

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080621\
 Data File : VL037351.D
 Acq On : 6 Aug 2021 19:59
 Operator : SY/AP
 Sample : M3157-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DDC-2-INFLUENT-1

Manual Integrations
 APPROVED

MMDadoda
 8/10/2021 6:09:46 PM

Quant Time: Aug 07 02:05:59 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 0
 QLast Update : Fri Aug 06 17:52:04 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	934920	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3063709	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2595468	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1696636	9.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.80%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.04	85	35505	0.168	ppbv	90
3) Chlorodifluoromethane	2.98	51	191489	1.027	ppbv #	91
4) Chloromethane	3.13	50	34957m	0.549	ppbv	
5) Vinyl Chloride	3.25	62	13076m	0.170	ppbv	
7) Chloroethane	3.56	64	3889m	0.151	ppbv	
9) Propene	3.02	41	55758	0.891	ppbv	91
10) Heptane	8.12	43	26497m	0.182	ppbv	
11) Trichlorofluoromethane	3.95	101	45174m	0.249	ppbv	
12) 1,1,2-Trichlorotrifluoroet	4.48	101	15126	0.112	ppbv	96
13) Ethanol	3.60	45	2412218	209.019	ppbv	96
15) Acetone	3.84	43	576927	5.922	ppbv #	57
17) tert-Butyl alcohol	4.29	59	32754m	0.316	ppbv	
18) 1,1-Dichloroethene	4.29	96	9479m	0.161	ppbv	
19) Isopropyl Alcohol	3.97	45	290484m	4.926	ppbv	
20) Methylene Chloride	4.34	84	999340	12.248	ppbv	97
24) 1,1-Dichloroethane	5.00	63	14220m	0.122	ppbv	
26) Hexane	5.68	57	700666	5.146	ppbv #	50
29) Chloroform	5.74	83	672063	3.679	ppbv	98
30) Cyclohexane	7.12	84	79985	0.753	ppbv	87
31) cis-1,2-Dichloroethene	5.54	61	421984	3.926	ppbv	97
32) 1,1,1-Trichloroethane	6.50	97	63356	0.327	ppbv	95
34) 2-Butanone	5.24	43	174953	1.701	ppbv	94
35) Carbon Tetrachloride	7.01	117	336422	1.755	ppbv	100
36) Benzene	6.88	78	200249	0.853	ppbv	98
38) Trichloroethene	7.83	130	108734	0.945	ppbv	98
41) Tetrahydrofuran	6.05	42	24914	0.492	ppbv	90
44) 2,2,4-Trimethylpentane	7.86	57	108556	0.276	ppbv #	87
50) 4-Methyl-2-Pentanone	8.77	43	24773m	0.176	ppbv	
52) Tetrachloroethene	11.21	164	2881945	25.735	ppbv	98
53) Toluene	9.80	91	754011	2.755	ppbv	99
58) Ethyl Benzene	12.70	91	82689	0.244	ppbv	94
59) m/p-Xylene	12.96	91	218664m	0.741	ppbv	
60) o-Xylene	13.69	91	80759	0.295	ppbv	97
61) Styrene	13.51	104	32275m	0.229	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.67	83	13847m	0.065	ppbv	
65) tert-Butylbenzene	16.73	119	37343m	0.101	ppbv	
69) p-Isopropyltoluene	17.64	119	47827m	0.113	ppbv	
70) n-Butylbenzene	18.54	91	38844	0.103	ppbv #	91
72) 4-Ethyltoluene	15.83	105	43818	0.135	ppbv #	91
73) 1,3,5-Trimethylbenzene	15.99	105	46938m	0.154	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	100283	0.313	ppbv #	81

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Instrument :
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Manual Integrations
APPROVED

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Quant Time: Aug 07 02:05:59 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 0
QLast Update : Fri Aug 06 17:52:04 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Hexachloro-1,3-Butadiene	23.36	225	39303m	0.252	ppbv	
79) Naphthalene	22.19	128	57954m	0.256	ppbv	
80) Naphthalene,2-methyl-	24.97	142	24685	0.599	ppbv	92
81) 1,2,4-Trichlorobenzene	21.92	180	28851m	0.197	ppbv	

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

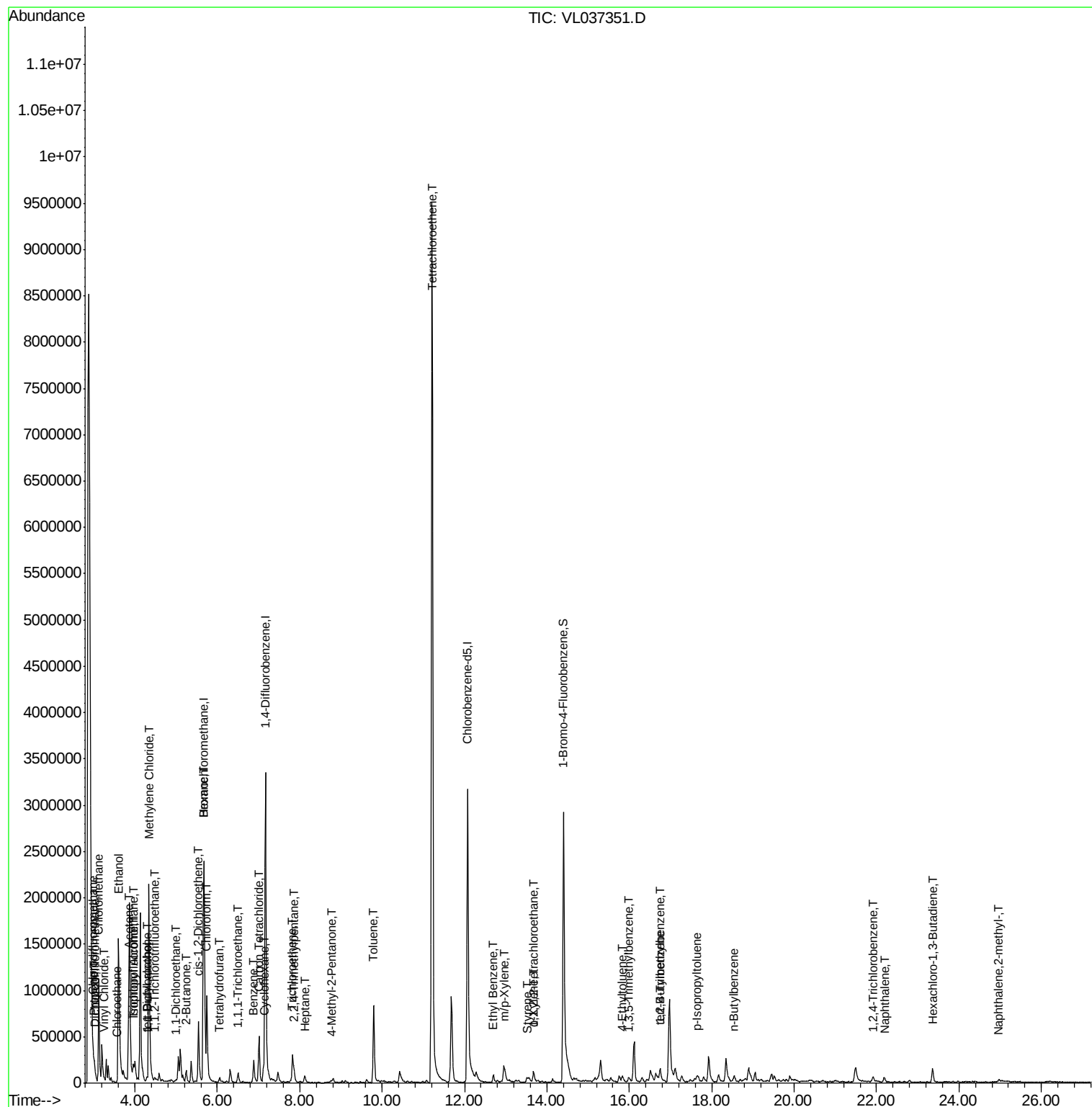
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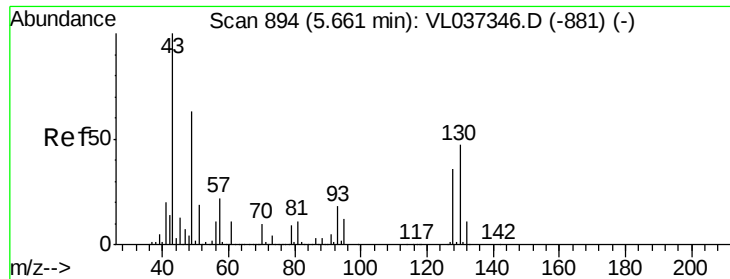
Instrument :
MSVOA_L
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QLast Update : Fri Aug 06 17:52:04 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.00 min

Lab File: VL037351.D

Acq: 6 Aug 2021 19:59

Instrument :

MSVOA_L

ClientSampleId :

DDC-2-INFLUENT-1

Tot Ion: 49 Resp: 934920

Ion Ratio Lower Upper

49 100

128 62.6 32.1 96.3

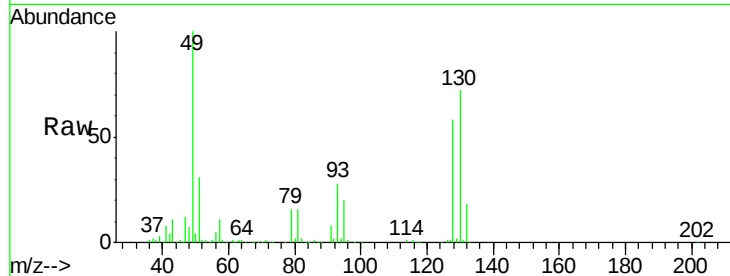
130 81.1 40.0 120.0

Manual Integrations

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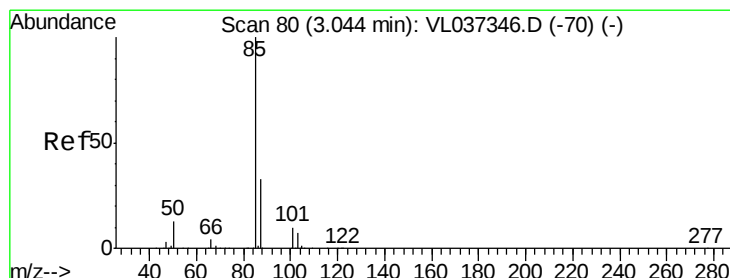
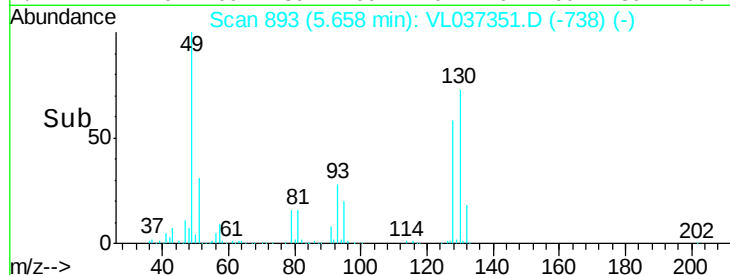
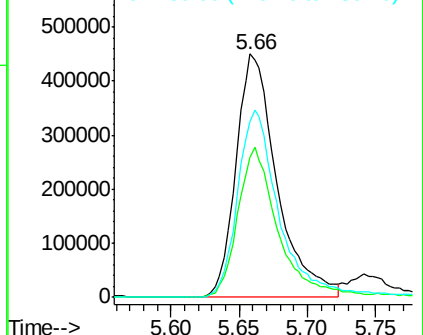
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.168 ppbv

RT: 3.04 min Scan# 80

Delta R.T. 0.00 min

Lab File: VL037351.D

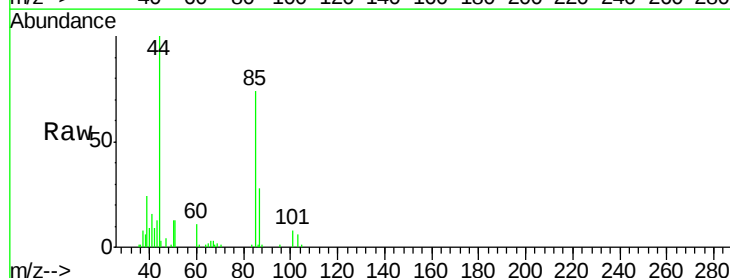
Acq: 6 Aug 2021 19:59

Tgt Ion: 85 Resp: 35505

Ion Ratio Lower Upper

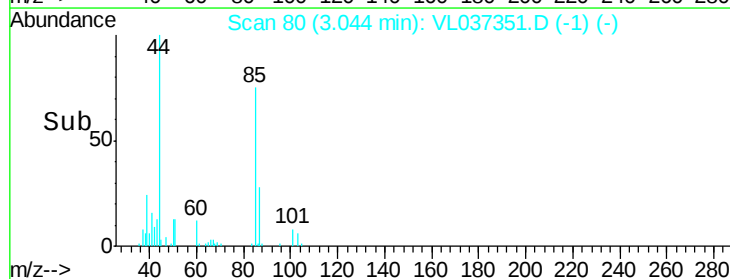
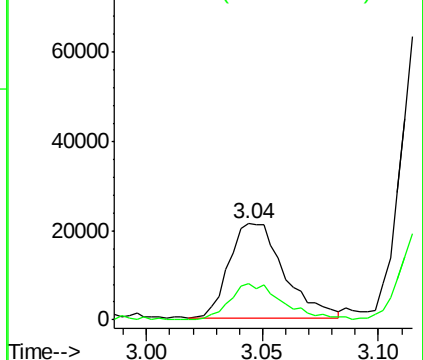
85 100

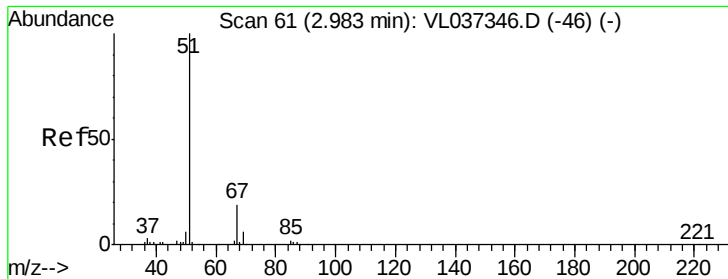
87 38.7 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 1.027 ppbv

RT: 2.98 min Scan# 61

Delta R.T. 0.00 min

Lab File: VL037351.D

Acq: 6 Aug 2021 19:59

Instrument :

MSVOA_L

ClientSampleId :

DDC-2-INFLUENT-1

Tot Ion: 51 Resp: 191489

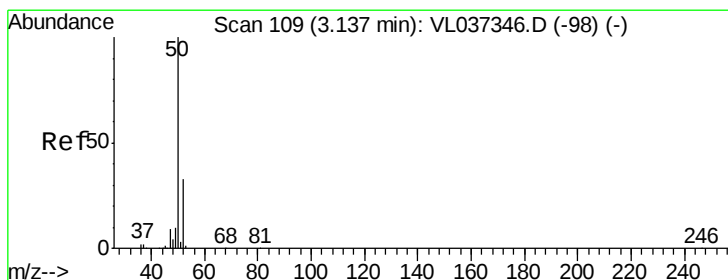
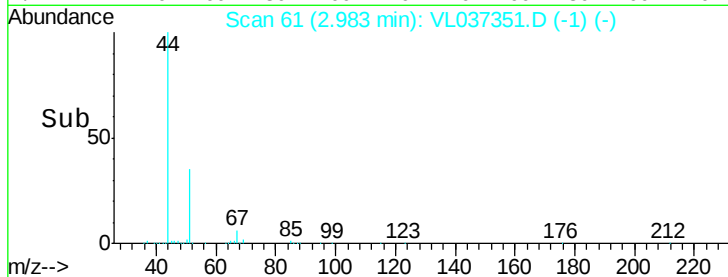
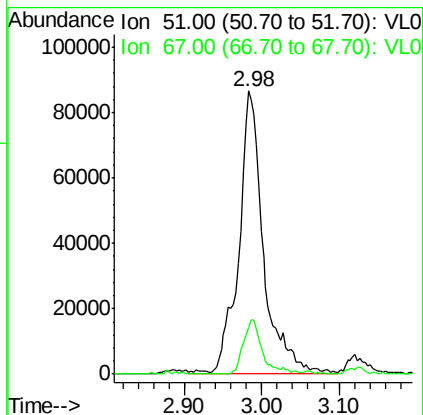
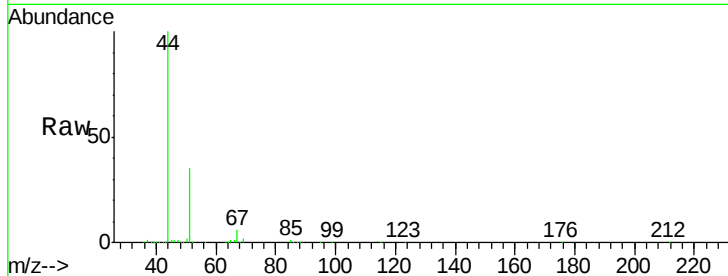
Ion Ratio Lower Upper

51 100

67 15.3 15.6 23.4#

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#4

Chloromethane

Concen: 0.549 ppbv m

RT: 3.13 min Scan# 106

Delta R.T. -0.01 min

Lab File: VL037351.D

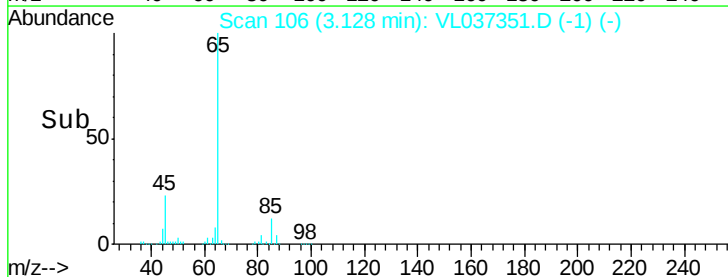
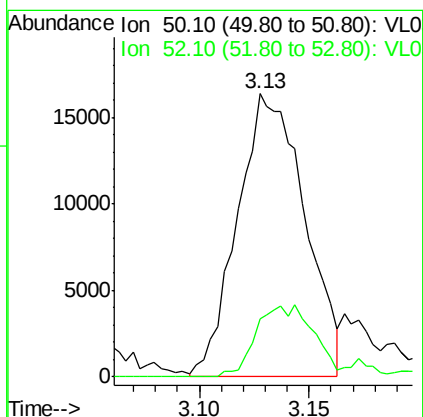
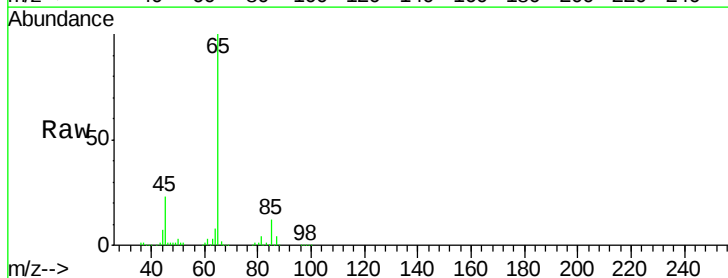
Acq: 6 Aug 2021 19:59

