

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041222\
 Data File : VL038895.D
 Acq On : 12 Apr 2022 17:08
 Operator : SY/AP
 Sample : N2339-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-EFFLUENT

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2022
 Supervised By :Mahesh Dadoda 04/14/2022

Quant Time: Apr 13 01:18:26 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.661	49	1048045	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	2667994	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	2253859	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	1792008	10.482	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.800%
Target Compounds						
					Qvalue	
9) Propene	3.018	41	15066m	0.223	ppbv	
13) Ethanol	3.597	45	160889m	39.122	ppbv	
15) Acetone	3.854	43	56702	0.543	ppbv	100
20) Methylene Chloride	4.340	84	376856	9.959	ppbv	96
26) Hexane	5.681	57	530625	4.403	ppbv #	40
52) Tetrachloroethene	11.211	164	4398m	0.052	ppbv	

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

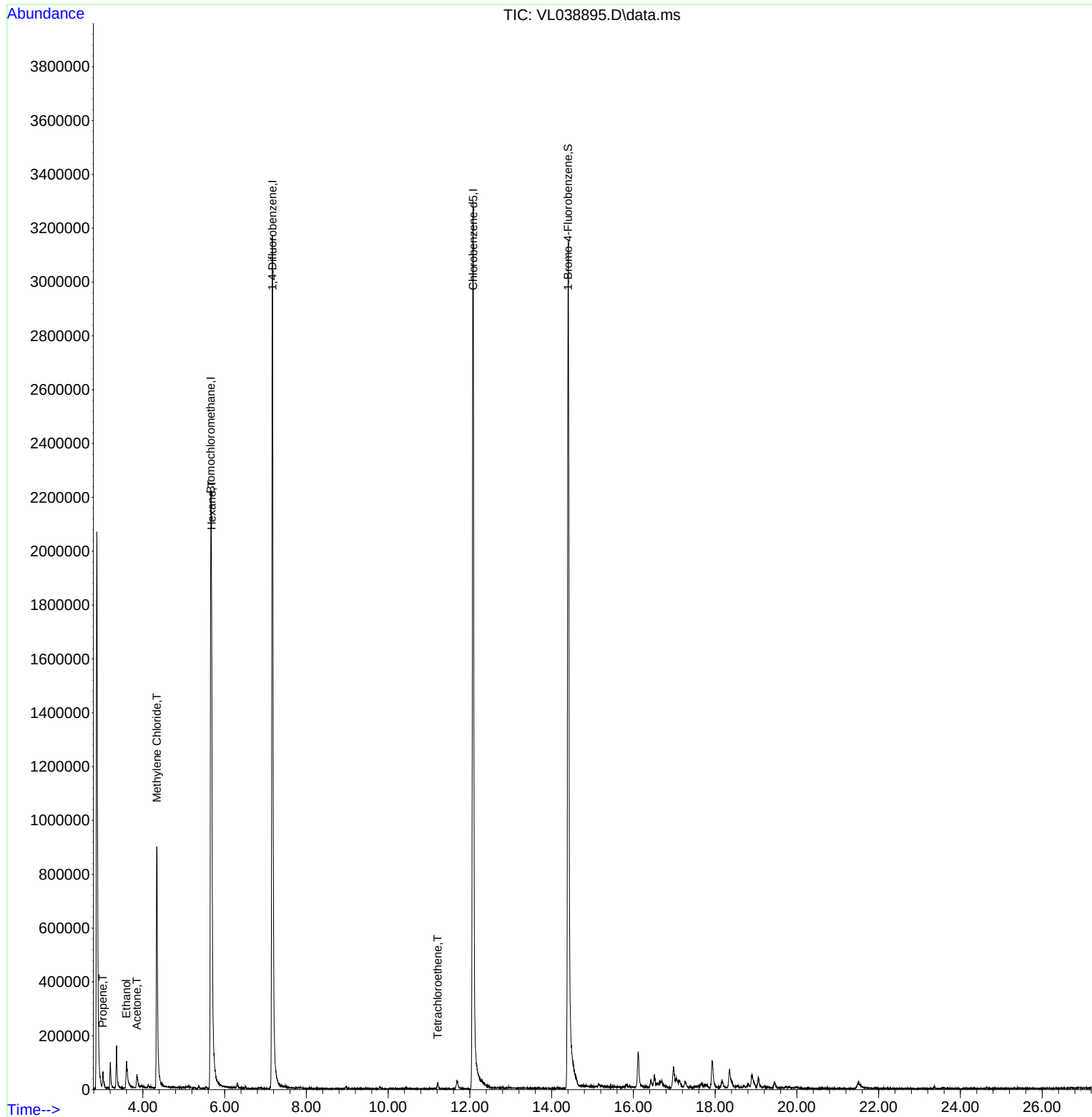
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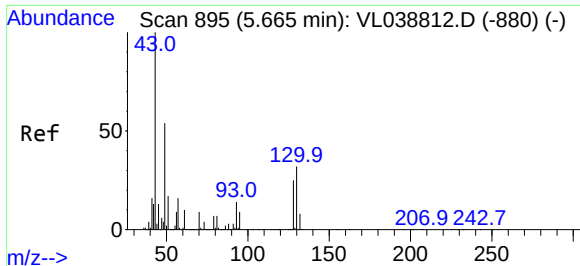
Instrument :
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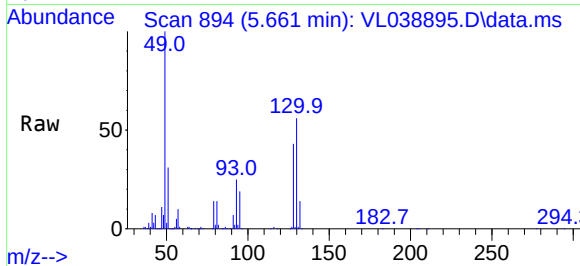
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 895
Delta R.T. -0.003 min
Lab File: VL038895.D
Acq: 12 Apr 2022 17:08

