

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040721\
 Data File : VL036734.D
 Acq On : 7 Apr 2021 20:02
 Operator : SY/AP
 Sample : M1929-03DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 FS-SV-03-XDL

Manual Integrations
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 4/12/2021 11:16:08 AM

Quant Time: Apr 08 03:47:49 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Apr 08 03:47:49 2021
 QLast Update : Thu Apr 08 01:58:43 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1254310	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3265165	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2694152	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2131874	9.93	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	15796m	0.211	ppbv	
13) Ethanol	3.62	45	12960m	1.457	ppbv	
15) Acetone	3.85	43	163257m	1.322	ppbv	
20) Methylene Chloride	4.34	84	22287m	0.386	ppbv	
26) Hexane	5.68	57	16287m	0.120	ppbv	
34) 2-Butanone	5.26	43	28455m	0.179	ppbv	
52) Tetrachloroethene	11.23	164	58589m	0.528	ppbv	
53) Toluene	9.81	91	46918m	0.146	ppbv	

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

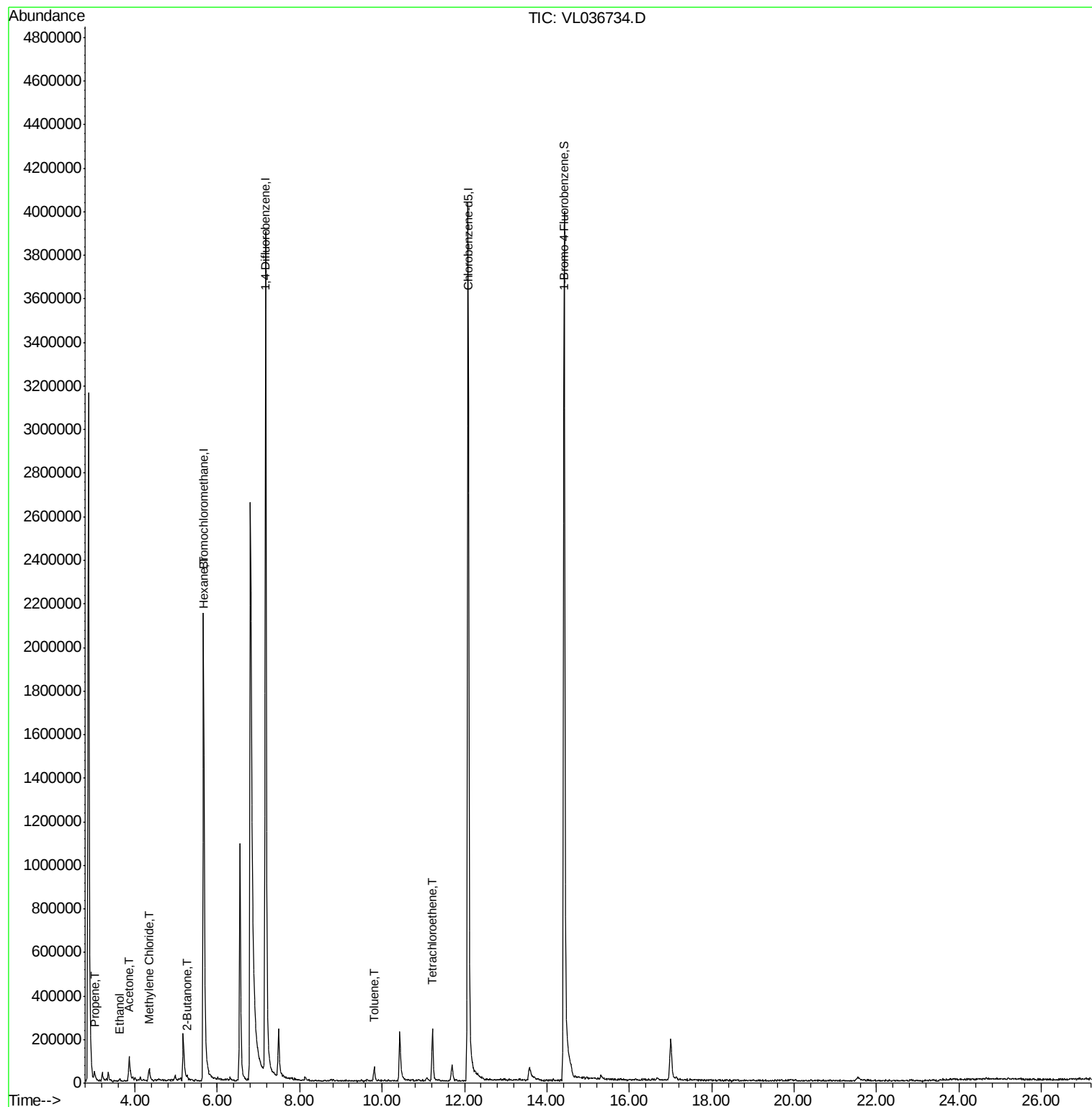
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040721\
Data File : VL036734.D
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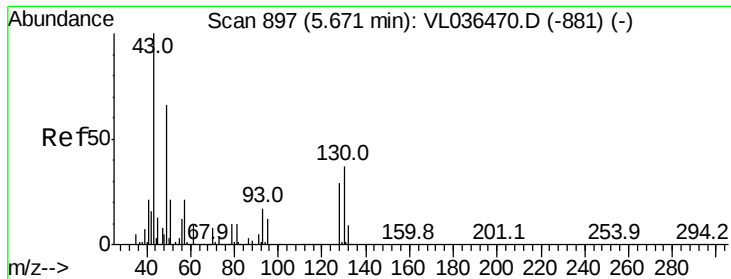
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
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QLast Update : Thu Apr 08 01:58:43 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.01 min

