

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
 Data File : VL037176.D
 Acq On : 16 Jun 2021 18:39
 Operator : SY/AP
 Sample : M2713-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT

Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 5:37:39 PM

Quant Time: Jun 17 15:28:55 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	1361553	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3879932	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3587508	10.00	ppbv	0.00

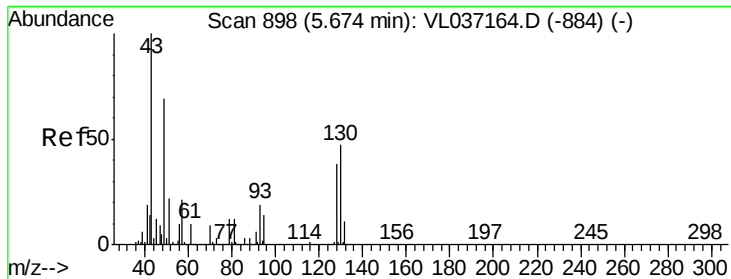
System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2757334	10.14	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	63602	0.269	ppbv	97
3) Chlorodifluoromethane	2.98	51	147746m	0.558	ppbv	
4) Chloromethane	3.14	50	42764	0.485	ppbv #	88
7) Chloroethane	3.56	64	8904	0.257	ppbv #	82
9) Propene	3.02	41	38201m	0.451	ppbv	
10) Heptane	8.12	43	181944	0.887	ppbv	97
11) Trichlorofluoromethane	3.95	101	66964m	0.265	ppbv	
13) Ethanol	3.61	45	198586m	15.165	ppbv	
15) Acetone	3.85	43	1309937	8.532	ppbv	97
17) tert-Butyl alcohol	4.30	59	51376m	0.362	ppbv	
19) Isopropyl Alcohol	3.98	45	249297	2.681	ppbv #	91
20) Methylene Chloride	4.35	84	1927337	20.968	ppbv	98
24) 1,1-Dichloroethane	5.02	63	345708	1.950	ppbv	98
26) Hexane	5.69	57	1201166	7.150	ppbv #	48
29) Chloroform	5.75	83	27515	0.106	ppbv	88
30) Cyclohexane	7.19	84	20222m	0.144	ppbv	
32) 1,1,1-Trichloroethane	6.51	97	542889	1.955	ppbv	99
34) 2-Butanone	5.25	43	391915	2.597	ppbv	99
35) Carbon Tetrachloride	7.02	117	16649m	0.064	ppbv	
36) Benzene	6.89	78	40269	0.128	ppbv	95
38) Trichloroethene	7.84	130	12128m	0.081	ppbv	
41) Tetrahydrofuran	6.06	42	151627	2.163	ppbv	94
44) 2,2,4-Trimethylpentane	7.88	57	59451	0.113	ppbv #	20
50) 4-Methyl-2-Pentanone	8.76	43	612209	2.954	ppbv	99
52) Tetrachloroethene	11.24	164	9995m	0.069	ppbv	
53) Toluene	9.81	91	3177178	8.478	ppbv	99
58) Ethyl Benzene	12.72	91	1391578	2.818	ppbv	97
59) m/p-Xylene	12.97	91	5548831	13.258	ppbv	96
60) o-Xylene	13.70	91	2380802	5.974	ppbv	99
61) Styrene	13.53	104	28032m	0.136	ppbv	
72) 4-Ethyltoluene	15.85	105	45160	0.100	ppbv #	83
73) 1,3,5-Trimethylbenzene	16.01	105	85187m	0.195	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	177222	0.393	ppbv #	68
77) 1,2-Dichlorobenzene	17.83	146	26841m	0.101	ppbv	
79) Naphthalene	22.21	128	38098m	0.101	ppbv	
81) 1,2,4-Trichlorobenzene	21.94	180	26779m	0.123	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.00 min

Lab File: VL037176.D

Acq: 16 Jun 2021 18:39

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENT

Tot Ion: 49 Resp: 1361553

Ion Ratio Lower Upper

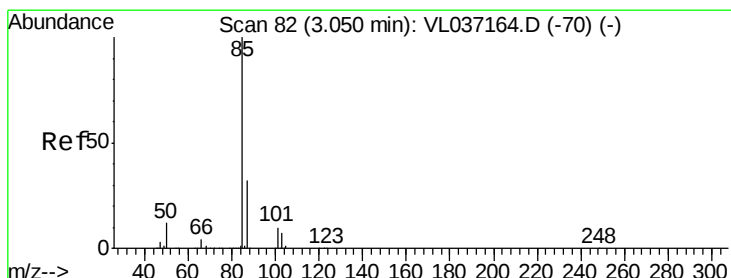
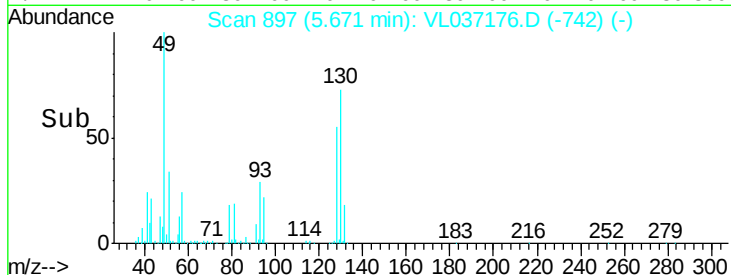
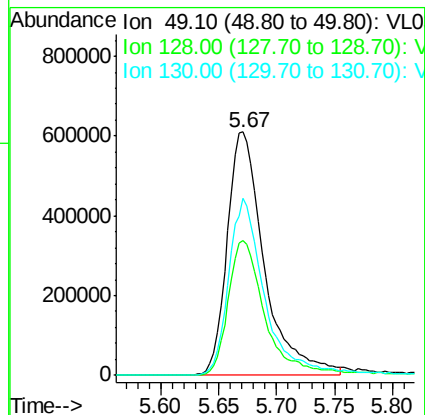
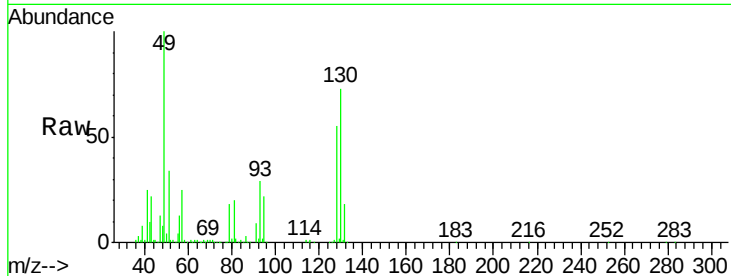
49 100

128 55.8 29.3 88.0

130 71.9 35.9 107.8

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#2

Dichlorodifluoromethane

Concen: 0.269 ppbv

RT: 3.05 min Scan# 81

Delta R.T. -0.00 min

Lab File: VL037176.D

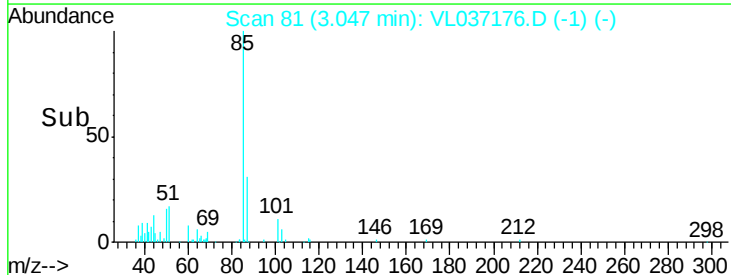
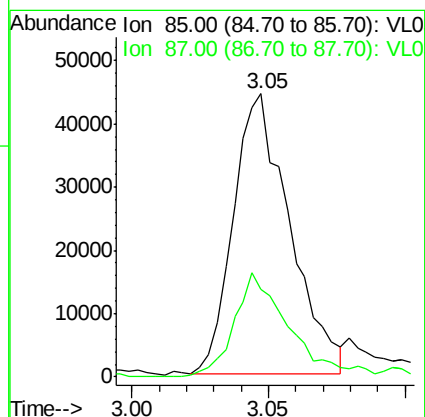
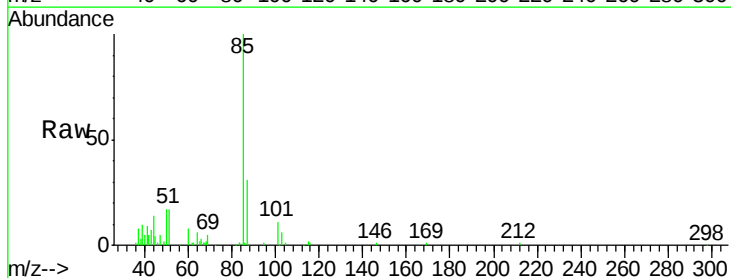
Acq: 16 Jun 2021 18:39