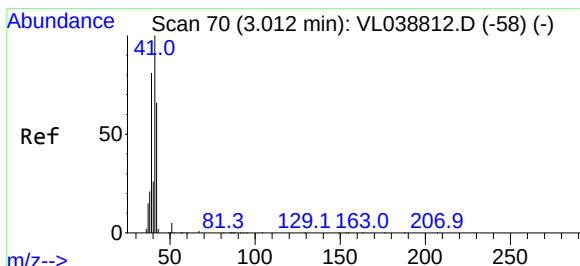
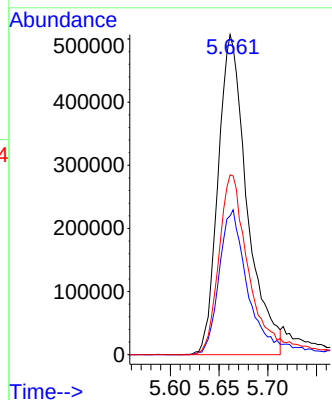
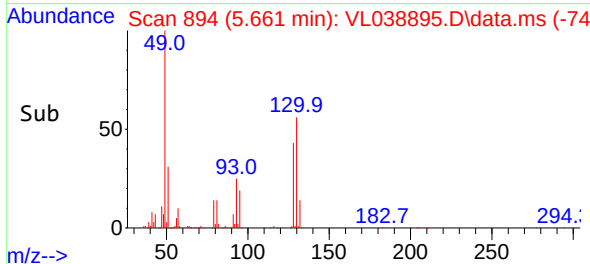
Instrument :
MSVOA_L
Client Sample Id :
SVE-EFFLUENT



Tgt Ion: 49 Resp: 104804
Ion Ratio Lower Upper
49 100
128 49.0 24.1 72.3
130 61.9 30.9 92.8

