

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
 Data File : VL039484.D
 Acq On : 19 Jul 2022 16:02
 Operator : SY/AP
 Sample : N3719-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-8DL

Quant Time: Jul 20 05:40:29 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 20 05:40:29 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/21/2022

07/20/2022
 Supervised By :Mahesh
 Dadoda

07/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.681	49	1245623	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.189	114	3527807	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.102	117	3062721	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.433	95	2392025	10.528	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.300%
Target Compounds						
9) Propene	3.031	41	15310	0.215	ppbv #	82
15) Acetone	3.870	43	173447m	1.177	ppbv	
20) Methylene Chloride	4.356	84	323133	5.501	ppbv	98
26) Hexane	5.700	57	242506	1.991	ppbv #	40
52) Tetrachloroethene	11.240	164	13215	0.120	ppbv #	58

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

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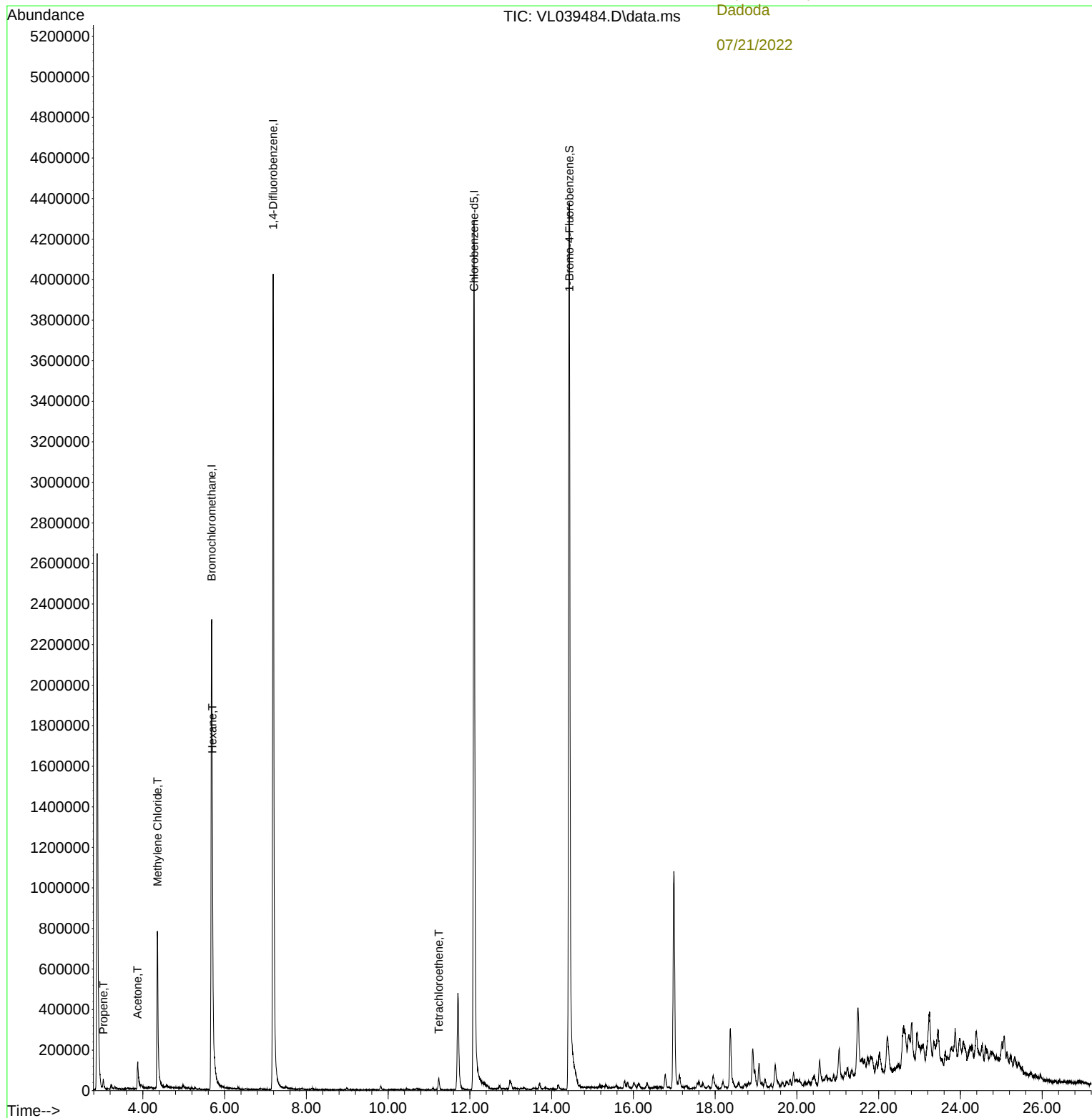
Quant Time: Jul 20 05:40:29 2022
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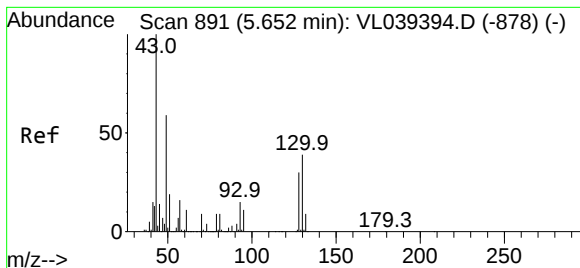
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.681 min Scan# 90
Delta R.T. 0.029 min
Lab File: VL039484.D
Acq: 19 Jul 2022 16:02

