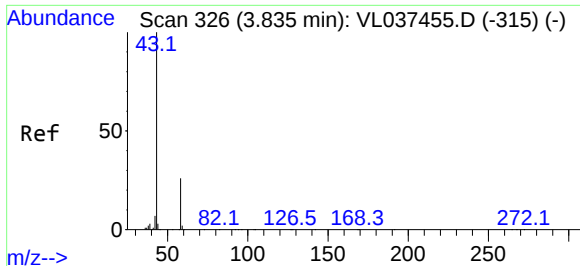
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#9
Propene
Concen: 0.281 ppbv m
RT: 3.022 min Scan# 73
Delta R.T. 0.022 min
Lab File: VL037586.D
Acq: 9 Sep 2021 00:36

Tgt Ion: 41 Resp: 31206
Ion Ratio Lower Upper
41 100
42 58.7 53.7 80.5





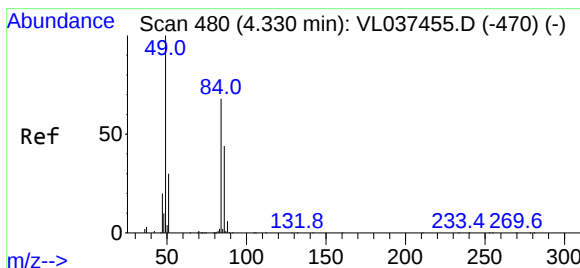
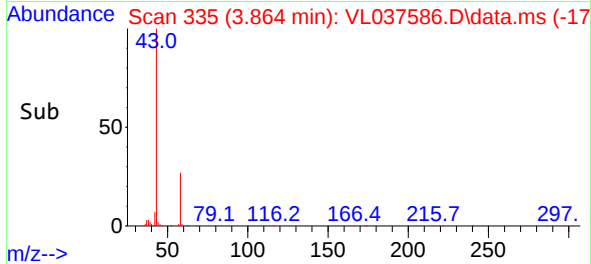
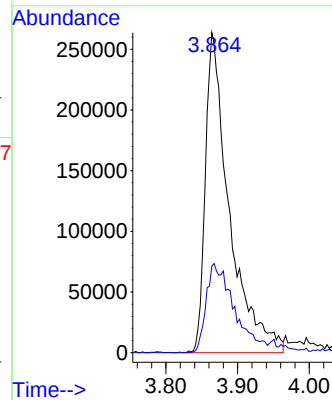
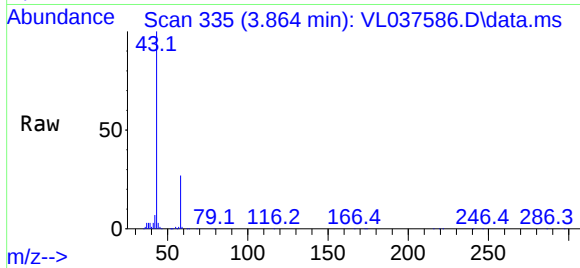
#15
Acetone
Concen: 3.715 ppbv m
RT: 3.864 min Scan# 335
Delta R.T. 0.029 min
Lab File: VL037586.D
Acq: 9 Sep 2021 00:36