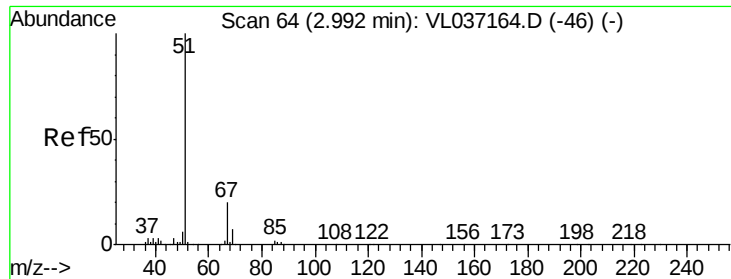
Tgt Ion: 85 Resp: 63602

Ion Ratio Lower Upper

85 100

87 30.3 25.8 38.6





#3

Chlorodifluoromethane

Concen: 0.558 ppbv

RT: 2.98 min Scan# 61

Delta R.T. -0.01 min

Lab File: VL037176.D

Acq: 16 Jun 2021 18:39

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENT

Tot Ion: 51 Resp: 147746

Ion Ratio Lower Upper

51 100

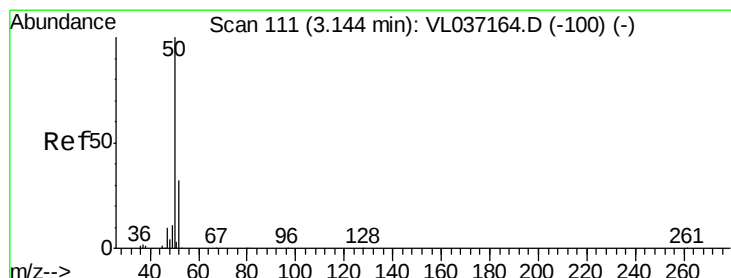
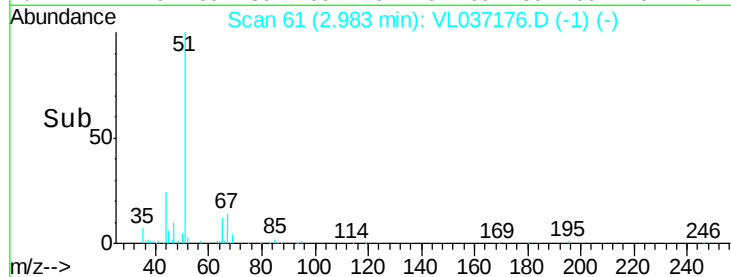
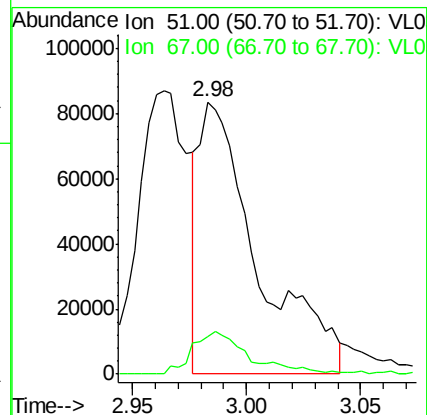
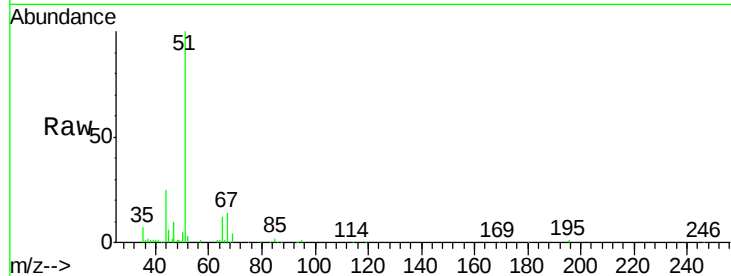
67 16.2 15.8 23.6

Manual Integrations

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#4

Chloromethane

Concen: 0.485 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL037176.D

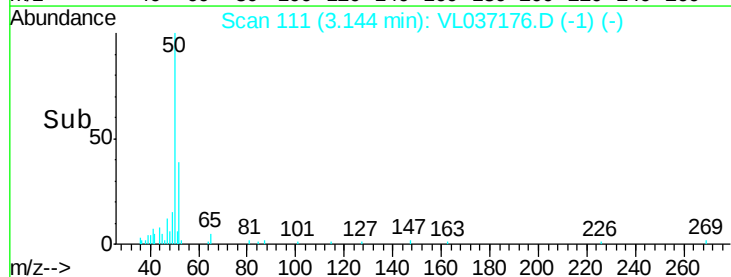
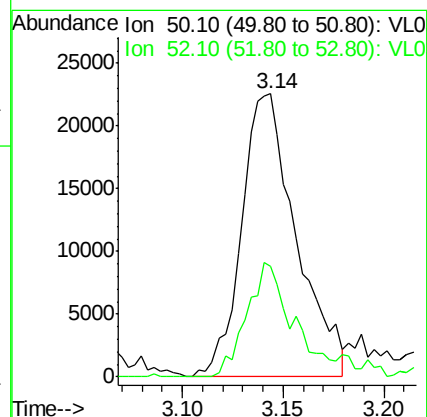
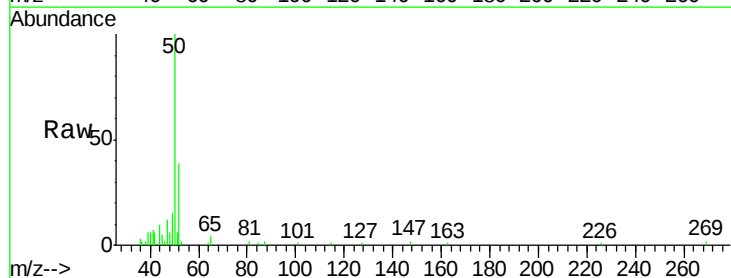
Acq: 16 Jun 2021 18:39