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ClientSampleId :
SG-8DL

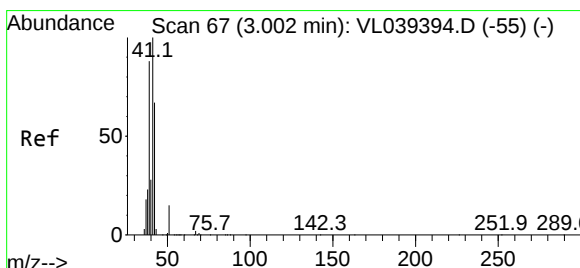
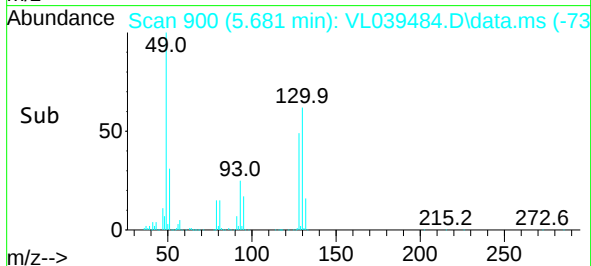
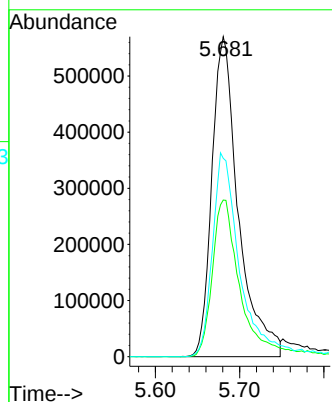
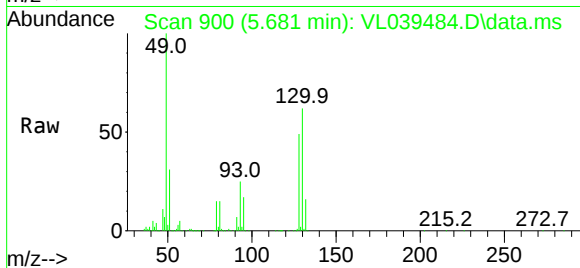
Tgt Ion: 49 Resp: 124562
Ion Ratio Lower Upper
49 100
128 52.7 26.7 80.0
130 67.3 34.3 102.8