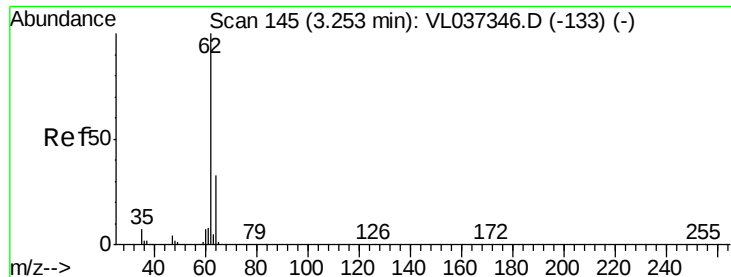
Tgt Ion: 50 Resp: 34957

Ion Ratio Lower Upper

50 100

52 20.5 26.3 39.5#





#5

Vinyl Chloride

Concen: 0.170 ppbv m

RT: 3.25 min Scan# 145

Delta R.T. 0.00 min

Lab File: VL037351.D

Acq: 6 Aug 2021 19:59

Instrument :

MSVOA_L

ClientSampleId :

DDC-2-INFLUENT-1

Tot Ion: 62 Resp: 13076

Ion Ratio Lower Upper

62 100

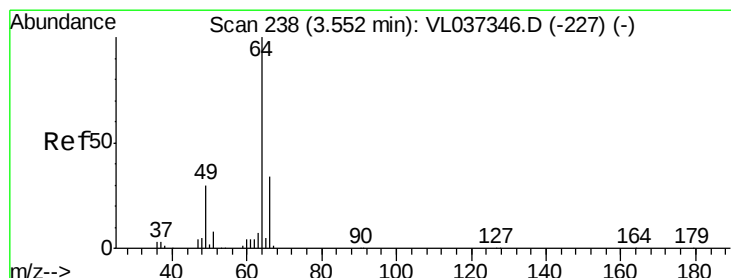
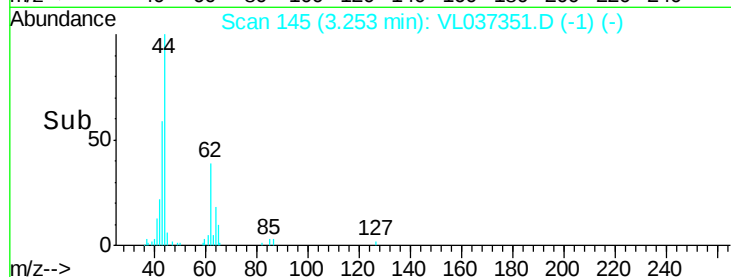
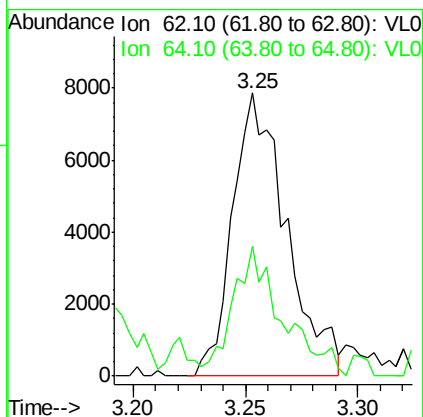
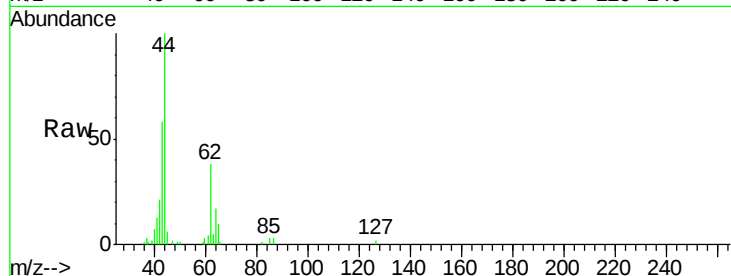
64 45.7 26.4 39.6#

Manual Integrations

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#7

Chloroethane

Concen: 0.151 ppbv m

RT: 3.56 min Scan# 239

Delta R.T. 0.00 min

Lab File: VL037351.D

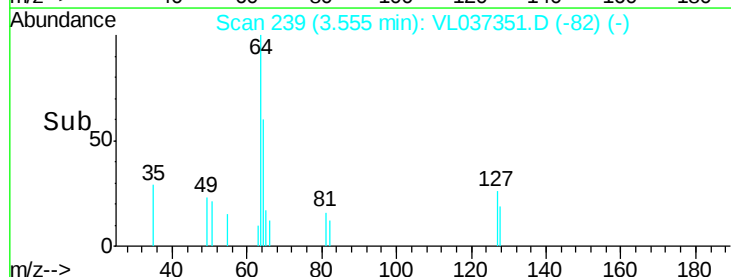
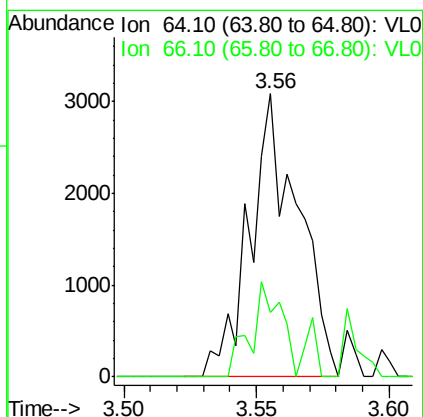
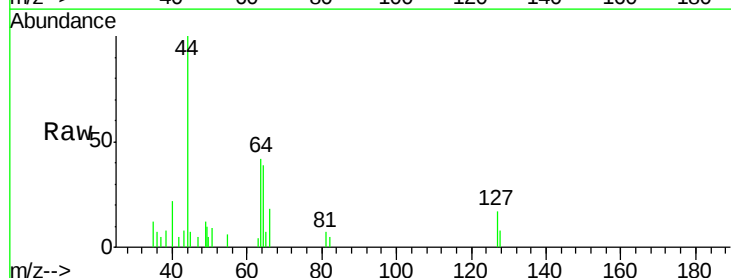
Acq: 6 Aug 2021 19:59

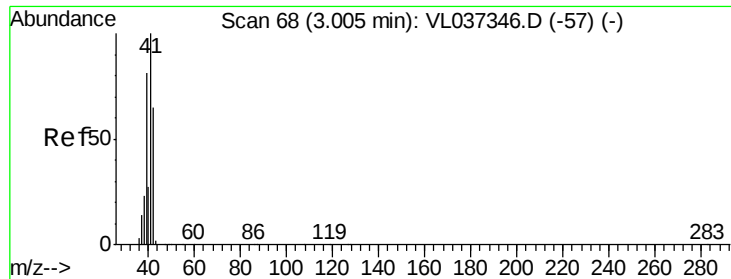
Tgt Ion: 64 Resp: 3889

Ion Ratio Lower Upper

64 100

66 43.5 26.8 40.2#





#9

Propene

Concen: 0.891 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL037351.D

Acq: 6 Aug 2021 19:59

Instrument :

MSVOA_L

ClientSampleId :

DDC-2-INFLUENT-1

Tot Ion: 41 Resp: 55758

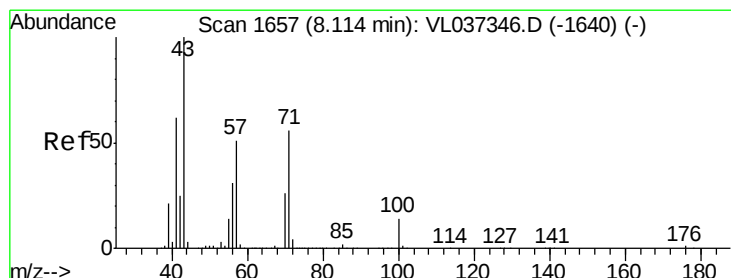
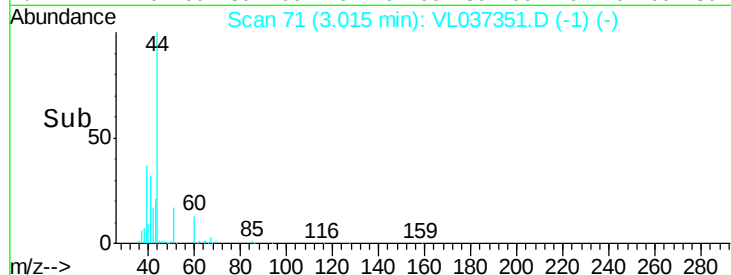
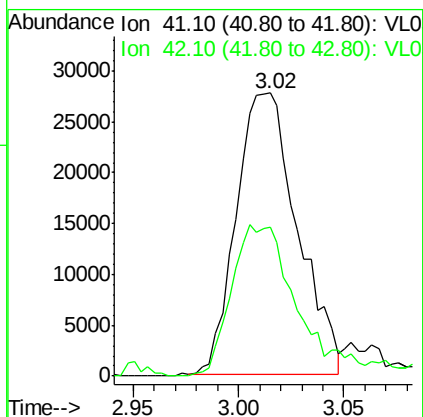
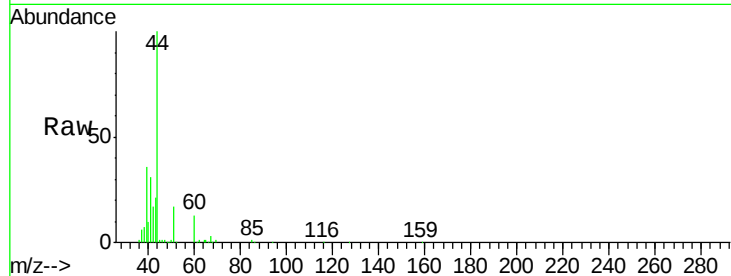
Ion Ratio Lower Upper

41 100

42 60.7 54.3 81.5

Manual Integrations
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#10

Heptane

Concen: 0.182 ppbv m

RT: 8.12 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VL037351.D

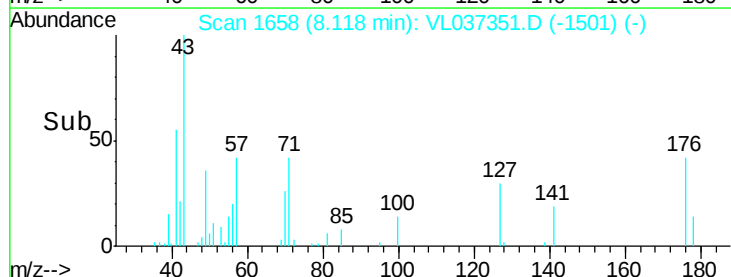
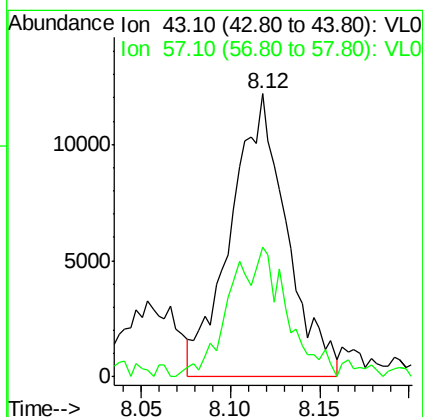
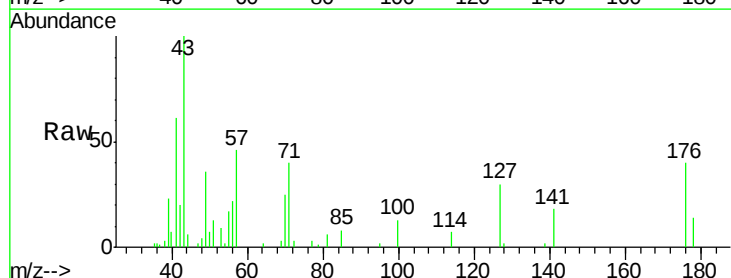
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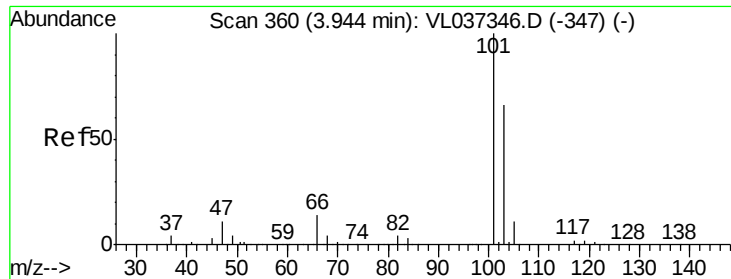
Tgt Ion: 43 Resp: 26497

Ion Ratio Lower Upper

43 100

57 0.0 41.6 62.4#





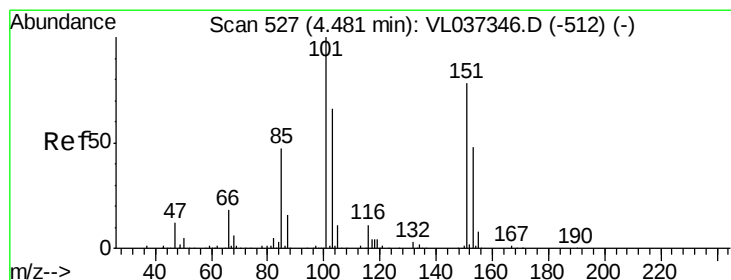
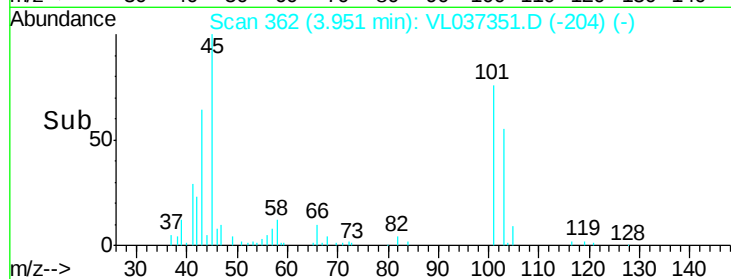
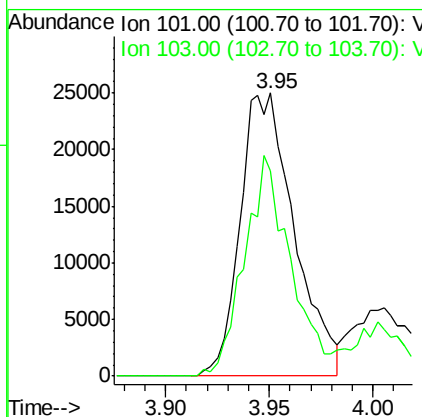
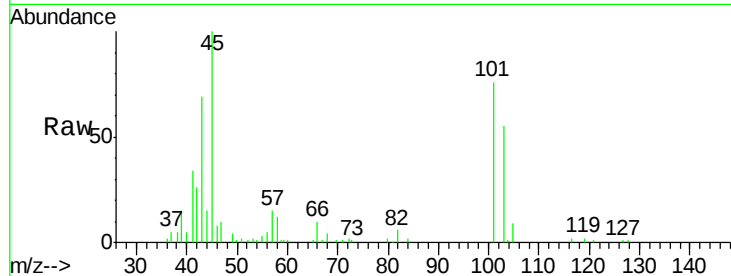
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 Trichlorofluoromethane
 Concen: 0.249 ppbv m
 RT: 3.95 min Scan# 362
 Delta R.T. 0.01 min
 Lab File: VL037351.D
 Acq: 6 Aug 2021 19:59

Instrument :
 MSVOA_L
 ClientSampleId :
 DDC-2-INFLUENT-1

Tot Ion:101 Resp: 45174
 Ion Ratio Lower Upper
 101 100
 103 72.3 52.5 78.7

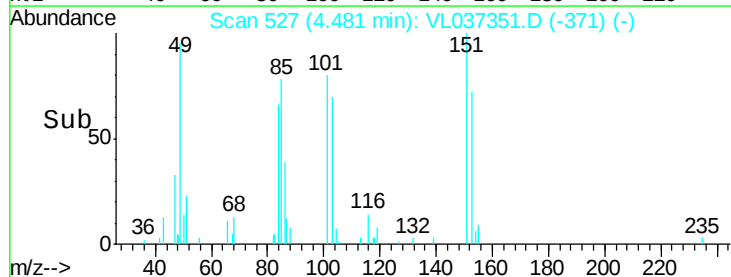
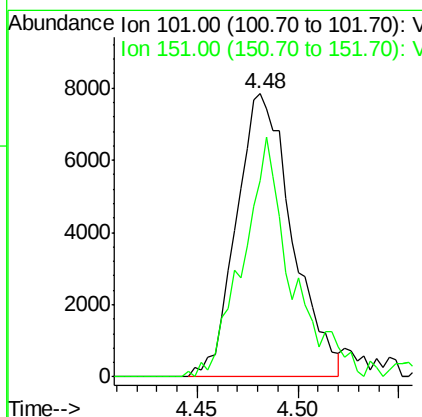
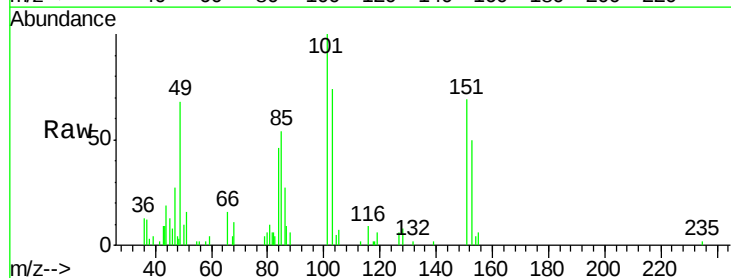
Manual Integrations
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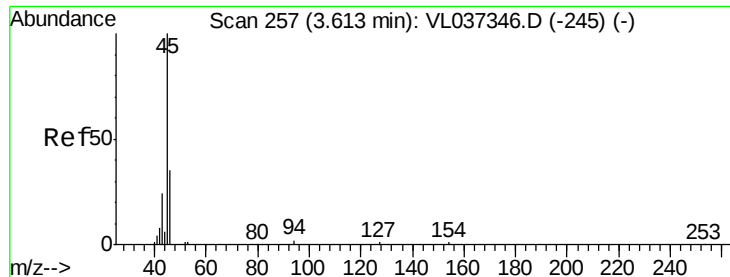
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.112 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VL037351.D
 Acq: 6 Aug 2021 19:59