Instrument :
MSVOA_L
ClientSampled :
SV-1DL

Tgt Ion: 43 Resp: 612087
Ion Ratio Lower Upper
43 100
58 32.7 24.8 37.2

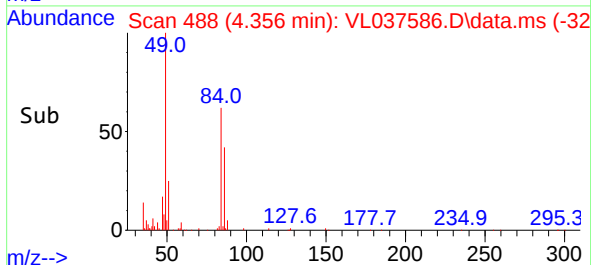
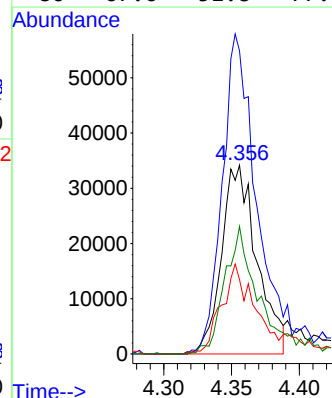
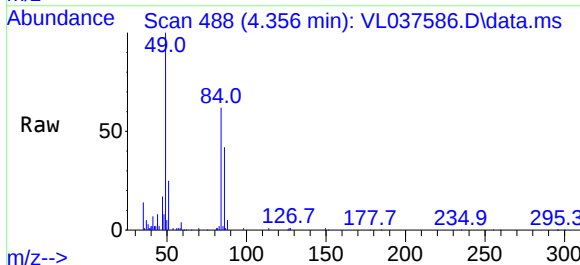
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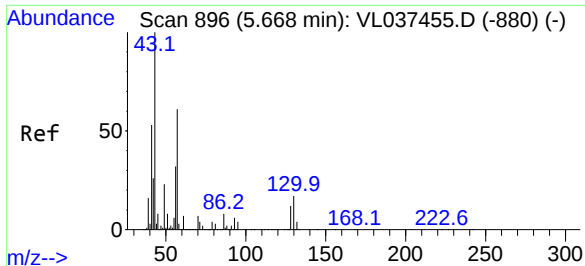
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#20
Methylene Chloride
Concen: 0.752 ppbv
RT: 4.356 min Scan# 488
Delta R.T. 0.026 min
Lab File: VL037586.D
Acq: 9 Sep 2021 00:36

Tgt Ion: 84 Resp: 62031
Ion Ratio Lower Upper
84 100
49 160.5 118.2 177.2
51 39.4 36.6 55.0
86 67.6 51.8 77.6





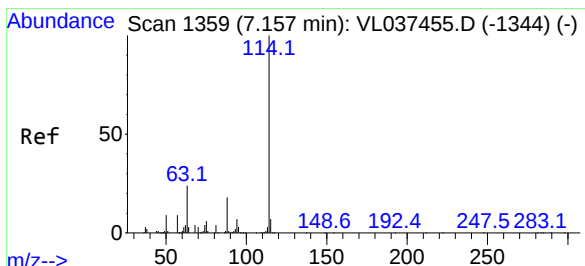
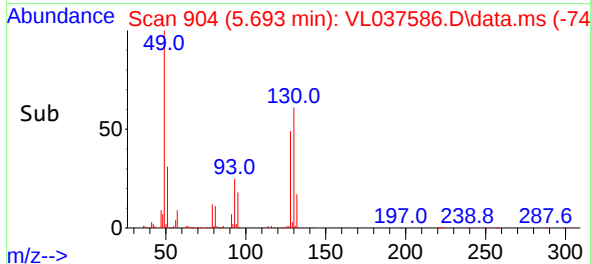
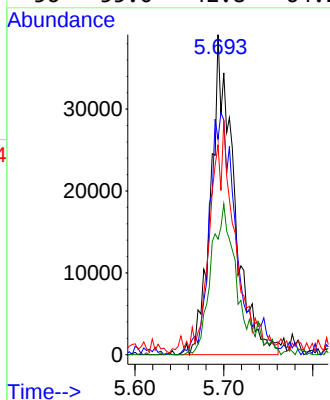
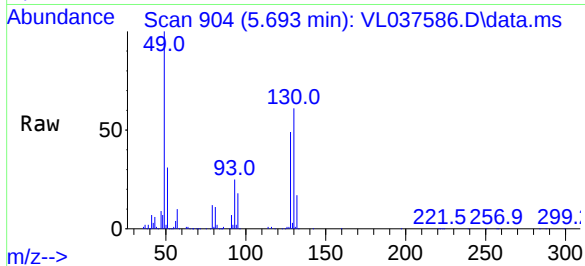
#26
Hexane
Concen: 0.347 ppbv m
RT: 5.693 min Scan# 904
Delta R.T. 0.026 min
Lab File: VL037586.D
Acq: 9 Sep 2021 00:36