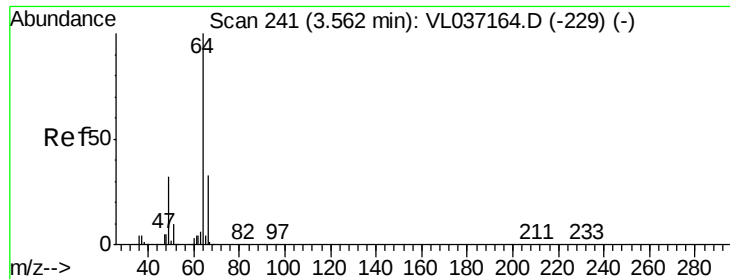
Tgt Ion: 50 Resp: 42764

Ion Ratio Lower Upper

50 100

52 39.0 25.8 38.8#





#7

Chloroethane

Concen: 0.257 ppbv

RT: 3.56 min Scan# 240

Delta R.T. -0.00 min

Lab File: VL037176.D

Acq: 16 Jun 2021 18:39

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENT

Tot Ion: 64 Resp: 8904

Ion Ratio Lower Upper

64 100

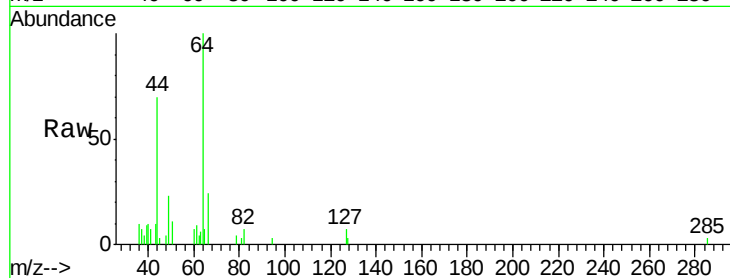
66 22.6 26.2 39.4#

Manual Integrations

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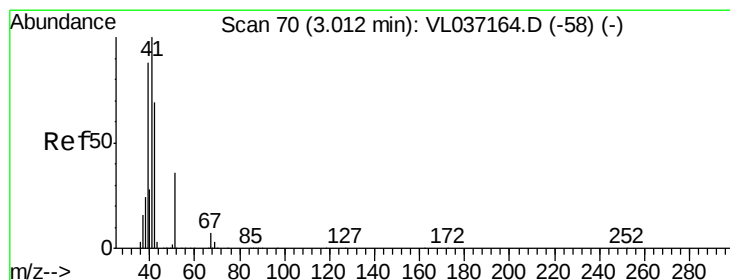
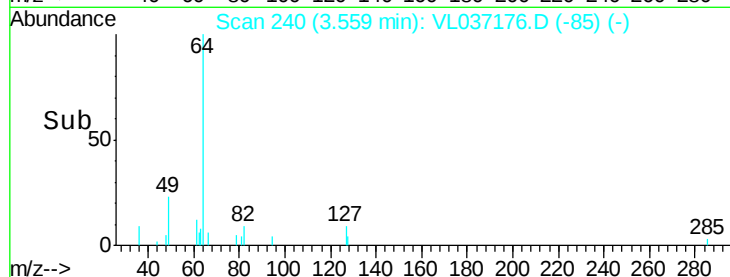
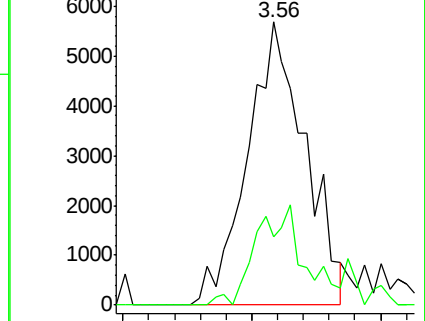
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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#9

Propene

Concen: 0.451 ppbv m

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL037176.D

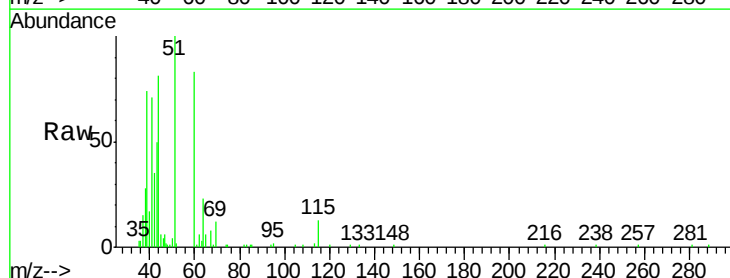
Acq: 16 Jun 2021 18:39

Tgt Ion: 41 Resp: 38201

Ion Ratio Lower Upper

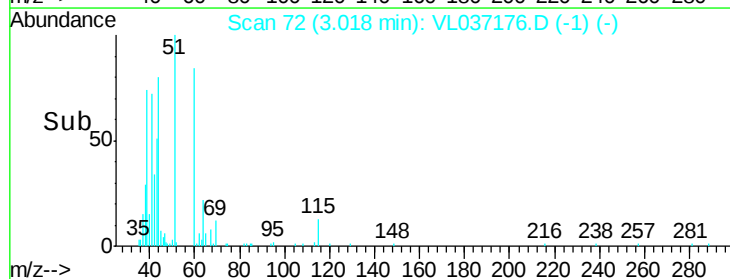
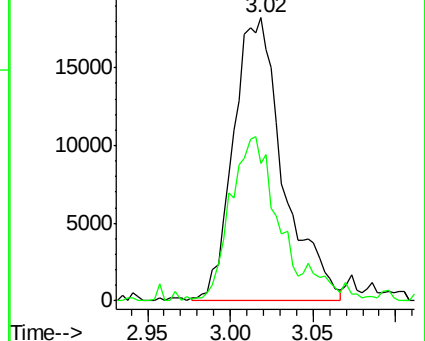
41 100

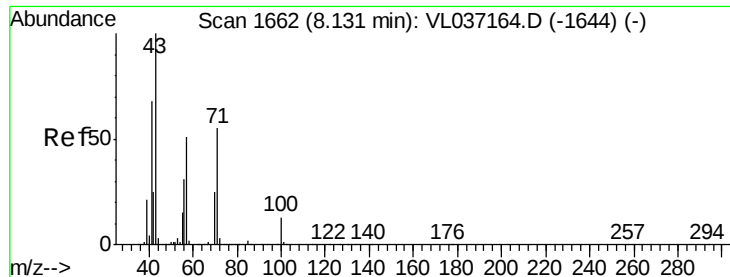
42 0.0 54.5 81.7#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#10

Heptane

Concen: 0.887 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. -0.01 min

Lab File: VL037176.D

Acq: 16 Jun 2021 18:39

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENT

Tot Ion: 43 Resp: 181944

Ion Ratio Lower Upper

43 100

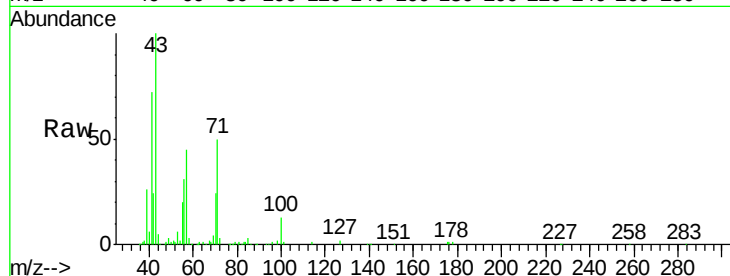
57 53.1 40.6 61.0

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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

8.12

100000

80000

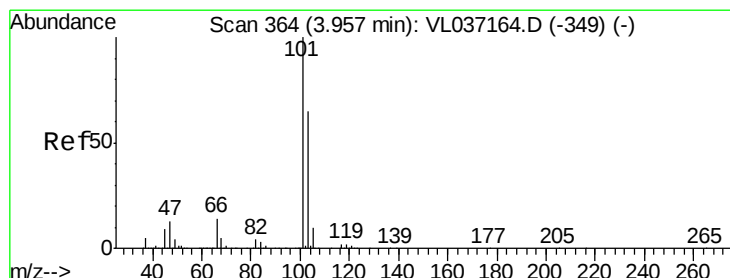
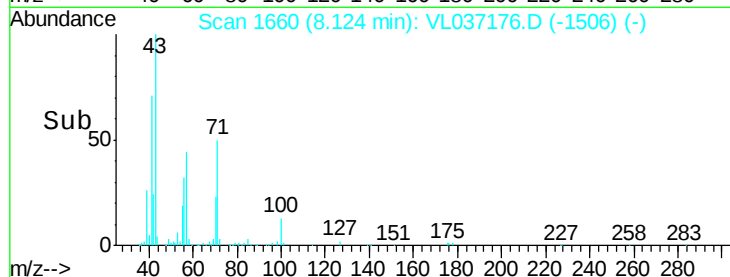
60000

