

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
 Data File : VL037177.D
 Acq On : 16 Jun 2021 19:21
 Operator : SY/AP
 Sample : M2713-01DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 EFFLUENTDUP

Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 5:37:43 PM

Quant Time: Jun 17 15:31:20 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 17 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1422952	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3980226	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3622283	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2660301	9.69	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.90%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	60886	0.246	ppbv	99
3) Chlorodifluoromethane	2.97	51	198663m	0.718	ppbv	
4) Chloromethane	3.14	50	44014m	0.477	ppbv	
7) Chloroethane	3.56	64	7726	0.213	ppbv	90
9) Propene	3.02	41	38387m	0.434	ppbv	
10) Heptane	8.12	43	187025m	0.873	ppbv	
11) Trichlorofluoromethane	3.95	101	68366m	0.259	ppbv	
13) Ethanol	3.61	45	225884m	16.505	ppbv	
15) Acetone	3.85	43	1393805	8.686	ppbv	96
17) tert-Butyl alcohol	4.30	59	52684m	0.355	ppbv	
19) Isopropyl Alcohol	3.98	45	268563m	2.763	ppbv	
20) Methylene Chloride	4.35	84	2159088	22.475	ppbv	99
24) 1,1-Dichloroethane	5.01	63	334178	1.804	ppbv	100
26) Hexane	5.69	57	1304600	7.431	ppbv #	48
29) Chloroform	5.75	83	28990m	0.107	ppbv	
30) Cyclohexane	7.14	84	18480m	0.126	ppbv	
32) 1,1,1-Trichloroethane	6.52	97	519874	1.791	ppbv	99
34) 2-Butanone	5.25	43	384631	2.485	ppbv	99
35) Carbon Tetrachloride	7.02	117	15498m	0.058	ppbv	
36) Benzene	6.90	78	41996m	0.130	ppbv	
38) Trichloroethene	7.84	130	11959m	0.078	ppbv	
41) Tetrahydrofuran	6.06	42	136163	1.894	ppbv	97
44) 2,2,4-Trimethylpentane	7.88	57	67400m	0.124	ppbv	
50) 4-Methyl-2-Pentanone	8.75	43	627465	2.951	ppbv	98
52) Tetrachloroethene	11.22	164	8888m	0.059	ppbv	
53) Toluene	9.81	91	3149477	8.192	ppbv	100
58) Ethyl Benzene	12.72	91	1356118	2.720	ppbv	94
59) m/p-Xylene	12.97	91	5393179	12.762	ppbv	96
60) o-Xylene	13.70	91	2302307	5.722	ppbv	99
61) Styrene	13.54	104	29201m	0.141	ppbv	
72) 4-Ethyltoluene	15.85	105	57472m	0.126	ppbv	
73) 1,3,5-Trimethylbenzene	16.01	105	86239m	0.195	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	179223	0.394	ppbv #	74
77) 1,2-Dichlorobenzene	17.83	146	25855m	0.097	ppbv	
79) Naphthalene	22.20	128	35423m	0.093	ppbv	
81) 1,2,4-Trichlorobenzene	21.94	180	23880m	0.109	ppbv	

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

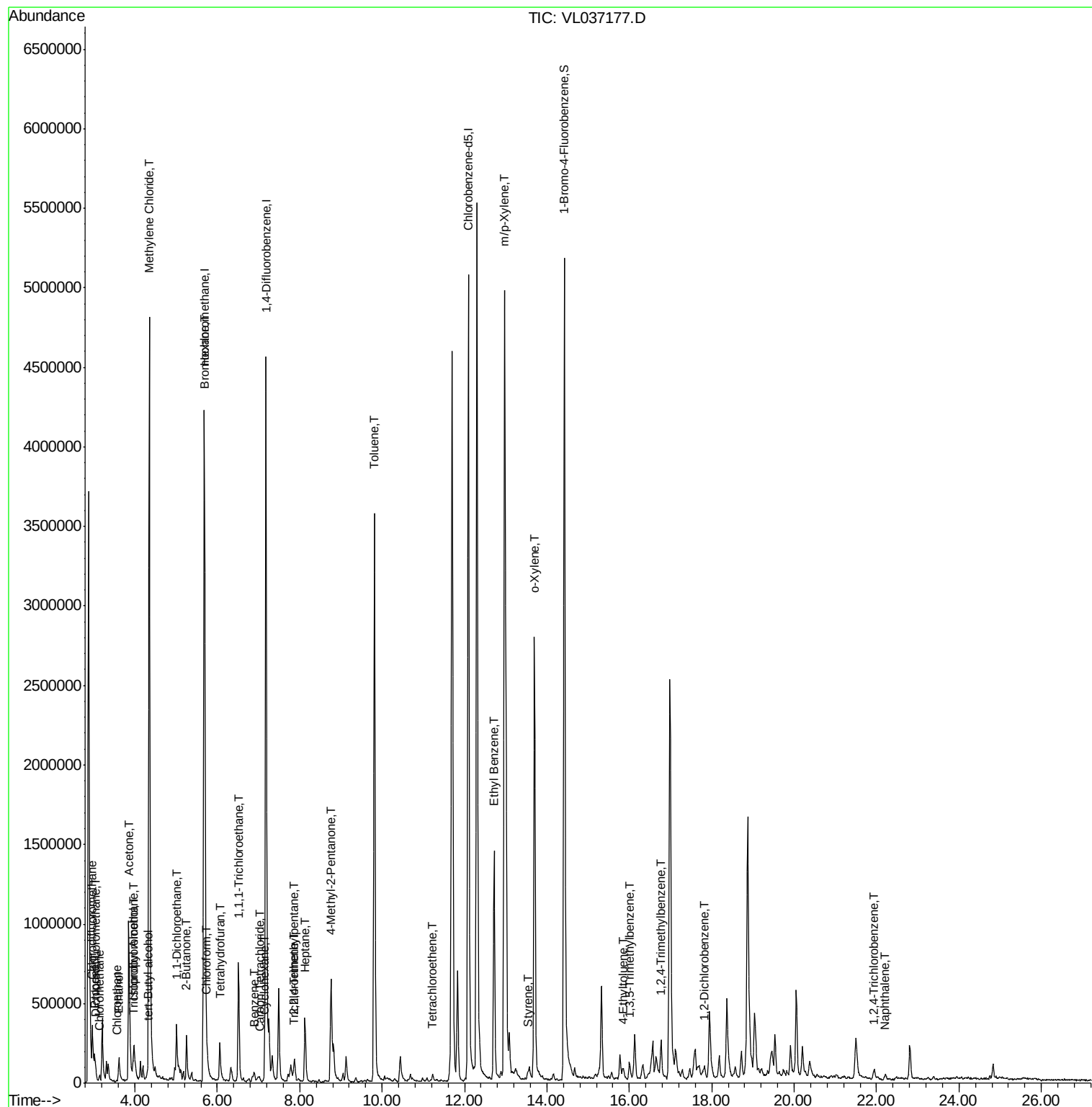
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL061621\
Data File : VL037177.D
Acq On : 16 Jun 2021 19:21
Operator : SY/AP
Sample : M2713-01DUP
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

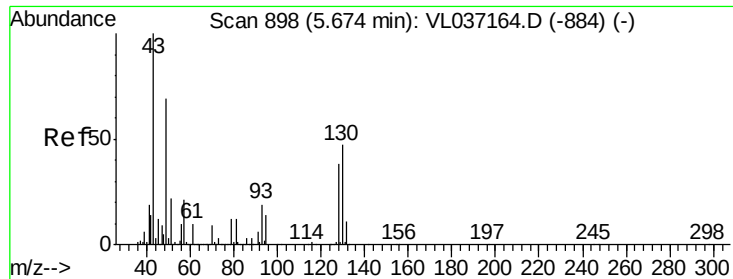
Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

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6/17/2021 5:37:43 PM

Quant Time: Jun 17 15:31:20 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration





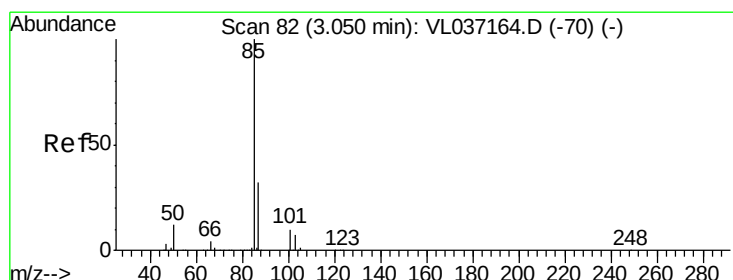
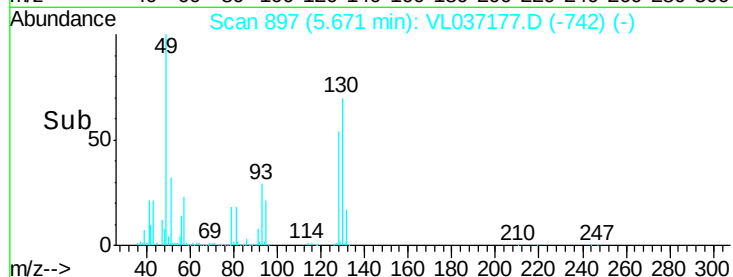
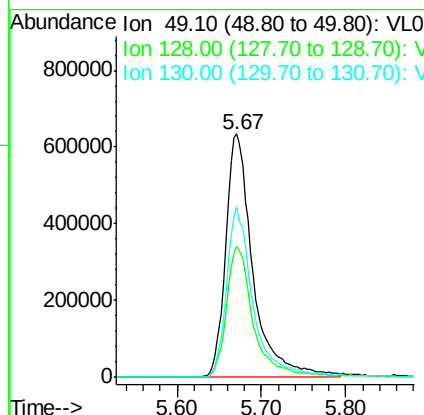
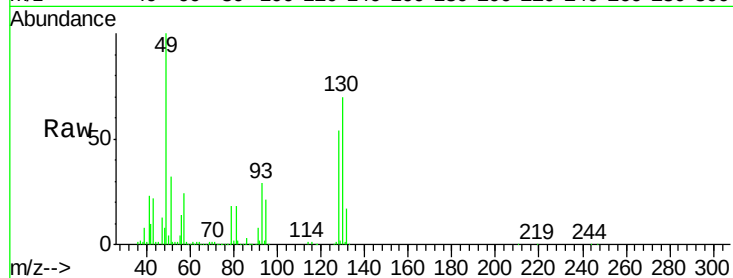
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL037177.D
Acq: 16 Jun 2021 19:21

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tot Ion: 49 Resp: 1422952
Ion Ratio Lower Upper
49 100
128 54.1 29.3 88.0
130 69.7 35.9 107.8

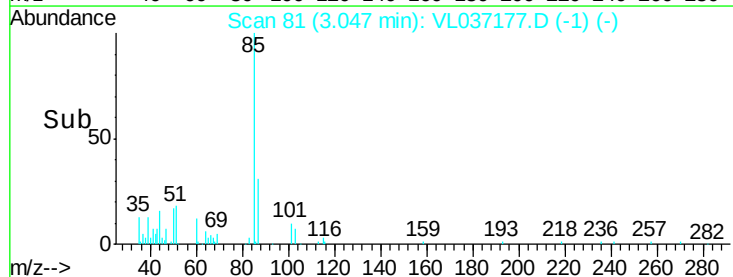
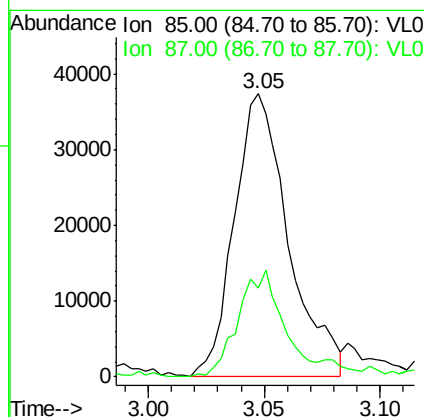
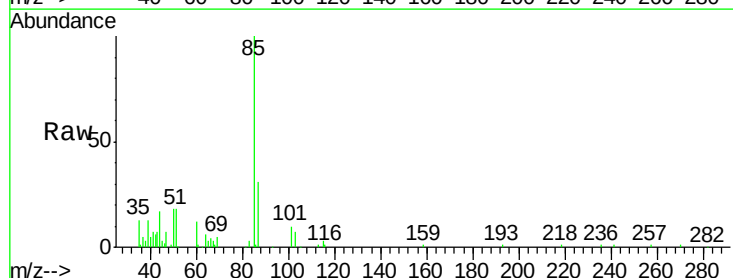
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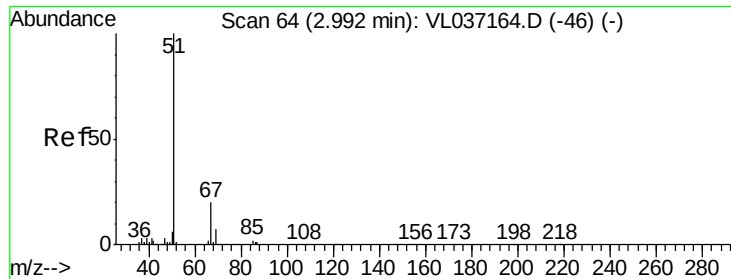
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#2
Dichlorodifluoromethane
Concen: 0.246 ppbv
RT: 3.05 min Scan# 81
Delta R.T. -0.00 min
Lab File: VL037177.D
Acq: 16 Jun 2021 19:21

Tgt Ion: 85 Resp: 60886
Ion Ratio Lower Upper
85 100
87 31.7 25.8 38.6





#3

Chlorodifluoromethane

Concen: 0.718 ppbv m

RT: 2.97 min Scan# 58

Delta R.T. -0.02 min

Lab File: VL037177.D

Acq: 16 Jun 2021 19:21

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENTDUP

Tot Ion: 51 Resp: 198663

Ion Ratio Lower Upper

51 100

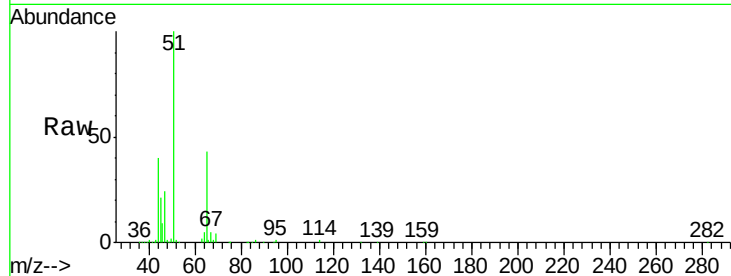
67 11.4 15.8 23.6#

Manual Integrations

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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