Tgt Ion:	57	Resp:	70952
Ion	Ratio	Lower	Upper
57	100		
41	90.9	72.3	108.5
43	79.3	172.3	258.5#
56	55.0	42.8	64.2

Instrument :
MSVOA_L
ClientSampled :
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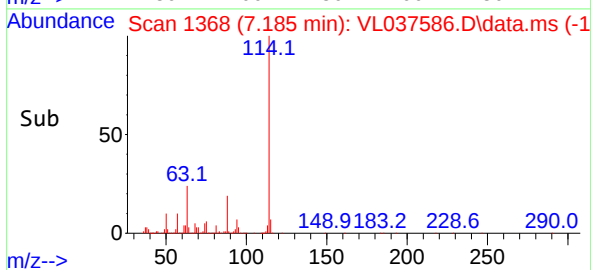
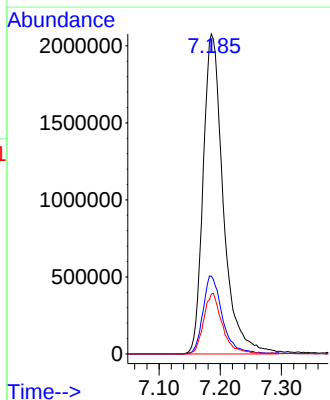
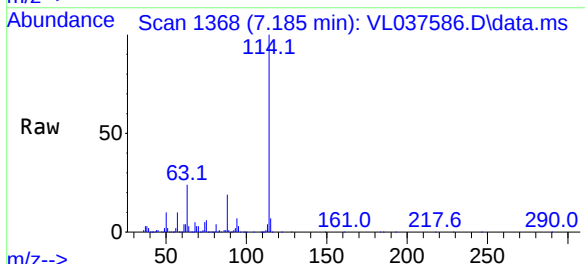
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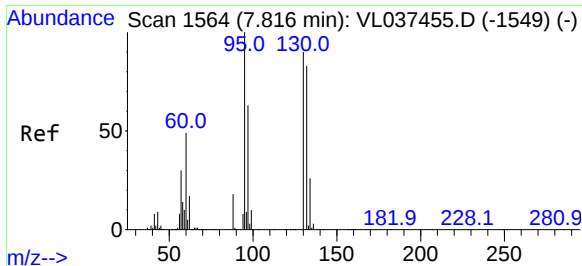
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 1368
Delta R.T. 0.029 min
Lab File: VL037586.D
Acq: 9 Sep 2021 00:36

Tgt Ion:	114	Resp:	4746123
Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.3	28.9
88	17.9	14.2	21.4