40000

20000

0

Time-->



#11

Trichlorofluoromethane

Concen: 0.265 ppbv m

RT: 3.95 min Scan# 361

Delta R.T. -0.01 min

Lab File: VL037176.D

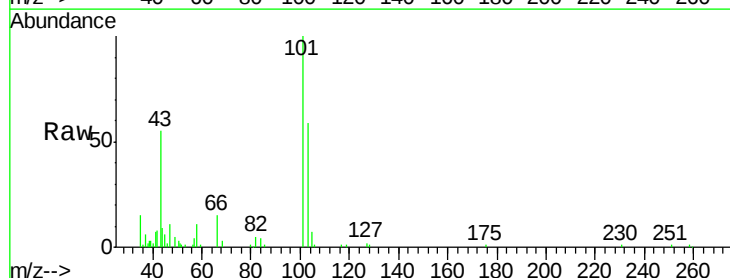
Acq: 16 Jun 2021 18:39

Tgt Ion: 101 Resp: 66964

Ion Ratio Lower Upper

101 100

103 58.7 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

3.95

40000

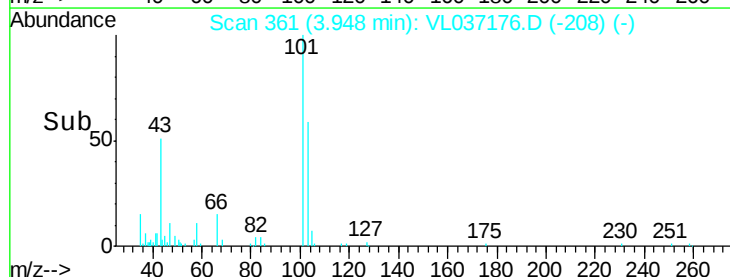
30000

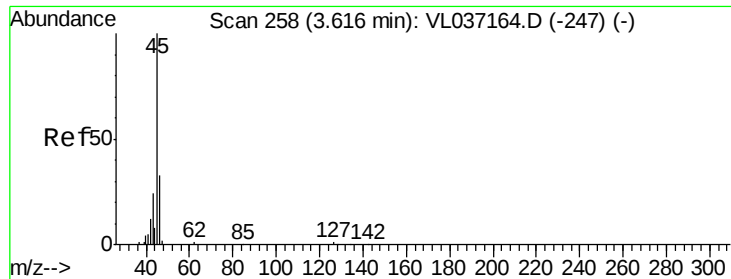
20000

10000

0

Time-->





#13

Ethanol

Concen: 15.165 ppbv m

RT: 3.61 min Scan# 257

Delta R.T. -0.00 min

Lab File: VL037176.D

Acq: 16 Jun 2021 18:39

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENT

Tot Ion: 45 Resp: 198586

Ion Ratio Lower Upper

45 100

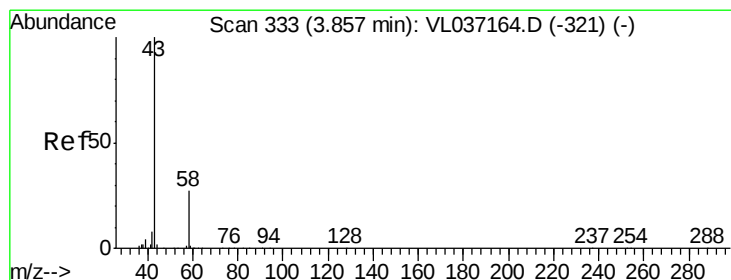
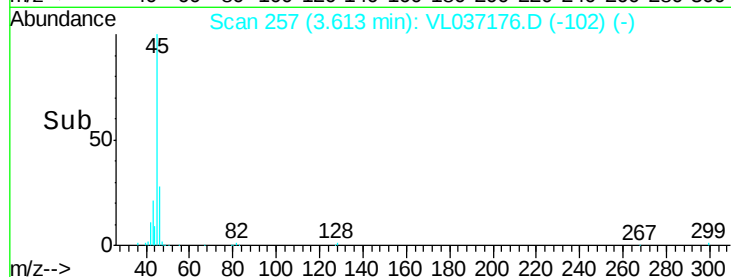
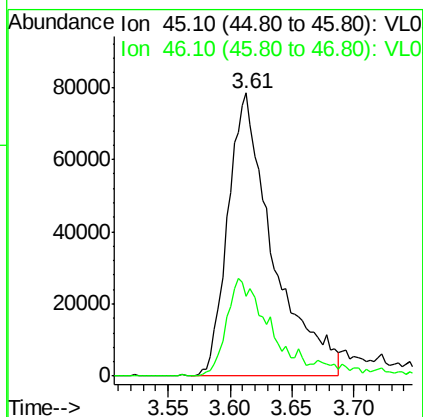
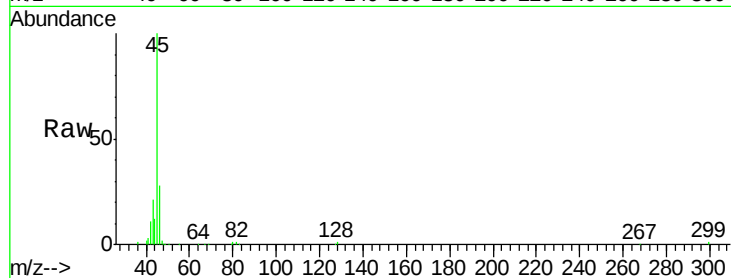
46 37.2 34.2 137.0

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#15

Acetone

Concen: 8.532 ppbv

RT: 3.85 min Scan# 331

Delta R.T. -0.01 min

Lab File: VL037176.D

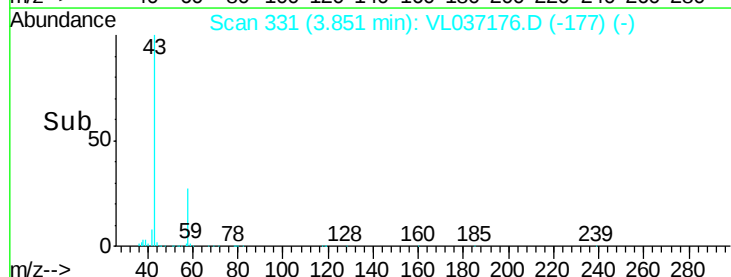
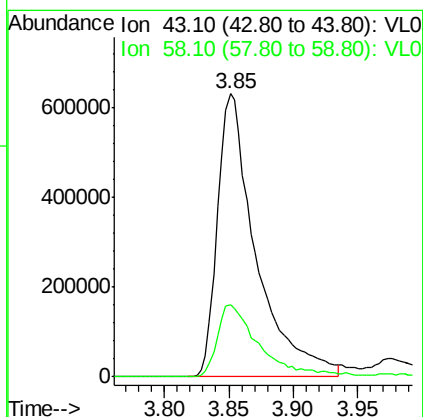
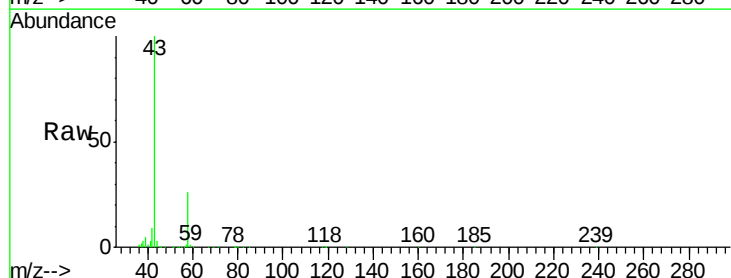
Acq: 16 Jun 2021 18:39