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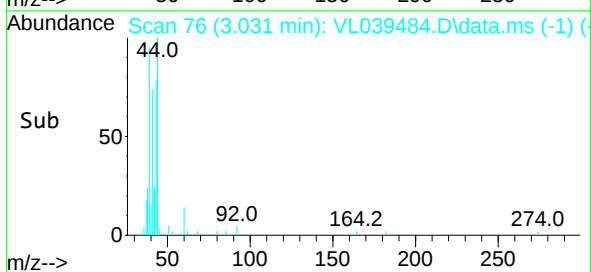
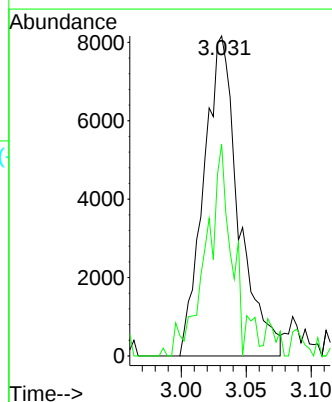
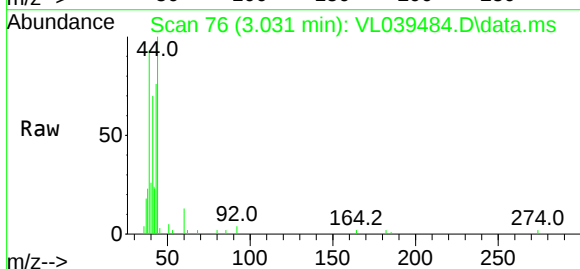
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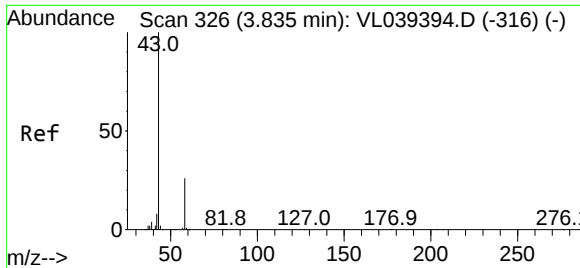
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#9
Propene
Concen: 0.215 ppbv
RT: 3.031 min Scan# 76
Delta R.T. 0.029 min
Lab File: VL039484.D
Acq: 19 Jul 2022 16:02

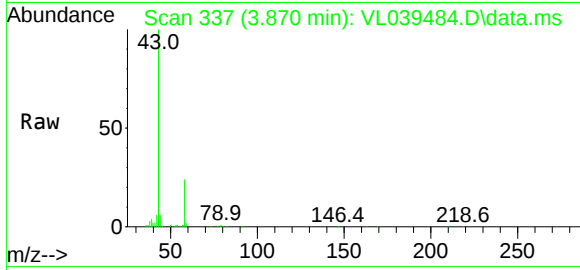
Tgt Ion: 41 Resp: 15310
Ion Ratio Lower Upper
41 100
42 54.3 55.2 82.8#





#15
Acetone
Concen: 1.177 ppbv m
RT: 3.870 min Scan# 31
Delta R.T. 0.035 min
Lab File: VL039484.D
Acq: 19 Jul 2022 16:02

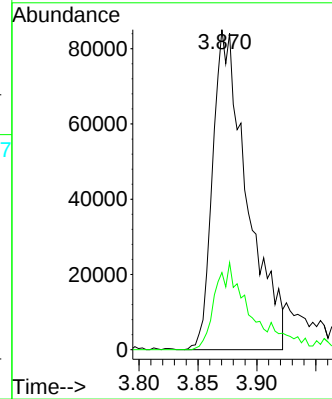
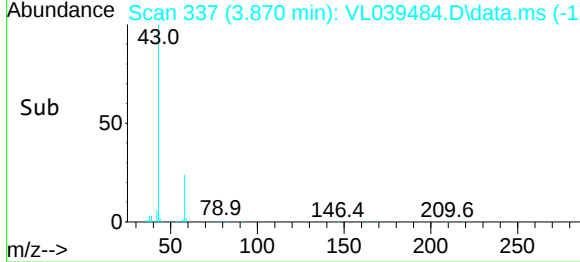
Instrument :
MSVOA_L
ClientSampleId :
SG-8DL



Tgt Ion: 43 Resp: 17344
Ion Ratio Lower Upper
43 100
58 29.8 21.0 31.6

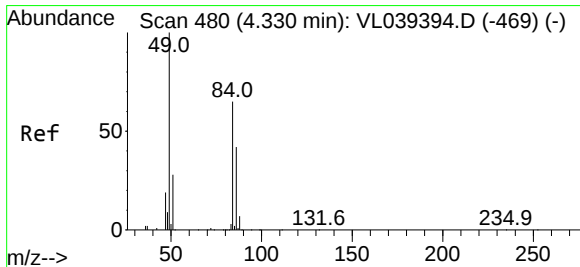
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Supervised By :Mahesh Dadoda 07/21/2022