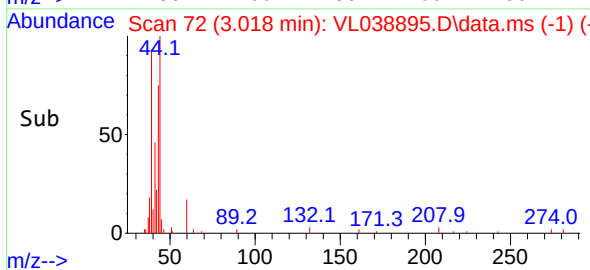
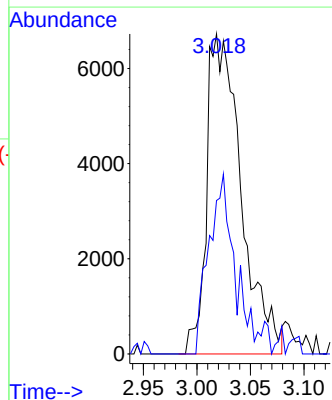
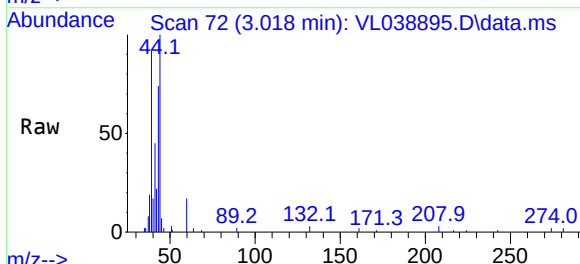
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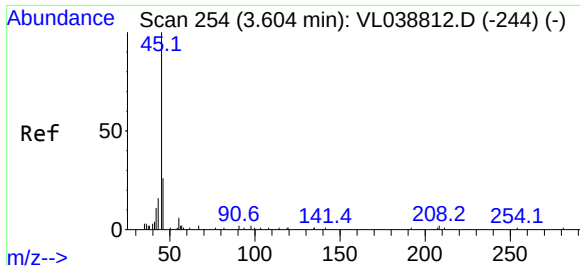
Reviewed By :Semsettin Yesilyurt 04/13/2022
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#9
Propene
Concen: 0.223 ppbv m
RT: 3.018 min Scan# 72
Delta R.T. 0.006 min
Lab File: VL038895.D
Acq: 12 Apr 2022 17:08

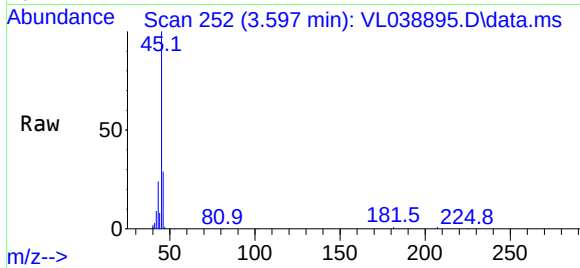
Tgt Ion: 41 Resp: 15066
Ion Ratio Lower Upper
41 100
42 166.5 54.2 81.4#





#13
Ethanol
Concen: 39.122 ppbv m
RT: 3.597 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL038895.D
Acq: 12 Apr 2022 17:08

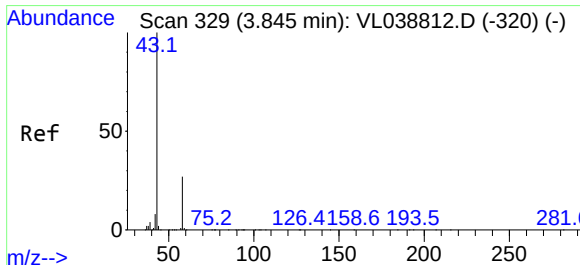
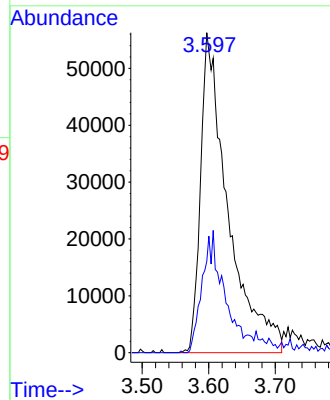
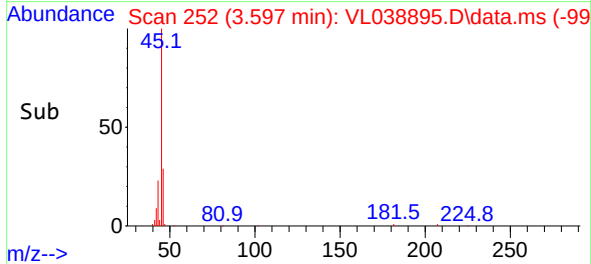
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Tgt Ion: 45 Resp: 160889
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0