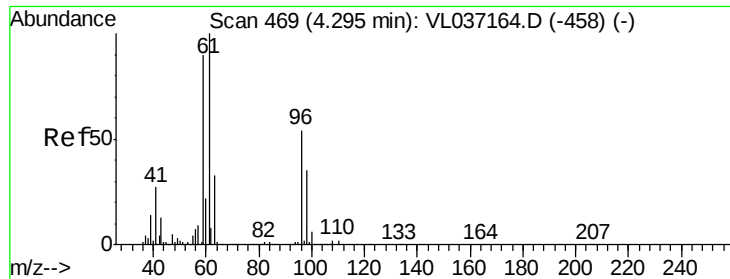
Tgt Ion: 43 Resp: 1309937

Ion Ratio Lower Upper

43 100

58 28.1 23.7 35.5





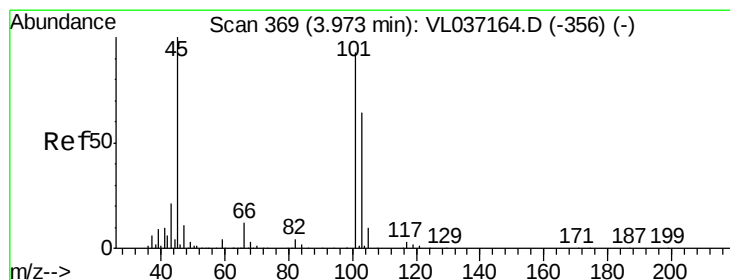
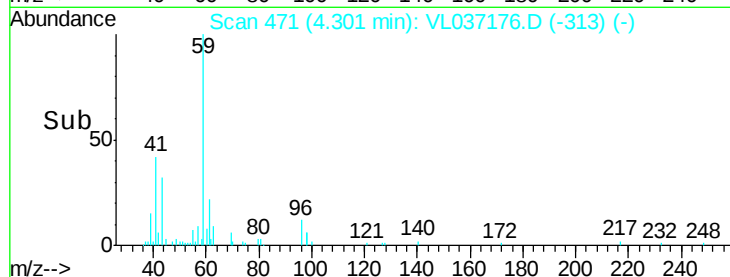
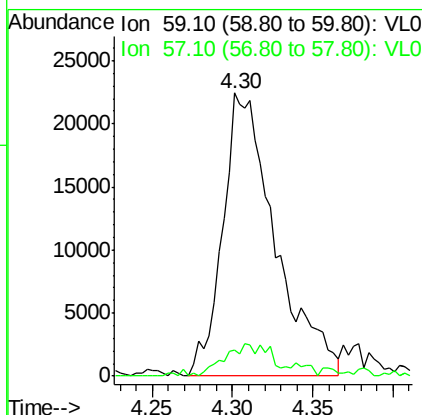
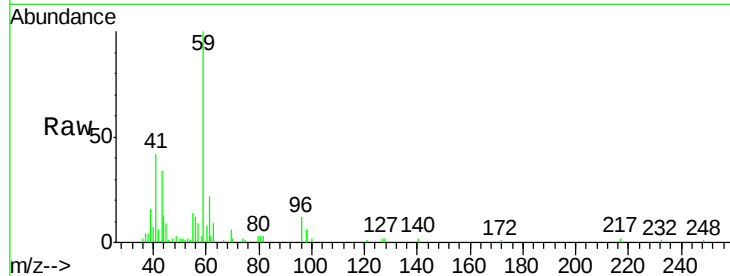
#17
tert-Butyl alcohol
Concen: 0.362 ppbv
RT: 4.30 min Scan# 471
Delta R.T. 0.01 min
Lab File: VL037176.D
Acq: 16 Jun 2021 18:39

Instrument :
MSVOA_L
ClientSampled :
EFFLUENT

Tot Ion: 59 Resp: 51376
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

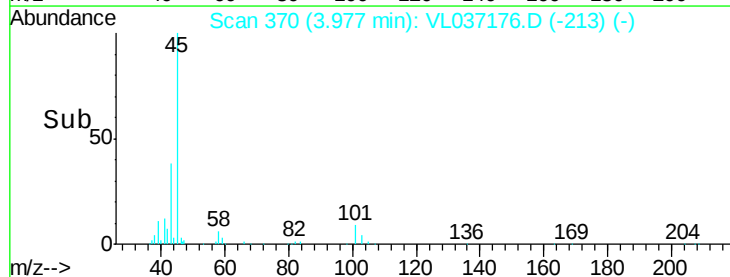
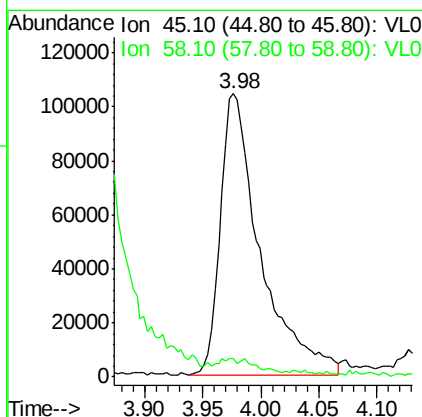
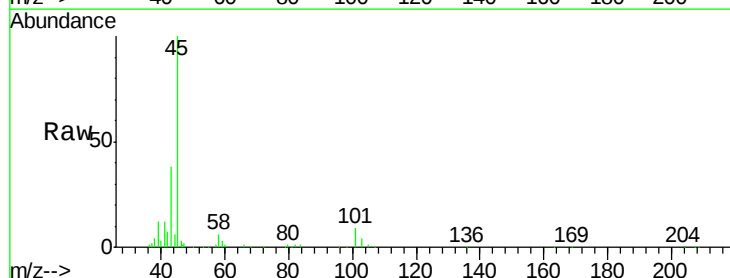
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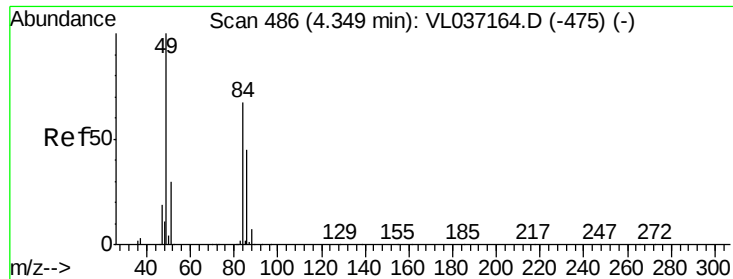
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#19
Isopropyl Alcohol
Concen: 2.681 ppbv
RT: 3.98 min Scan# 370
Delta R.T. 0.00 min
Lab File: VL037176.D
Acq: 16 Jun 2021 18:39

Tgt Ion: 45 Resp: 249297
Ion Ratio Lower Upper
45 100
58 6.1 2.4 3.6#





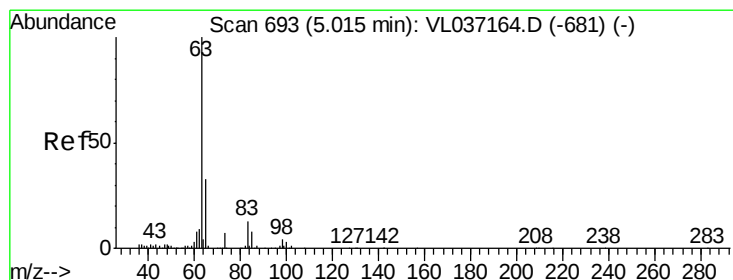
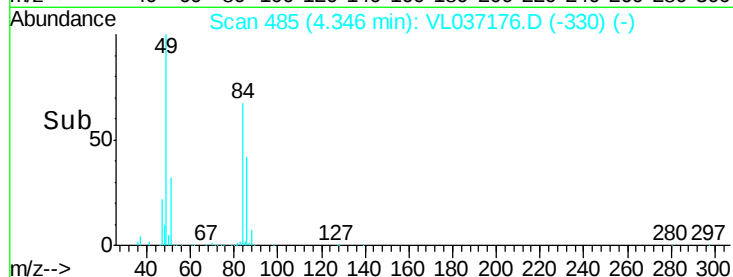
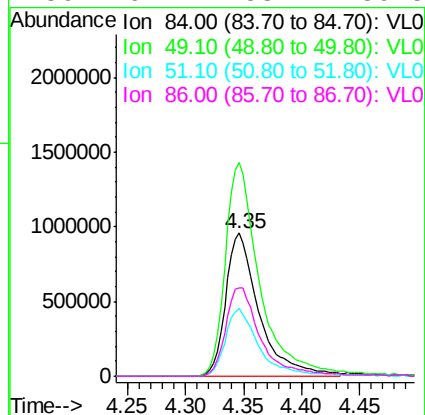
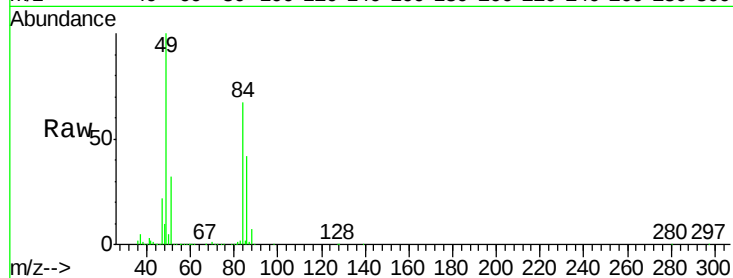
#20
Methvlene Chloride
Concen: 20.968 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.00 min
Lab File: VL037176.D
Acq: 16 Jun 2021 18:39