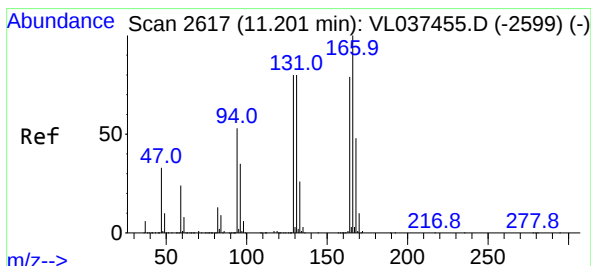
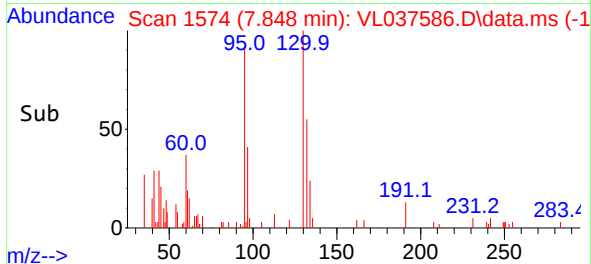
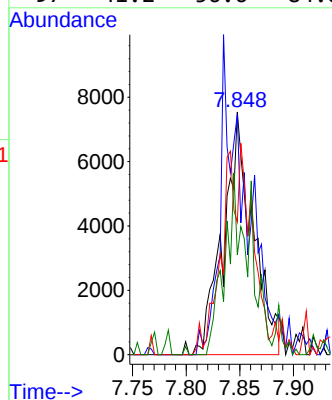
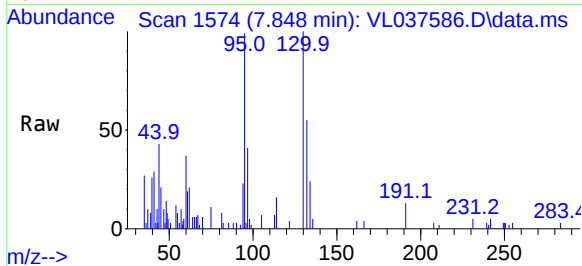
#38
Trichloroethene
Concen: 0.088 ppbv m
RT: 7.848 min Scan# 1574
Delta R.T. 0.032 min
Lab File: VL037586.D
Acq: 9 Sep 2021 00:36

Instrument :
MSVOA_L
ClientSampled :
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Tgt Ion:	130	Resp:	14428
Ion	Ratio	Lower	Upper
130	100		
95	98.9	89.2	133.8
132	54.6	74.0	111.0#
97	41.2	56.6	84.8#

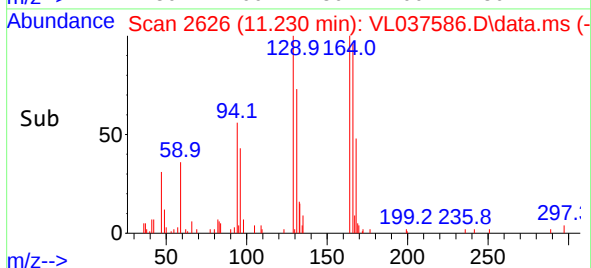
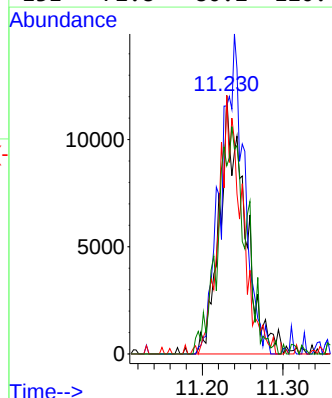
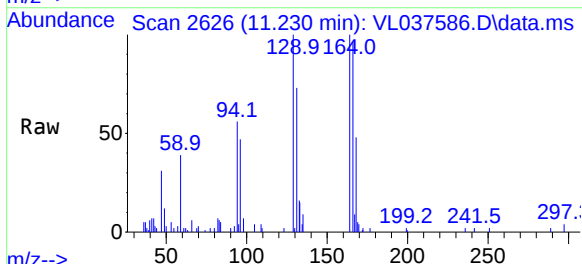
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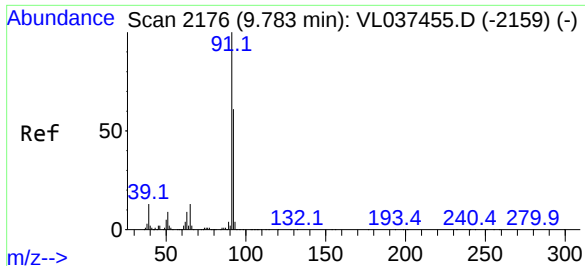
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#52
Tetrachloroethene
Concen: 0.160 ppbv m
RT: 11.230 min Scan# 2626
Delta R.T. 0.029 min
Lab File: VL037586.D
Acq: 9 Sep 2021 00:36