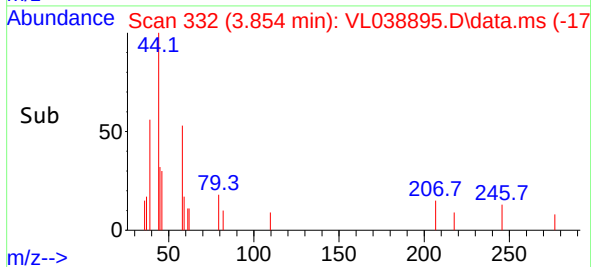
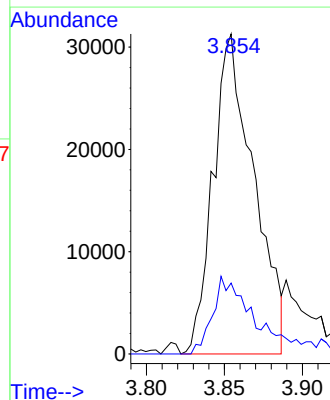
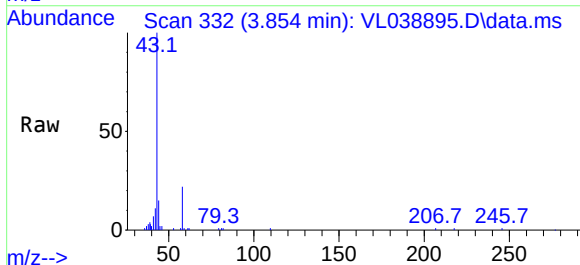
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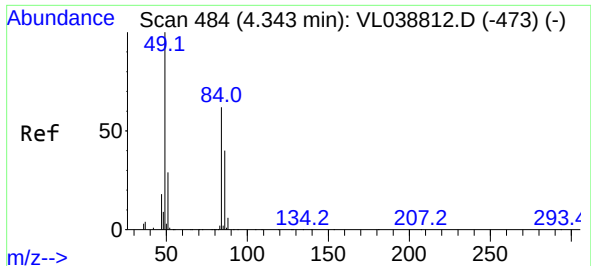
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#15
Acetone
Concen: 0.543 ppbv
RT: 3.854 min Scan# 332
Delta R.T. 0.009 min
Lab File: VL038895.D
Acq: 12 Apr 2022 17:08

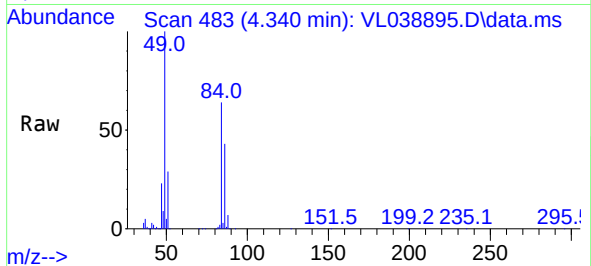
Tgt Ion: 43 Resp: 56702
Ion Ratio Lower Upper
43 100
58 27.9 22.5 33.7





#20
Methylene Chloride
Concen: 9.959 ppbv
RT: 4.340 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL038895.D
Acq: 12 Apr 2022 17:08