150000

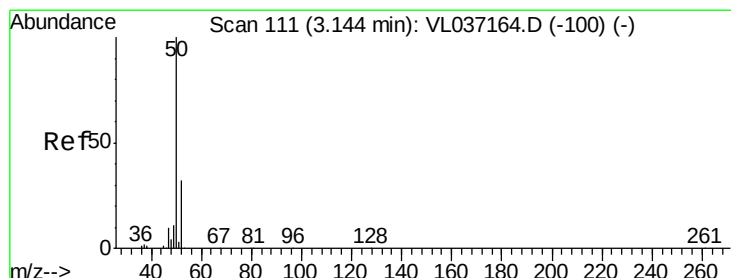
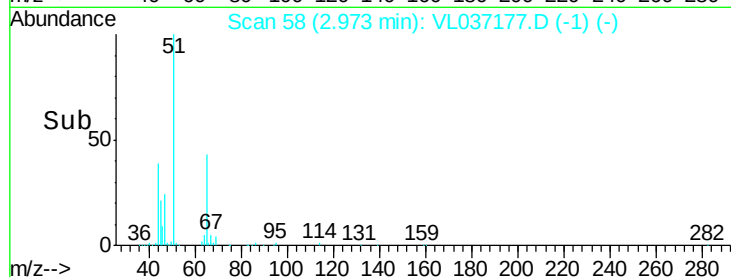
100000

50000

0

2.95 3.00 3.05

Time-->



#4

Chloromethane

Concen: 0.477 ppbv m

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL037177.D

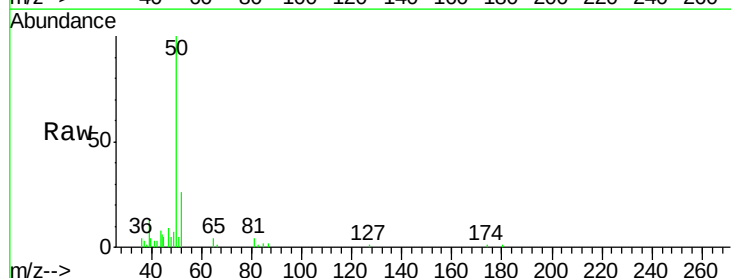
Acq: 16 Jun 2021 19:21

Tgt Ion: 50 Resp: 44014

Ion Ratio Lower Upper

50 100

52 26.4 25.8 38.8



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

25000

20000

15000

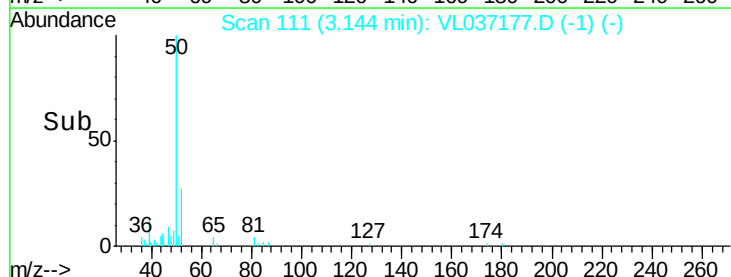
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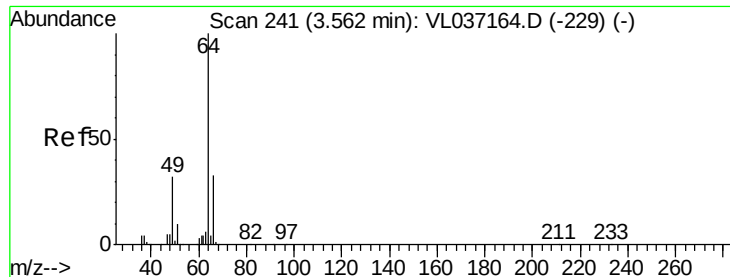
5000

0

3.10 3.15 3.20

Time-->





#7

Chloroethane

Concen: 0.213 ppbv

RT: 3.56 min Scan# 241

Delta R.T. 0.00 min

Lab File: VL037177.D

Acq: 16 Jun 2021 19:21

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENTDUP

Tot Ion: 64 Resp: 7726

Ion Ratio Lower Upper

64 100

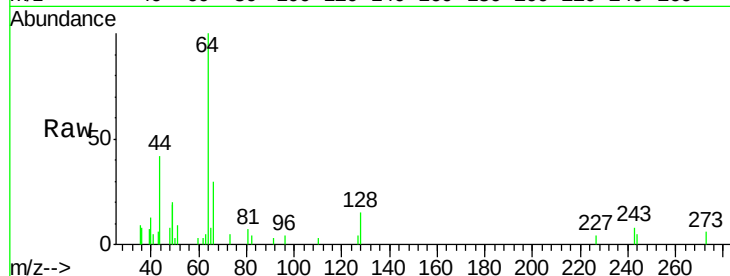
66 27.3 26.2 39.4

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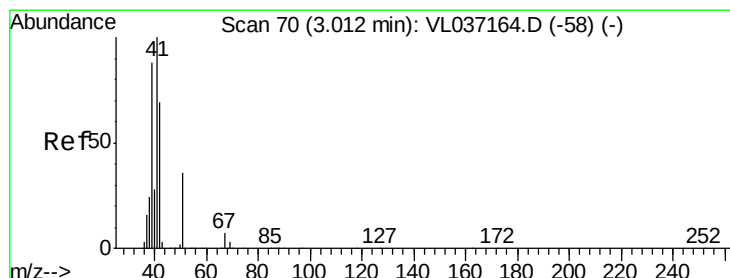
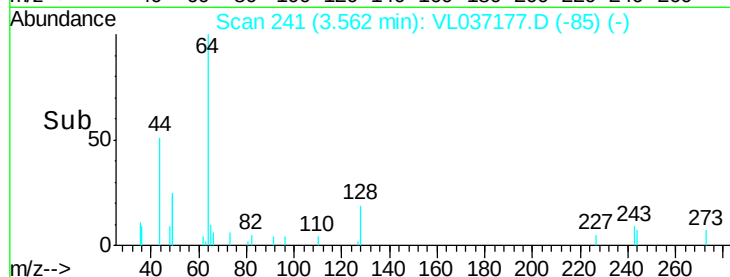
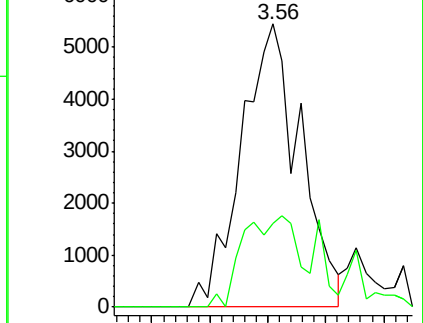
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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#9

Propene

Concen: 0.434 ppbv m

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL037177.D

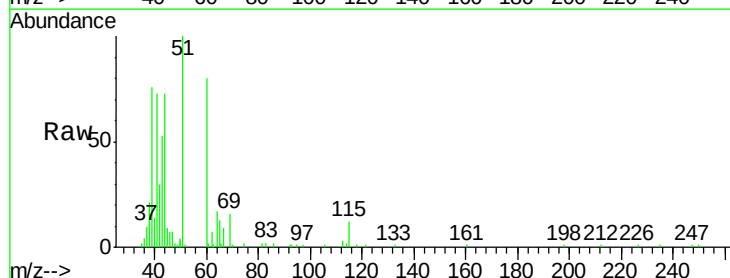
Acq: 16 Jun 2021 19:21

Tgt Ion: 41 Resp: 38387

Ion Ratio Lower Upper

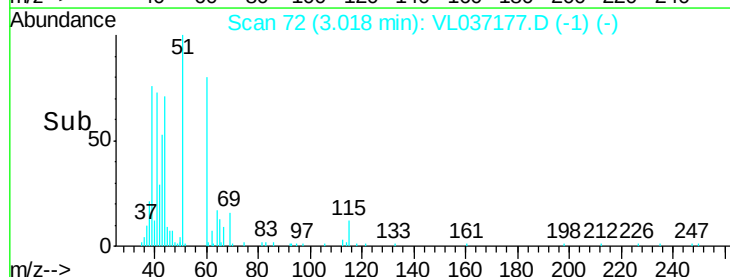
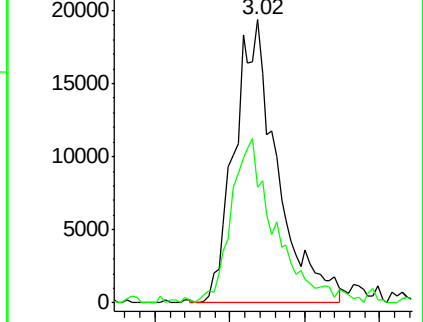
41 100

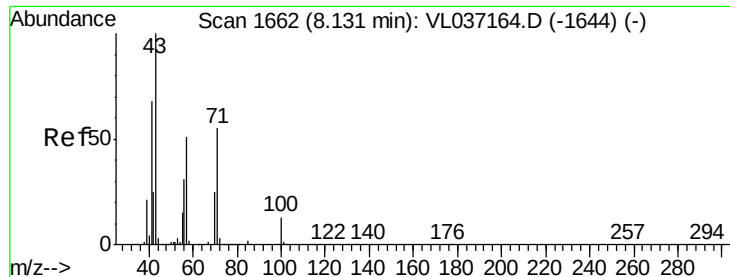
42 0.0 54.5 81.7#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





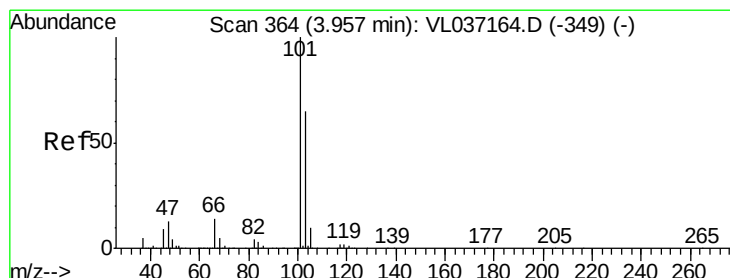
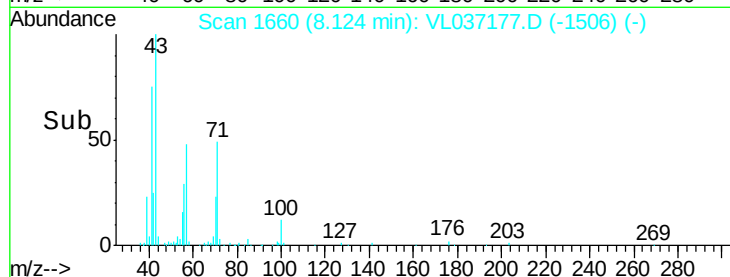
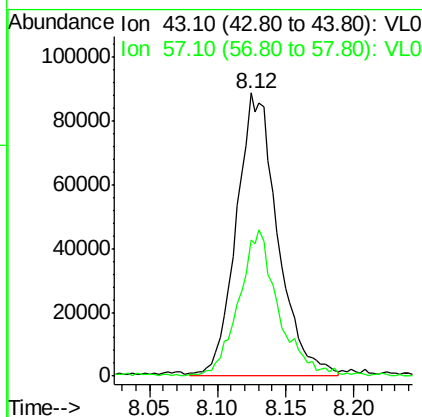
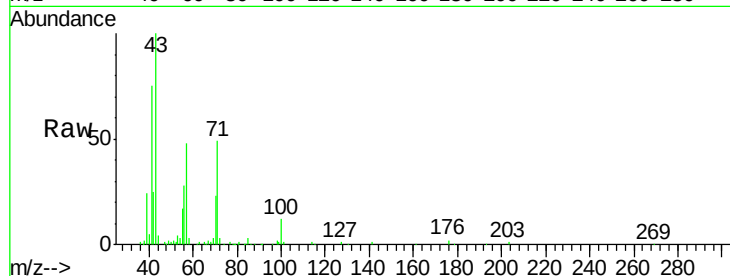
#10
 Heptane
 Concen: 0.873 ppbv m
 RT: 8.12 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: VL037177.D
 Acq: 16 Jun 2021 19:21

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDUP

Tot Ion: 43 Resp: 187025
 Ion Ratio Lower Upper
 43 100
 57 48.9 40.6 61.0

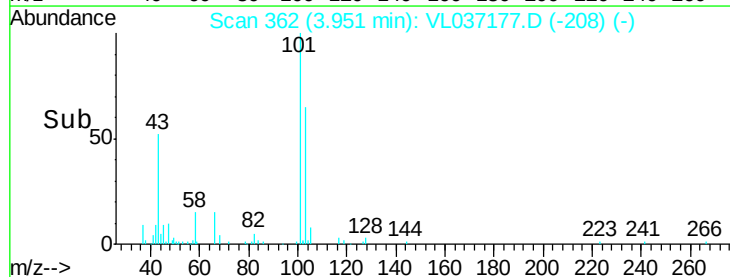
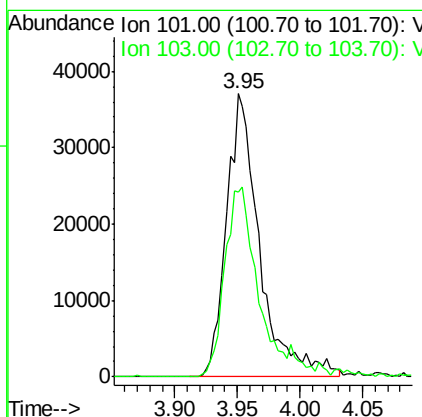
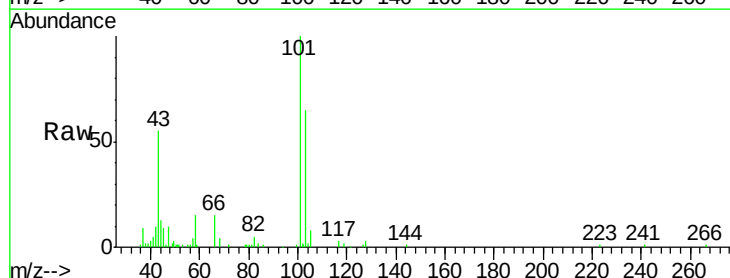
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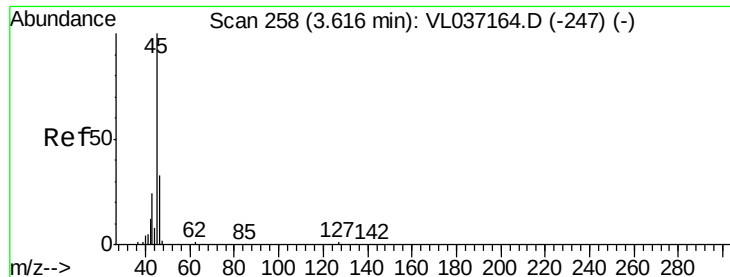
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#11
 Trichlorofluoromethane
 Concen: 0.259 ppbv m
 RT: 3.95 min Scan# 362
 Delta R.T. -0.01 min
 Lab File: VL037177.D
 Acq: 16 Jun 2021 19:21

Tgt Ion: 101 Resp: 68366
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.2 78.4