Lab File: VL036734.D

Acq: 7 Apr 2021 20:02

Instrument :

MSVOA_L

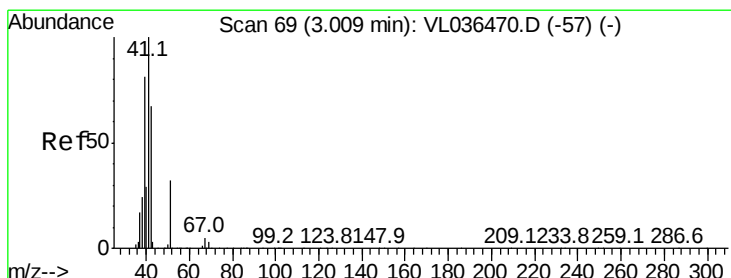
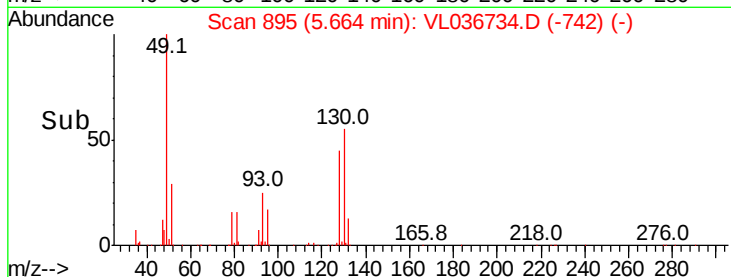
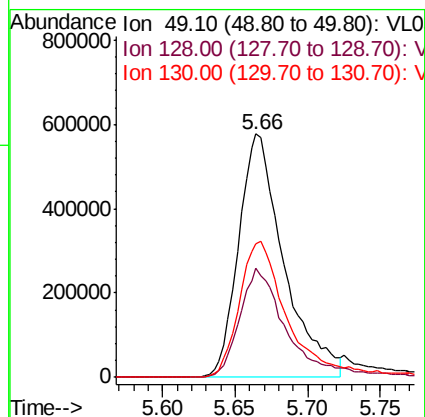
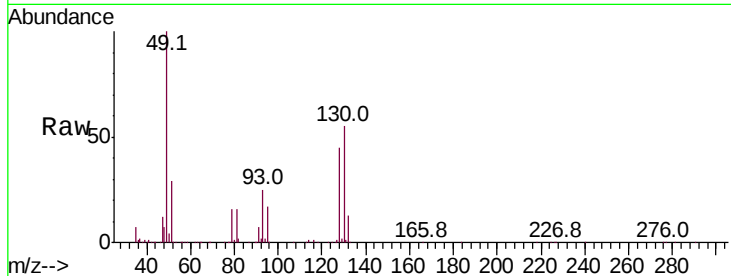
ClientSampleId :

FS-SV-03-XDL

Tot Ion:	49	Resp:	1254310
Ion	Ratio	Lower	Upper
49	100		
128	48.0	23.5	70.6
130	62.7	29.1	87.4