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENT

Tot Ion:	84	Resp:	1927337
Ion	Ratio	Lower	Upper
84	100		
49	149.1	119.7	179.5
51	47.4	36.1	54.1
86	62.1	53.7	80.5

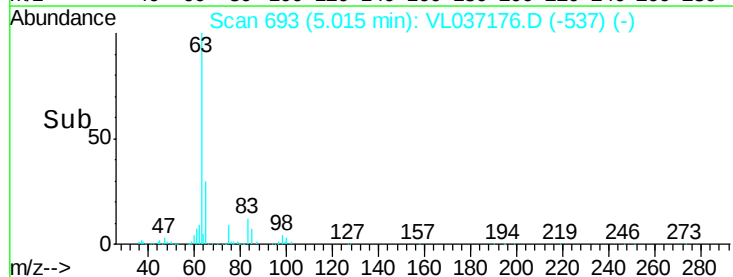
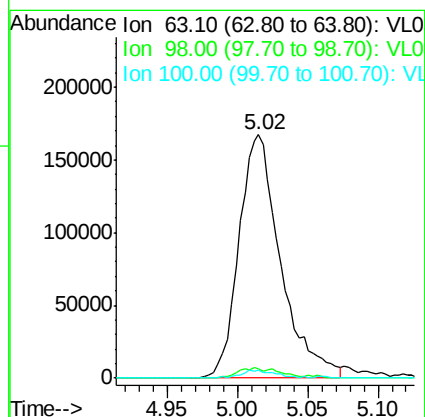
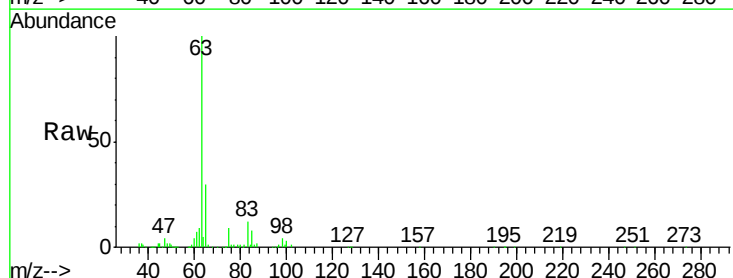
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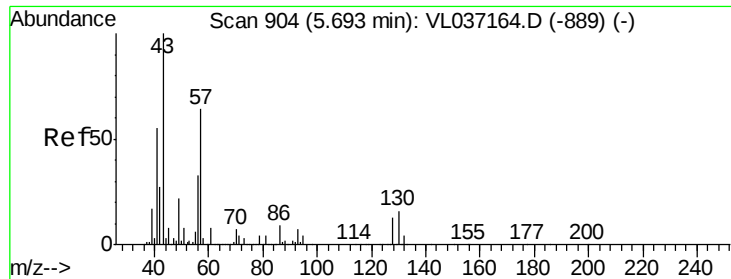
MMDadoda
6/17/2021 5:37:39 PM



#24
1,1-Dichloroethane
Concen: 1.950 ppbv
RT: 5.02 min Scan# 693
Delta R.T. 0.00 min
Lab File: VL037176.D
Acq: 16 Jun 2021 18:39

Tgt Ion:	63	Resp:	345708
Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.1	6.5
100	3.1	1.4	4.0





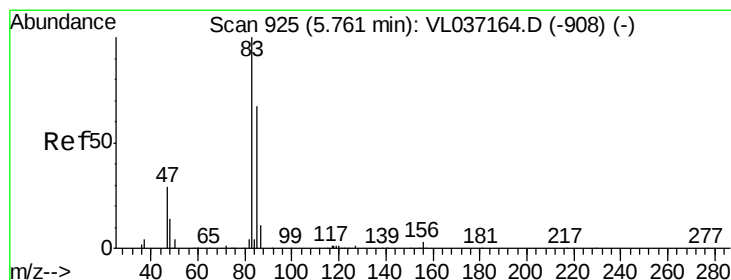
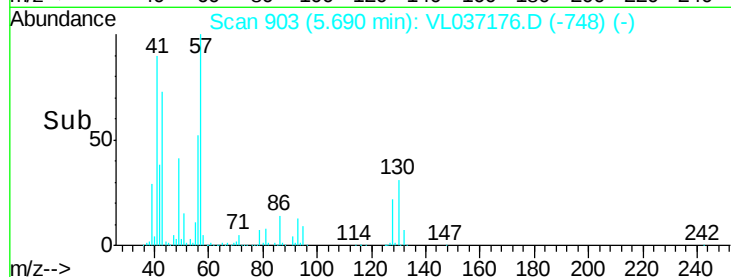
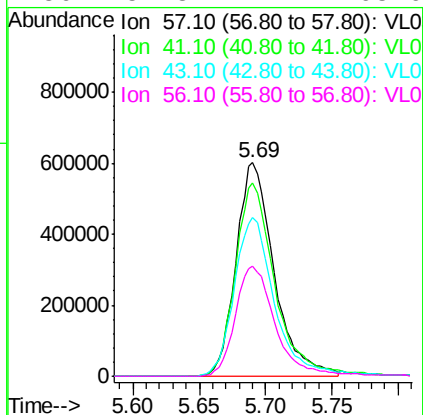
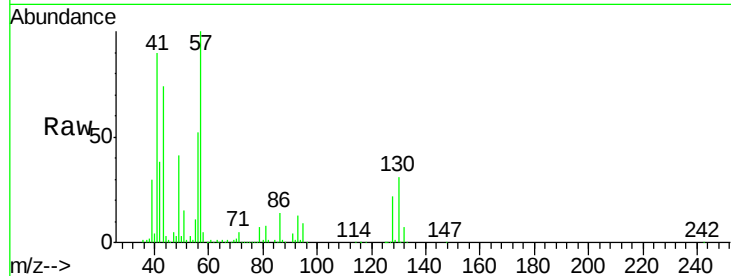
#26
Hexane
Concen: 7.150 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.00 min
Lab File: VL037176.D
Acq: 16 Jun 2021 18:39

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENT

Tot Ion	Ratio	Lower	Upper
57	100		
41	95.2	73.5	110.3
43	79.3	170.7	256.1#
56	54.8	42.4	63.6