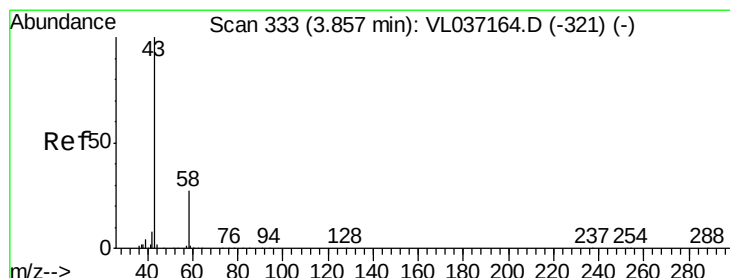
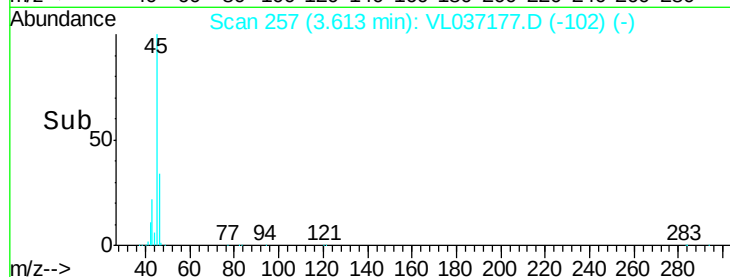
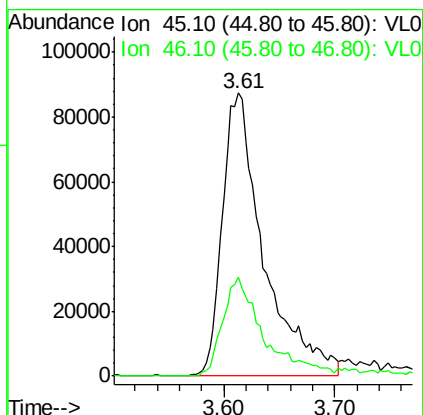
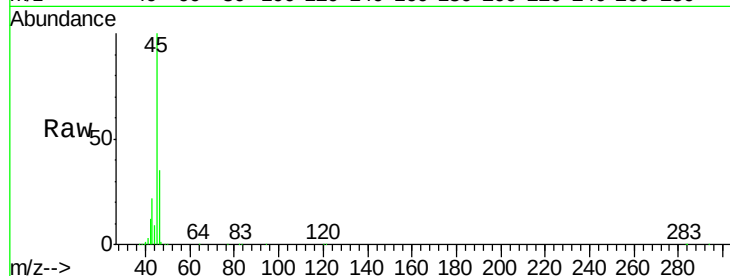
#13
Ethanol
Concen: 16.505 ppbv m
RT: 3.61 min Scan# 257
Delta R.T. -0.00 min
Lab File: VL037177.D
Acq: 16 Jun 2021 19:21

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tot Ion: 45 Resp: 225884
Ion Ratio Lower Upper
45 100
46 35.8 34.2 137.0

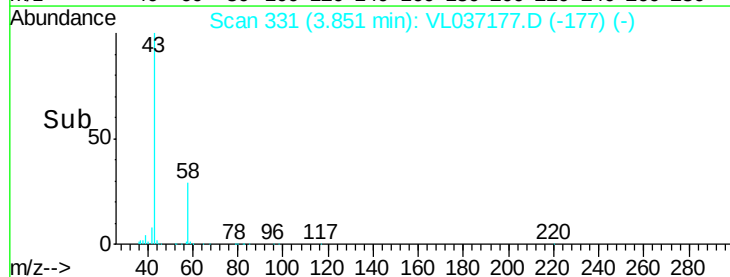
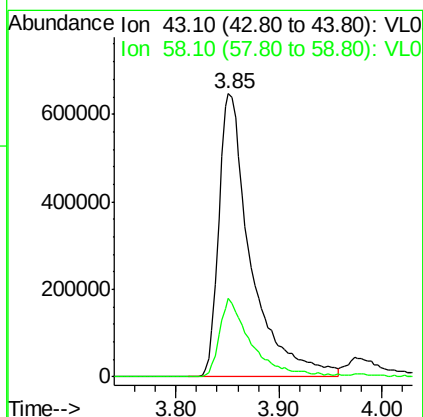
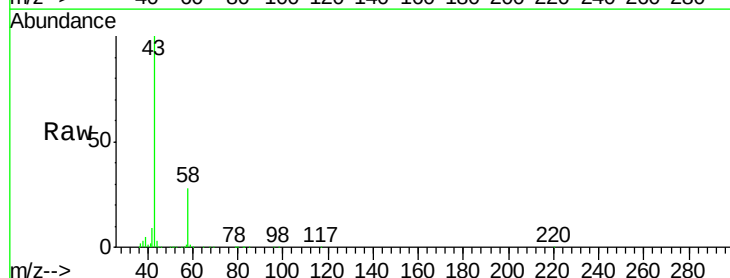
Manual Integrations
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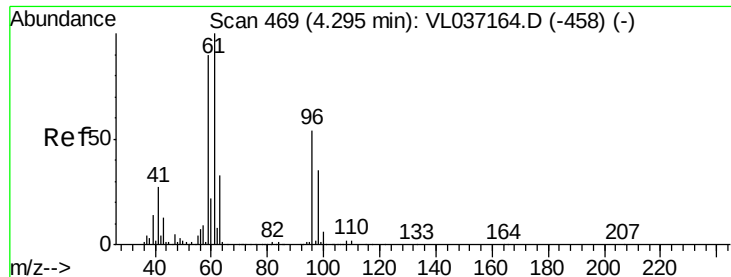
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#15
Acetone
Concen: 8.686 ppbv
RT: 3.85 min Scan# 331
Delta R.T. -0.01 min
Lab File: VL037177.D
Acq: 16 Jun 2021 19:21

Tgt Ion: 43 Resp: 1393805
Ion Ratio Lower Upper
43 100
58 27.7 23.7 35.5





#17

tert-Butyl alcohol

Concen: 0.355 ppbv m

RT: 4.30 min Scan# 472

Delta R.T. 0.01 min

Lab File: VL037177.D

Acq: 16 Jun 2021 19:21

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENTDUP

Tot Ion: 59 Resp: 52684

Ion Ratio Lower Upper

59 100

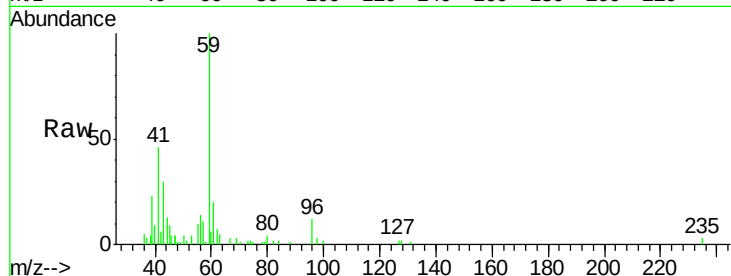
57 0.0 8.8 13.2#

Manual Integrations

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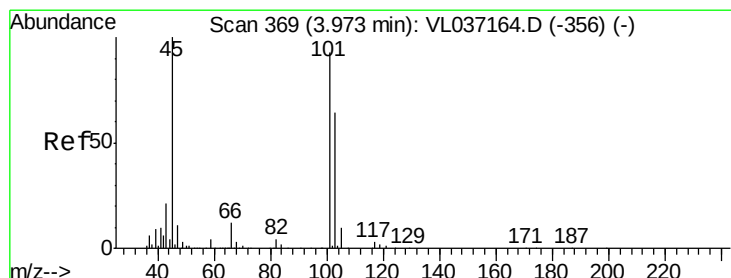
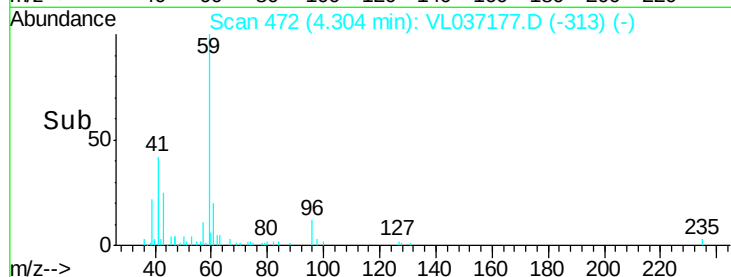
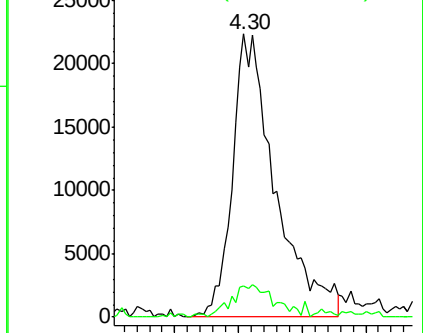
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Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#19

Isopropyl Alcohol

Concen: 2.763 ppbv m

RT: 3.98 min Scan# 371

Delta R.T. 0.01 min

Lab File: VL037177.D

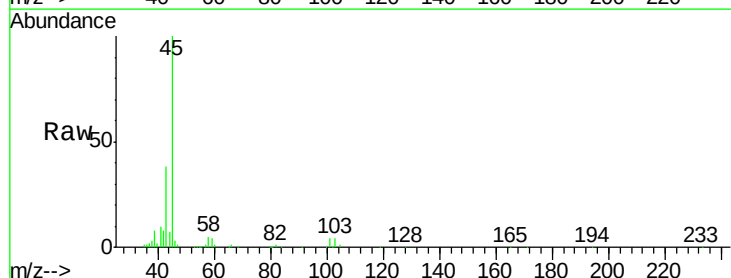
Acq: 16 Jun 2021 19:21

Tgt Ion: 45 Resp: 268563

Ion Ratio Lower Upper

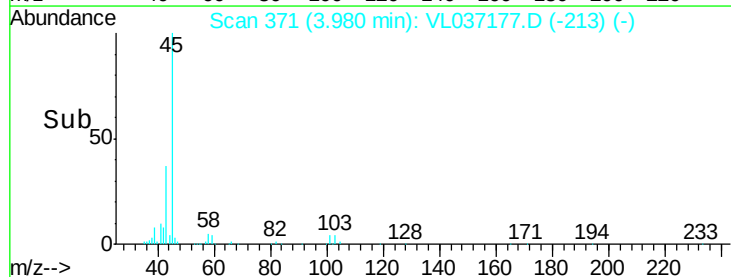
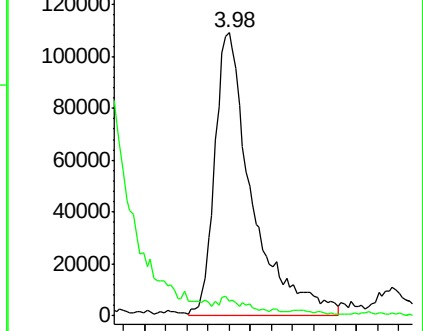
45 100

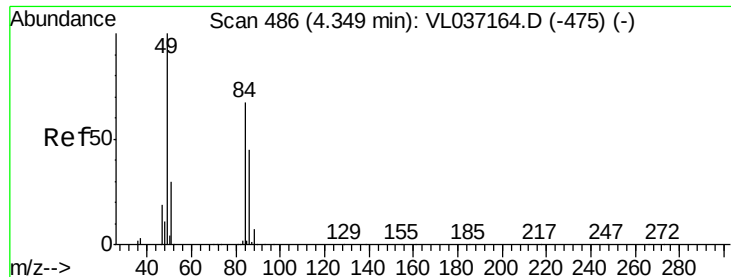
58 6.6 2.4 3.6#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#20
Methylene Chloride
Concen: 22.475 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.00 min
Lab File: VL037177.D
Acq: 16 Jun 2021 19:21

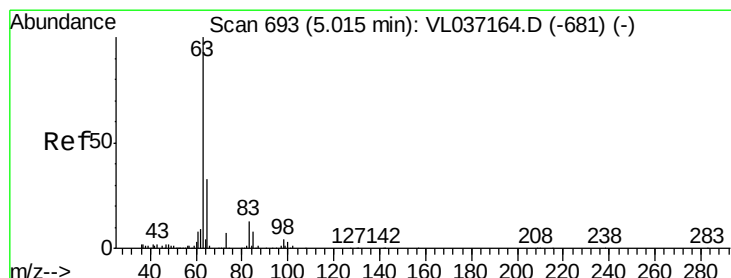
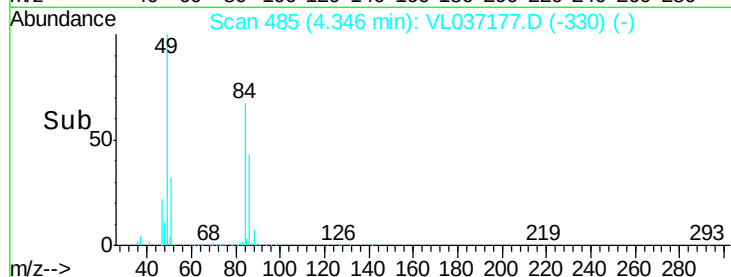
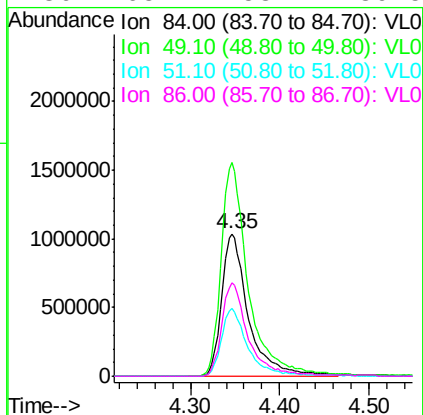
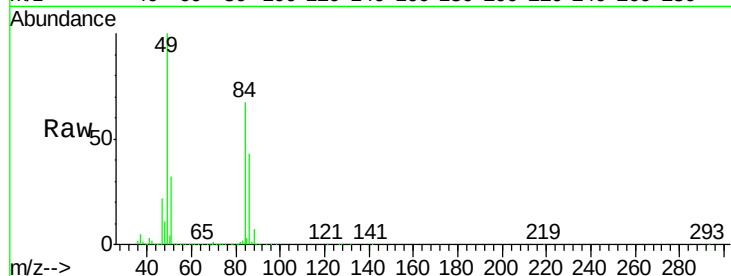
Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tot Ion: 84 Resp: 2159088

Ion	Ratio	Lower	Upper
84	100		
49	149.7	119.7	179.5
51	47.4	36.1	54.1
86	65.1	53.7	80.5