Tgt Ion:	164	Resp:	26209
Ion	Ratio	Lower	Upper
164	100		
166	96.0	100.7	151.1#
129	100.1	80.9	121.3
131	72.8	80.2	120.4#





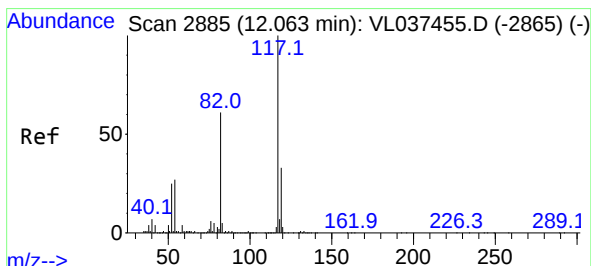
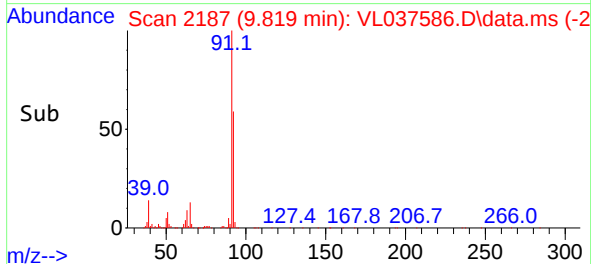
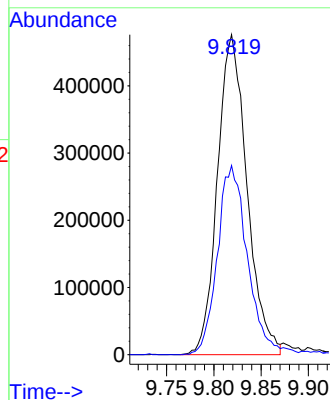
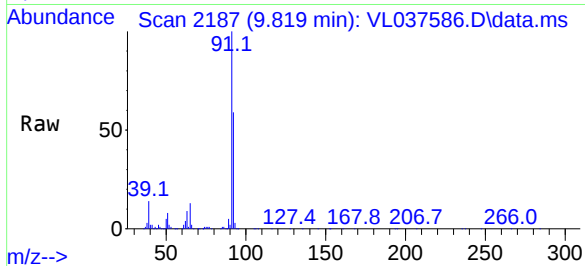
#53
Toluene
Concen: 2.270 ppbv
RT: 9.819 min Scan# 2187
Delta R.T. 0.035 min
Lab File: VL037586.D
Acq: 9 Sep 2021 00:36

Tgt Ion: 91 Resp: 1034092
Ion Ratio Lower Upper
91 100
92 61.1 48.8 73.2

Instrument :
MSVOA_L
ClientSampled :
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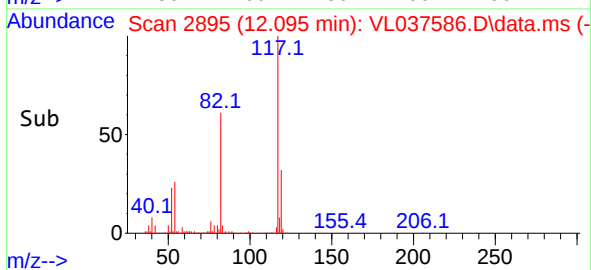
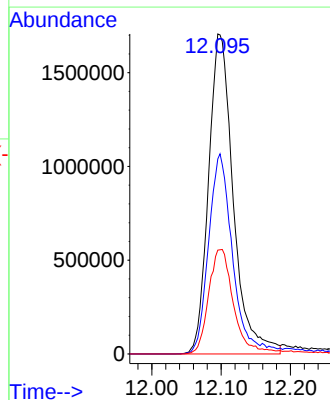
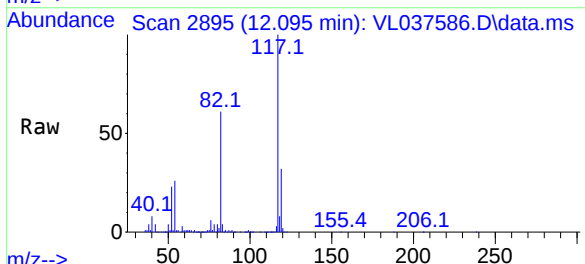
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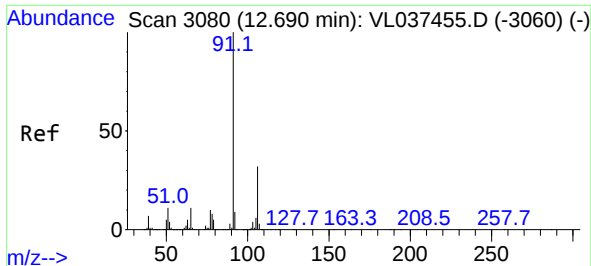
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.095 min Scan# 2895
Delta R.T. 0.032 min
Lab File: VL037586.D
Acq: 9 Sep 2021 00:36