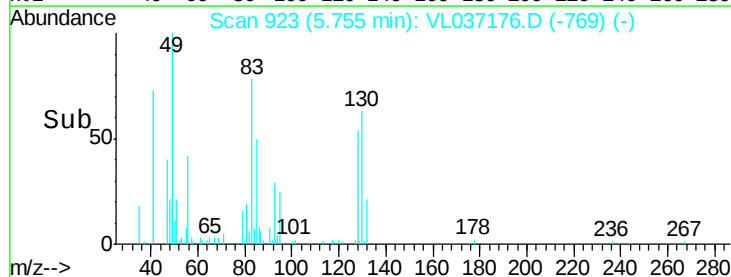
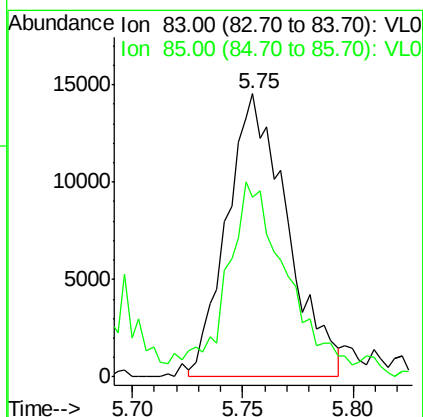
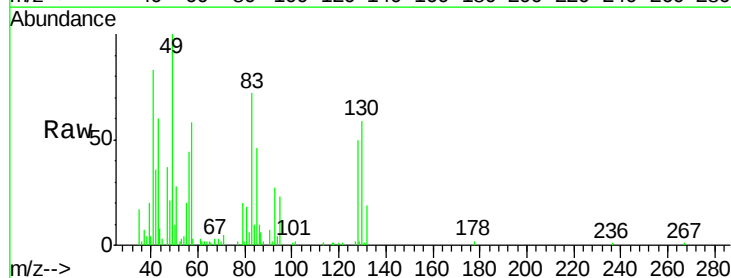
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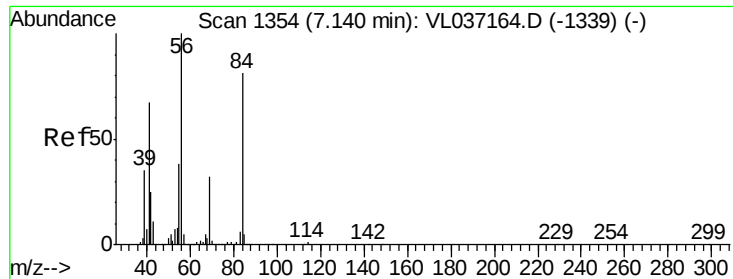
MMDadoda
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#29
Chloroform
Concen: 0.106 ppbv
RT: 5.75 min Scan# 923
Delta R.T. -0.01 min
Lab File: VL037176.D
Acq: 16 Jun 2021 18:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	57.8	53.6	80.4





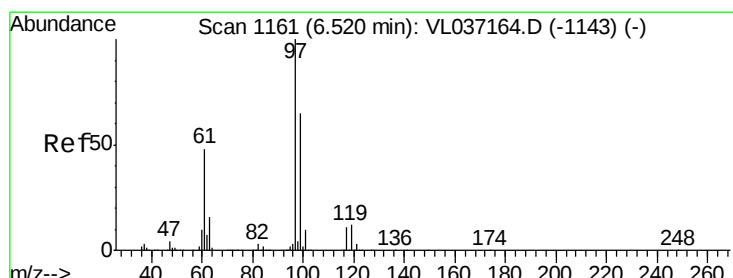
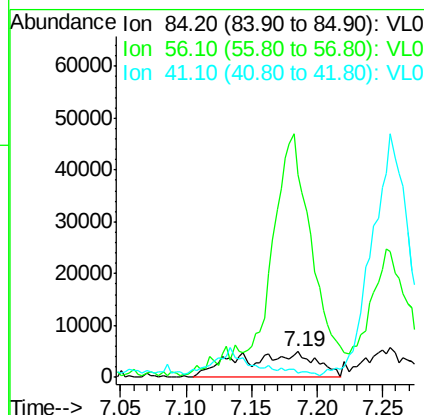
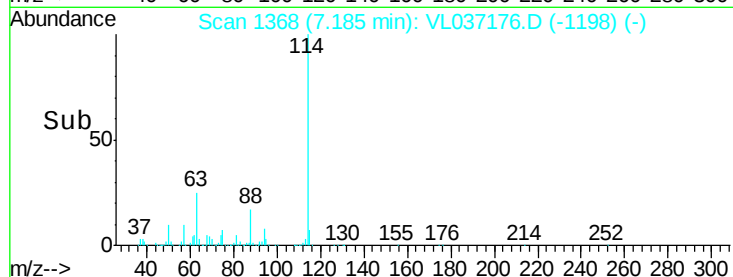
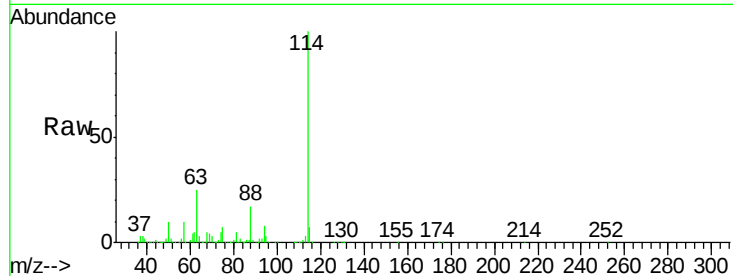
#30
Cvclohexane
Concen: 0.144 ppbv m
RT: 7.19 min Scan# 1368
Delta R.T. 0.05 min
Lab File: VL037176.D
Acq: 16 Jun 2021 18:39

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENT

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	107.7	161.5#
41	44.8	69.0	103.6#

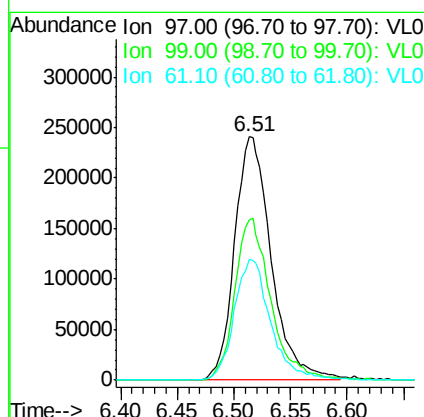
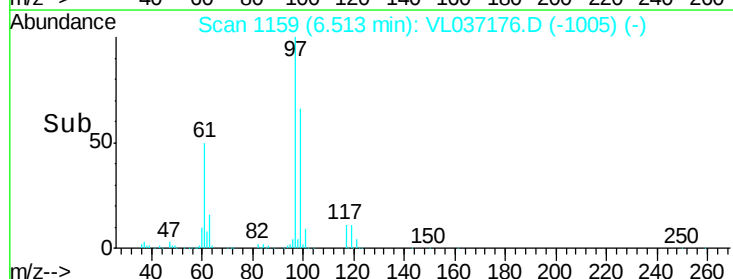
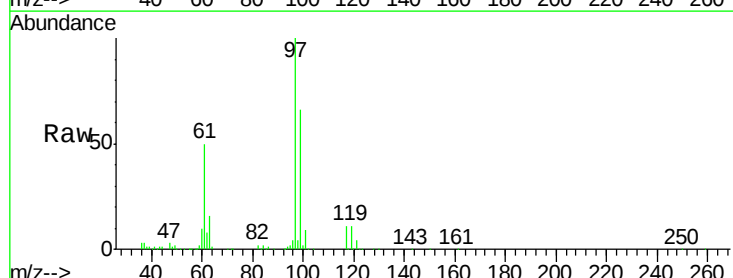
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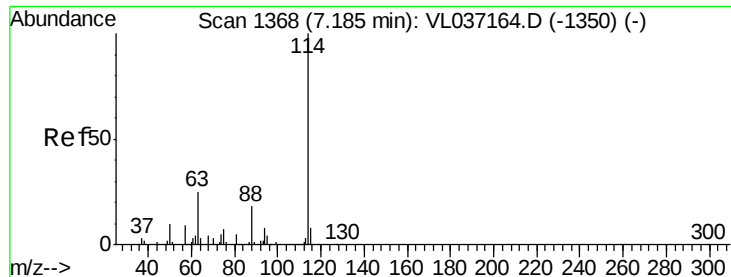
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#32
1,1,1-Trichloroethane
Concen: 1.955 ppbv
RT: 6.51 min Scan# 1159
Delta R.T. -0.01 min
Lab File: VL037176.D
Acq: 16 Jun 2021 18:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	52.2	78.4
61	49.5	38.8	58.2