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENT

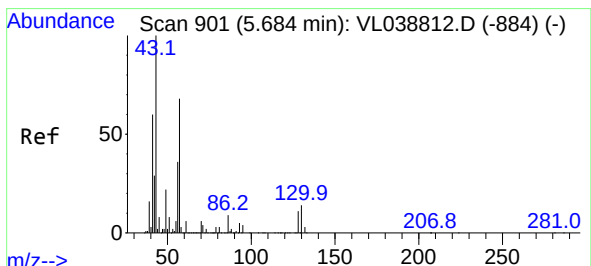
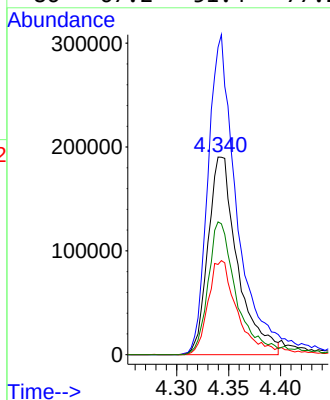
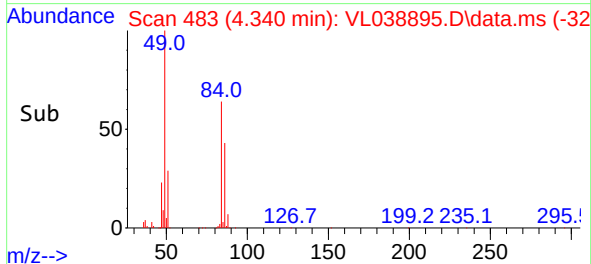


Tgt Ion: 84 Resp: 376850

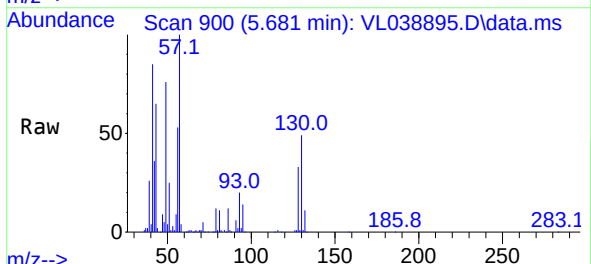
Ion	Ratio	Lower	Upper
84	100		
49	155.5	129.4	194.0
51	45.6	37.4	56.2
86	67.2	51.4	77.2

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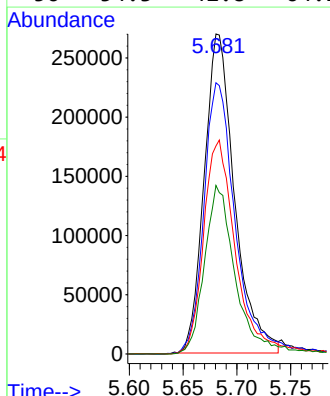
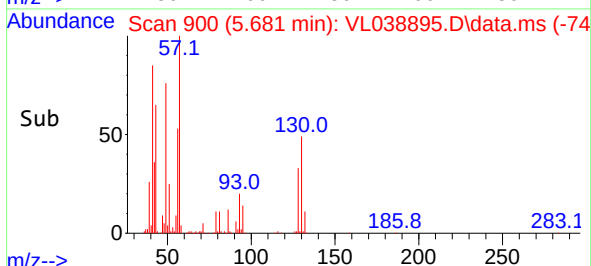


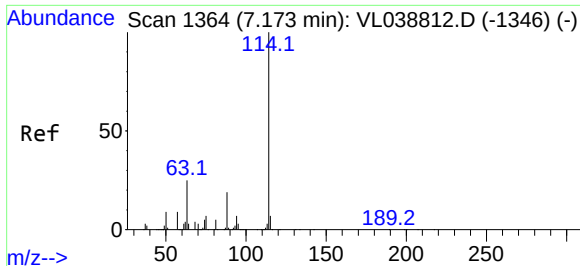
#26
Hexane
Concen: 4.403 ppbv
RT: 5.681 min Scan# 900
Delta R.T. -0.003 min
Lab File: VL038895.D
Acq: 12 Apr 2022 17:08



Tgt Ion: 57 Resp: 530625

Ion	Ratio	Lower	Upper
57	100		
41	89.8	72.0	108.0
43	72.1	186.6	280.0#
56	54.3	42.8	64.2