Tgt Ion: 117 Resp: 4231526
Ion Ratio Lower Upper
117 100
82 63.1 52.9 79.3
119 34.1 24.8 37.2





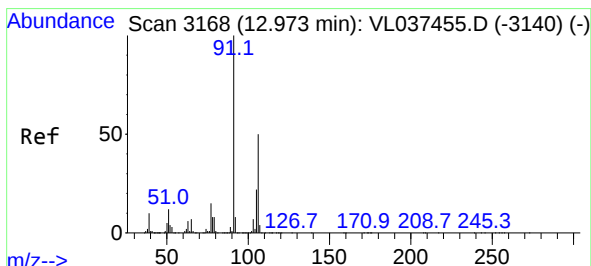
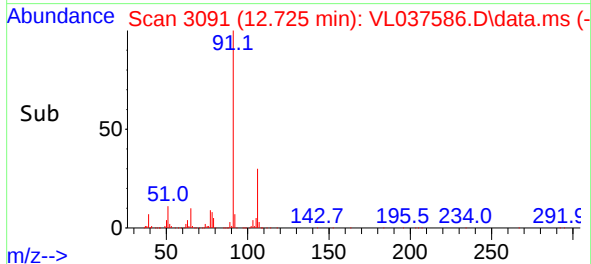
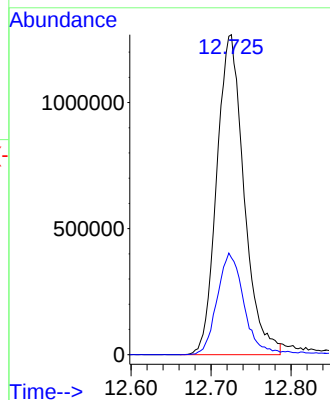
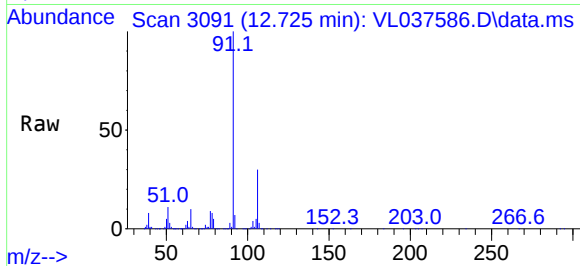
#58
Ethyl Benzene
Concen: 5.112 ppbv
RT: 12.725 min Scan# 3091
Delta R.T. 0.035 min
Lab File: VL037586.D
Acq: 9 Sep 2021 00:36