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#9

Propene

Concen: 0.211 ppbv m

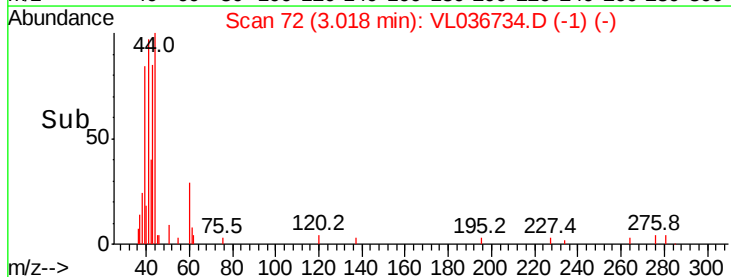
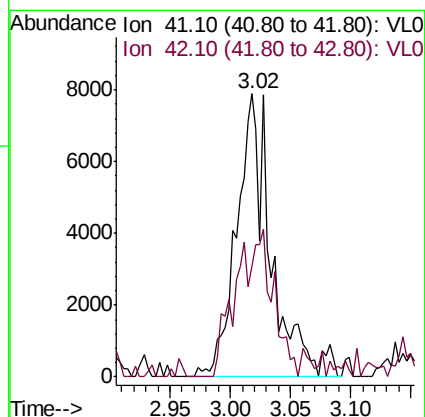
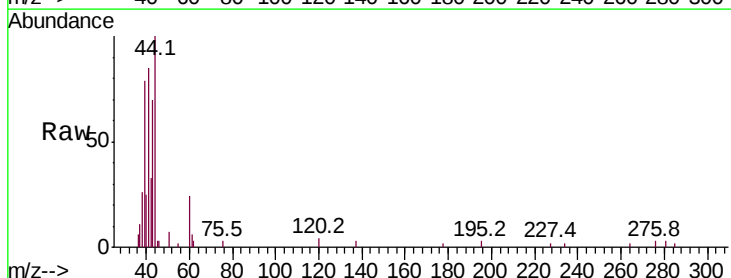
RT: 3.02 min Scan# 72

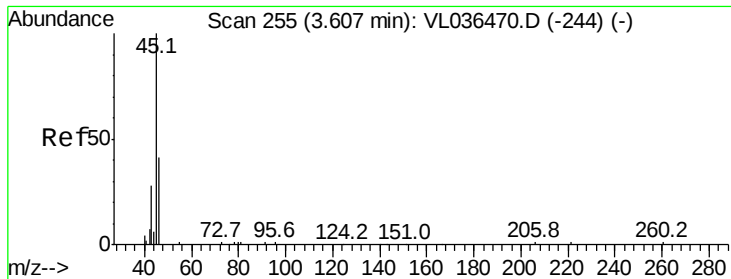
Delta R.T. 0.01 min

Lab File: VL036734.D

Acq: 7 Apr 2021 20:02

Tgt Ion:	41	Resp:	15796
Ion	Ratio	Lower	Upper
41	100		
42	44.5	57.0	85.4#





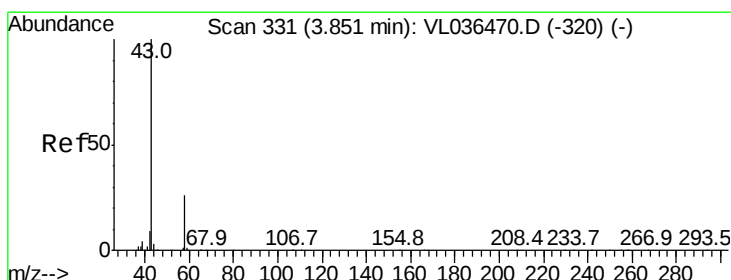
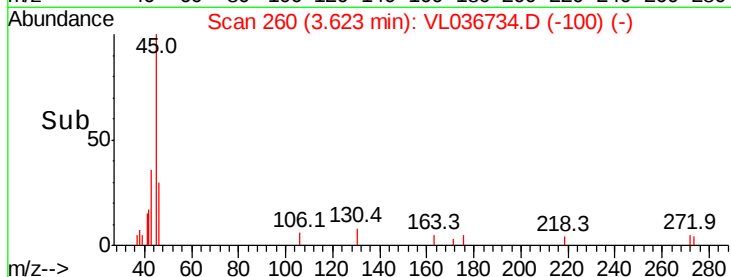
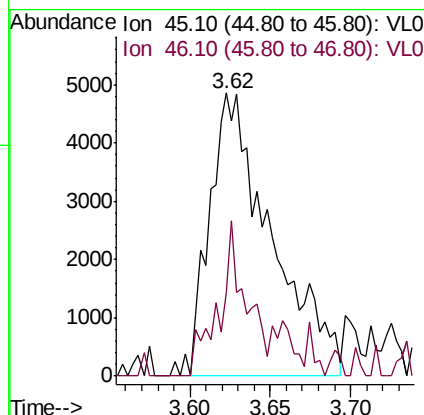
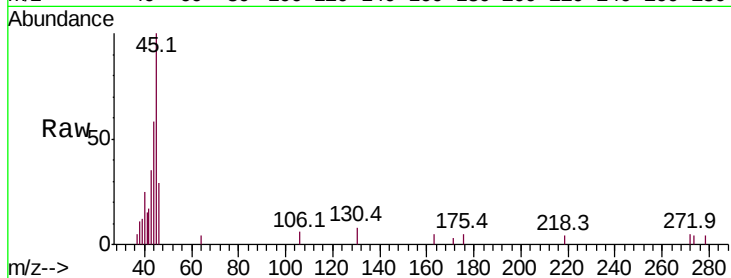
#13
Ethanol
Concen: 1.457 ppbv m
RT: 3.62 min Scan# 260
Delta R.T. 0.02 min
Lab File: VL036734.D
Acq: 7 Apr 2021 20:02