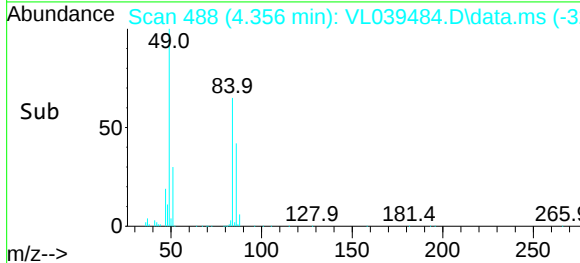
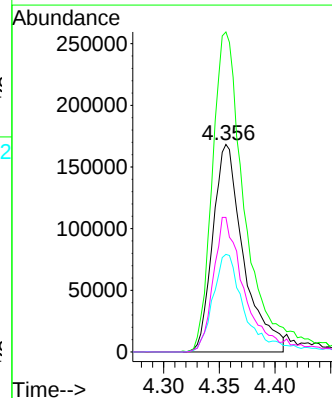
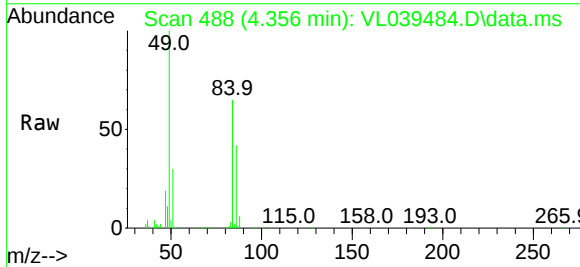
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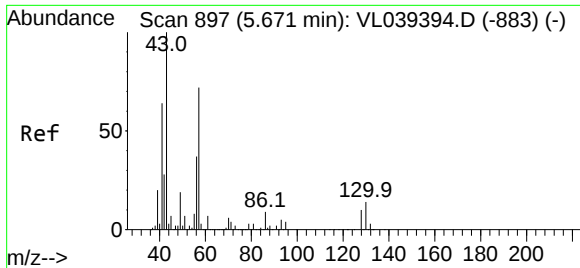
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#20
Methylene Chloride
Concen: 5.501 ppbv
RT: 4.356 min Scan# 488
Delta R.T. 0.026 min
Lab File: VL039484.D
Acq: 19 Jul 2022 16:02

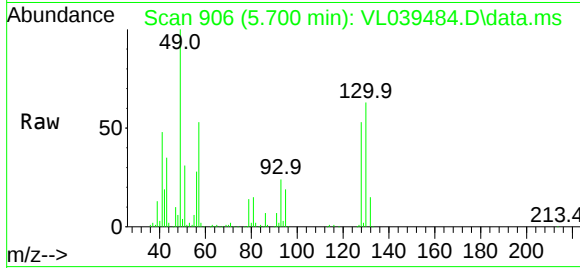
Tgt Ion: 84 Resp: 323133
Ion Ratio Lower Upper
84 100
49 153.8 123.1 184.7
51 47.7 34.4 51.6
86 64.9 51.1 76.7





#26
Hexane
Concen: 1.991 ppbv
RT: 5.700 min Scan# 906
Delta R.T. 0.029 min
Lab File: VL039484.D
Acq: 19 Jul 2022 16:02

Instrument :
MSVOA_L
ClientSampleId :
SG-8DL



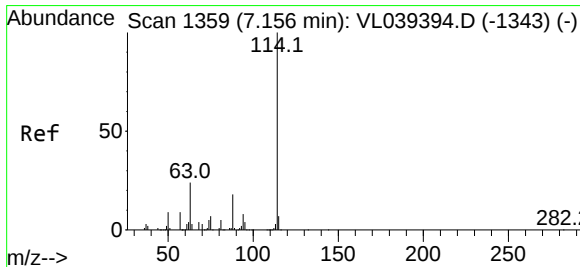
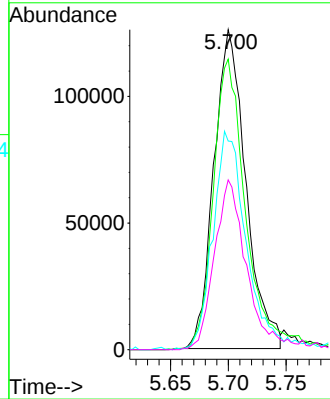
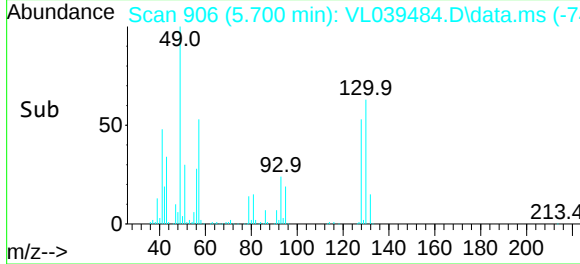
Tgt Ion: 57 Resp: 242500
Ion Ratio Lower Upper
57 100
41 94.8 76.9 115.3
43 74.0 191.0 286.6
56 54.8 43.2 64.8