Tgt Ion:101 Resp: 15126
 Ion Ratio Lower Upper
 101 100
 151 74.8 62.4 93.6





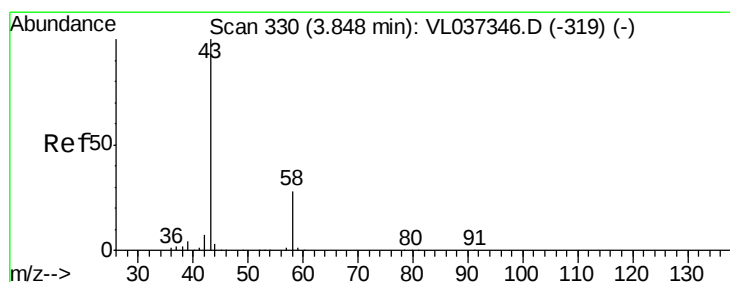
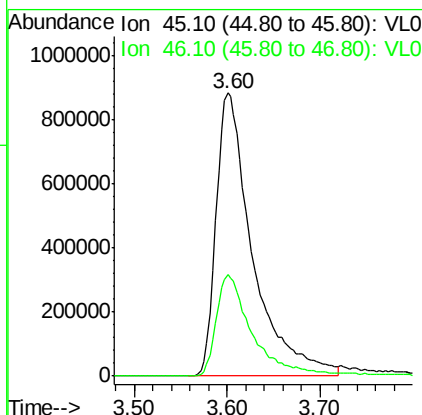
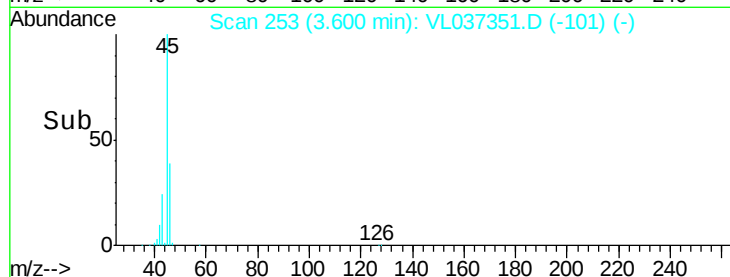
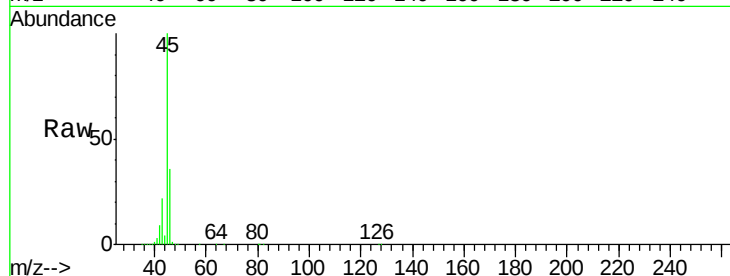
#13
Ethanol
Concen: 209.019 ppbv
RT: 3.60 min Scan# 253
Delta R.T. -0.01 min
Lab File: VL037351.D
Acq: 6 Aug 2021 19:59

Instrument :
MSVOA_L
ClientSampleId :
DDC-2-INFLUENT-1

Tot Ion: 45 Resp: 2412218
Ion Ratio Lower Upper
45 100
46 36.6 15.7 62.9

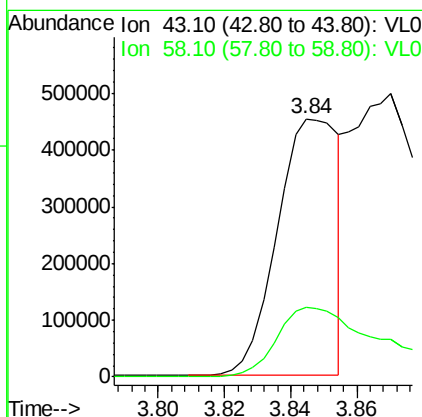
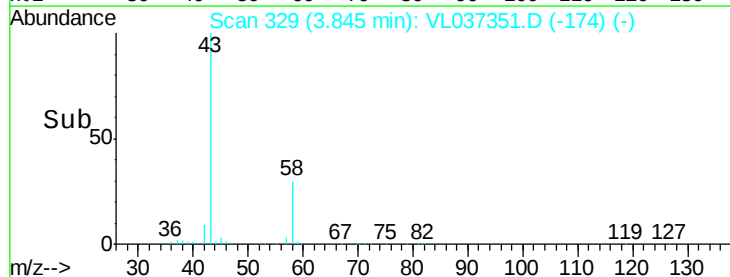
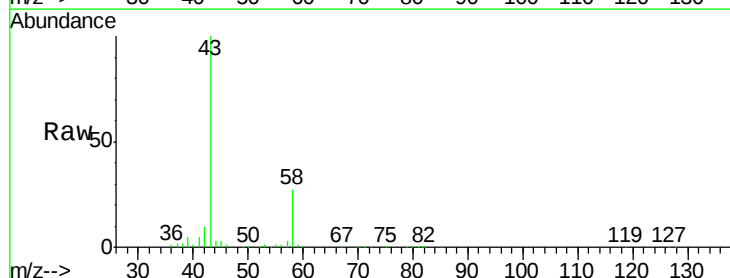
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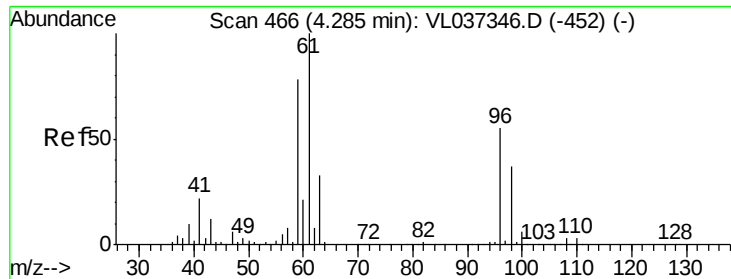
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#15
Acetone
Concen: 5.922 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.00 min
Lab File: VL037351.D
Acq: 6 Aug 2021 19:59

Tgt Ion: 43 Resp: 576927
Ion Ratio Lower Upper
43 100
58 54.4 24.6 36.8#





#17

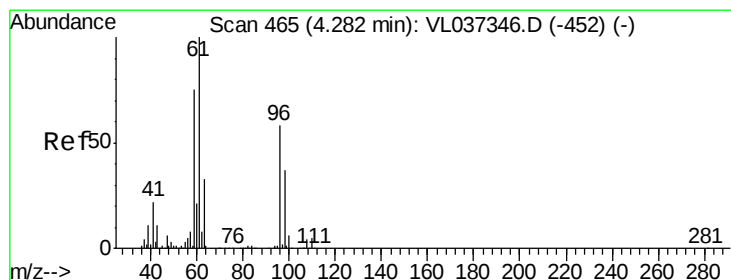
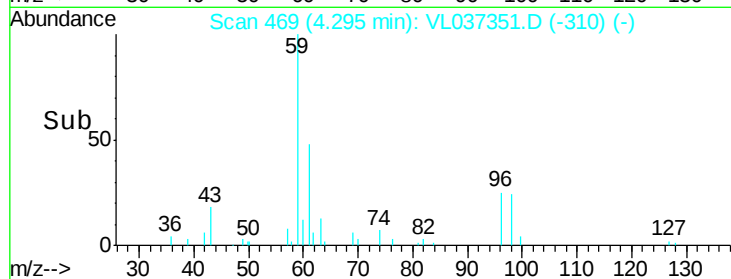
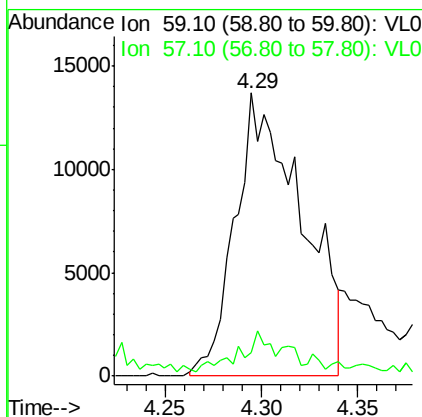
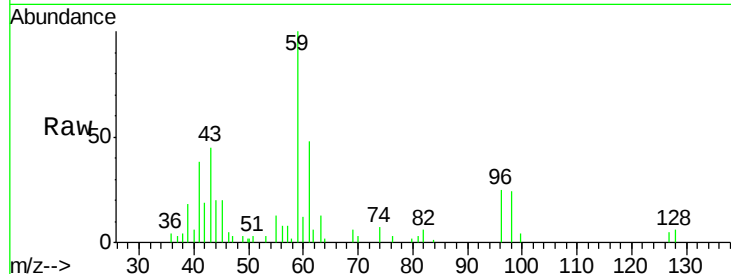
tert-Butyl alcohol
Concen: 0.316 ppbv m
RT: 4.29 min Scan# 469
Delta R.T. 0.01 min
Lab File: VL037351.D
Acq: 6 Aug 2021 19:59

Instrument :
MSVOA_L
ClientSampleId :
DDC-2-INFLUENT-1

Tot Ion: 59 Resp: 32754
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

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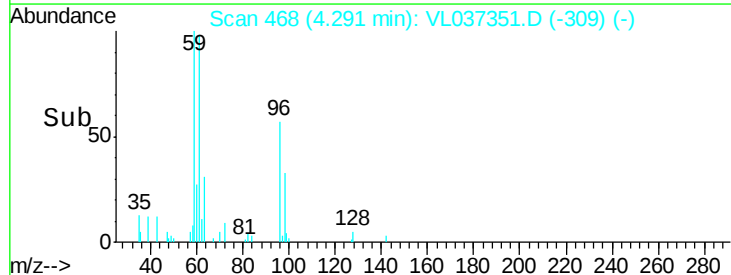
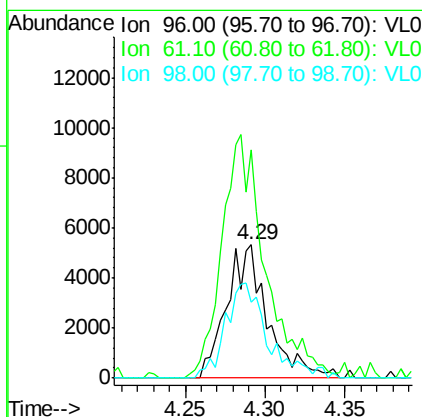
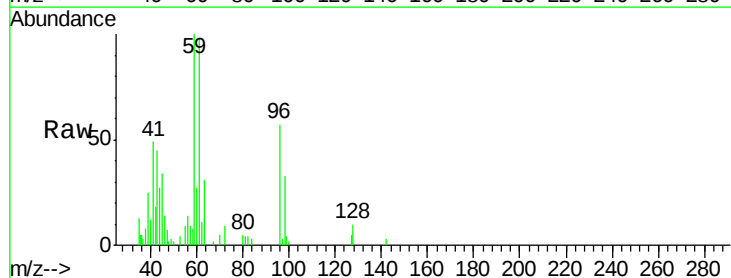
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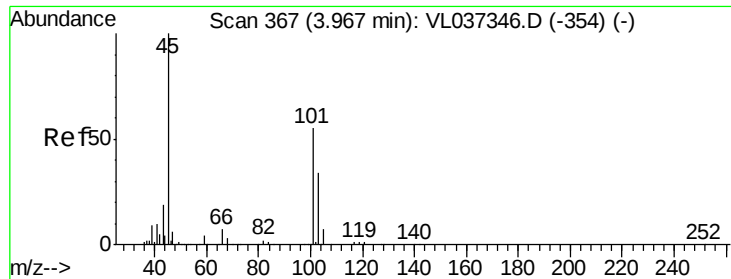


#18

1,1-Dichloroethene
Concen: 0.161 ppbv m
RT: 4.29 min Scan# 468
Delta R.T. 0.01 min
Lab File: VL037351.D
Acq: 6 Aug 2021 19:59

Tgt Ion: 96 Resp: 9479
Ion Ratio Lower Upper
96 100
61 171.9 137.0 205.4
98 57.3 50.4 75.6





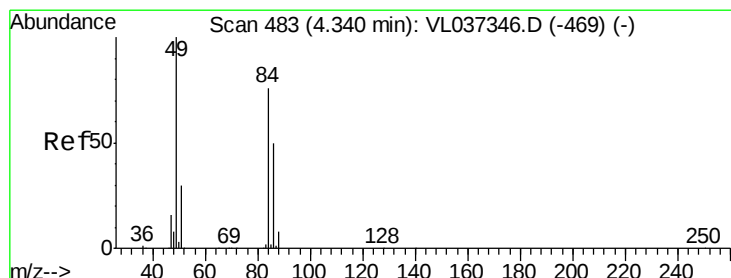
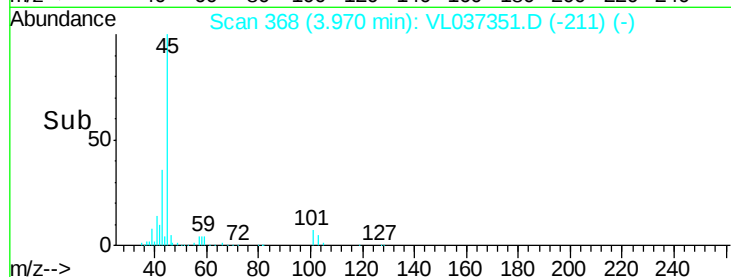
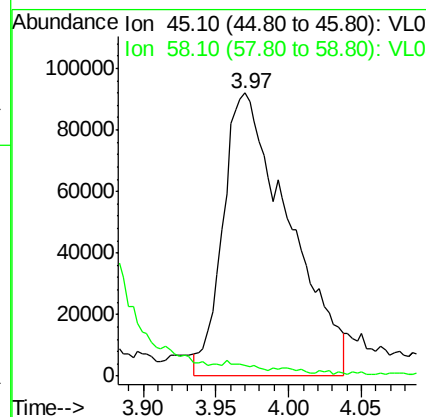
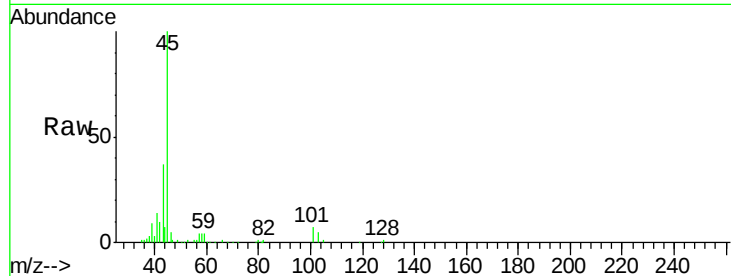
#19
Isopropyl Alcohol
Concen: 4.926 ppbv m
RT: 3.97 min Scan# 368
Delta R.T. 0.00 min
Lab File: VL037351.D
Acq: 6 Aug 2021 19:59

Instrument :
MSVOA_L
ClientSampleId :
DDC-2-INFLUENT-1

Tot Ion: 45 Resp: 290484
Ion Ratio Lower Upper
45 100
58 103.3 1.8 2.8#

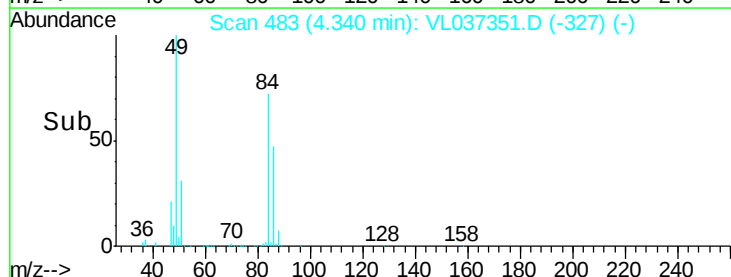
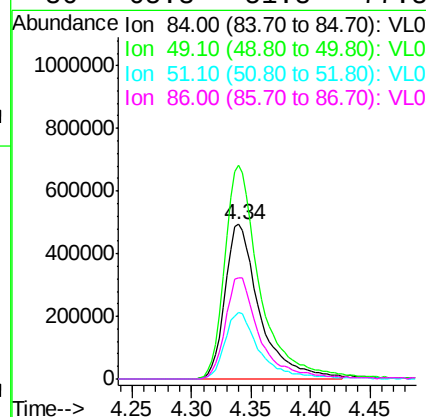
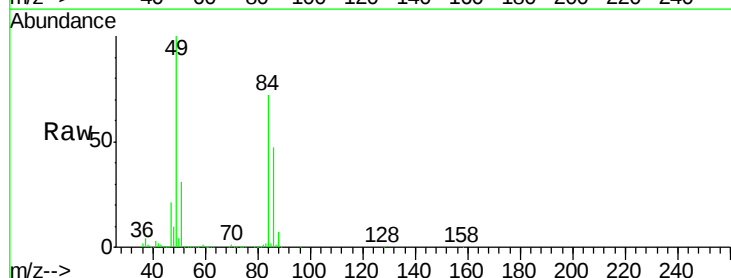
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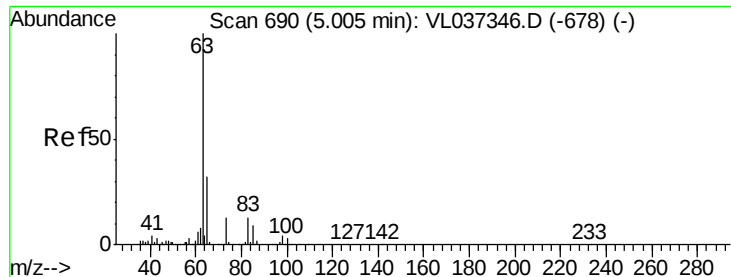
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#20
Methylene Chloride
Concen: 12.248 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.00 min
Lab File: VL037351.D
Acq: 6 Aug 2021 19:59

Tgt Ion: 84 Resp: 999340
Ion Ratio Lower Upper
84 100
49 138.0 107.3 160.9
51 43.2 33.0 49.4
86 65.3 51.8 77.8





#24

1,1-Dichloroethane

Concen: 0.122 ppbv

RT: 5.00 min Scan# 689

Delta R.T. -0.00 min

Lab File: VL037351.D

Acq: 6 Aug 2021 19:59

Instrument :