Instrument :
MSVOA_L
ClientSampleId :
FS-SV-03-XDL

Tot Ion: 45 Resp: 12960
Ion Ratio Lower Upper
45 100
46 0.0 16.6 66.2#

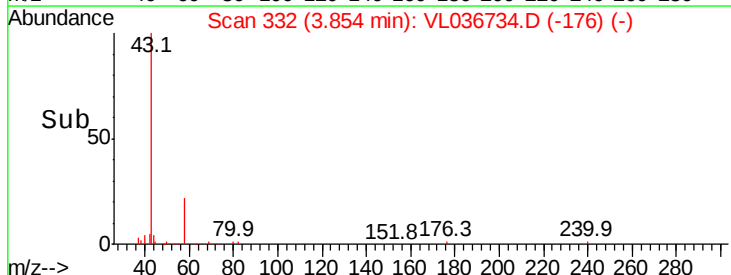
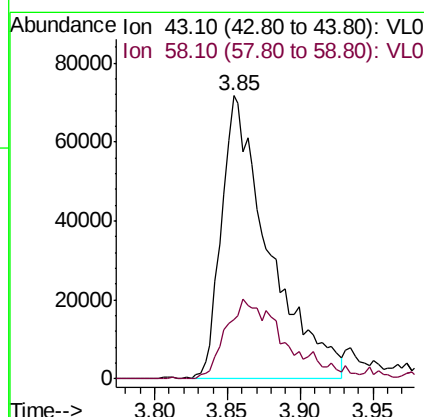
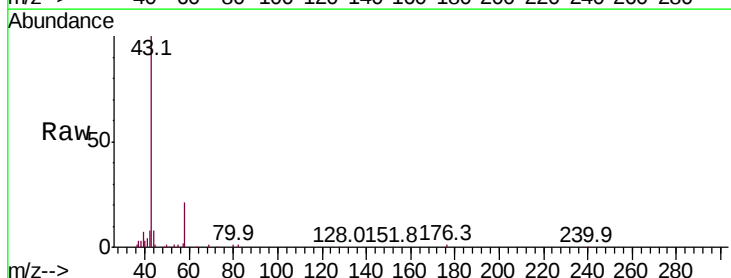
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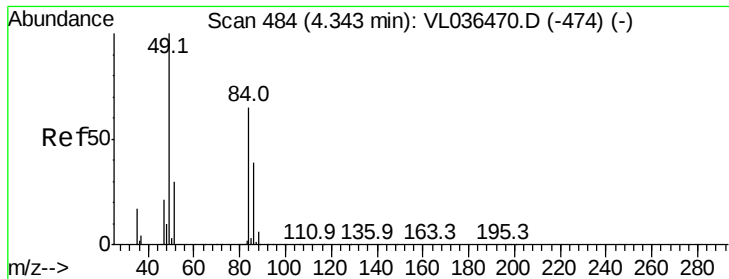
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#15
Acetone
Concen: 1.322 ppbv m
RT: 3.85 min Scan# 332
Delta R.T. 0.00 min
Lab File: VL036734.D
Acq: 7 Apr 2021 20:02

Tgt Ion: 43 Resp: 163257
Ion Ratio Lower Upper
43 100
58 36.4 21.2 31.8#





#20

Methvlene Chloride

Concen: 0.386 ppbv m

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL036734.D

Acq: 7 Apr 2021 20:02

Instrument :