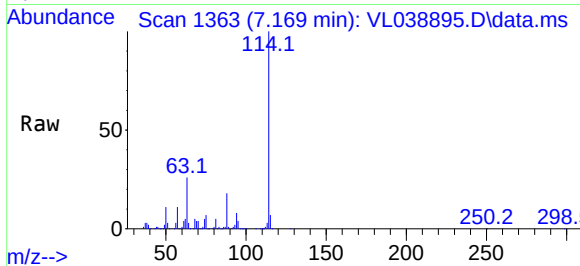
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL038895.D
Acq: 12 Apr 2022 17:08

Instrument :

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ClientSampleId :

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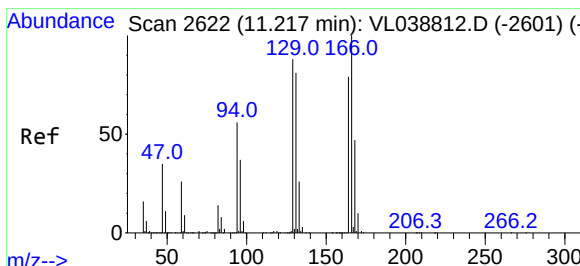
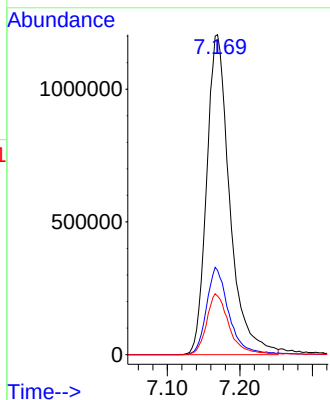
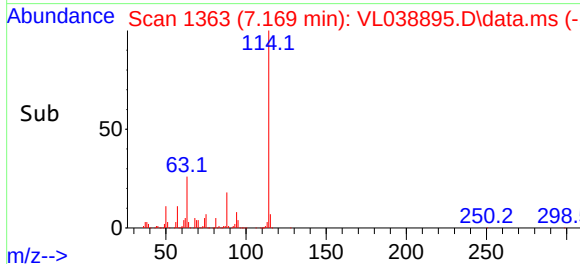


Tgt Ion:114 Resp: 2667994
Ion Ratio Lower Upper
114 100
63 27.1 19.8 29.8
88 18.9 14.2 21.4

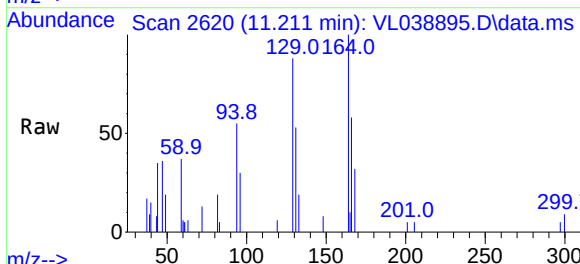
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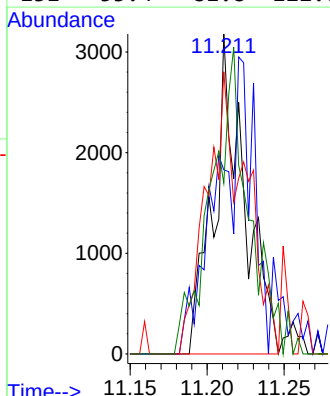
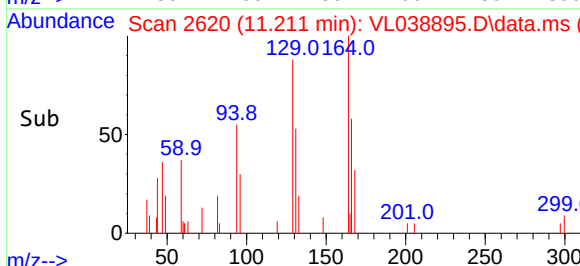
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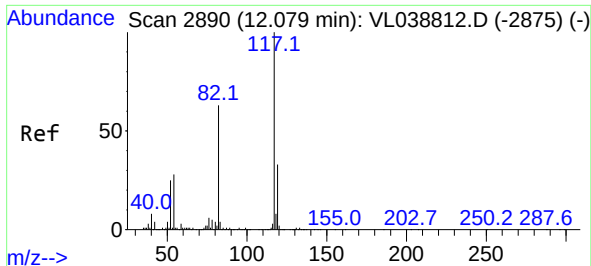