Manual Integrations
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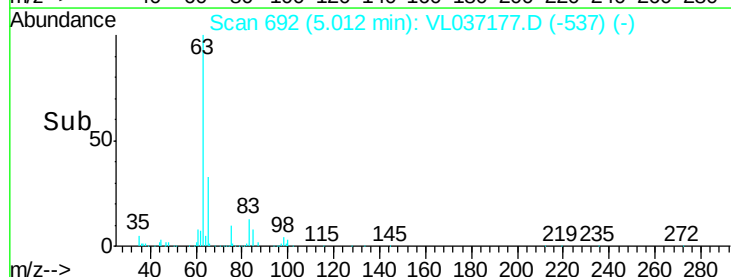
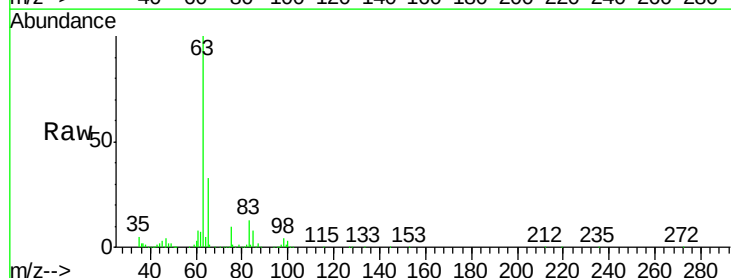
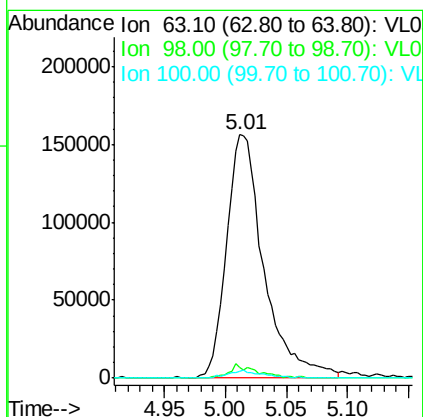
MMDadoda
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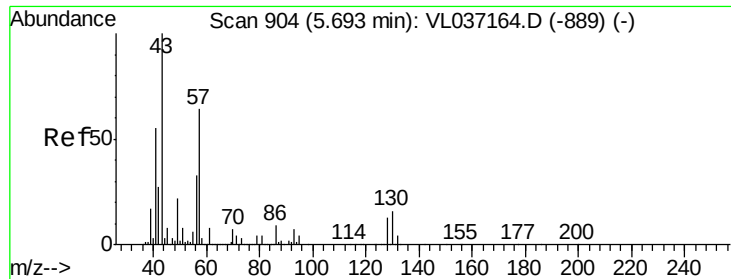


#24
1,1-Dichloroethane
Concen: 1.804 ppbv
RT: 5.01 min Scan# 692
Delta R.T. -0.00 min
Lab File: VL037177.D
Acq: 16 Jun 2021 19:21

Tgt Ion: 63 Resp: 334178

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.1	6.5
100	2.9	1.4	4.0





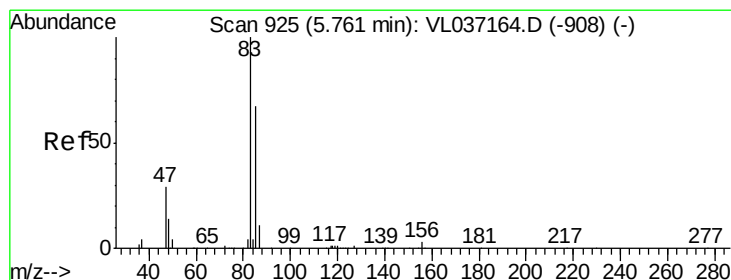
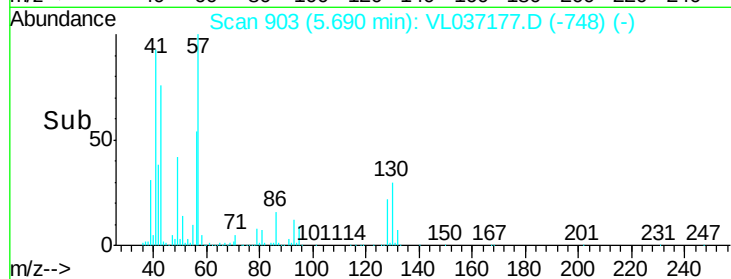
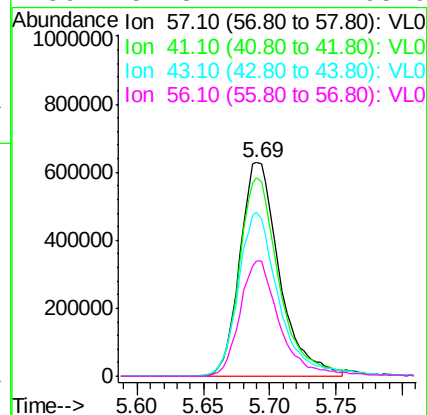
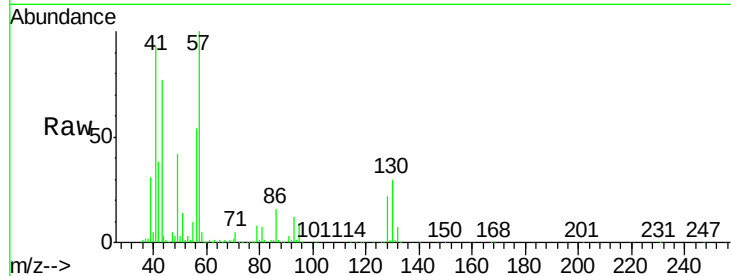
#26
Hexane
Concen: 7.431 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.00 min
Lab File: VL037177.D
Acq: 16 Jun 2021 19:21

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tot Ion	Ratio	Lower	Upper
57	100		
41	95.0	73.5	110.3
43	79.2	170.7	256.1#
56	54.3	42.4	63.6

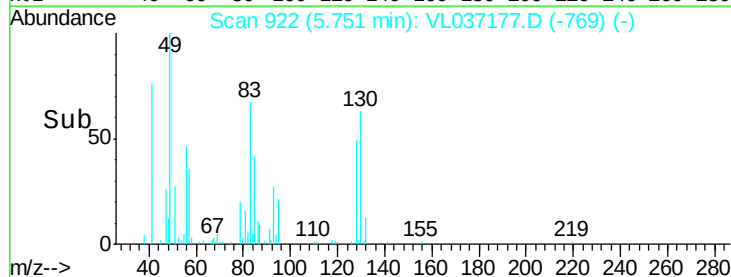
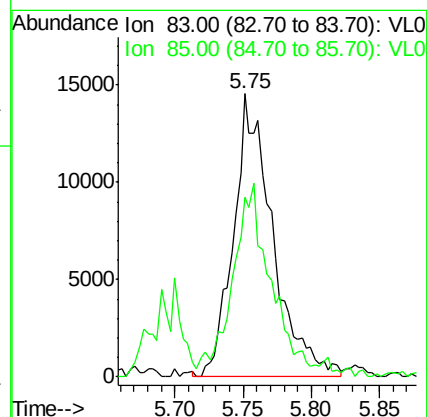
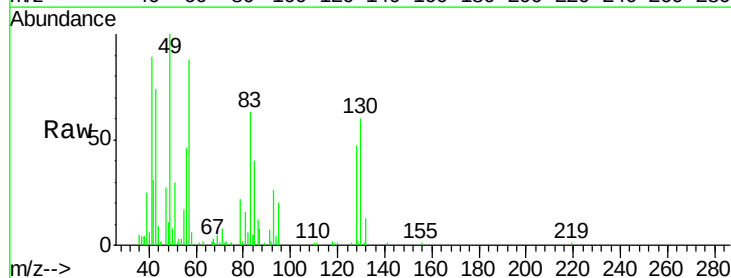
Manual Integrations
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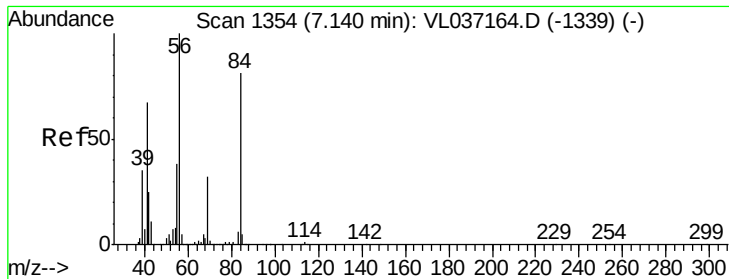
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#29
Chloroform
Concen: 0.107 ppbv m
RT: 5.75 min Scan# 922
Delta R.T. -0.01 min
Lab File: VL037177.D
Acq: 16 Jun 2021 19:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	53.6	80.4





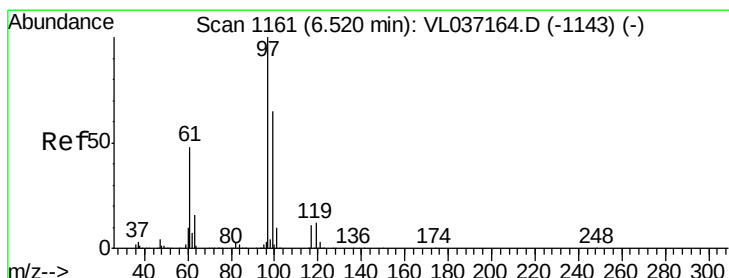
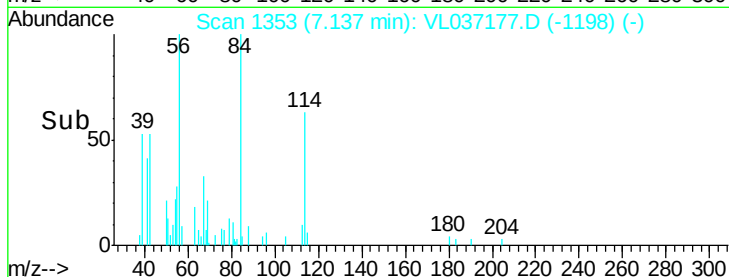
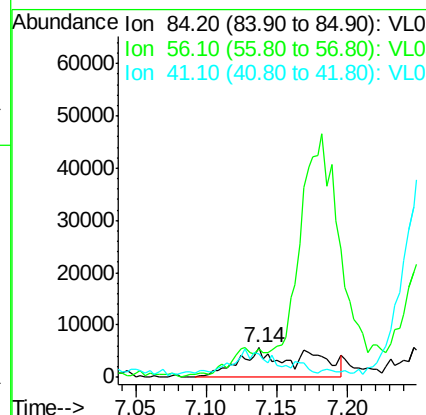
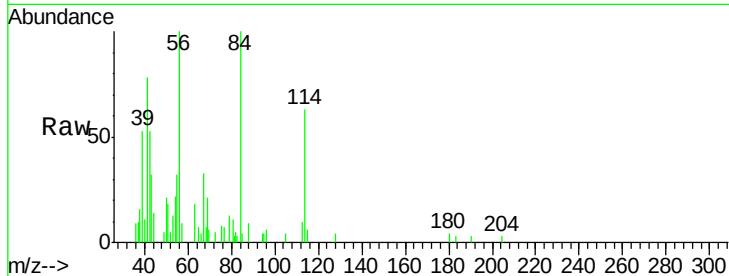
#30
Cyclohexane
Concen: 0.126 ppbv m
RT: 7.14 min Scan# 1353
Delta R.T. -0.00 min
Lab File: VL037177.D
Acq: 16 Jun 2021 19:21

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	107.7	161.5#
41	0.0	69.0	103.6#

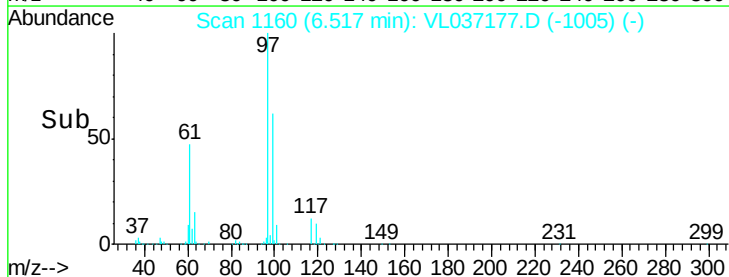
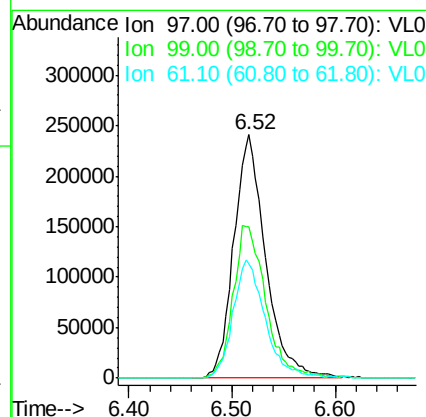
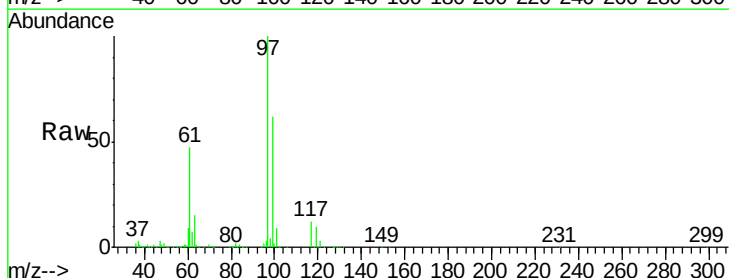
Manual Integrations
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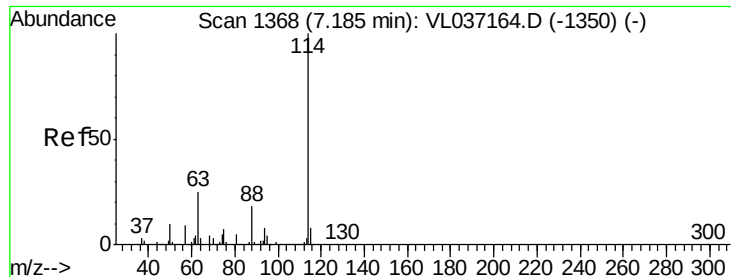
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6/17/2021 5:37:43 PM



#32
1,1,1-Trichloroethane
Concen: 1.791 ppbv
RT: 6.52 min Scan# 1160
Delta R.T. -0.00 min
Lab File: VL037177.D
Acq: 16 Jun 2021 19:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.2	78.4
61	49.2	38.8	58.2





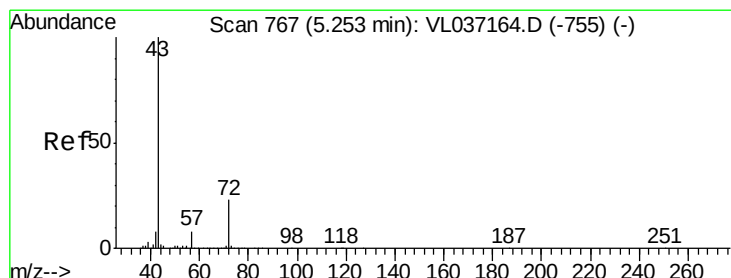
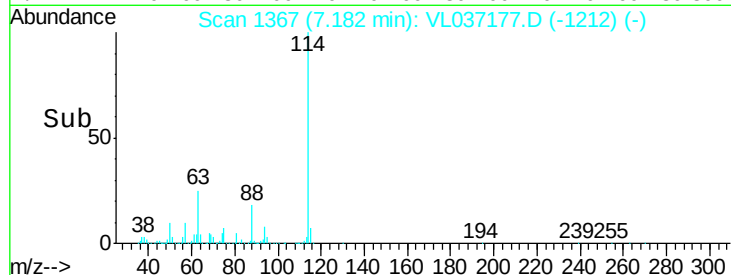
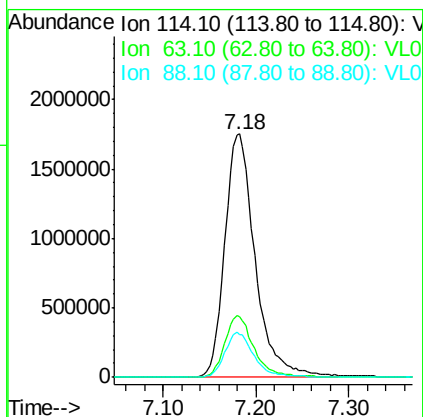
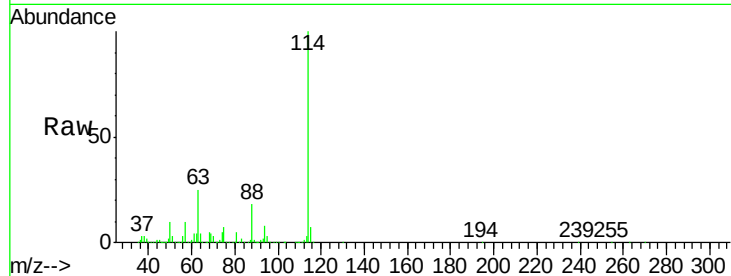
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VL037177.D
 Acq: 16 Jun 2021 19:21