MSVOA_L

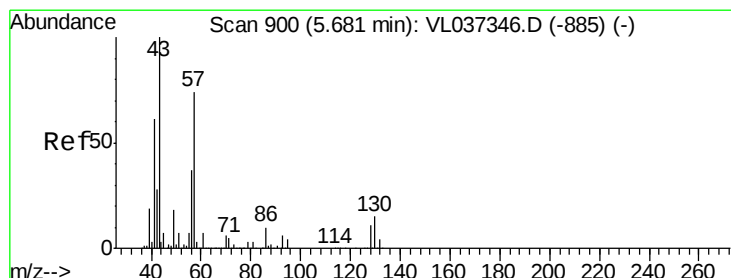
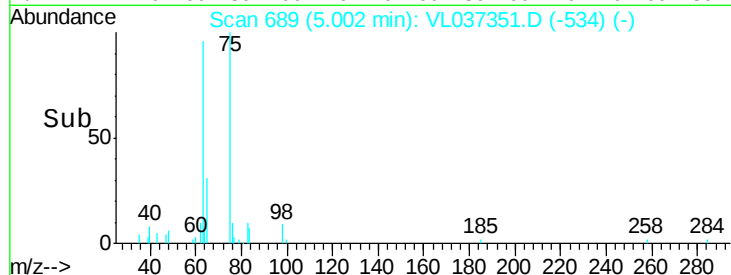
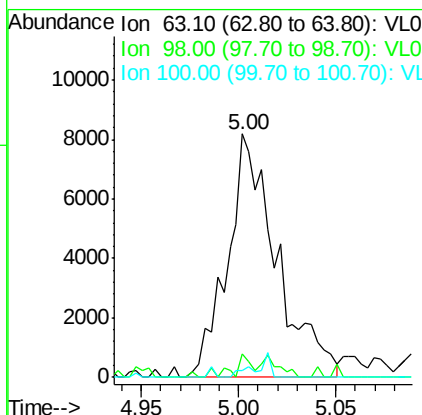
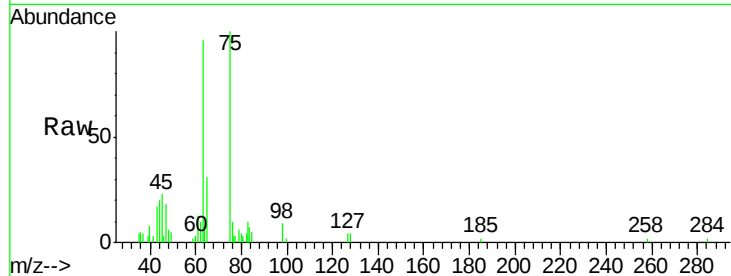
ClientSampleId :

DDC-2-INFLUENT-1

Tot Ion:	63	Resp:	14220
Ion Ratio	Lower	Upper	
63	100		
98	9.8	2.3	6.8#
100	2.6	1.4	4.0

Manual Integrations
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#26

Hexane

Concen: 5.146 ppbv

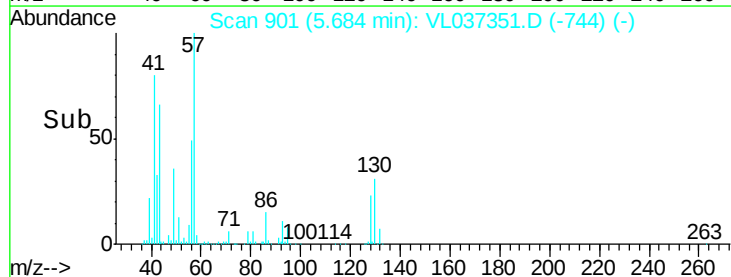
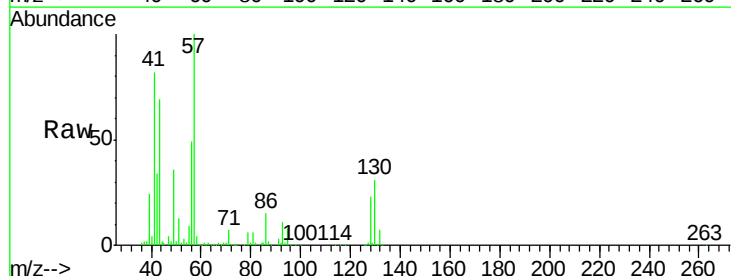
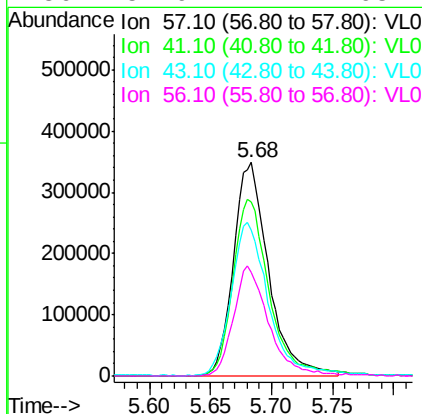
RT: 5.68 min Scan# 901

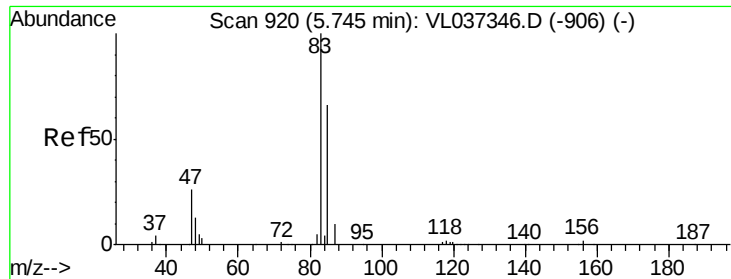
Delta R.T. 0.00 min

Lab File: VL037351.D

Acq: 6 Aug 2021 19:59

Tgt Ion:	57	Resp:	700666
Ion Ratio	Lower	Upper	
57	100		
41	85.3	69.2	103.8
43	76.3	162.1	243.1#
56	51.9	42.2	63.4





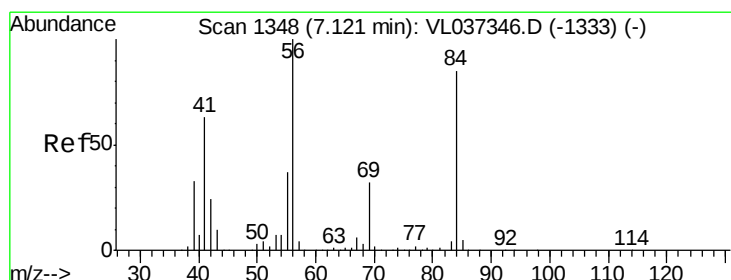
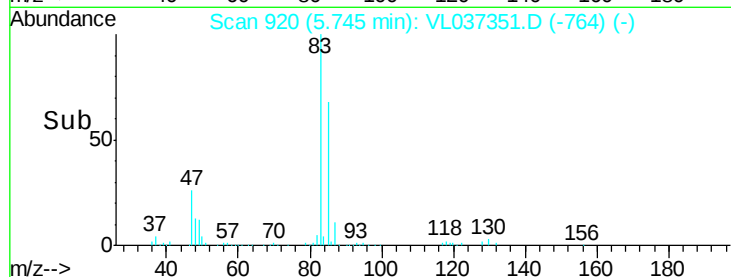
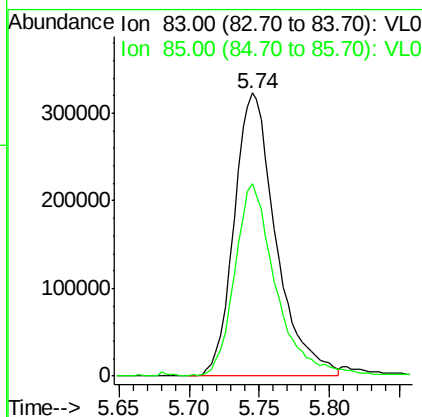
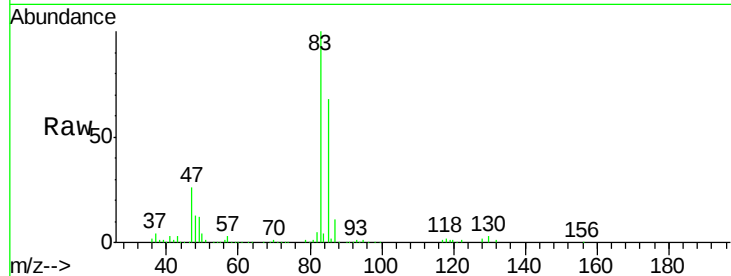
#29
Chloroform
Concen: 3.679 ppbv
RT: 5.74 min Scan# 920
Delta R.T. 0.00 min
Lab File: VL037351.D
Acq: 6 Aug 2021 19:59

Instrument :
MSVOA_L
ClientSampleId :
DDC-2-INFLUENT-1

Tot Ion: 83 Resp: 672063
Ion Ratio Lower Upper
83 100
85 67.8 53.1 79.7

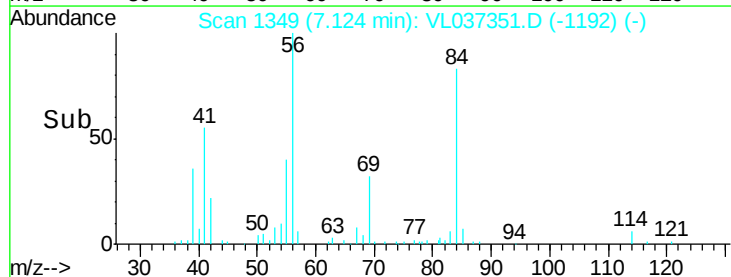
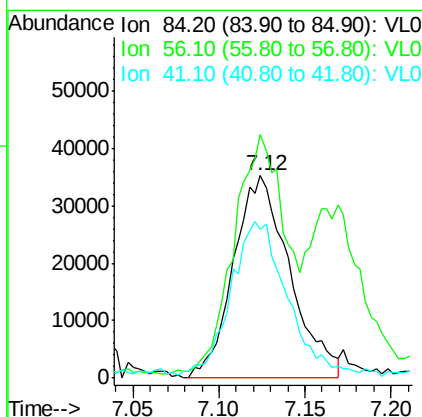
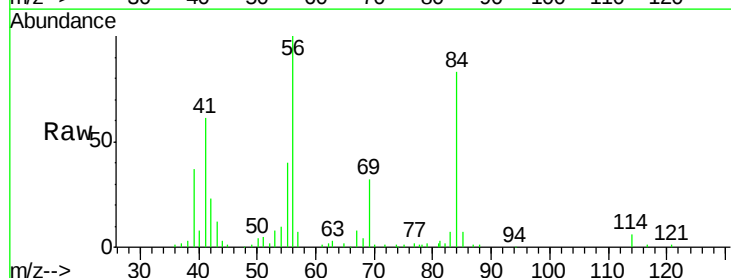
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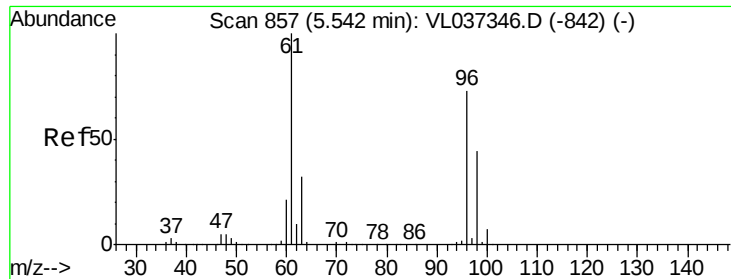
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#30
Cyclohexane
Concen: 0.753 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. 0.00 min
Lab File: VL037351.D
Acq: 6 Aug 2021 19:59

Tgt Ion: 84 Resp: 79985
Ion Ratio Lower Upper
84 100
56 107.9 103.5 155.3
41 79.4 61.4 92.2





#31

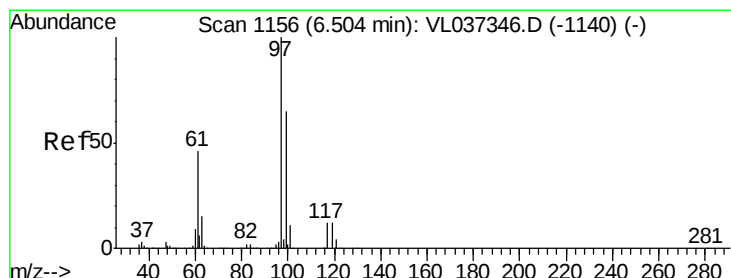
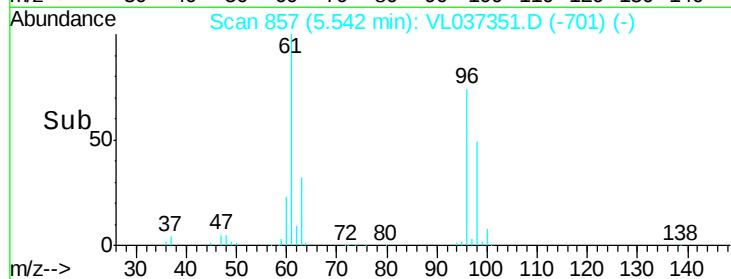
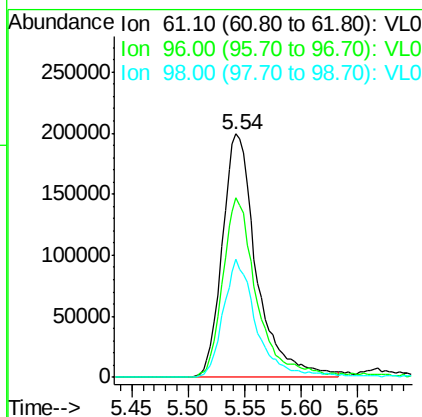
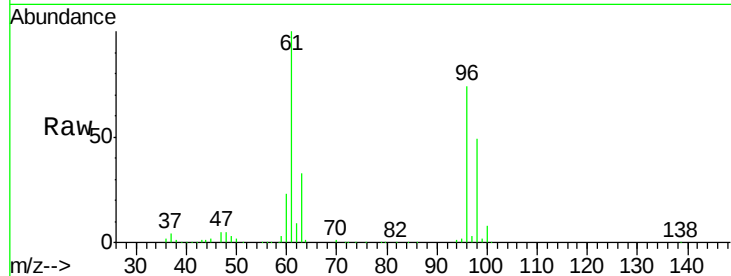
cis-1,2-Dichloroethene
Concen: 3.926 ppbv
RT: 5.54 min Scan# 857
Delta R.T. 0.00 min
Lab File: VL037351.D
Acq: 6 Aug 2021 19:59

Instrument :
MSVOA_L
ClientSampleId :
DDC-2-INFLUENT-1

Tot Ion	Ratio	Resp	Lower	Upper
61	100	421984		
96	74.0		58.5	87.7
98	48.7		35.1	52.7

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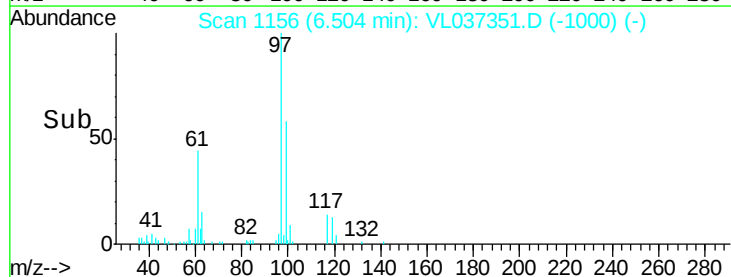
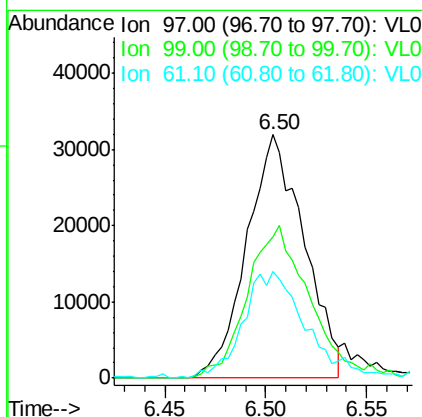
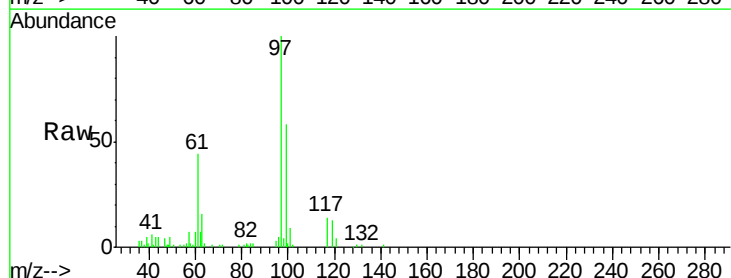
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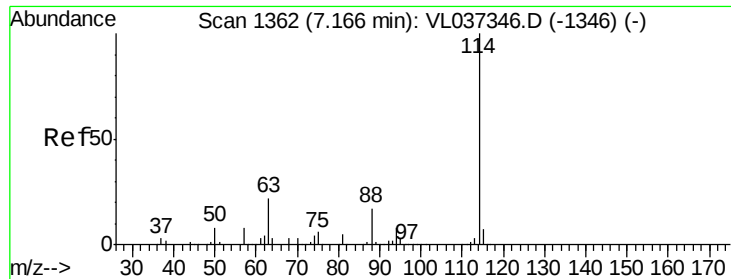


#32

1,1,1-Trichloroethane
Concen: 0.327 ppbv
RT: 6.50 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VL037351.D
Acq: 6 Aug 2021 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	63356		
99	69.3		51.8	77.6
61	48.9		37.0	55.6





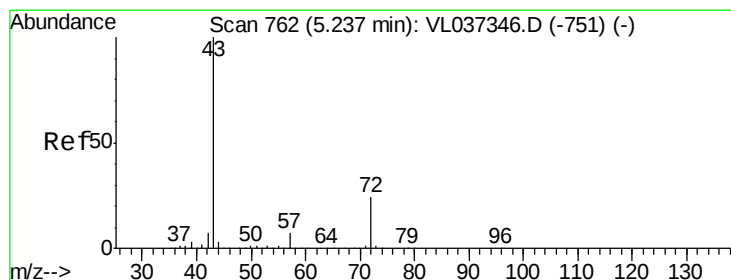
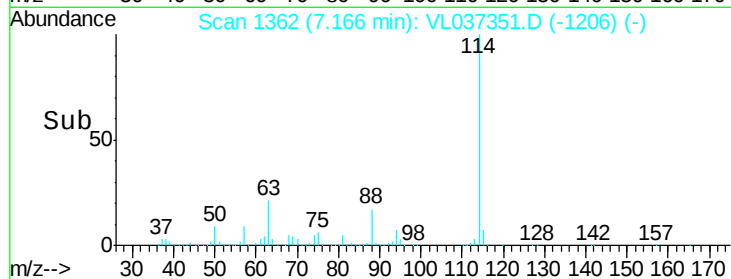
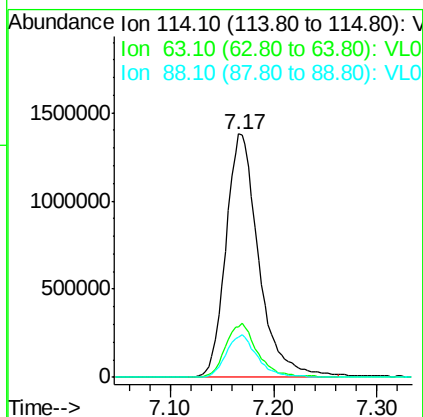
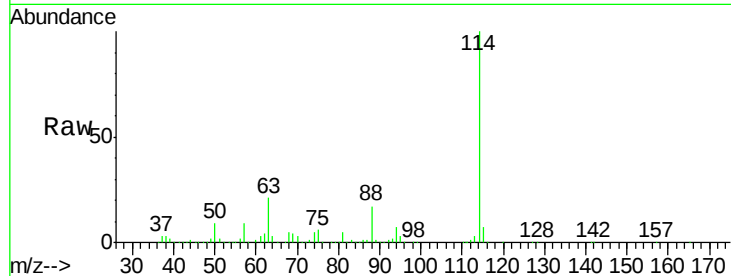
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VL037351.D
 Acq: 6 Aug 2021 19:59