MSVOA_L

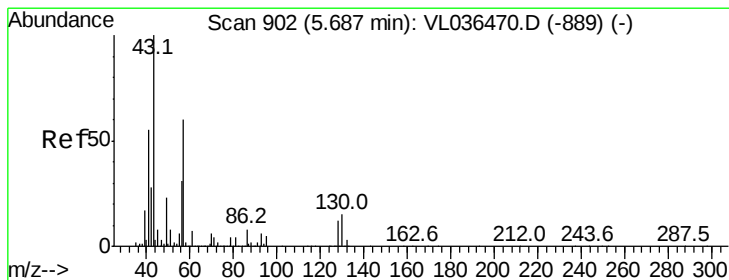
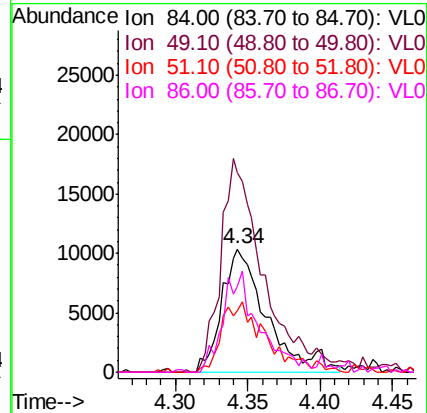
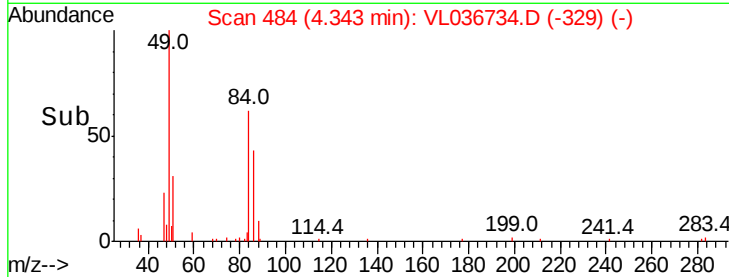
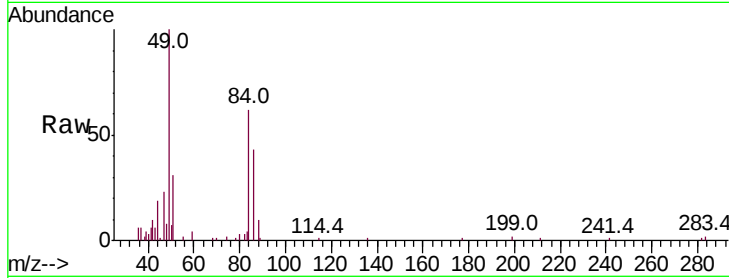
ClientSampleId :

FS-SV-03-XDL

Tot Ion	84	Resp	22287
Ion	Ratio	Lower	Upper
84	100		
49	162.5	122.9	184.3
51	50.2	36.9	55.3
86	69.4	48.2	72.4

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#26

Hexane

Concen: 0.120 ppbv m

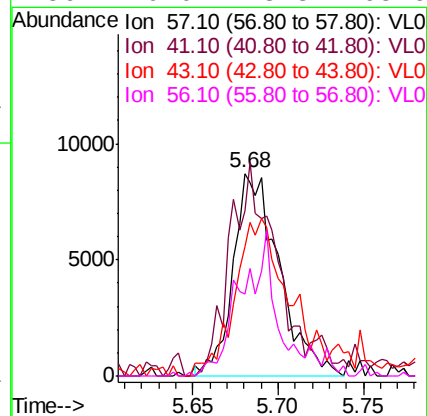
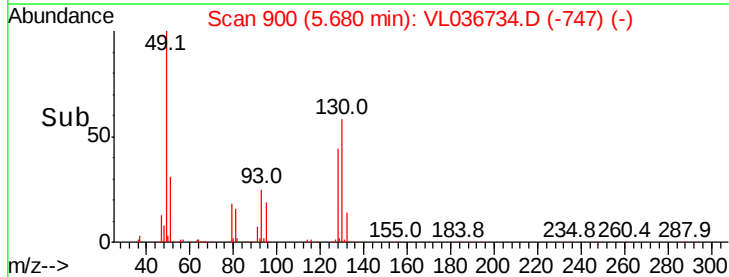
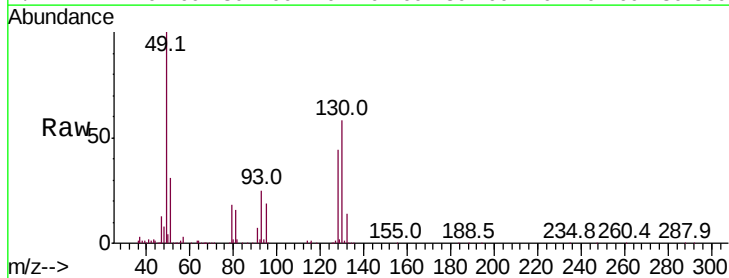
RT: 5.68 min Scan# 900

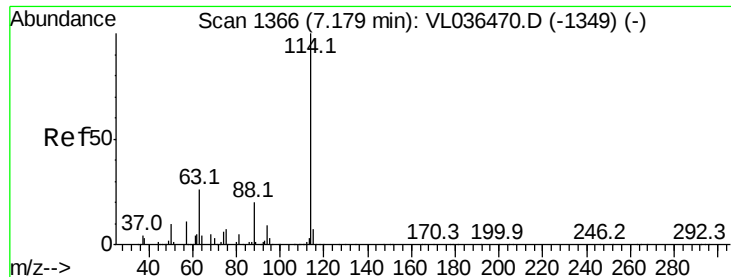
Delta R.T. -0.01 min

Lab File: VL036734.D

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Tgt Ion	57	Resp	16287
Ion	Ratio	Lower	Upper
57	100		
41	112.4	77.2	115.8
43	0.0	173.8	260.6#
56	0.0	43.8	65.6#