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDUP

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.6	19.6	29.4
88	17.9	14.2	21.2

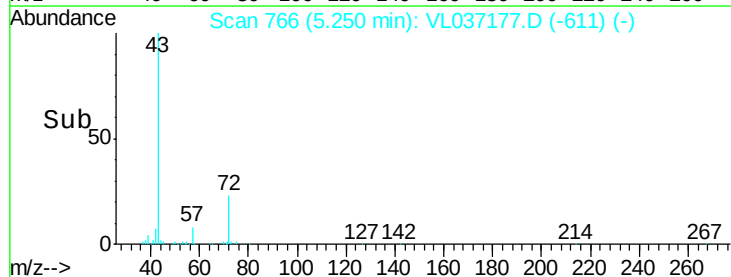
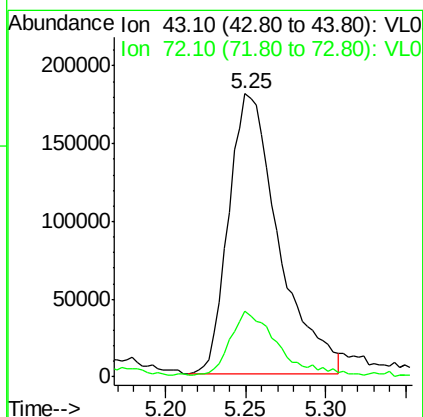
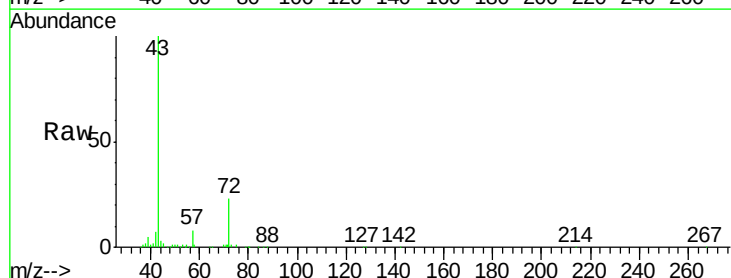
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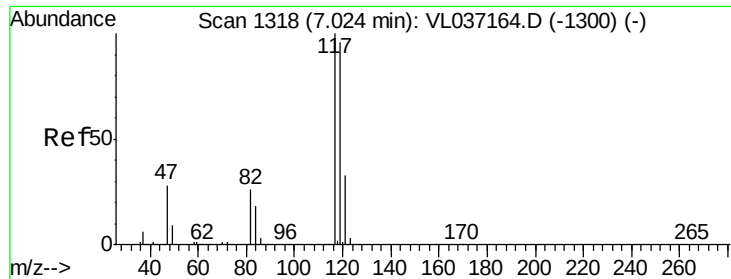
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 6/17/2021 5:37:43 PM



#34
 2-Butanone
 Concen: 2.485 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VL037177.D
 Acq: 16 Jun 2021 19:21

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.1	18.9	28.3





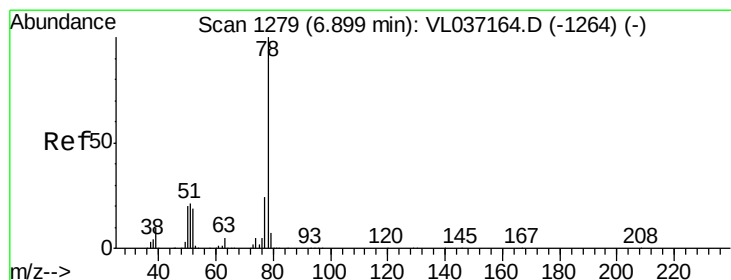
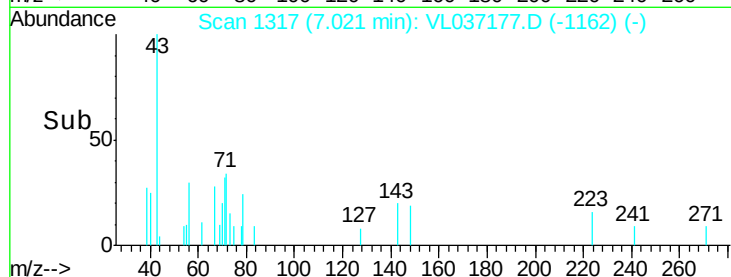
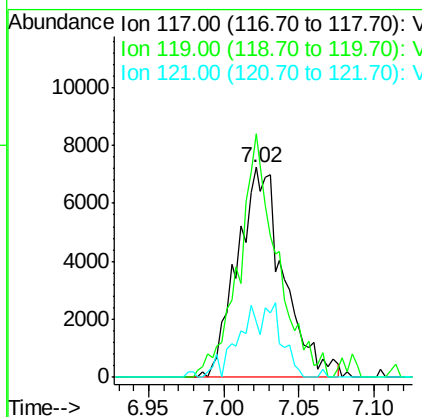
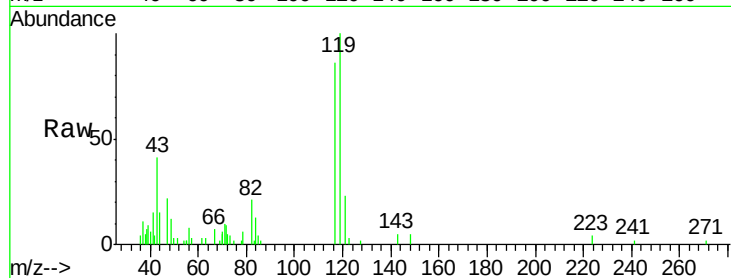
#35
Carbon Tetrachloride
Concen: 0.058 ppbv m
RT: 7.02 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VL037177.D
Acq: 16 Jun 2021 19:21

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tot Ion	Ratio	Lower	Upper
117	100		
119	115.9	76.6	114.8#
121	26.2	26.4	39.6#

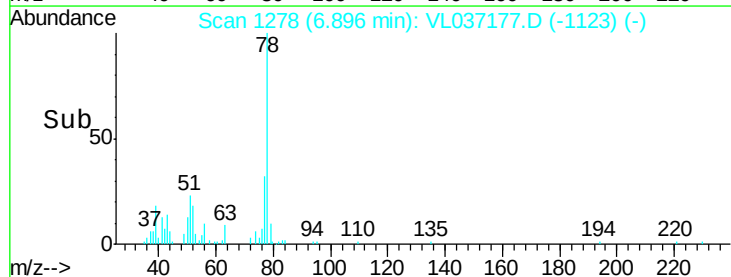
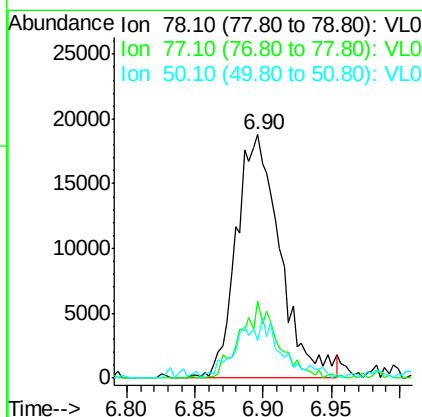
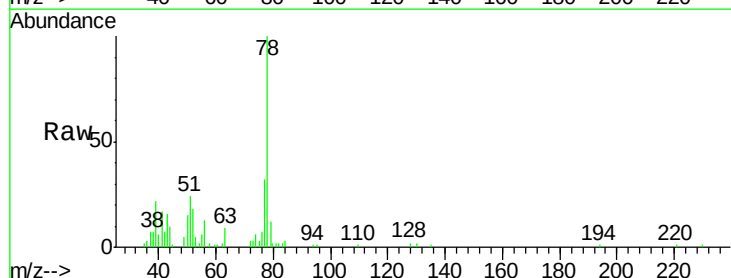
Manual Integrations
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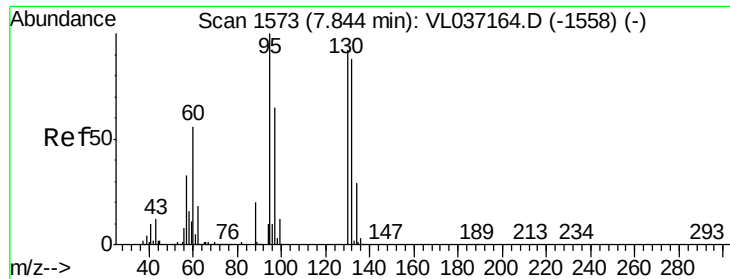
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6/17/2021 5:37:43 PM



#36
Benzene
Concen: 0.130 ppbv m
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL037177.D
Acq: 16 Jun 2021 19:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	31.7	19.0	28.6#
50	15.3	15.7	23.5#





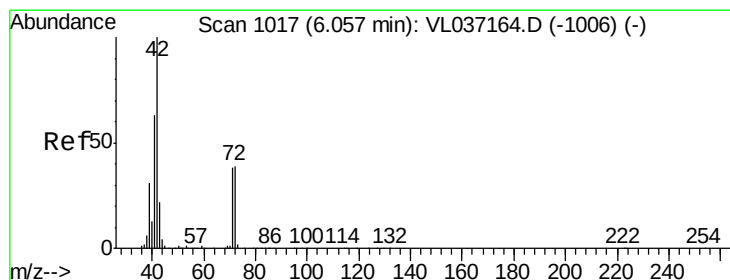
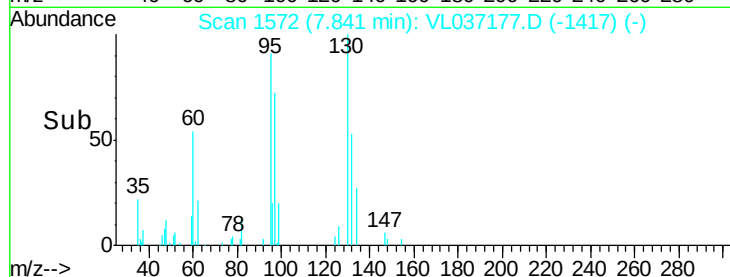
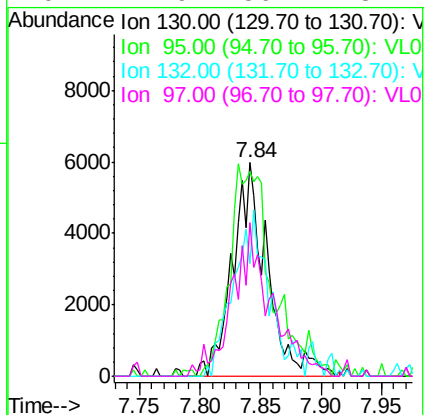
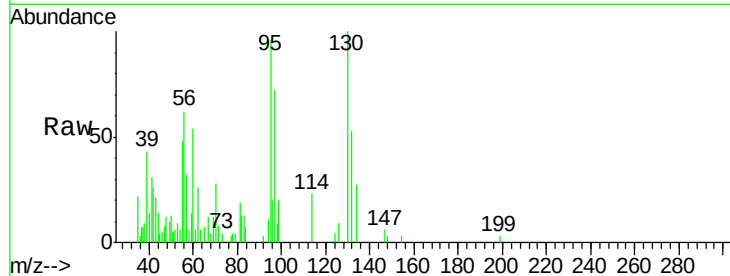
#38
 Trichloroethene
 Concen: 0.078 ppbv m
 RT: 7.84 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VL037177.D
 Acq: 16 Jun 2021 19:21

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDUP

Tot Ion	Ratio	Resp	Lower	Upper
130	100	11959		
95	96.0	86.6	129.8	
132	52.9	76.6	114.8#	
97	71.9	56.1	84.1	

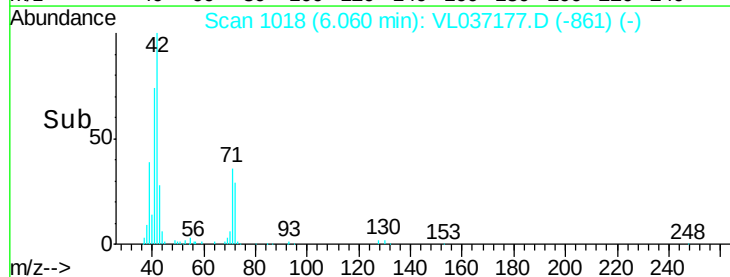
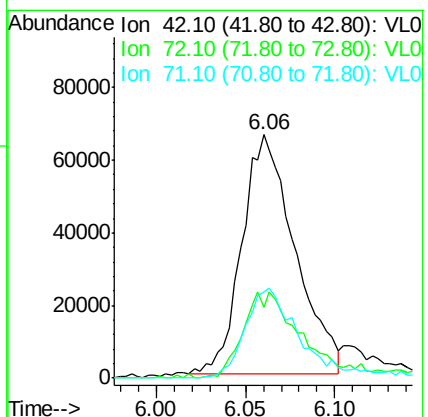
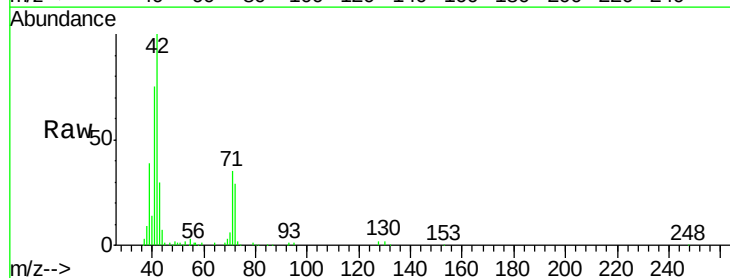
Manual Integrations
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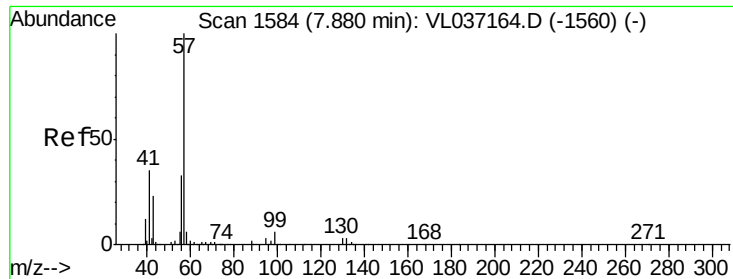
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 6/17/2021 5:37:43 PM