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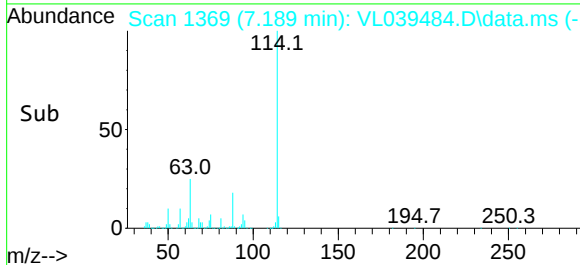
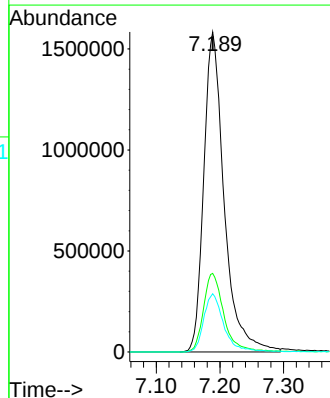
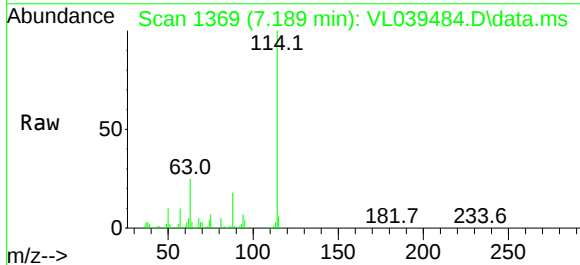
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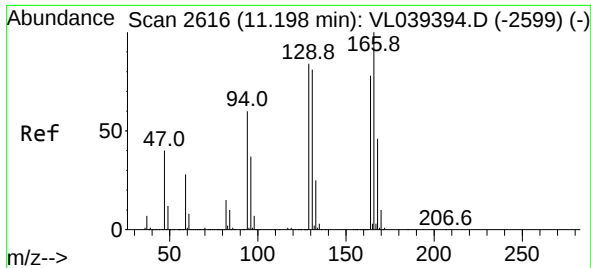
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.189 min Scan# 1369
Delta R.T. 0.032 min
Lab File: VL039484.D
Acq: 19 Jul 2022 16:02

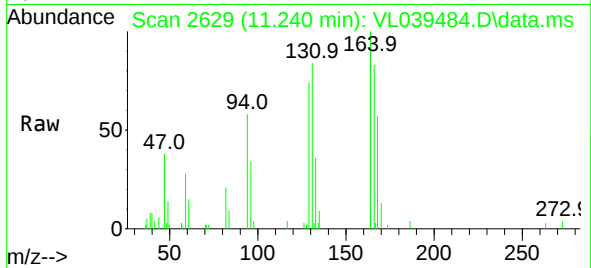
Tgt Ion:114 Resp: 3527807
Ion Ratio Lower Upper
114 100
63 24.8 20.2 30.4
88 18.1 14.5 21.7





#52
Tetrachloroethene
Concen: 0.120 ppbv
RT: 11.240 min Scan# 2616
Delta R.T. 0.042 min
Lab File: VL039484.D
Acq: 19 Jul 2022 16:02