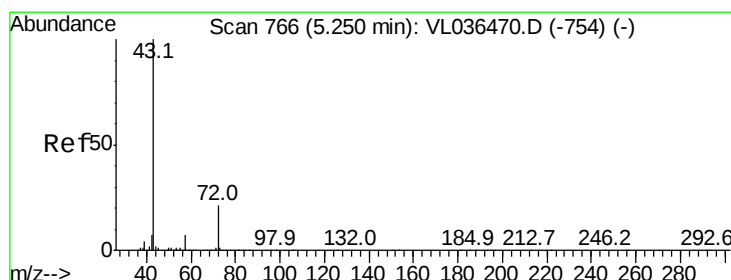
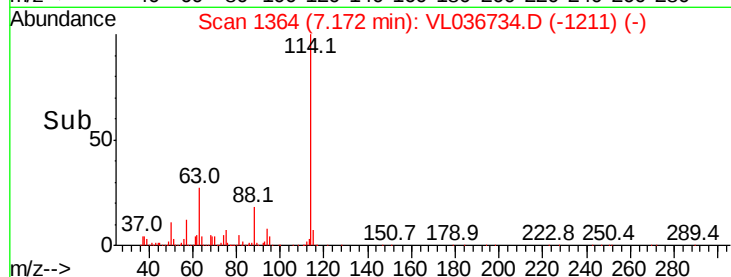
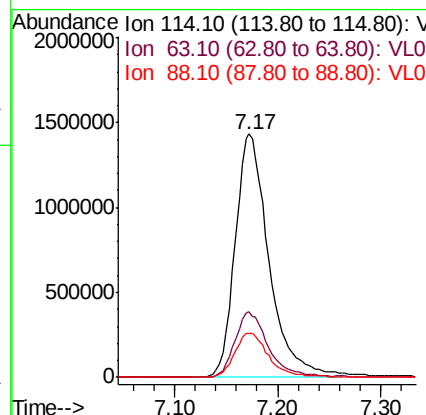
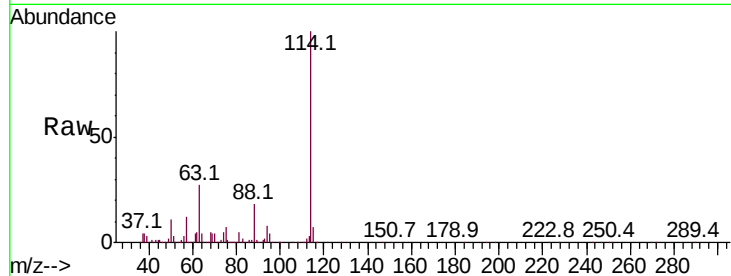
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VL036734.D
 Acq: 7 Apr 2021 20:02

Instrument :
 MSVOA_L
 ClientSampleId :
 FS-SV-03-XDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.2	22.4	33.6
88	18.7	15.4	23.0

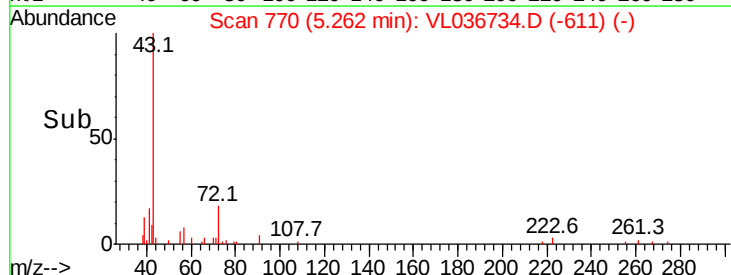
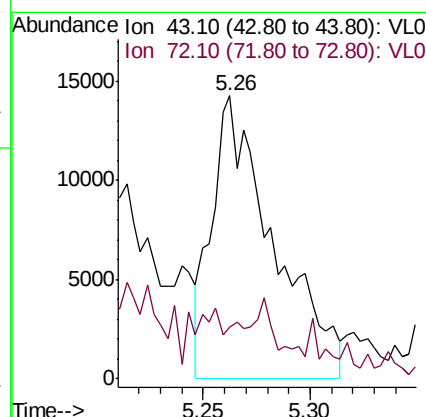
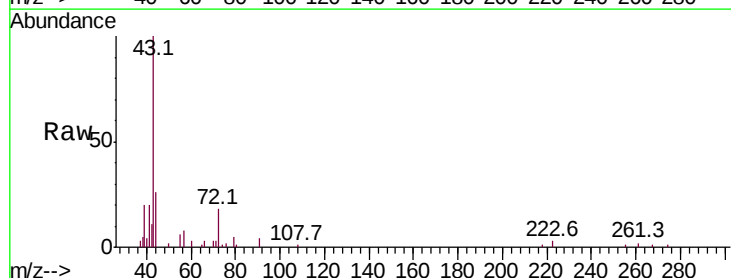
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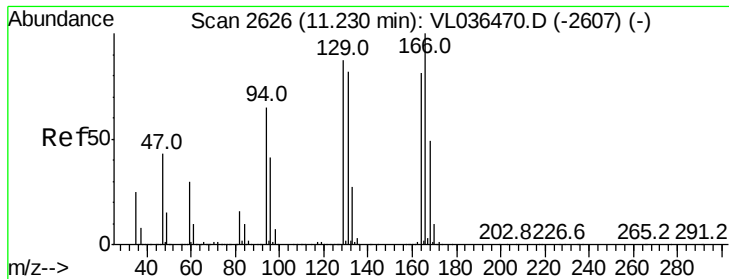
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#34
 2-Butanone
 Concen: 0.179 ppbv m
 RT: 5.26 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: VL036734.D
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Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.0	25.6#