Instrument :
 MSVOA_L
 ClientSampleId :
 DDC-2-INFLUENT-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	17.8	26.6
88	16.9	13.5	20.3

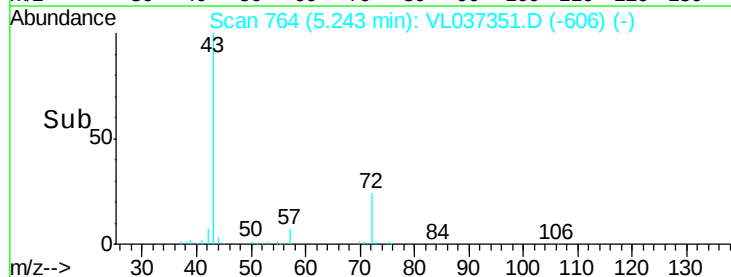
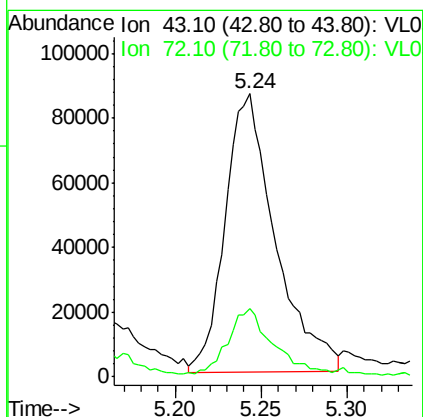
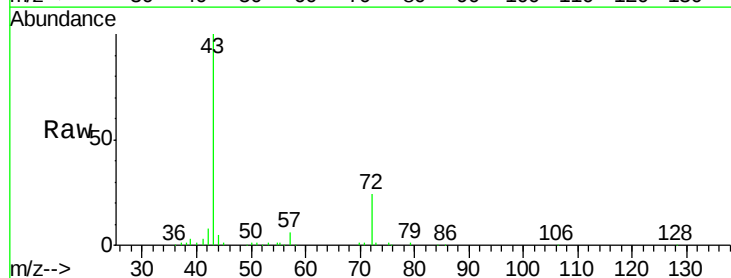
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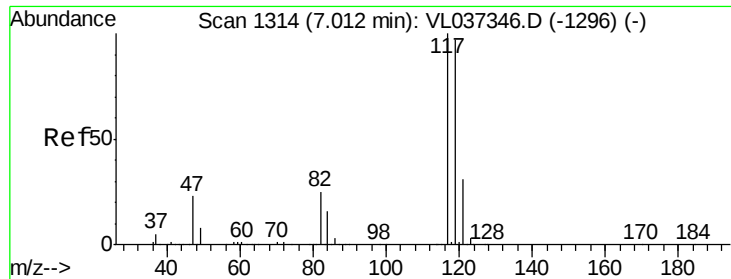
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#34
 2-Butanone
 Concen: 1.701 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: VL037351.D
 Acq: 6 Aug 2021 19:59

Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.9	19.8	29.6





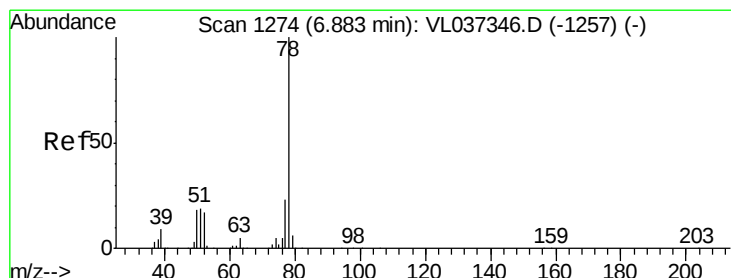
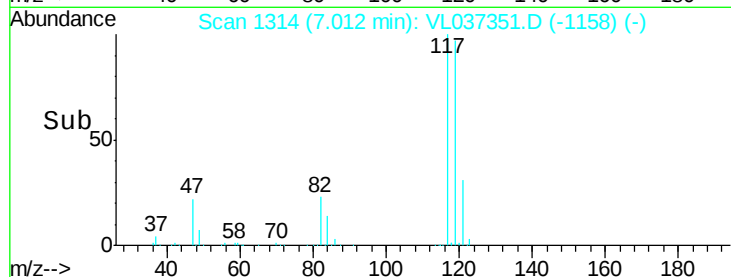
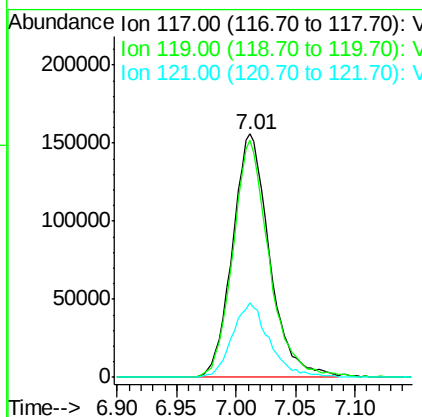
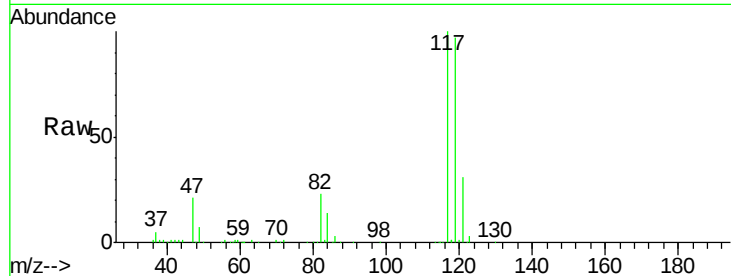
#35
Carbon Tetrachloride
Concen: 1.755 ppbv
RT: 7.01 min Scan# 1314
Delta R.T. 0.00 min
Lab File: VL037351.D
Acq: 6 Aug 2021 19:59

Instrument :
MSVOA_L
ClientSampleId :
DDC-2-INFLUENT-1

Tot Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.8	116.8
121	30.5	24.6	36.8

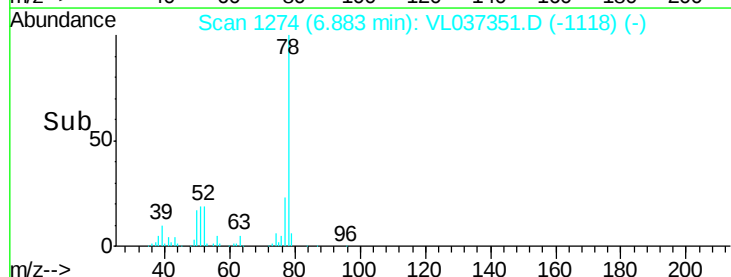
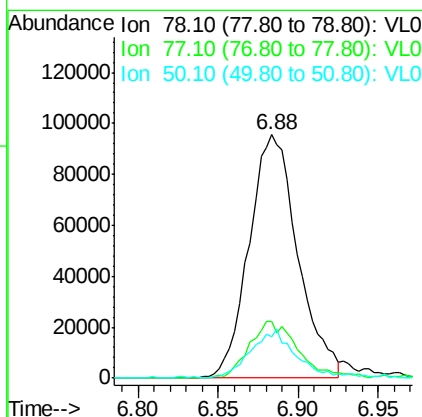
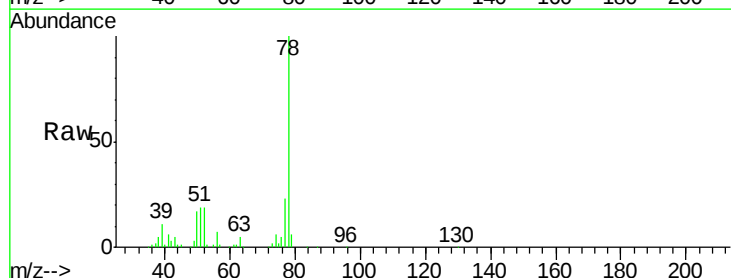
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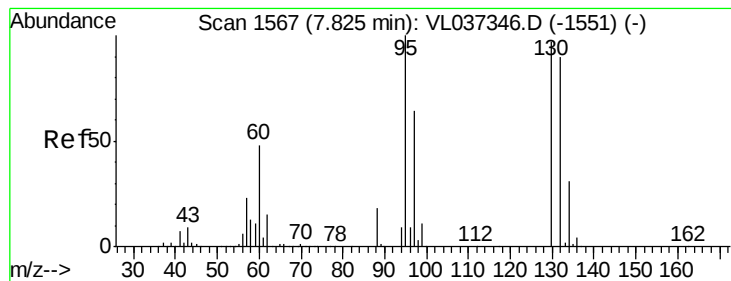
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#36
Benzene
Concen: 0.853 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VL037351.D
Acq: 6 Aug 2021 19:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.7	28.1
50	16.8	14.6	22.0





#38

Trichloroethene

Concen: 0.945 ppbv

RT: 7.83 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VL037351.D

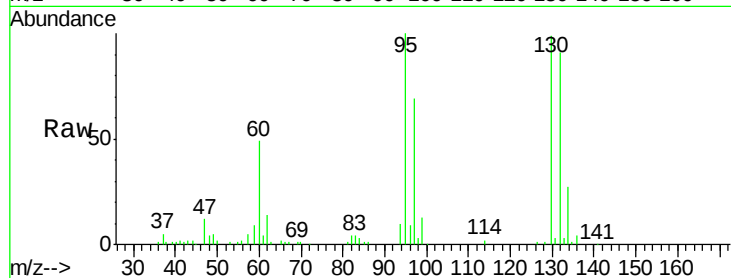
Acq: 6 Aug 2021 19:59

Instrument :

MSVOA_L

ClientSampleId :

DDC-2-INFLUENT-1



Tot Ion:130 Resp: 108734

Ion Ratio Lower Upper

130 100

95 101.3 82.8 124.2

132 92.6 74.9 112.3

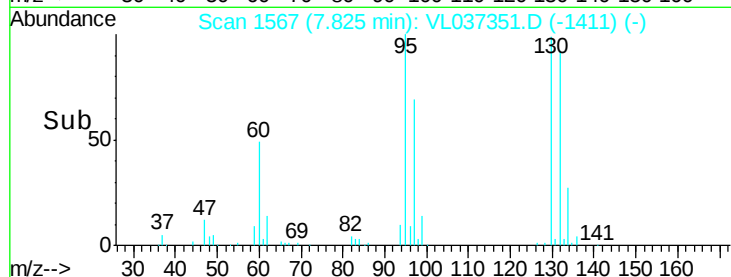
97 69.8 52.8 79.2

Manual Integrations

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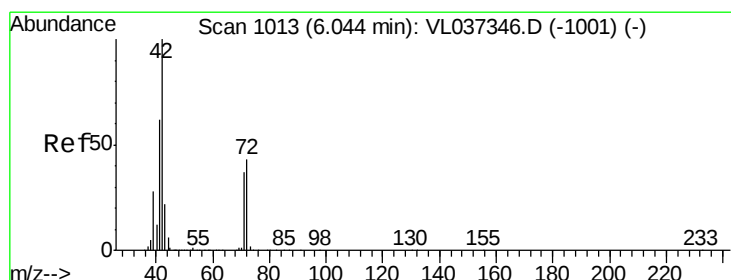
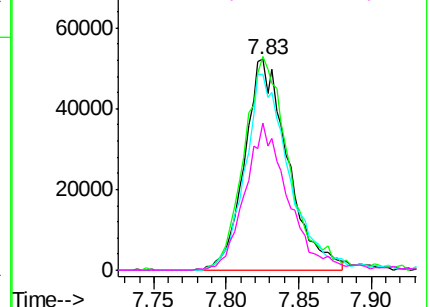


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#41

Tetrahydrofuran

Concen: 0.492 ppbv

RT: 6.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VL037351.D

Acq: 6 Aug 2021 19:59

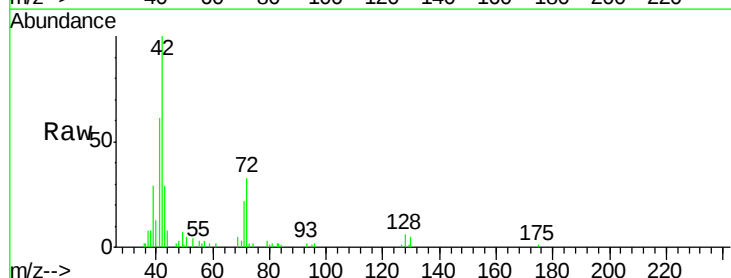
Tgt Ion: 42 Resp: 24914

Ion Ratio Lower Upper

42 100

72 49.0 35.6 53.4

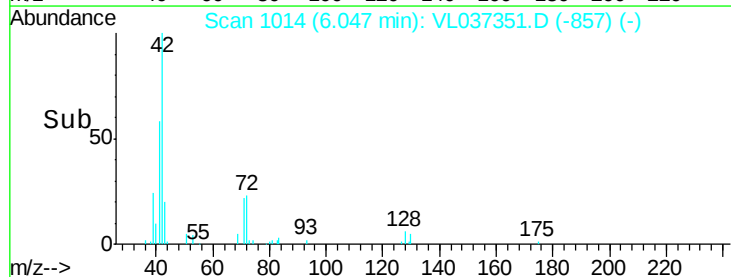
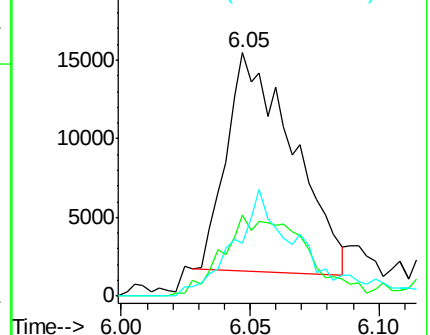
71 50.4 33.8 50.6

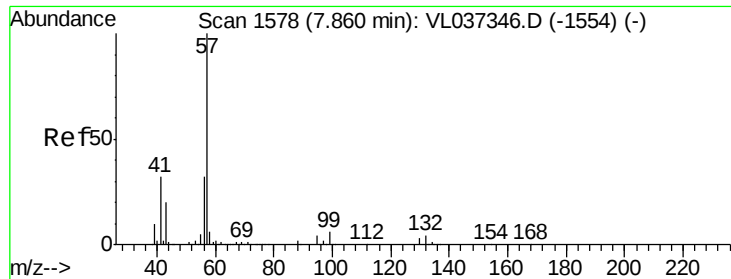


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0





#44

2,2,4-Trimethylpentane

Concen: 0.276 ppbv

RT: 7.86 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VL037351.D

Acq: 6 Aug 2021 19:59

Instrument :

MSVOA_L

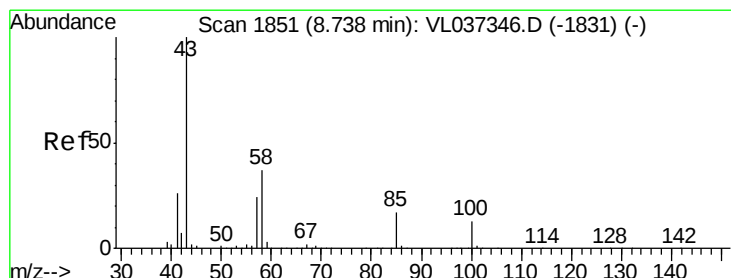
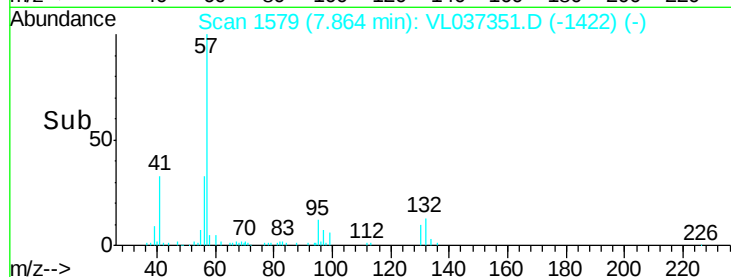
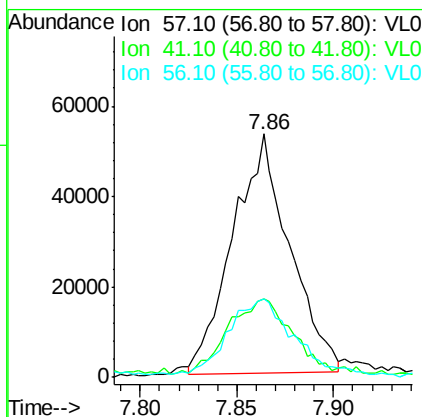
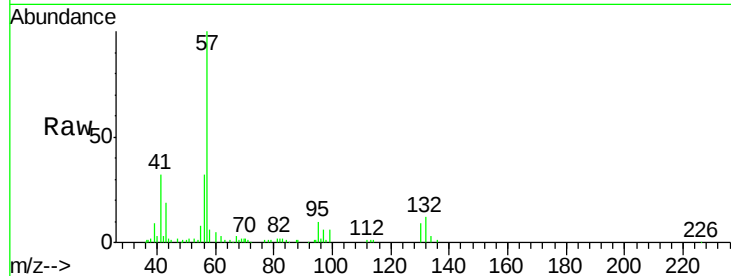
ClientSampleId :

DDC-2-INFLUENT-1

Tot Ion:	57	Resp:	108556
Ion	Ratio	Lower	Upper
57	100		
41	37.4	26.1	39.1
56	40.6	25.0	37.4#