#41
 Tetrahydrofuran
 Concen: 1.894 ppbv
 RT: 6.06 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VL037177.D
 Acq: 16 Jun 2021 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	136163		
72	44.2	33.0	49.4	
71	39.3	31.0	46.6	





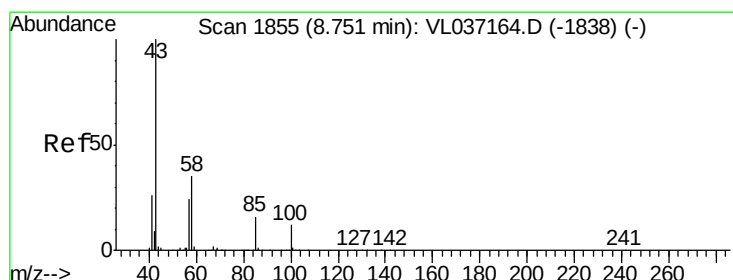
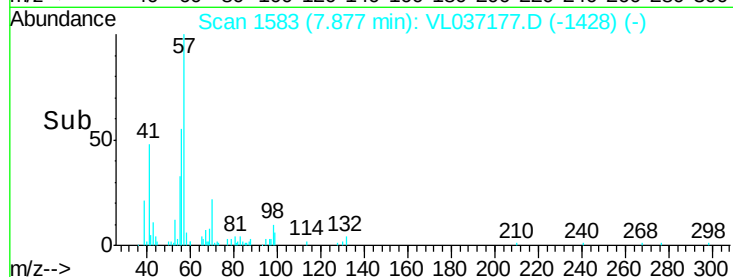
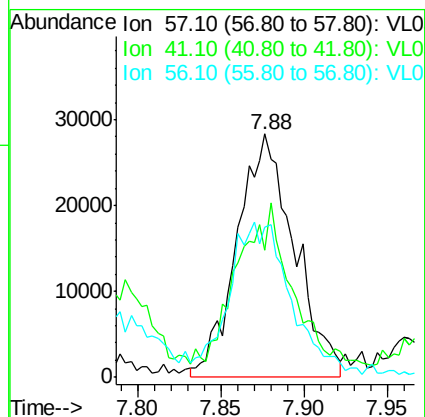
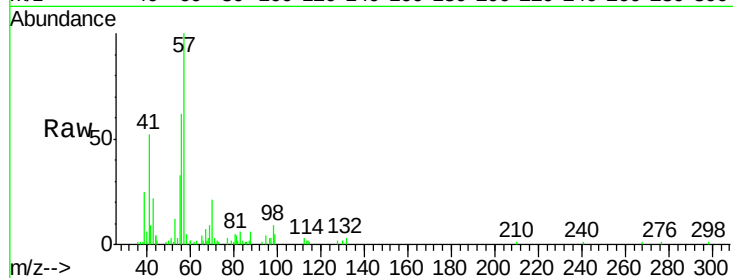
#44
 2,2,4-Trimethylpentane
 Concen: 0.124 ppbv m
 RT: 7.88 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VL037177.D
 Acq: 16 Jun 2021 19:21

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDUP

Tot Ion	Ratio	Lower	Upper
57	100		
41	66.7	27.6	41.4#
56	0.0	25.3	37.9#

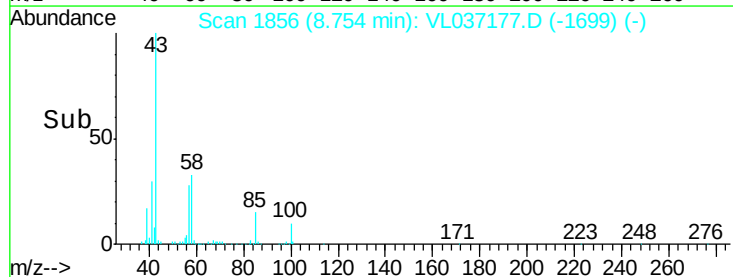
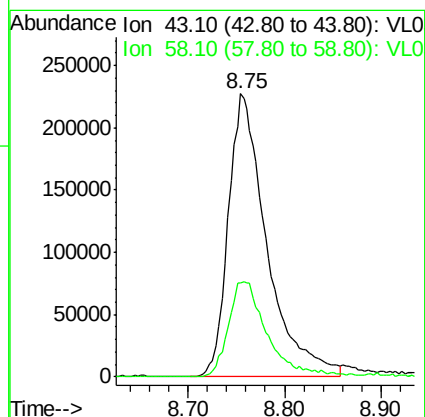
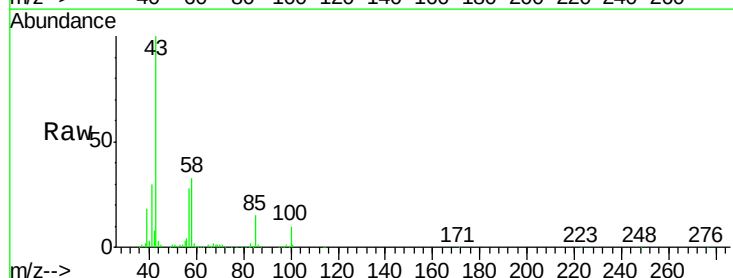
Manual Integrations
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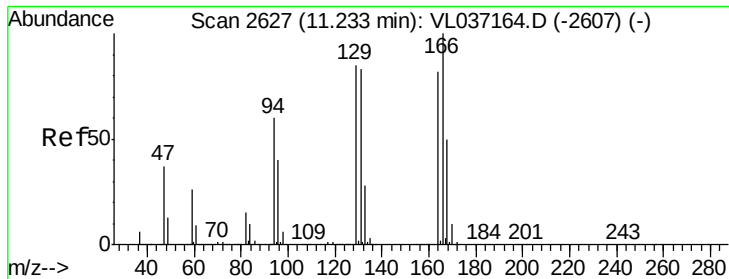
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 6/17/2021 5:37:43 PM



#50
 4-Methyl-2-Pentanone
 Concen: 2.951 ppbv
 RT: 8.75 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: VL037177.D
 Acq: 16 Jun 2021 19:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.2	28.4	42.6





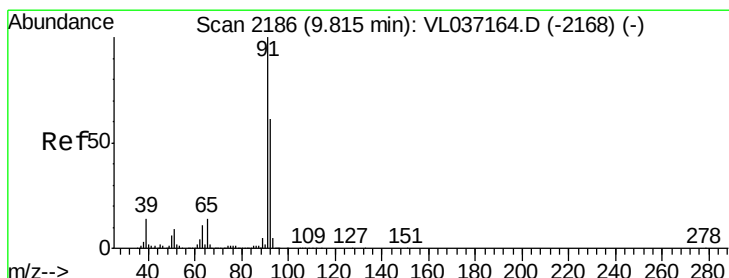
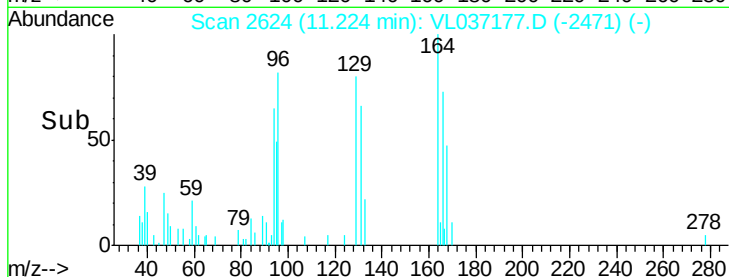
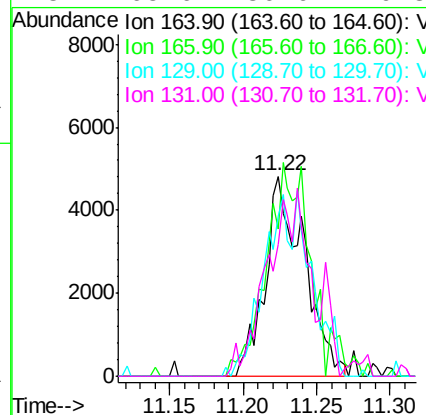
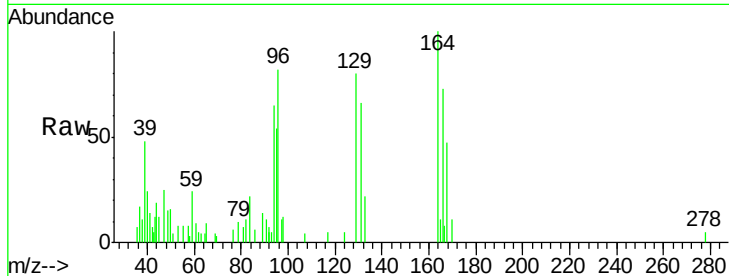
#52
Tetrachloroethene
Concen: 0.059 ppbv m
RT: 11.22 min Scan# 2624
Delta R.T. -0.01 min
Lab File: VL037177.D
Acq: 16 Jun 2021 19:21

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tot Ion	Ratio	Lower	Upper
164	100		
166	73.3	97.6	146.4#
129	79.8	82.9	124.3#
131	65.6	80.6	120.8#

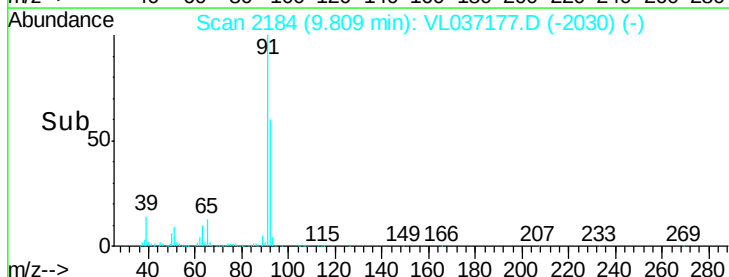
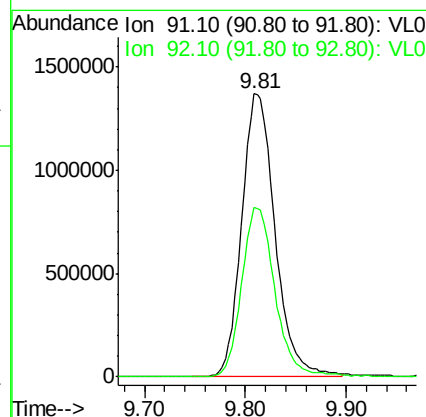
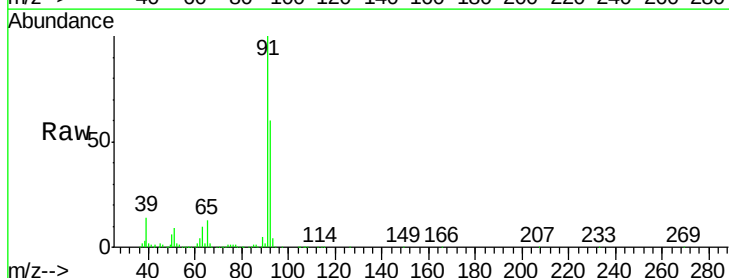
Manual Integrations
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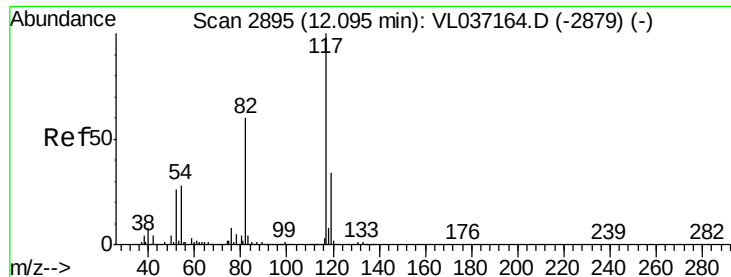
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#53
Toluene
Concen: 8.192 ppbv
RT: 9.81 min Scan# 2184
Delta R.T. -0.01 min
Lab File: VL037177.D
Acq: 16 Jun 2021 19:21

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.2	48.3	72.5





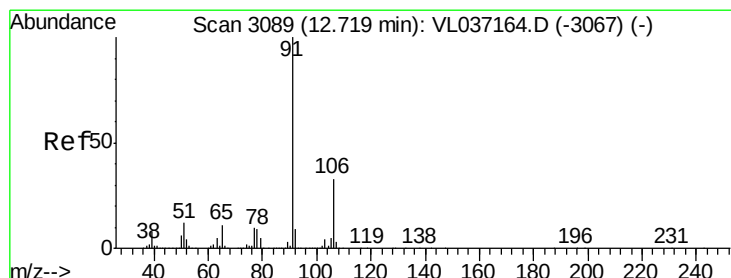
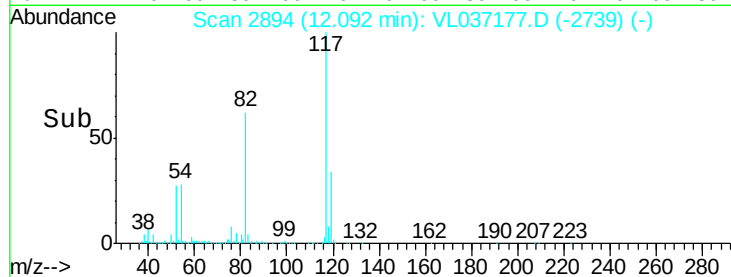
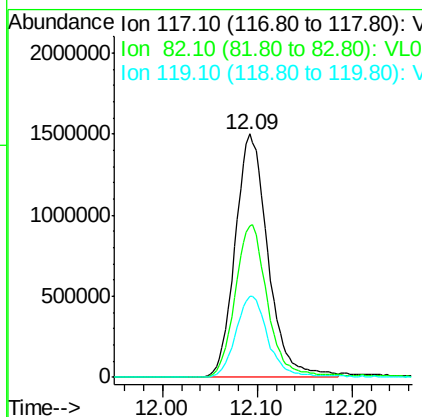
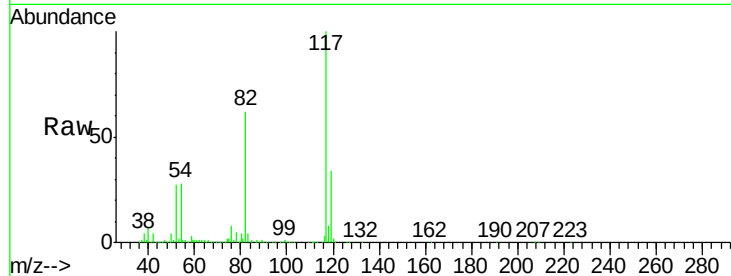
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL037177.D
Acq: 16 Jun 2021 19:21

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tot Ion:117 Resp: 3622283
Ion Ratio Lower Upper
117 100
82 63.1 51.7 77.5
119 33.6 47.6 71.4#