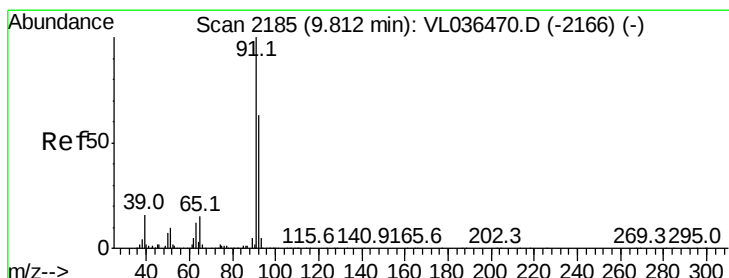
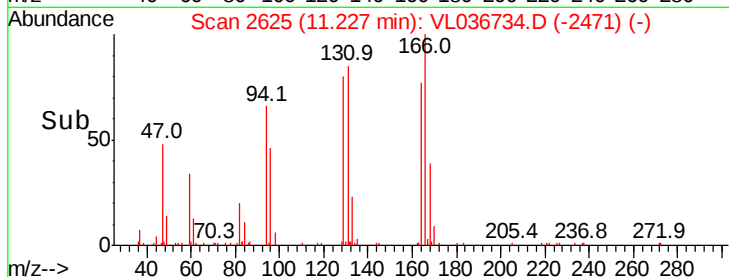
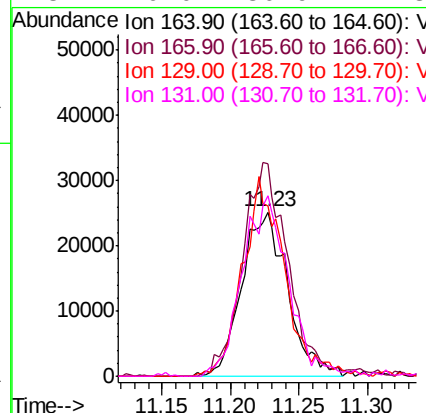
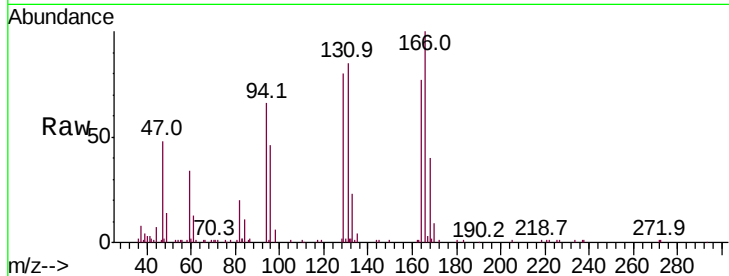
#52
Tetrachloroethene
Concen: 0.528 ppbv m
RT: 11.23 min Scan# 2625
Delta R.T. -0.00 min
Lab File: VL036734.D
Acq: 7 Apr 2021 20:02

Instrument :
MSVOA_L
ClientSampleId :
FS-SV-03-XDL

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.5	98.3	147.5
129	103.6	85.8	128.8
131	110.0	80.9	121.3