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#50

4-Methyl-2-Pentanone

Concen: 0.176 ppbv m

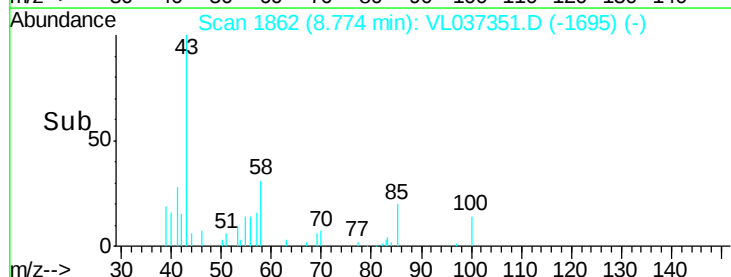
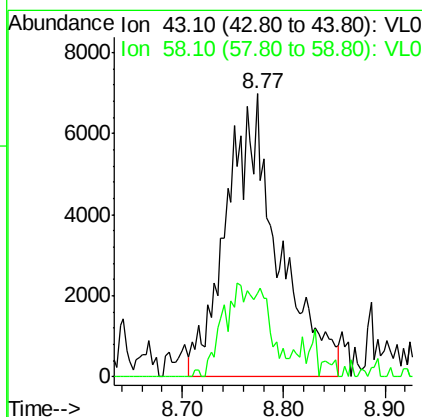
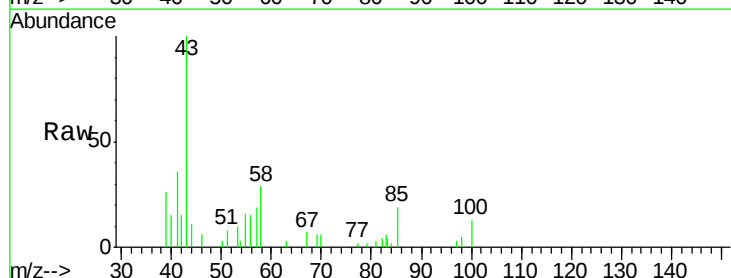
RT: 8.77 min Scan# 1862

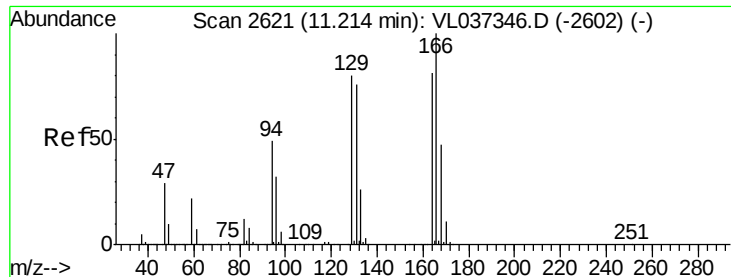
Delta R.T. 0.04 min

Lab File: VL037351.D

Acq: 6 Aug 2021 19:59

Tgt Ion:	43	Resp:	24773
Ion	Ratio	Lower	Upper
43	100		
58	34.4	29.9	44.9





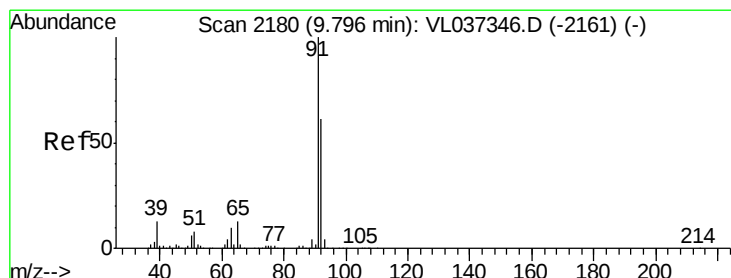
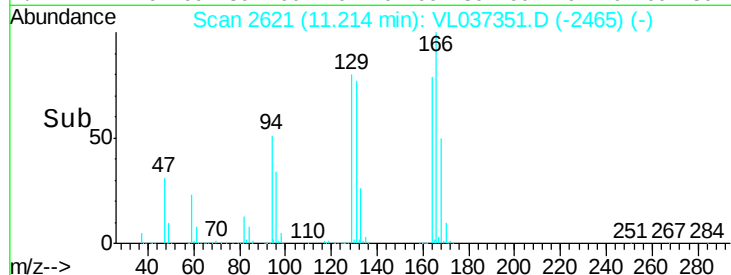
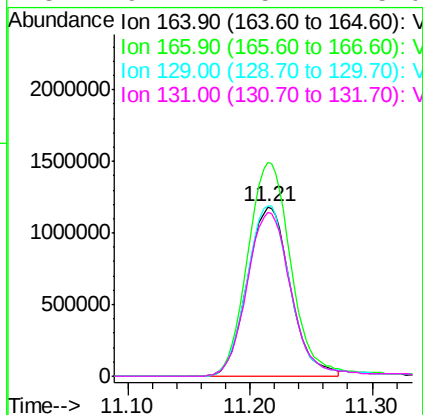
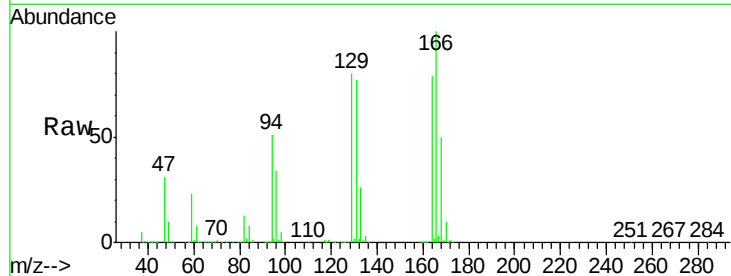
#52
Tetrachloroethene
Concen: 25.735 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. 0.00 min
Lab File: VL037351.D
Acq: 6 Aug 2021 19:59

Instrument :
MSVOA_L
ClientSampleId :
DDC-2-INFLUENT-1

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.2	99.4	149.0
129	100.7	79.2	118.8
131	97.1	75.4	113.0

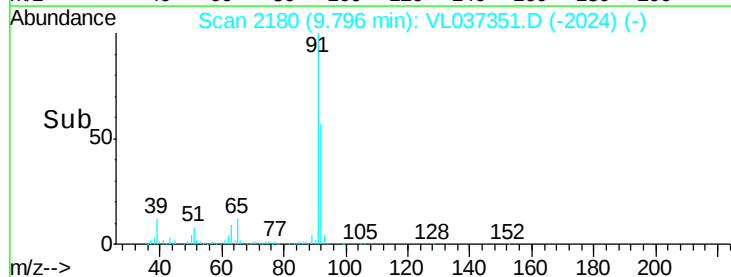
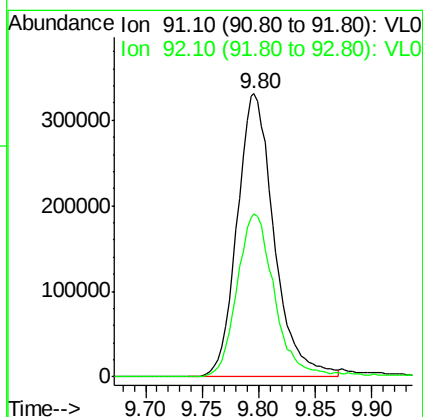
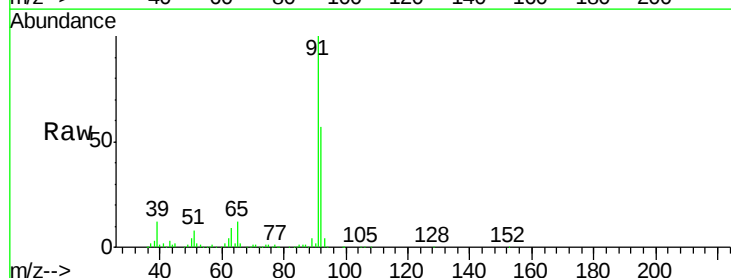
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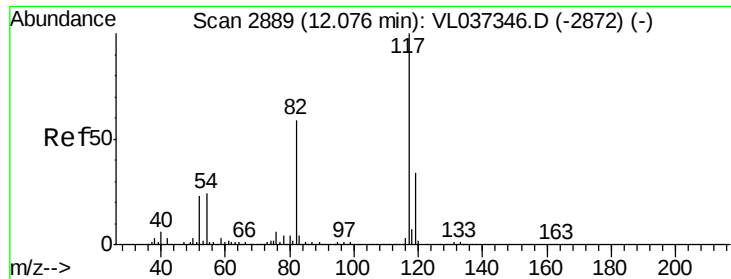
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#53
Toluene
Concen: 2.755 ppbv
RT: 9.80 min Scan# 2180
Delta R.T. 0.00 min
Lab File: VL037351.D
Acq: 6 Aug 2021 19:59

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.4	48.2	72.4





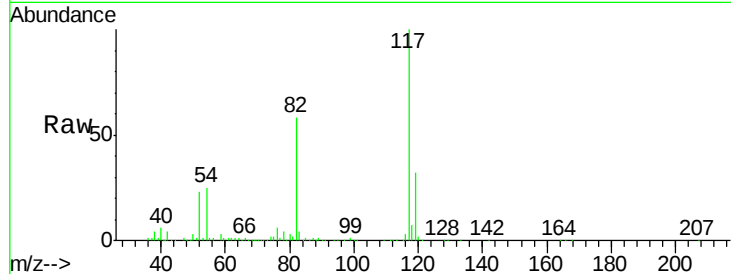
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. 0.00 min
Lab File: VL037351.D
Acq: 6 Aug 2021 19:59

Instrument :
MSVOA_L
ClientSampleId :
DDC-2-INFLUENT-1

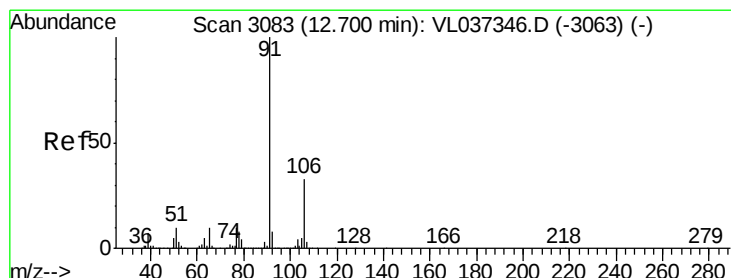
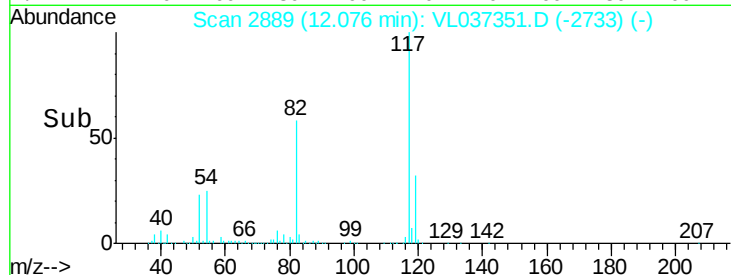
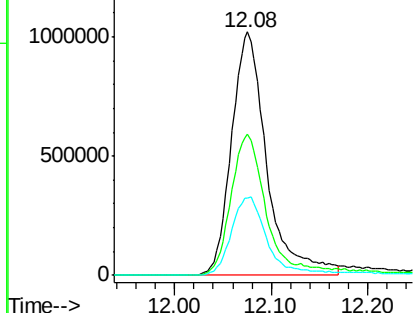
Tot Ion	Ratio	Lower	Upper
117	100		
82	63.3	46.0	69.0
119	35.1	24.4	36.6

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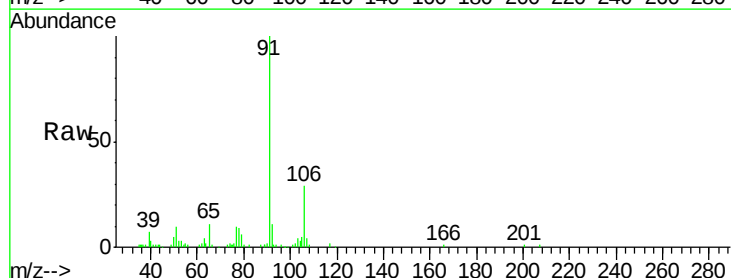


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

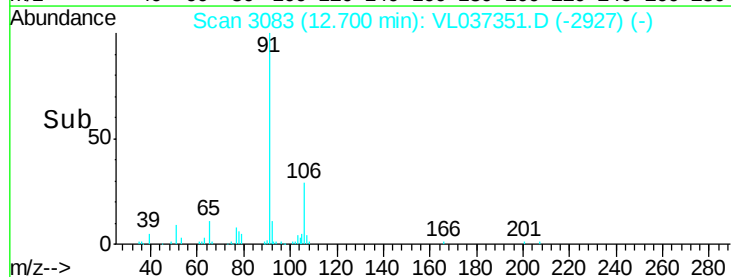
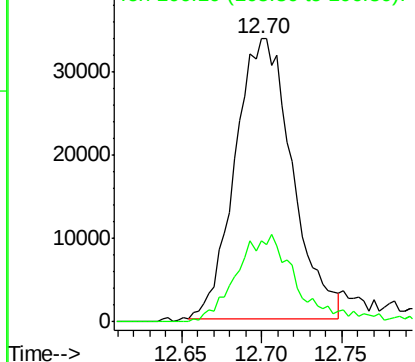


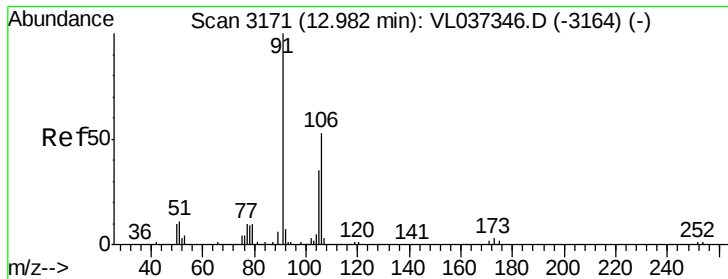
#58
Ethyl Benzene
Concen: 0.244 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. 0.00 min
Lab File: VL037351.D
Acq: 6 Aug 2021 19:59

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.1	26.2	39.2



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 0.741 ppbv m

RT: 12.96 min Scan# 3163

Delta R.T. -0.03 min

Lab File: VL037351.D

Acq: 6 Aug 2021 19:59

Instrument :

MSVOA_L

ClientSampleId :

DDC-2-INFLUENT-1

Tot Ion: 91 Resp: 218664

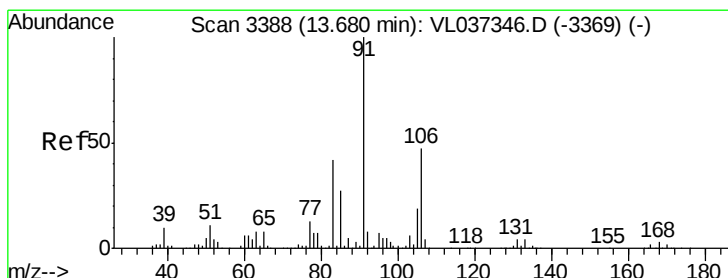
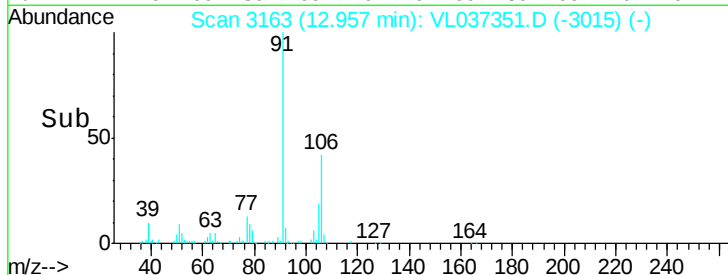
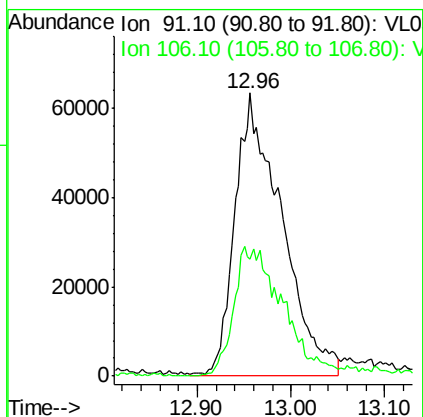
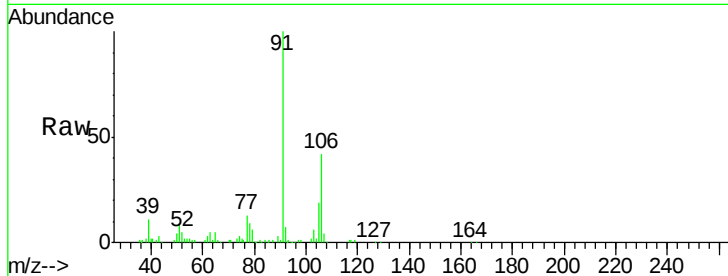
Ion Ratio Lower Upper

91 100

106 0.0 37.0 55.6#

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#60

o-Xylene

Concen: 0.295 ppbv

RT: 13.69 min Scan# 3390

Delta R.T. 0.01 min

Lab File: VL037351.D

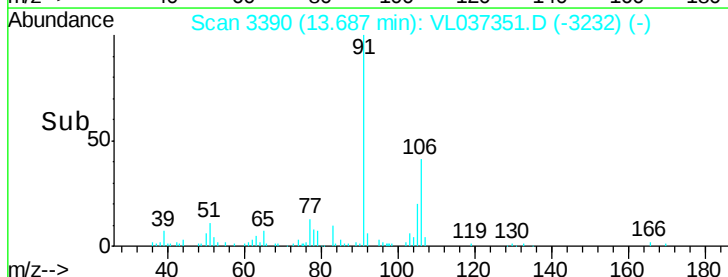
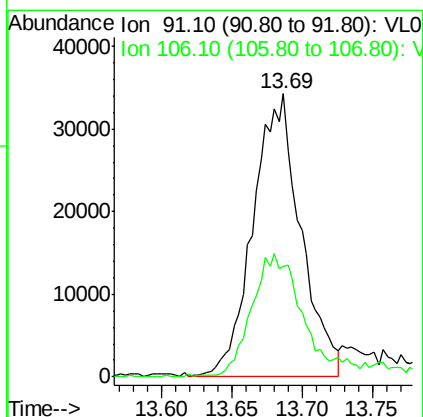
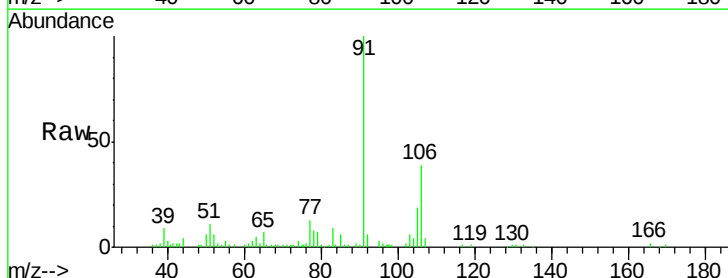
Acq: 6 Aug 2021 19:59