Tgt Ion: 91 Resp: 3001639
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5

Instrument :
MSVOA_L
ClientSampled :
SV-1DL

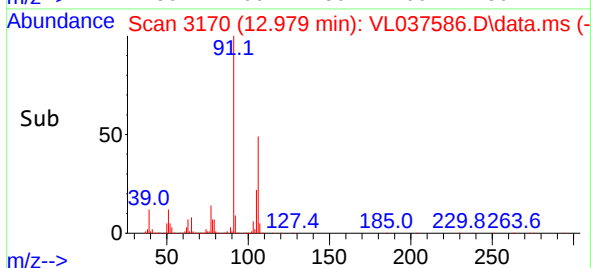
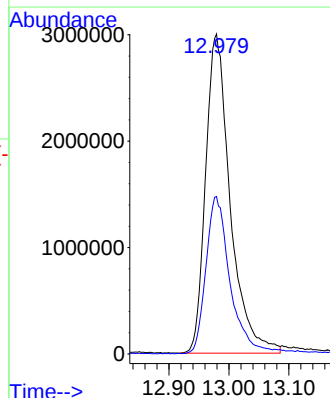
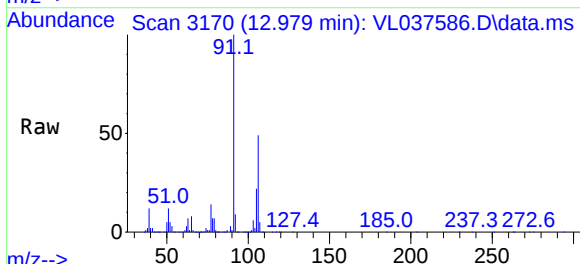
Manual Integrations
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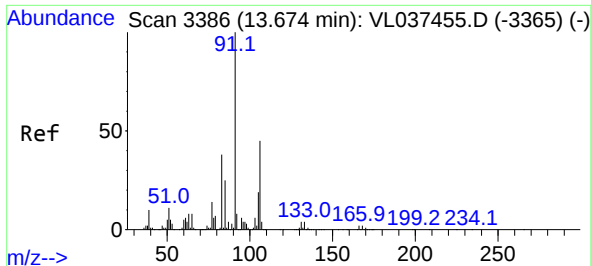
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#59
m/p-Xylene
Concen: 16.787 ppbv
RT: 12.979 min Scan# 3170
Delta R.T. 0.006 min
Lab File: VL037586.D
Acq: 9 Sep 2021 00:36

Tgt Ion: 91 Resp: 8545781
Ion Ratio Lower Upper
91 100
106 49.1 36.9 55.3





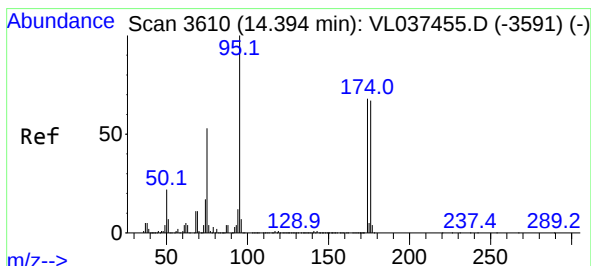
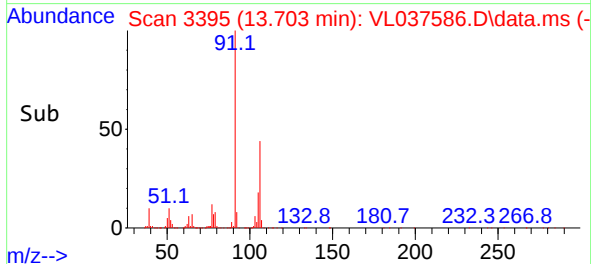
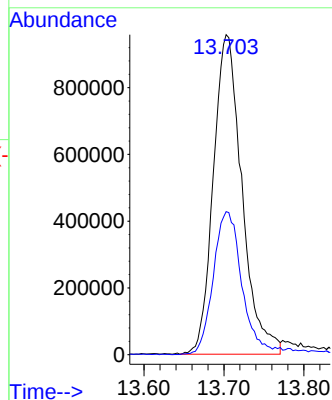
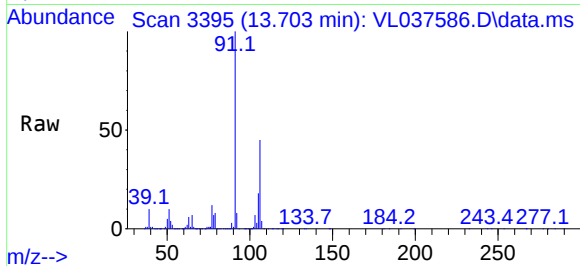
#60
o-Xylene
Concen: 5.006 ppbv
RT: 13.703 min Scan# 3395
Delta R.T. 0.029 min
Lab File: VL037586.D
Acq: 9 Sep 2021 00:36