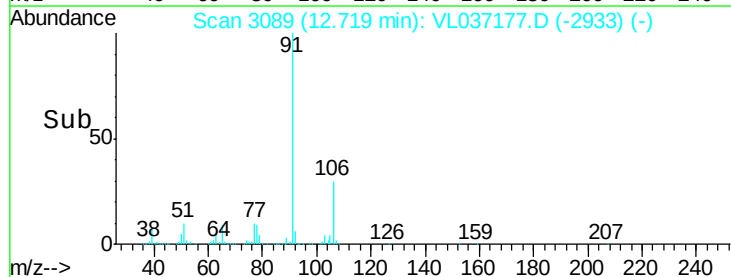
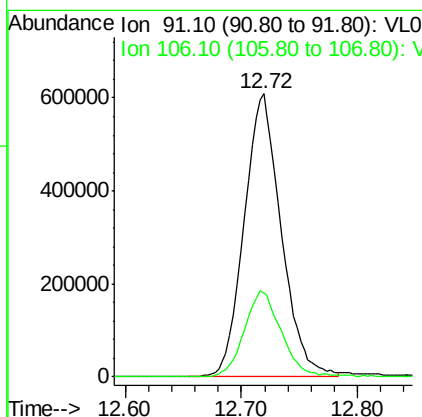
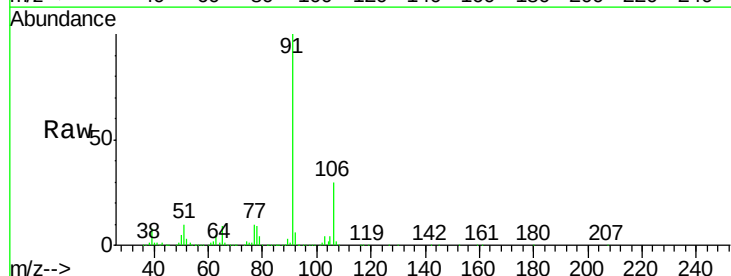
Manual Integrations
APPROVED

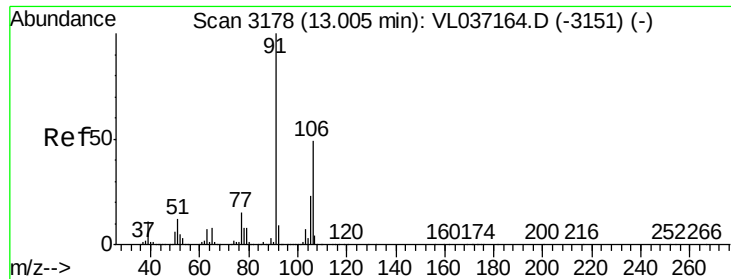
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6/17/2021 5:37:43 PM



#58
Ethyl Benzene
Concen: 2.720 ppbv
RT: 12.72 min Scan# 3089
Delta R.T. 0.00 min
Lab File: VL037177.D
Acq: 16 Jun 2021 19:21

Tgt Ion: 91 Resp: 1356118
Ion Ratio Lower Upper
91 100
106 29.6 26.3 39.5





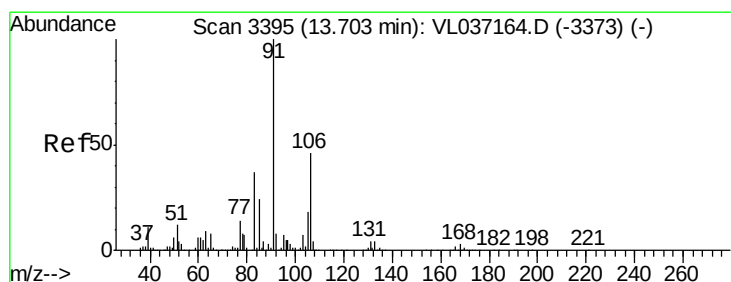
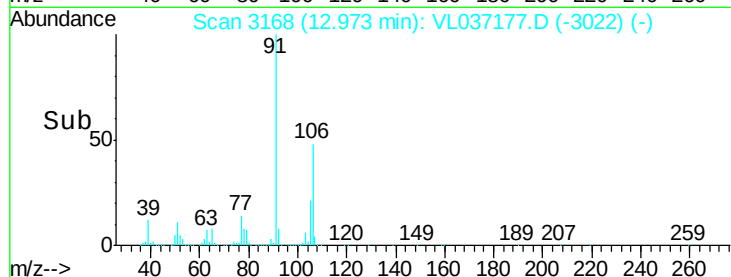
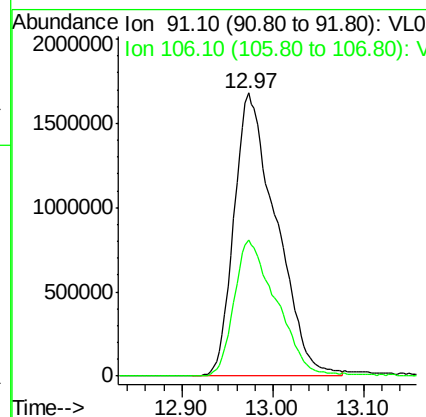
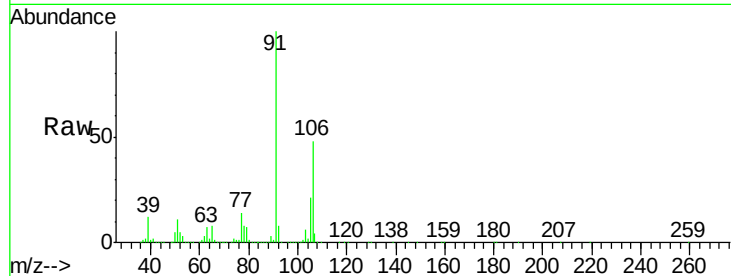
#59
m/p-Xylene
Concen: 12.762 ppbv
RT: 12.97 min Scan# 3168
Delta R.T. -0.03 min
Lab File: VL037177.D
Acq: 16 Jun 2021 19:21

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDUP

Tot Ion: 91 Resp: 5393179
Ion Ratio Lower Upper
91 100
106 48.9 37.0 55.4

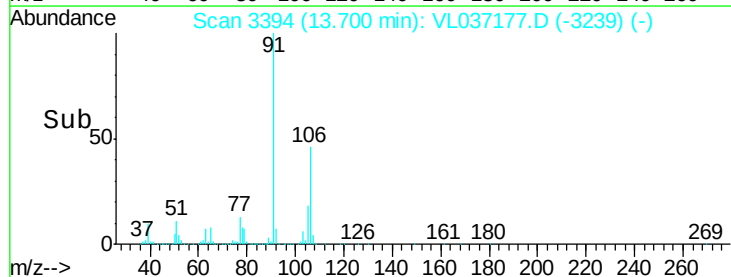
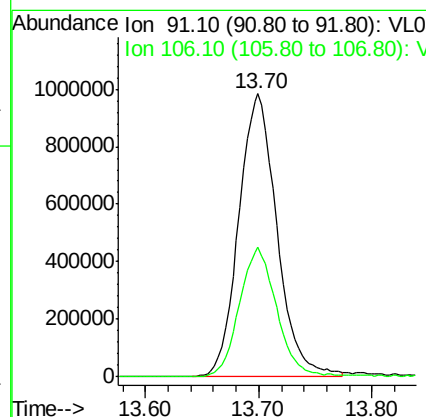
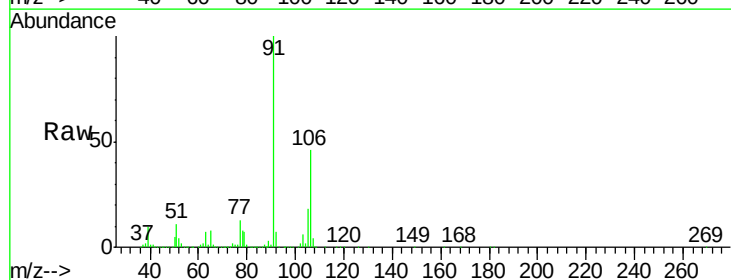
Manual Integrations
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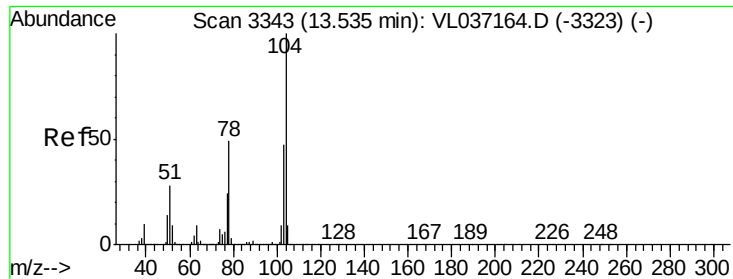
MMDadoda
6/17/2021 5:37:43 PM



#60
o-Xylene
Concen: 5.722 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. -0.00 min
Lab File: VL037177.D
Acq: 16 Jun 2021 19:21

Tgt Ion: 91 Resp: 2302307
Ion Ratio Lower Upper
91 100
106 45.6 23.0 69.0





#61

Stvrene

Concen: 0.141 ppbv m

RT: 13.54 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VL037177.D

Acq: 16 Jun 2021 19:21

Instrument :

MSVOA_L

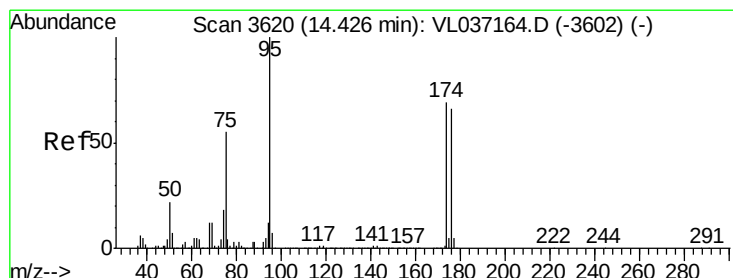
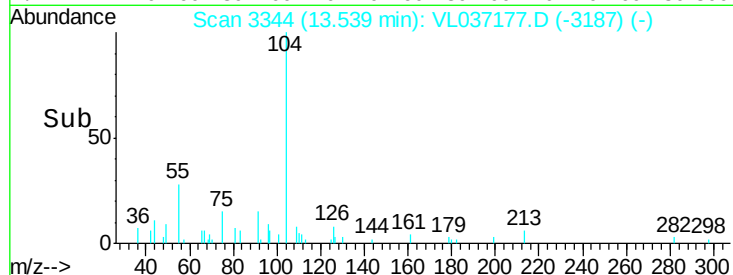
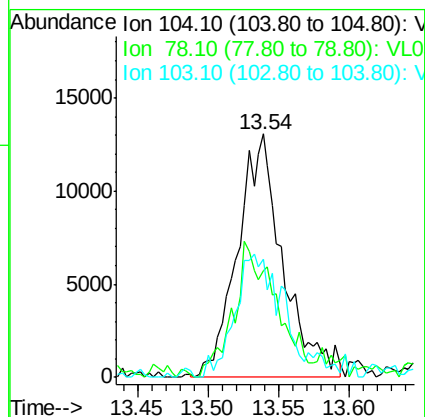
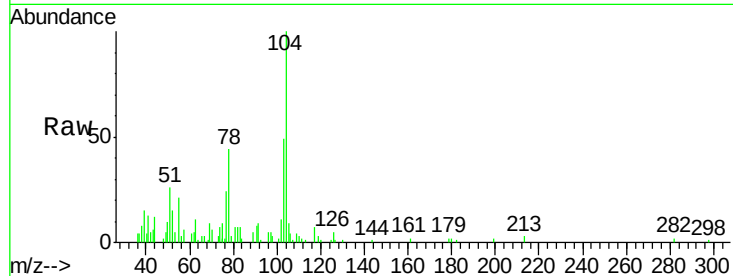
ClientSampleId :

EFFLUENTDUP

Tot Ion:	104	Resp:	29201
Ion Ratio	Lower	Upper	
104	100		
78	57.9	39.7	59.5
103	57.7	37.6	56.4#

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6/17/2021 5:37:43 PM



#68

1-Bromo-4-Fluorobenzene

Concen: 9.692 ppbv

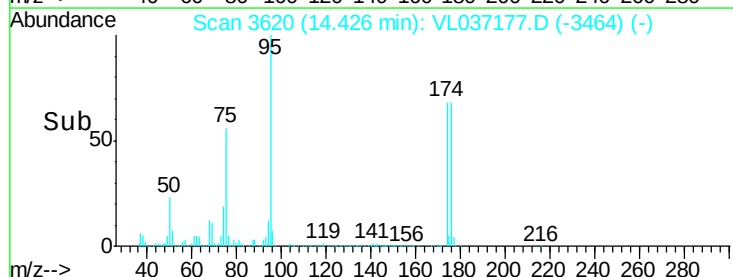
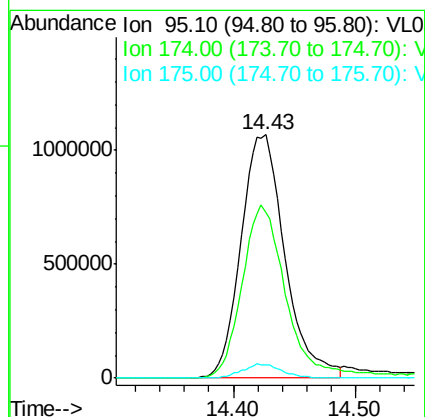
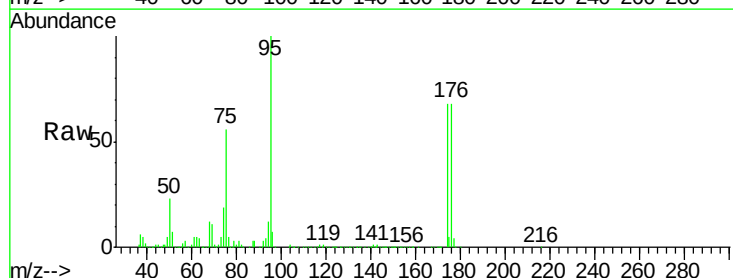
RT: 14.43 min Scan# 3620

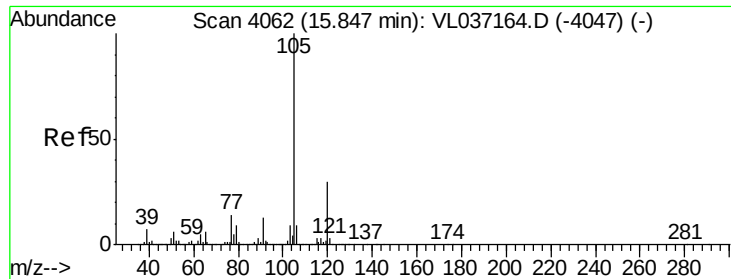
Delta R.T. 0.00 min

Lab File: VL037177.D

Acq: 16 Jun 2021 19:21

Tgt Ion:	95	Resp:	2660301
Ion Ratio	Lower	Upper	
95	100		
174	73.8	57.0	85.4
175	5.6	4.4	6.6





#72

4-Ethyltoluene

Concen: 0.126 ppbv m

RT: 15.85 min Scan# 4062

Delta R.T. 0.00 min

Lab File: VL037177.D

Acq: 16 Jun 2021 19:21

Instrument :