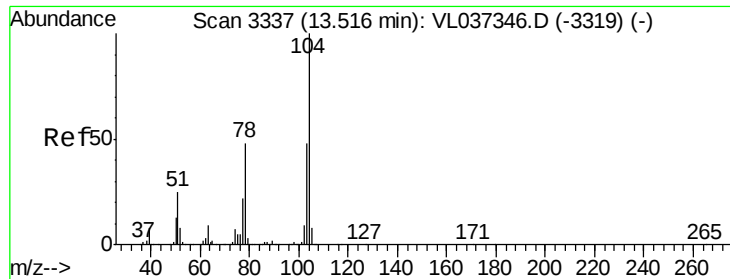
Tgt Ion: 91 Resp: 80759

Ion Ratio Lower Upper

91 100

106 47.9 23.1 69.3





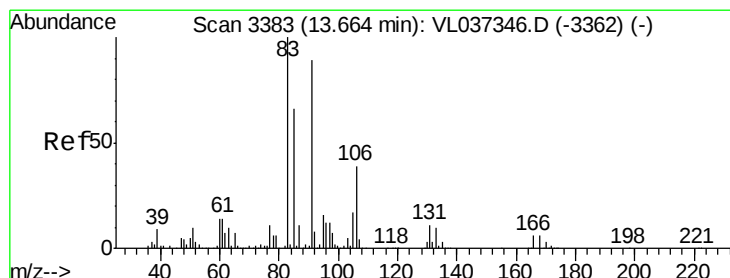
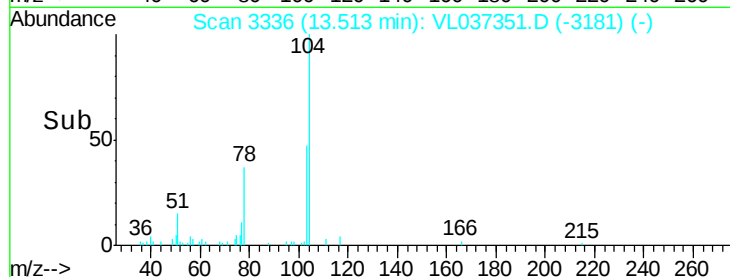
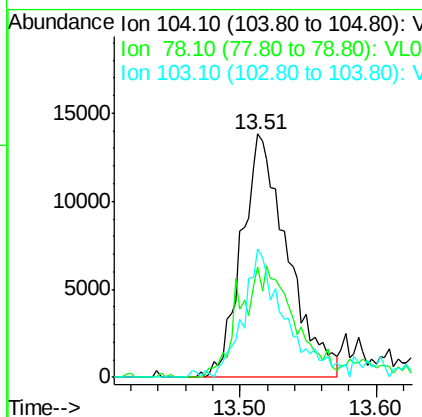
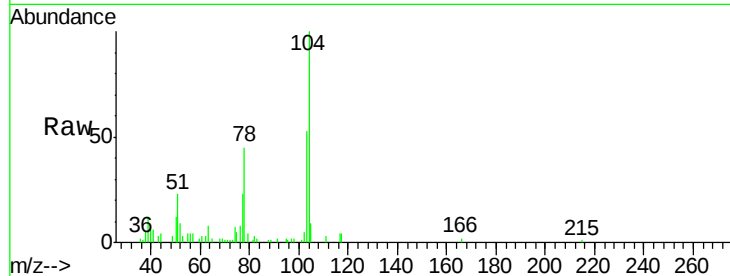
#61
Stvrene
Concen: 0.229 ppbv m
RT: 13.51 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VL037351.D
Acq: 6 Aug 2021 19:59

Instrument :
MSVOA_L
ClientSampleId :
DDC-2-INFLUENT-1

Tot Ion	Ratio	Lower	Upper
104	100		
78	60.2	38.2	57.4#
103	48.3	38.3	57.5

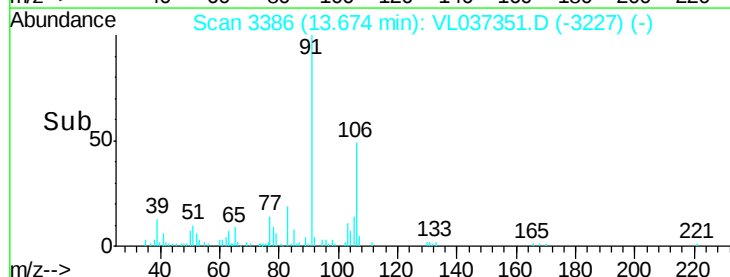
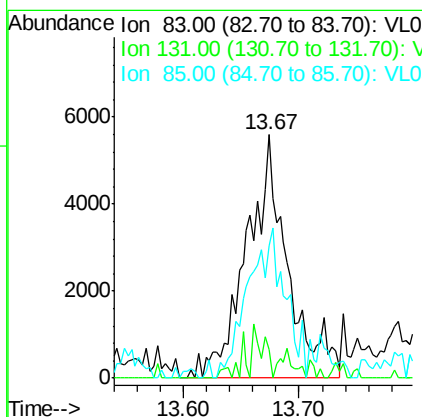
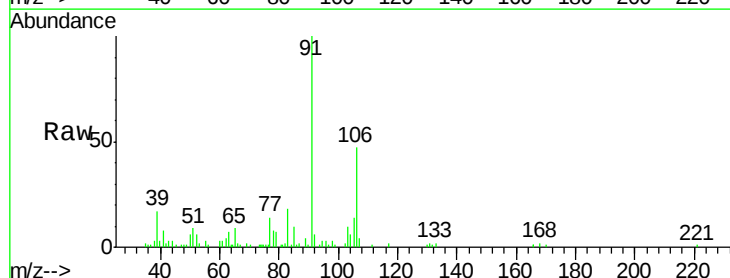
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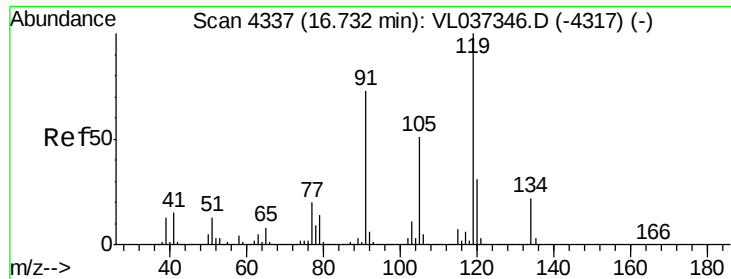
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#63
1,1,2,2-Tetrachloroethane
Concen: 0.065 ppbv m
RT: 13.67 min Scan# 3386
Delta R.T. 0.01 min
Lab File: VL037351.D
Acq: 6 Aug 2021 19:59

Tgt Ion	Ratio	Lower	Upper
83	100		
131	14.2	5.3	16.1
85	0.0	33.1	99.2#





#65

tert-Butylbenzene

Concen: 0.101 ppbv m

RT: 16.73 min Scan# 4338

Delta R.T. 0.00 min

Lab File: VL037351.D

Acq: 6 Aug 2021 19:59

Instrument :

MSVOA_L

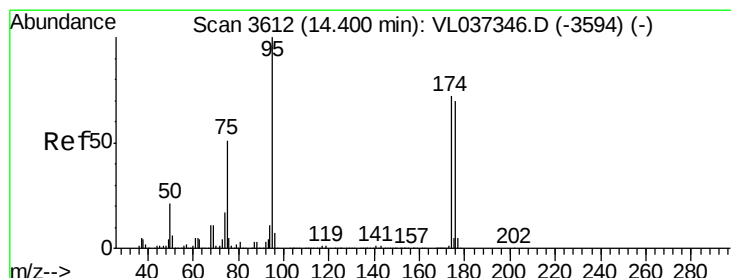
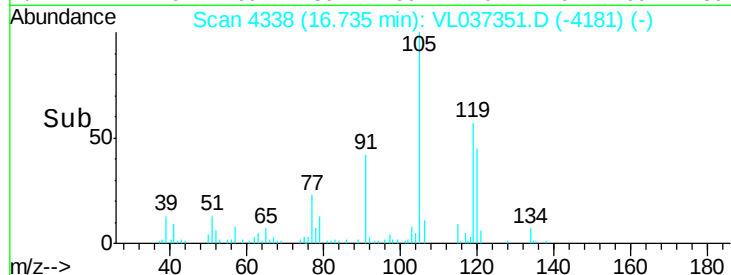
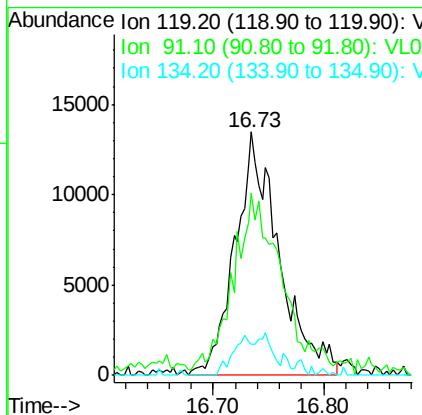
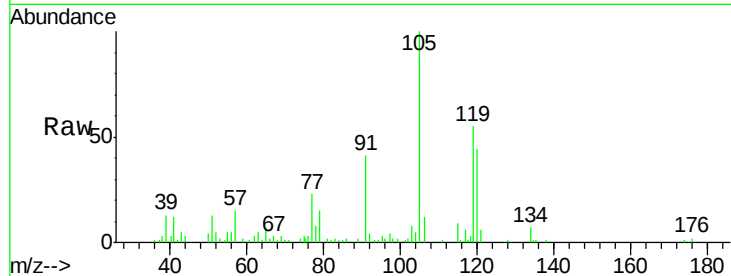
ClientSampleId :

DDC-2-INFLUENT-1

Tot Ion	Ratio	Lower	Upper
119	100		
91	86.0	59.6	89.4
134	0.0	16.6	24.8

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.279 ppbv

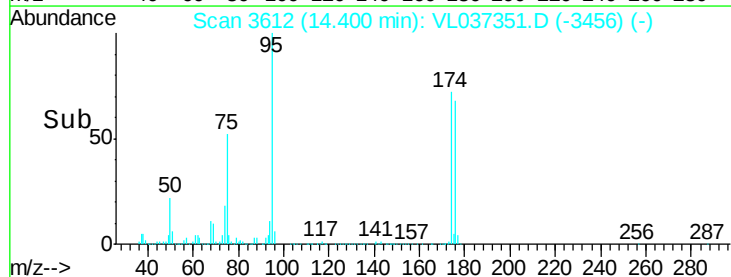
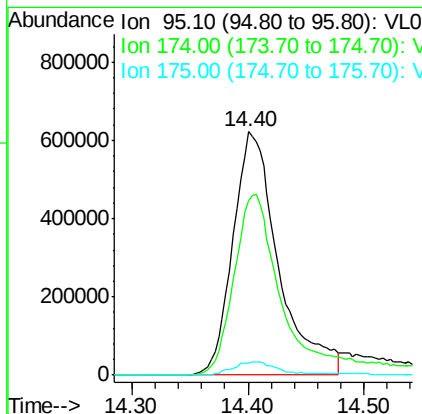
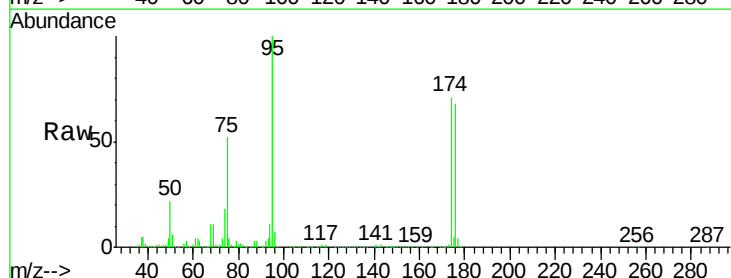
RT: 14.40 min Scan# 3612

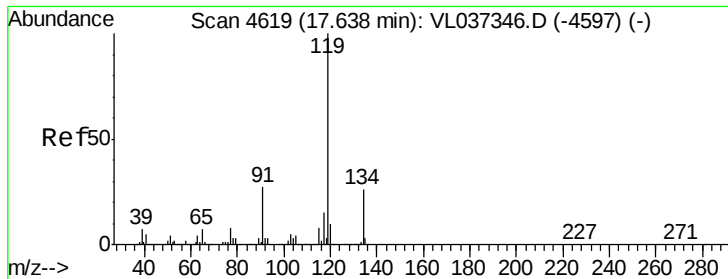
Delta R.T. 0.00 min

Lab File: VL037351.D

Acq: 6 Aug 2021 19:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.4	60.8	91.2
175	6.1	4.3	6.5





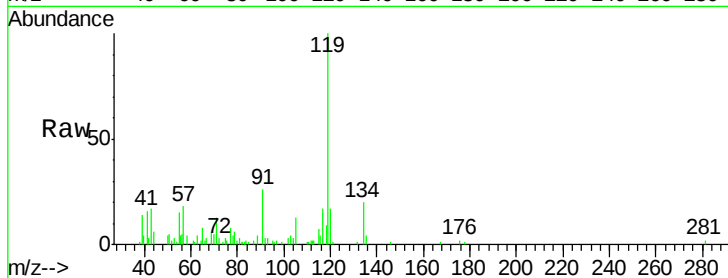
#69
 p-Isopropyltoluene
 Concen: 0.113 ppbv
 RT: 17.64 min Scan# 4619
 Delta R.T. 0.00 min
 Lab File: VL037351.D
 Acq: 6 Aug 2021 19:59

Instrument :
 MSVOA_L
 ClientSampleId :
 DDC-2-INFLUENT-1

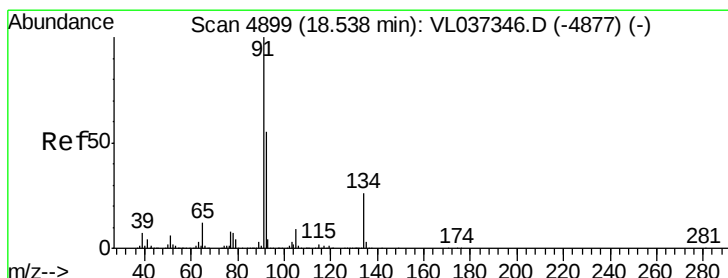
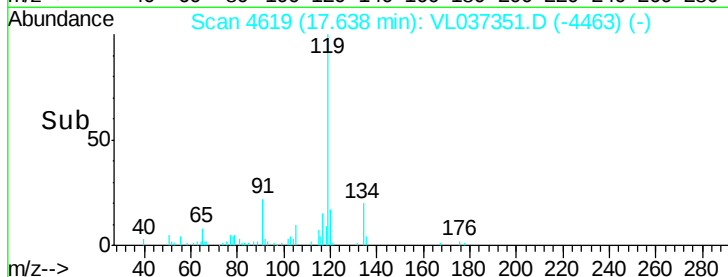
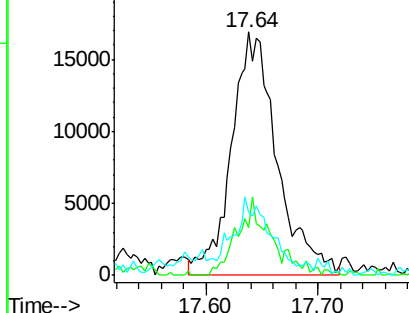
Tot Ion	Ratio	Resp	Lower	Upper
119	100	47827		
134	0.0	20.8	31.2#	
91	30.2	21.0	31.6	

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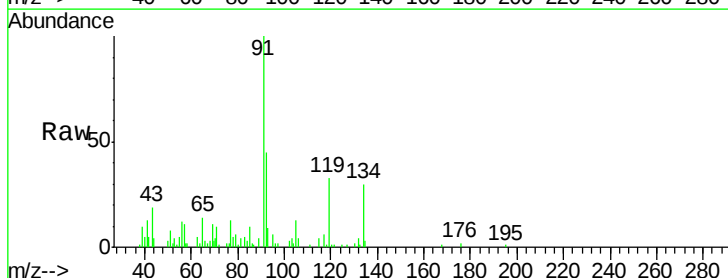


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

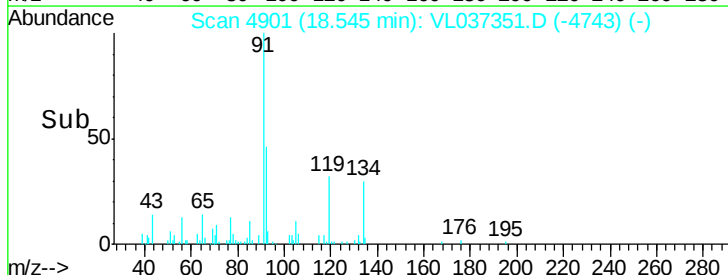
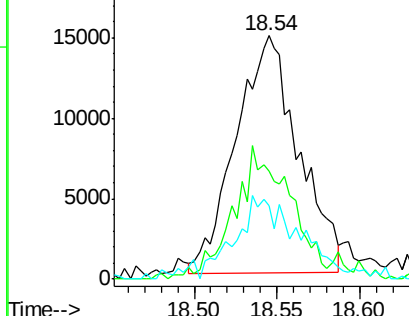


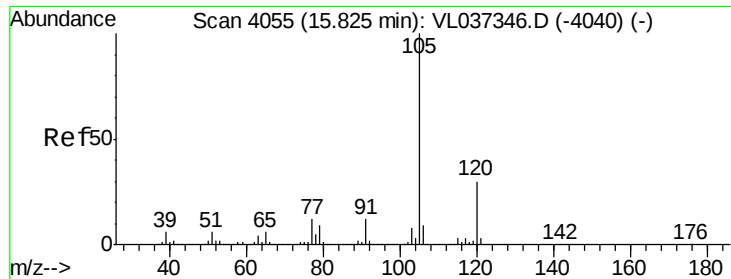
#70
 n-Butylbenzene
 Concen: 0.103 ppbv
 RT: 18.54 min Scan# 4901
 Delta R.T. 0.01 min
 Lab File: VL037351.D
 Acq: 6 Aug 2021 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	38844		
92	53.8	43.5	65.3	
134	39.0	20.4	30.6#	



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V





#72

4-Ethyltoluene

Concen: 0.135 ppbv

RT: 15.83 min Scan# 4057

Delta R.T. 0.01 min

Lab File: VL037351.D

Acq: 6 Aug 2021 19:59

Instrument :