#52
Tetrachloroethene
Concen: 0.052 ppbv m
RT: 11.211 min Scan# 2620
Delta R.T. -0.007 min
Lab File: VL038895.D
Acq: 12 Apr 2022 17:08



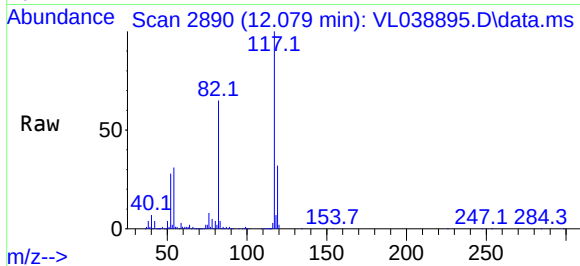
Tgt Ion:164 Resp: 4398
Ion Ratio Lower Upper
164 100
166 57.6 101.0 151.6#
129 88.2 88.7 133.1#
131 53.4 81.8 122.6#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VL038895.D
Acq: 12 Apr 2022 17:08

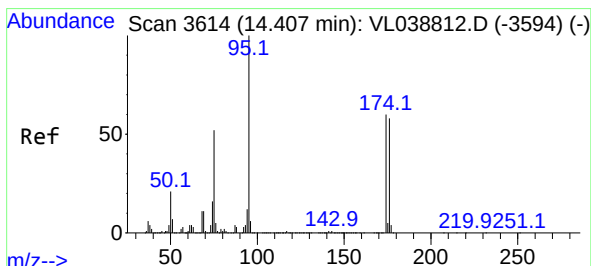
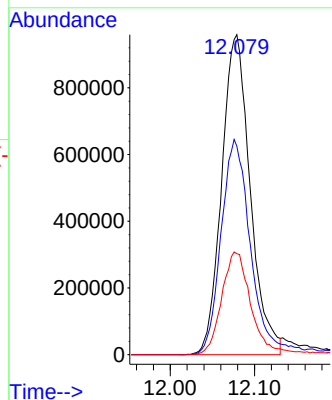
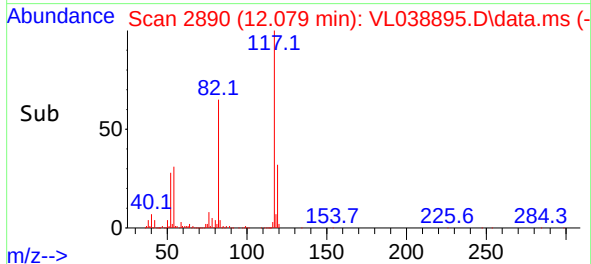
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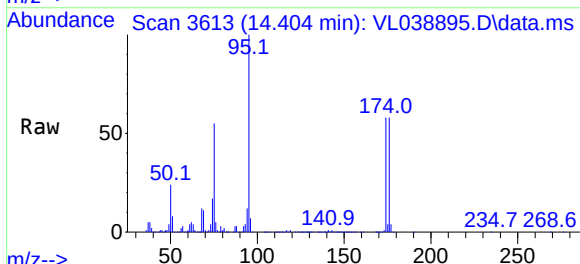
Tgt Ion: 117 Resp: 225385
Ion Ratio Lower Upper
117 100
82 72.4 53.0 79.6
119 34.2 24.9 37.3

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.482 ppbv
RT: 14.404 min Scan# 3613
Delta R.T. -0.003 min
Lab File: VL038895.D
Acq: 12 Apr 2022 17:08



Tgt Ion: 95 Resp: 1792008
Ion Ratio Lower Upper
95 100
174 63.5 52.0 78.0
175 4.5 4.0 6.0