Instrument :
MSVOA_L
ClientSampled :
SV-1DL

Tgt Ion: 91 Resp: 2378651
Ion Ratio Lower Upper
91 100
106 47.5 23.7 71.1

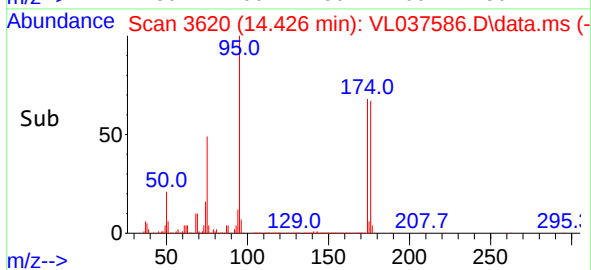
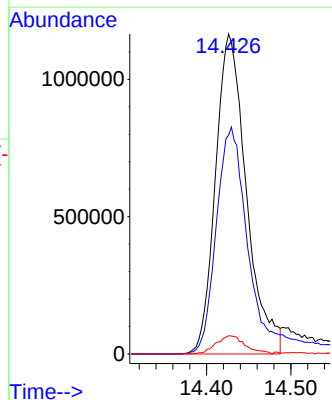
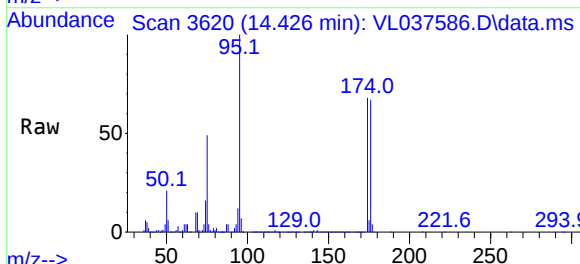
Manual Integrations
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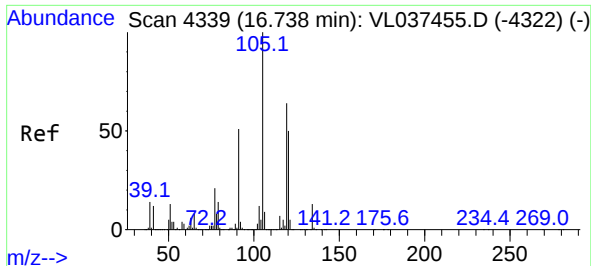
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.873 ppbv
RT: 14.426 min Scan# 3620
Delta R.T. 0.032 min
Lab File: VL037586.D
Acq: 9 Sep 2021 00:36

Tgt Ion: 95 Resp: 2967991
Ion Ratio Lower Upper
95 100
174 79.3 59.6 89.4
175 5.8 4.6 7.0





#74
 1,2,4-Trimethylbenzene
 Concen: 0.150 ppbv m
 RT: 16.770 min Scan# 4349
 Delta R.T. 0.032 min
 Lab File: VL037586.D
 Acq: 9 Sep 2021 00:36

Tgt Ion:	105	Resp:	83940
Ion	Ratio	Lower	Upper
105	100		
120	33.5	40.4	60.6#
91	9.6	44.6	67.0#
77	14.6	17.8	26.6#

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:53:34 AM