MSVOA_L

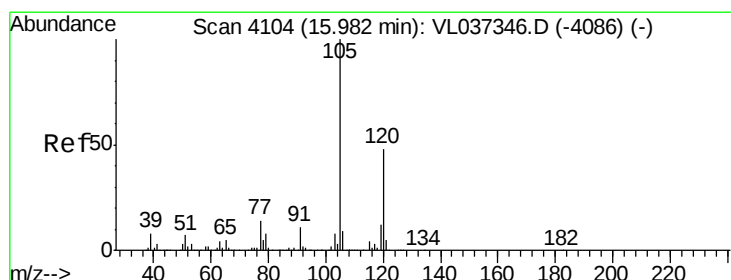
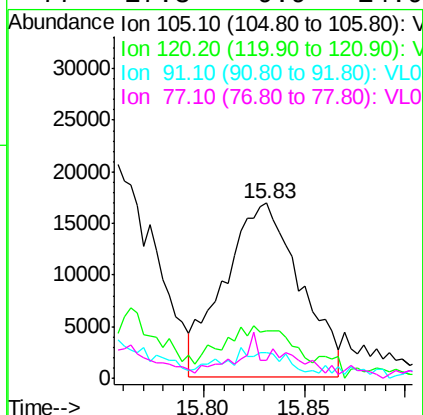
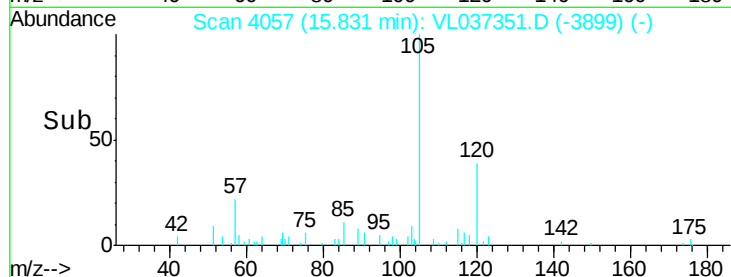
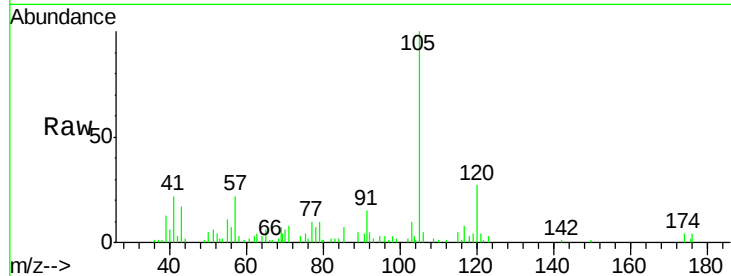
ClientSampleId :

DDC-2-INFLUENT-1

Tot Ion:	105	Resp:	43818
Ion Ratio	Lower	Upper	
105	100		
120	36.4	24.4	36.6
91	13.2	9.8	14.6
77	17.3	9.9	14.9#

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#73

1,3,5-Trimethylbenzene

Concen: 0.154 ppbv m

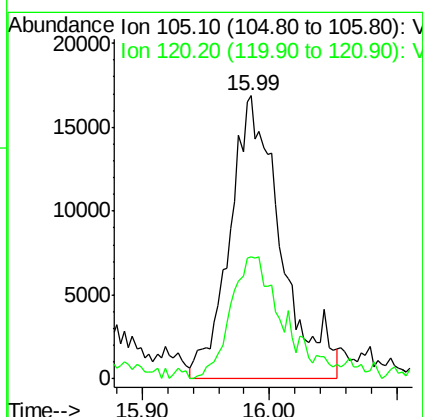
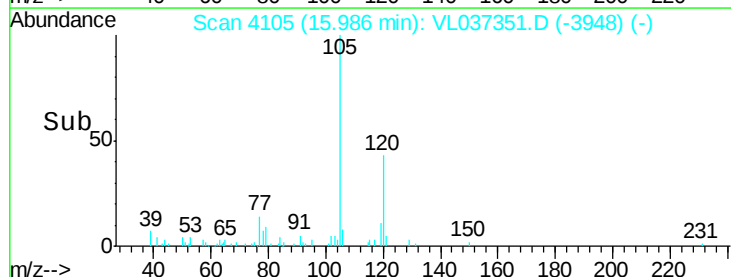
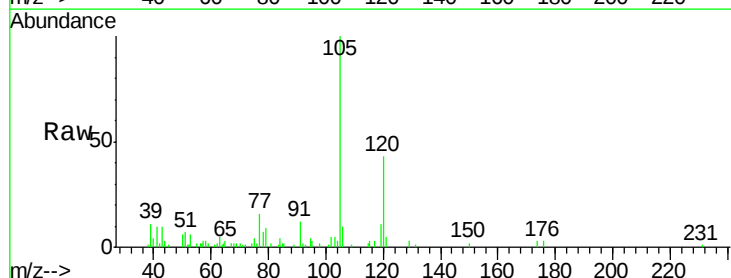
RT: 15.99 min Scan# 4105

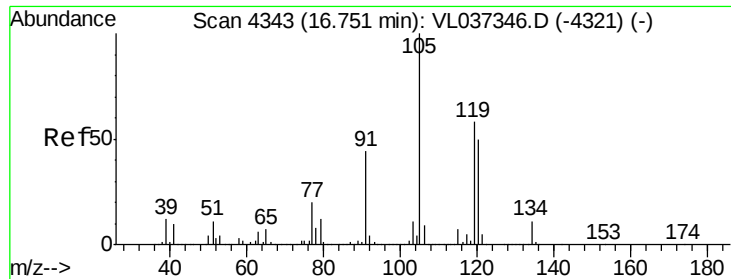
Delta R.T. 0.00 min

Lab File: VL037351.D

Acq: 6 Aug 2021 19:59

Tgt Ion:	105	Resp:	46938
Ion Ratio	Lower	Upper	
105	100		
120	43.3	38.1	57.1





#74

1,2,4-Trimethylbenzene

Concen: 0.313 ppbv

RT: 16.74 min Scan# 4341

Delta R.T. -0.01 min

Lab File: VL037351.D

Acq: 6 Aug 2021 19:59

Instrument :

MSVOA_L

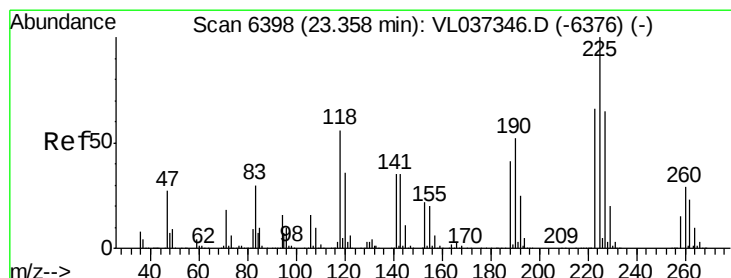
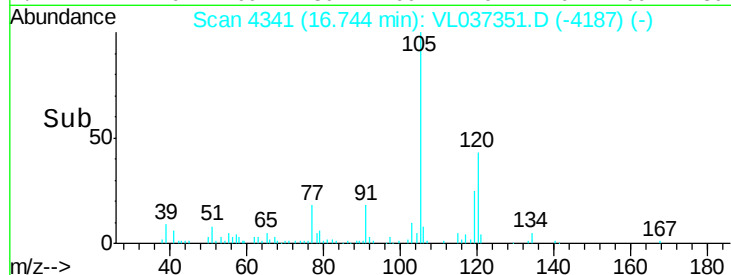
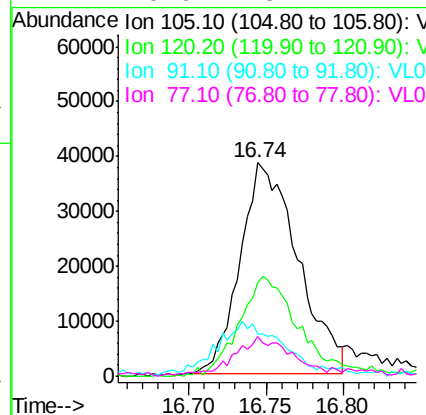
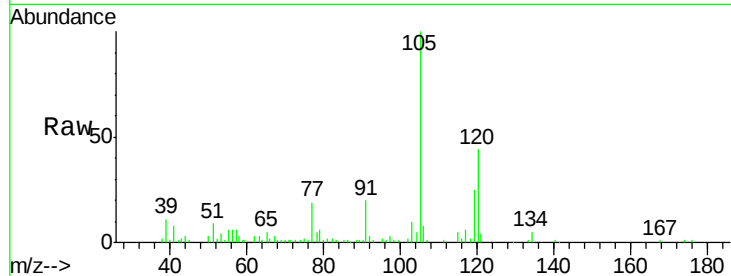
ClientSampleId :

DDC-2-INFLUENT-1

Tot Ion	Ratio	Resp Lower	Upper
105	100		
120	48.0	39.7	59.5
91	15.8	35.0	52.6
77	16.9	16.1	24.1

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#78

Hexachloro-1,3-Butadiene

Concen: 0.252 ppbv m

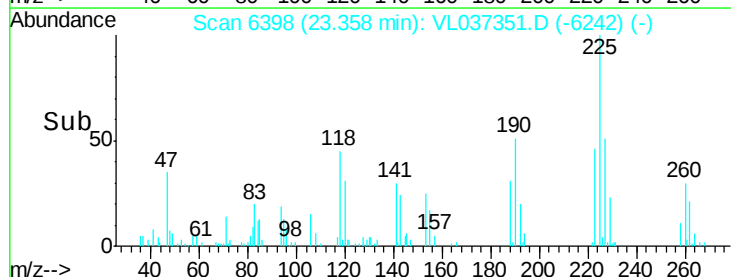
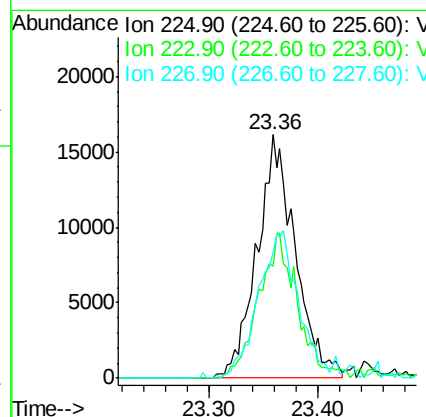
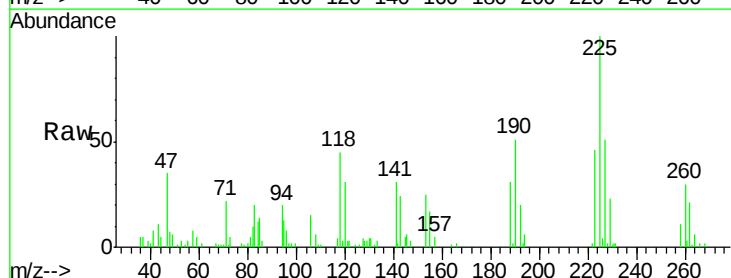
RT: 23.36 min Scan# 6398

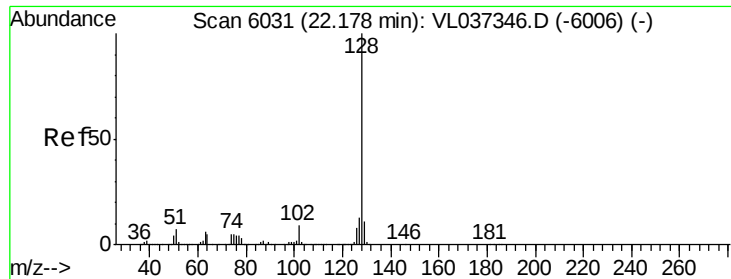
Delta R.T. 0.00 min

Lab File: VL037351.D

Acq: 6 Aug 2021 19:59

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	60.4	51.3	76.9
227	0.0	51.6	77.4





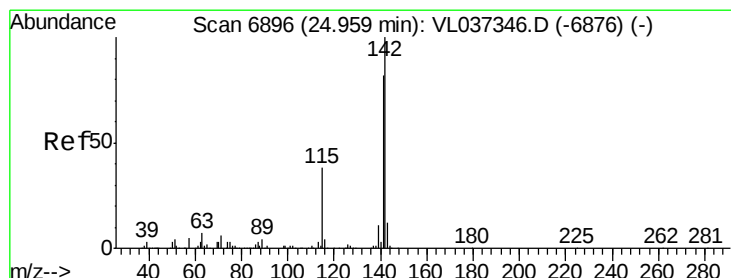
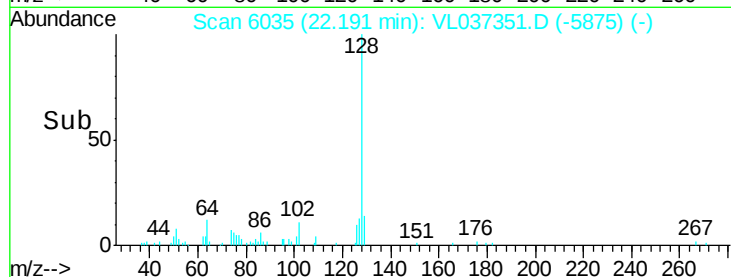
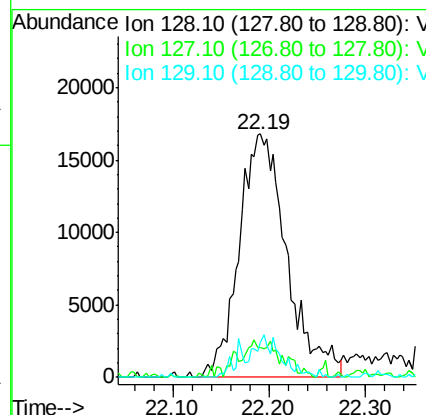
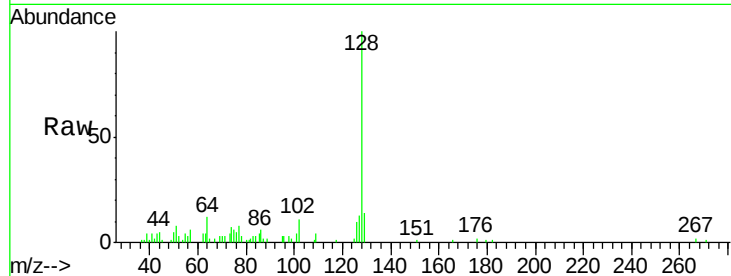
#79
Naphthalene
Concen: 0.256 ppbv m
RT: 22.19 min Scan# 6035
Delta R.T. 0.01 min
Lab File: VL037351.D
Acq: 6 Aug 2021 19:59

Instrument :
MSVOA_L
ClientSampleId :
DDC-2-INFLUENT-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	14.4	8.8	13.2

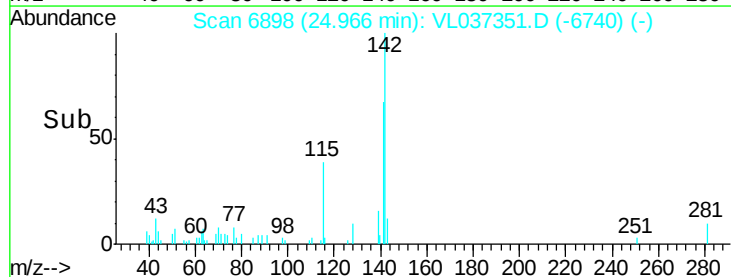
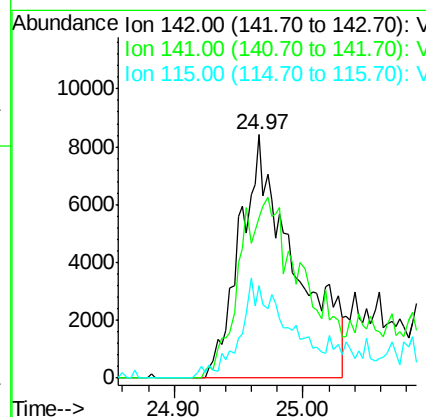
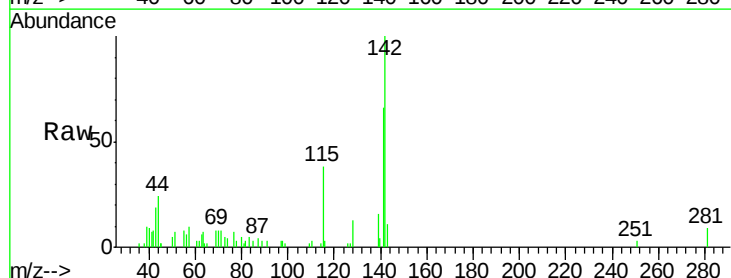
Manual Integrations
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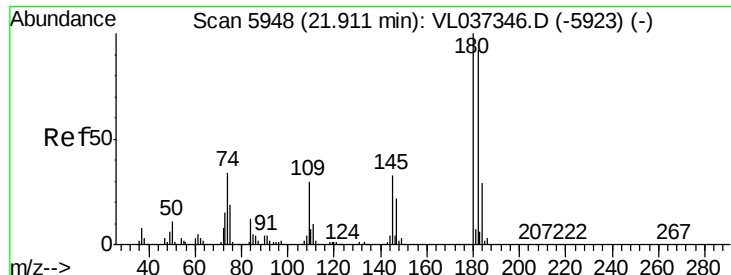
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#80
Naphthalene, 2-methyl-
Concen: 0.599 ppbv
RT: 24.97 min Scan# 6898
Delta R.T. 0.01 min
Lab File: VL037351.D
Acq: 6 Aug 2021 19:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	67.2	100.8
115	42.4	29.4	44.2





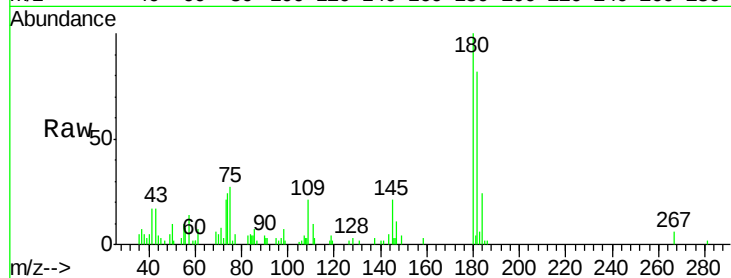
#81
 1,2,4-Trichlorobenzene
 Concen: 0.197 ppbv m
 RT: 21.92 min Scan# 5952
 Delta R.T. 0.01 min
 Lab File: VL037351.D
 Acq: 6 Aug 2021 19:59

Instrument :
 MSVOA_L
 ClientSampleId :
 DDC-2-INFLUENT-1

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	0.0	78.1	117.1#
184	0.0	24.9	37.3#

Manual Integrations
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Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