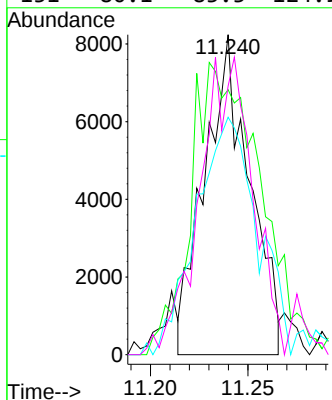
Instrument :
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Tgt Ion	Ratio	Lower	Upper
164	100		
166	68.8	102.2	153.2
129	56.8	85.8	128.8
131	80.1	83.3	124.9

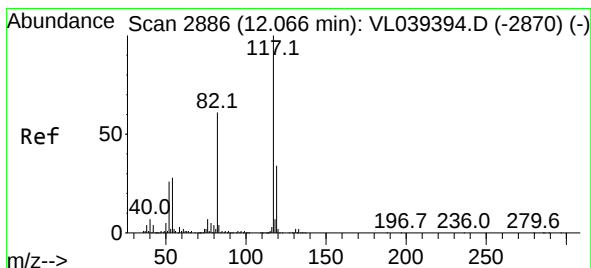
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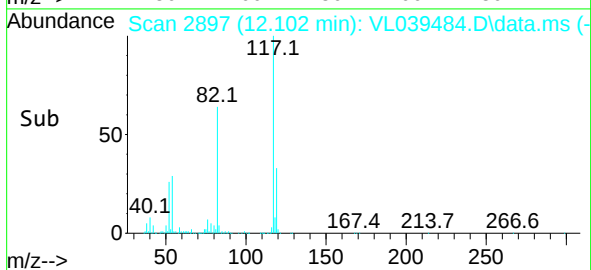
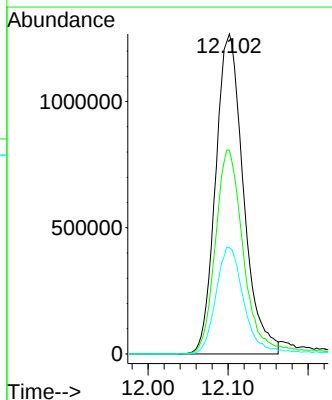
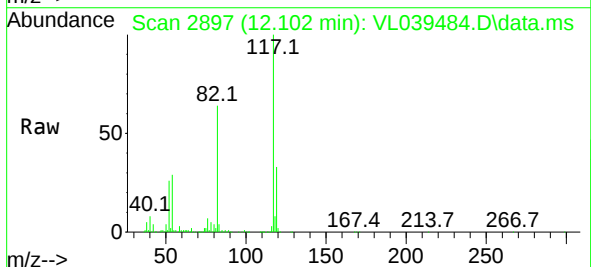
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Dadoda

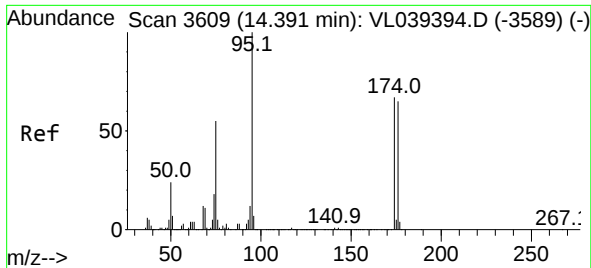
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.102 min Scan# 2897
Delta R.T. 0.035 min
Lab File: VL039484.D
Acq: 19 Jul 2022 16:02

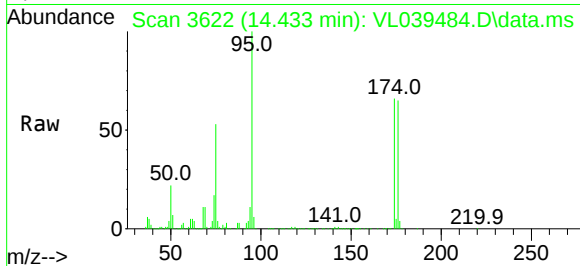
Tgt Ion	Ratio	Lower	Upper
117	100		
82	66.4	50.8	76.2
119	34.7	24.1	36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.528 ppbv
 RT: 14.433 min Scan# 30
 Delta R.T. 0.042 min
 Lab File: VL039484.D
 Acq: 19 Jul 2022 16:02

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-8DL



Tgt Ion: 95 Resp: 2392029

Ion	Ratio	Lower	Upper
95	100		
174	71.7	55.9	83.9
175	5.0	4.2	6.4

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