MSVOA_L

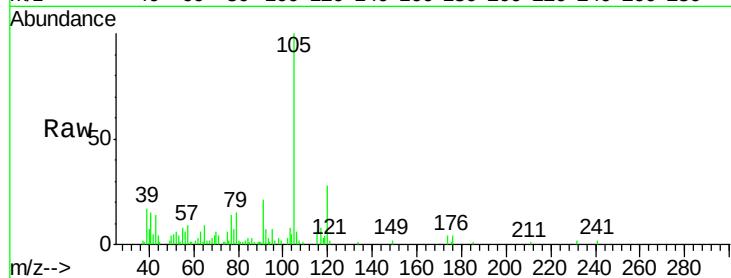
ClientSampleId :

EFFLUENTDUP

Tot Ion:	105	Resp:	57472
Ion Ratio	Lower	Upper	
105	100		
120	26.2	24.7	37.1
91	0.0	10.2	15.4#
77	0.0	11.0	16.6#

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6/17/2021 5:37:43 PM

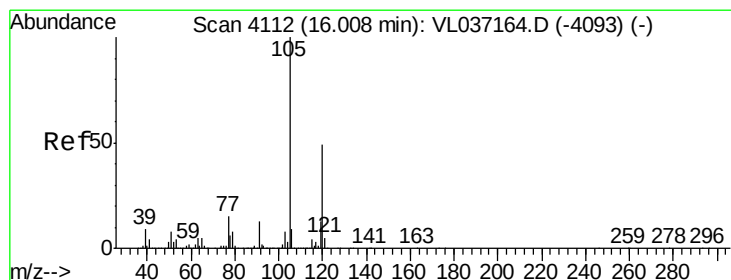
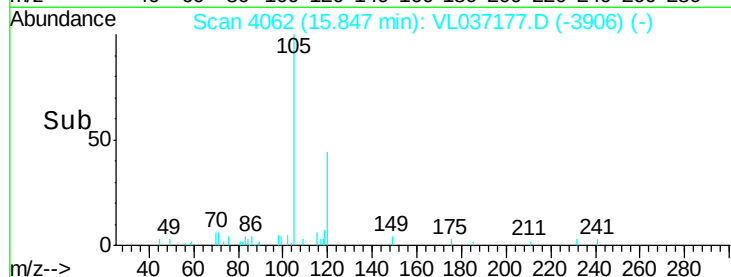
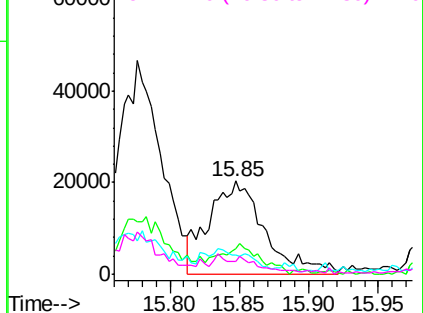


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#73

1,3,5-Trimethylbenzene

Concen: 0.195 ppbv m

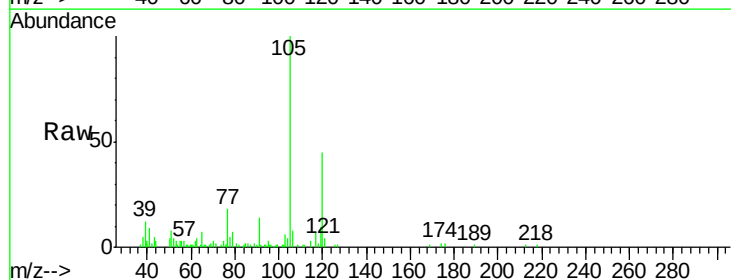
RT: 16.01 min Scan# 4113

Delta R.T. 0.00 min

Lab File: VL037177.D

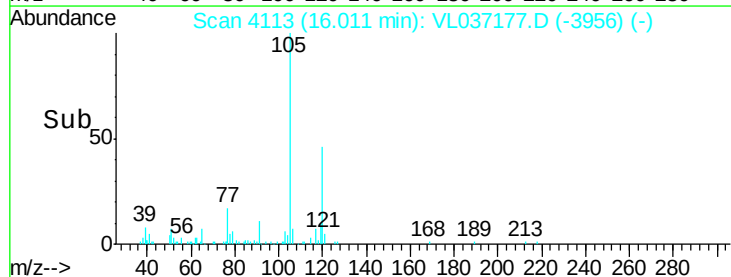
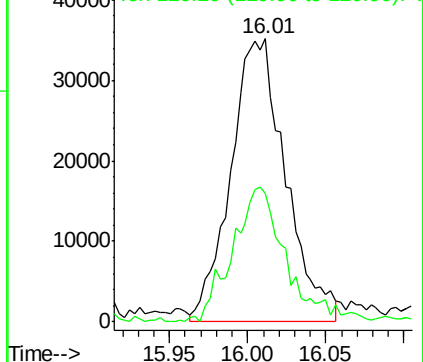
Acq: 16 Jun 2021 19:21

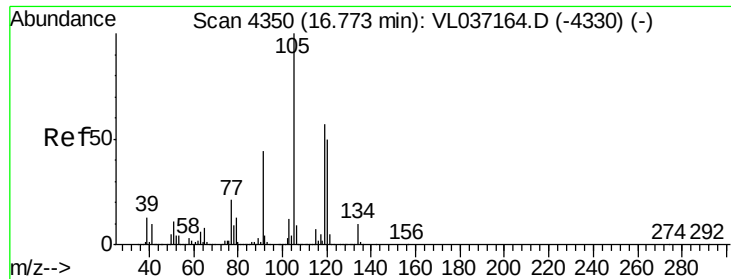
Tgt Ion:	105	Resp:	86239
Ion Ratio	Lower	Upper	
105	100		
120	45.3	39.4	59.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#74

1,2,4-Trimethylbenzene

Concen: 0.394 ppbv

RT: 16.77 min Scan# 4350

Delta R.T. 0.00 min

Lab File: VL037177.D

Acq: 16 Jun 2021 19:21

Instrument :

MSVOA_L

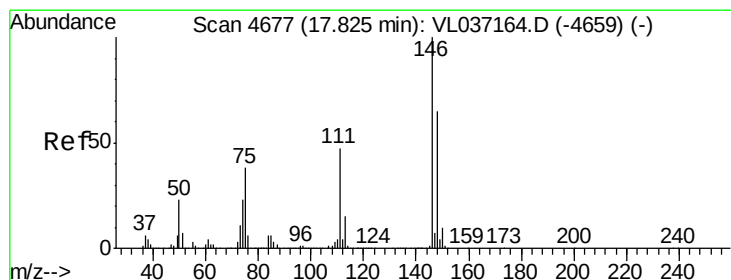
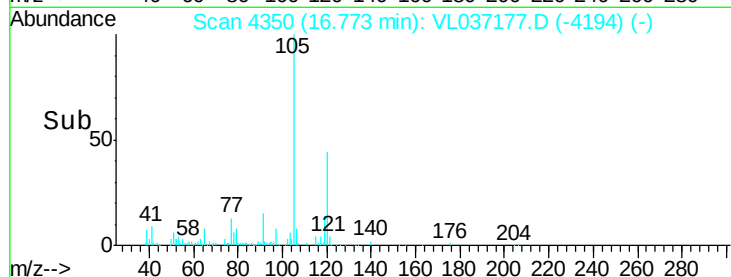
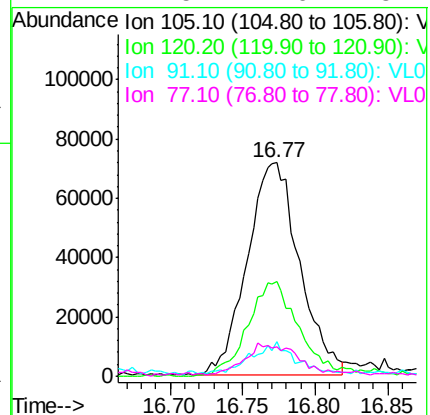
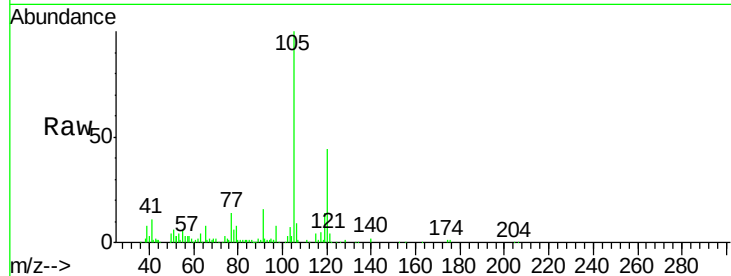
ClientSampleId :

EFFLUENTDUP

Tot Ion:	105	Resp:	179223
Ion Ratio	Lower	Upper	
105	100		
120	44.5	39.8	59.8
91	14.4	37.0	55.4#
77	12.5	17.0	25.4#

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6/17/2021 5:37:43 PM



#77

1,2-Dichlorobenzene

Concen: 0.097 ppbv m

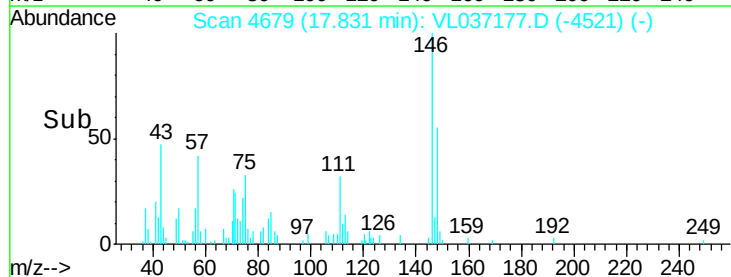
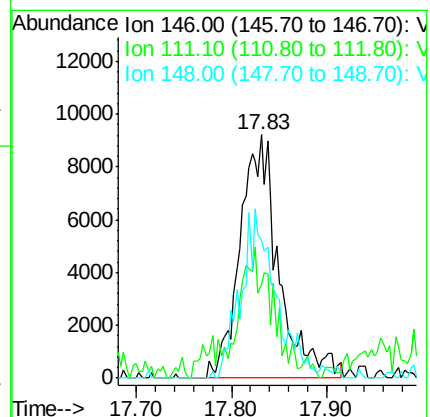
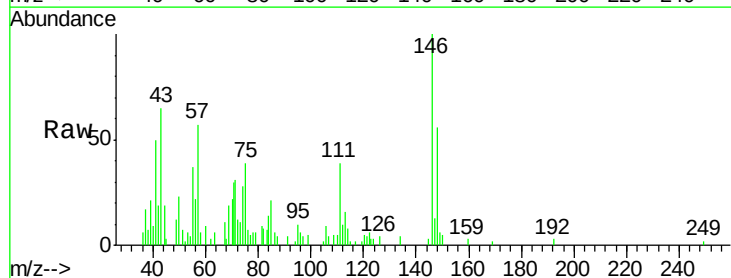
RT: 17.83 min Scan# 4679

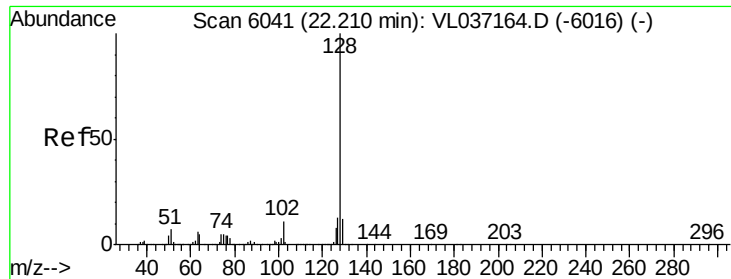
Delta R.T. 0.01 min

Lab File: VL037177.D

Acq: 16 Jun 2021 19:21

Tgt Ion:	146	Resp:	25855
Ion Ratio	Lower	Upper	
146	100		
111	0.0	23.3	69.8#
148	0.0	32.4	97.0#





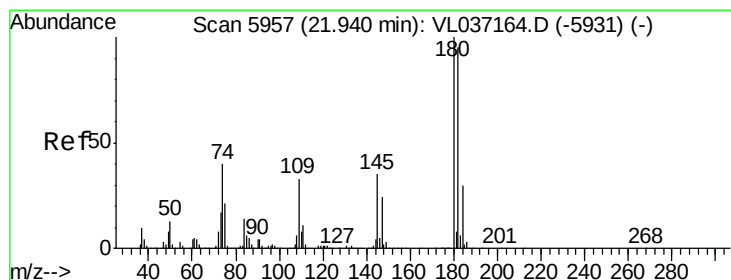
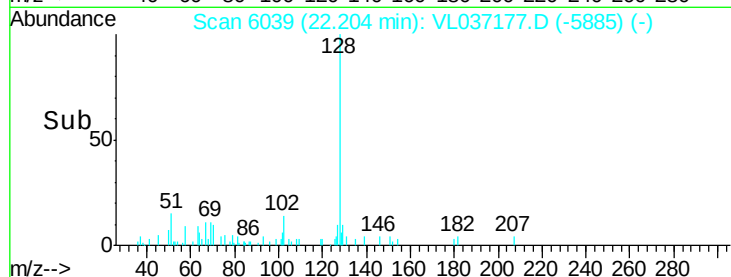
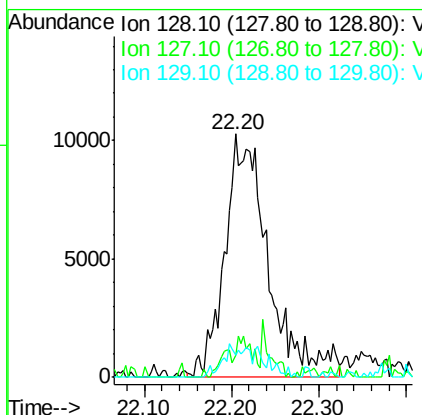
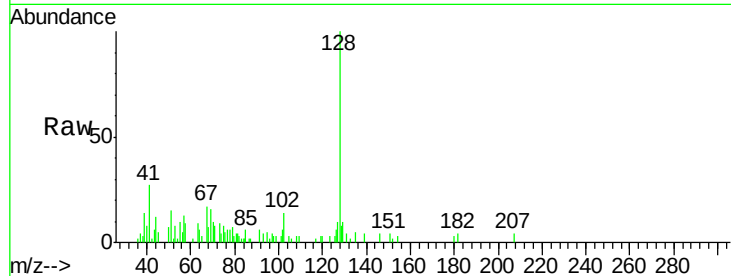
#79
Naphthalene
Concen: 0.093 ppbv m
RT: 22.20 min Scan# 6039
Delta R.T. -0.01 min
Lab File: VL037177.D
Acq: 16 Jun 2021 19:21

Instrument :
MSVOA_L
ClientSampled :
EFFLUENTDUP

Tot Ion	Ratio	Lower	Upper
128	100		
127	10.0	10.7	16.1#
129	10.0	9.3	13.9

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6/17/2021 5:37:43 PM



#81
1,2,4-Trichlorobenzene
Concen: 0.109 ppbv m
RT: 21.94 min Scan# 5957
Delta R.T. 0.00 min
Lab File: VL037177.D
Acq: 16 Jun 2021 19:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	79.3	118.9#
184	0.0	24.7	37.1#