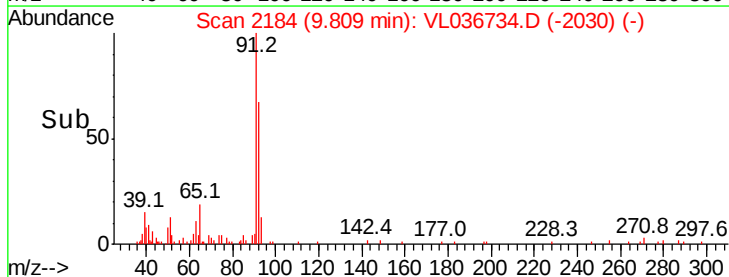
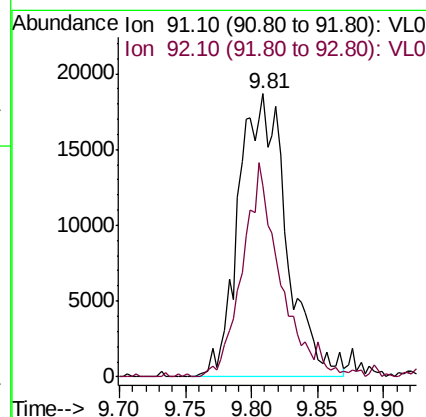
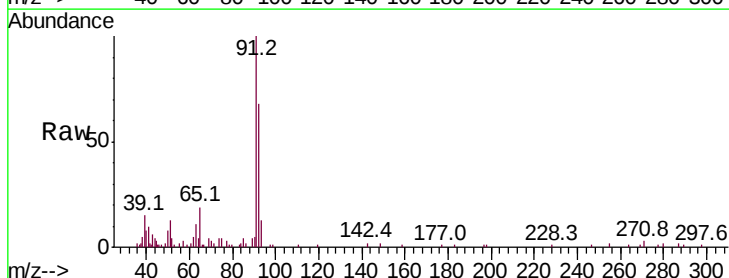
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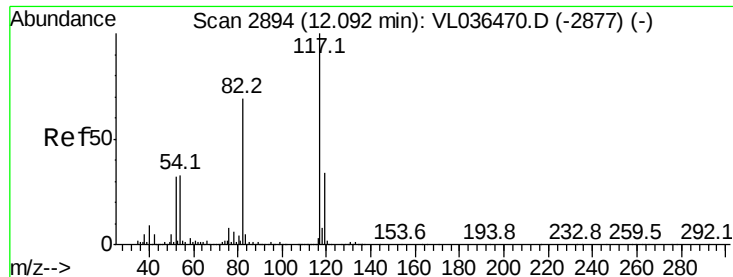
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#53
Toluene
Concen: 0.146 ppbv m
RT: 9.81 min Scan# 2184
Delta R.T. -0.00 min
Lab File: VL036734.D
Acq: 7 Apr 2021 20:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.8	73.2#





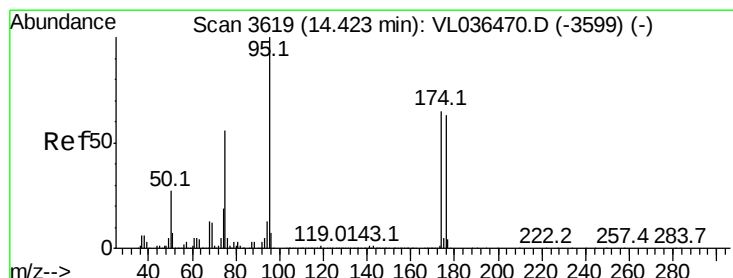
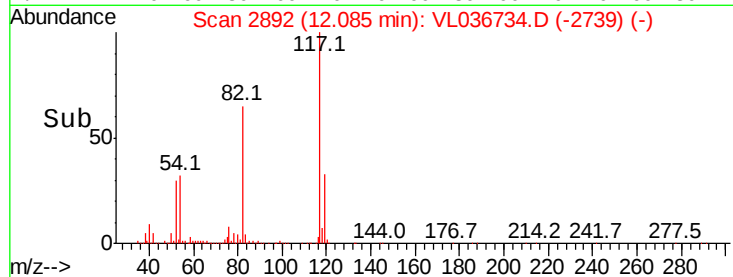
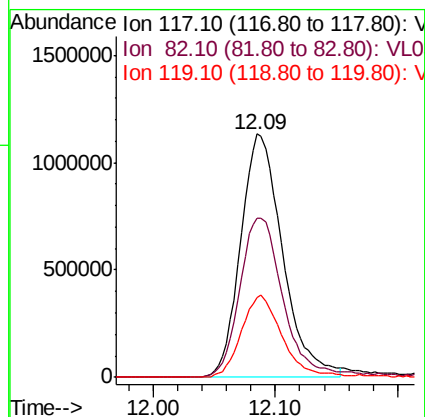
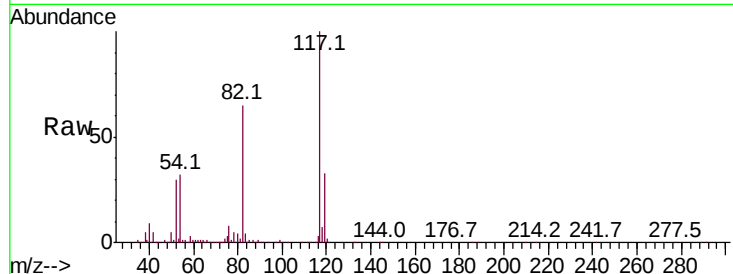
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL036734.D
Acq: 7 Apr 2021 20:02

Instrument :
MSVOA_L
ClientSampleId :
FS-SV-03-XDL

Tot Ion	Ratio	Lower	Upper
117	100		
82	70.3	57.4	86.0
119	33.7	47.4	71.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.928 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL036734.D
Acq: 7 Apr 2021 20:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	65.2	51.0	76.6
175	4.9	3.9	5.9