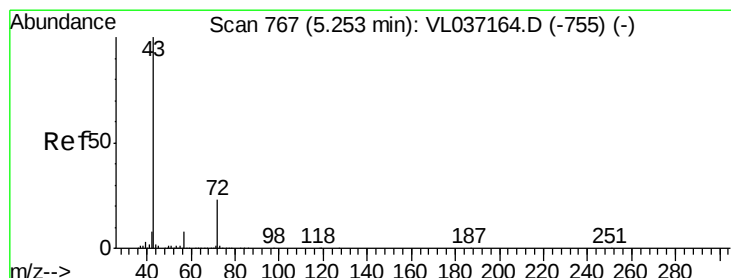
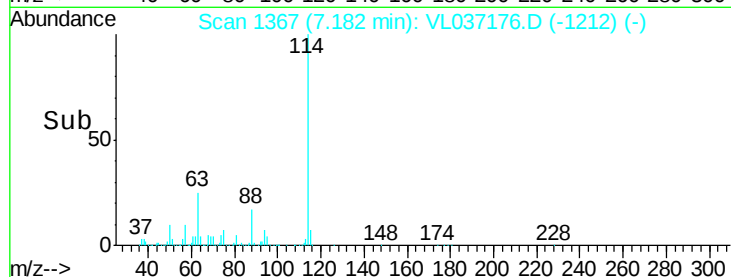
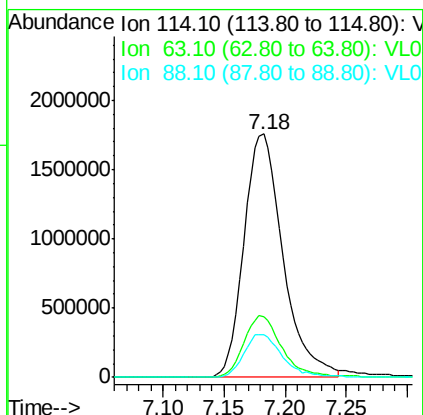
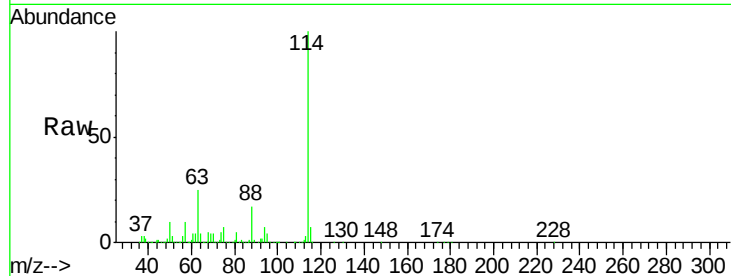
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VL037176.D
 Acq: 16 Jun 2021 18:39

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.9	19.6	29.4
88	17.9	14.2	21.2

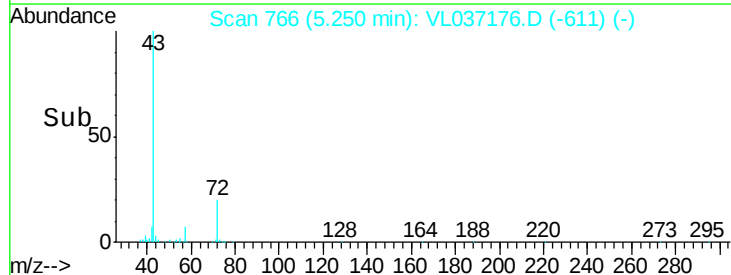
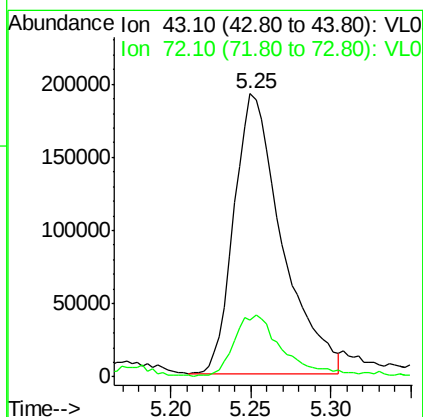
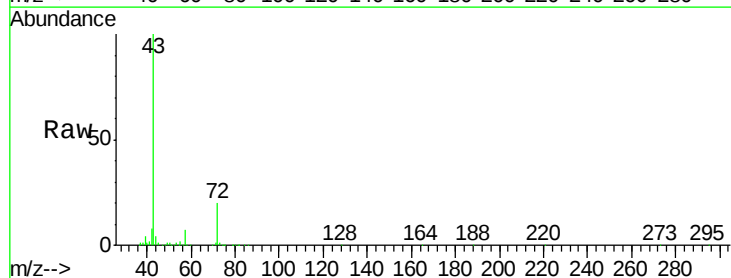
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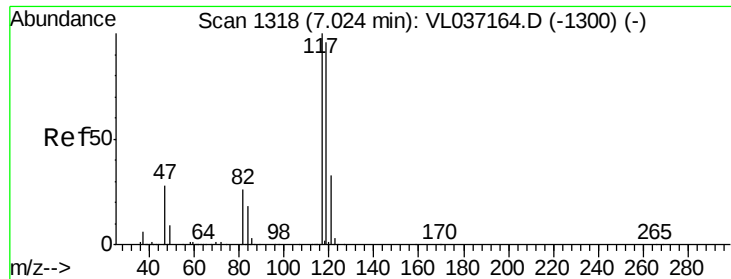
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#34
 2-Butanone
 Concen: 2.597 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VL037176.D
 Acq: 16 Jun 2021 18:39

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.2	18.9	28.3





#35

Carbon Tetrachloride

Concen: 0.064 ppbv m

RT: 7.02 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VL037176.D

Acq: 16 Jun 2021 18:39

Instrument :

MSVOA_L

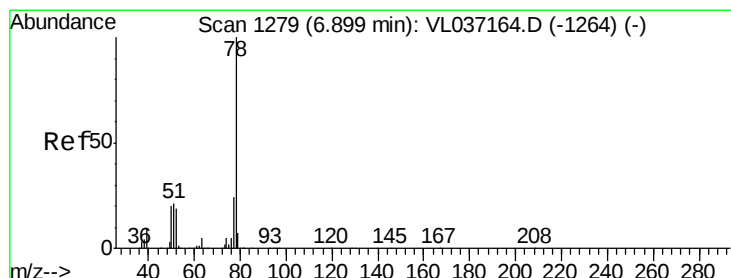
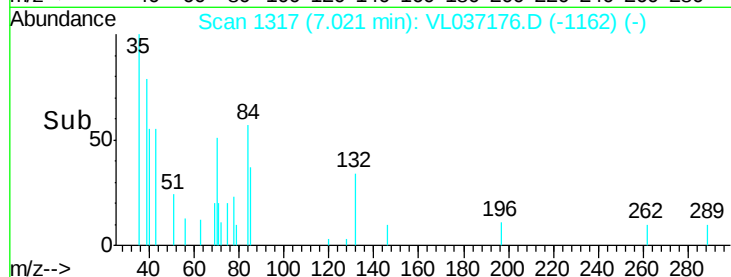
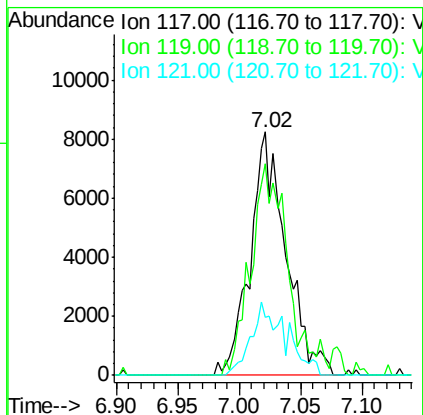
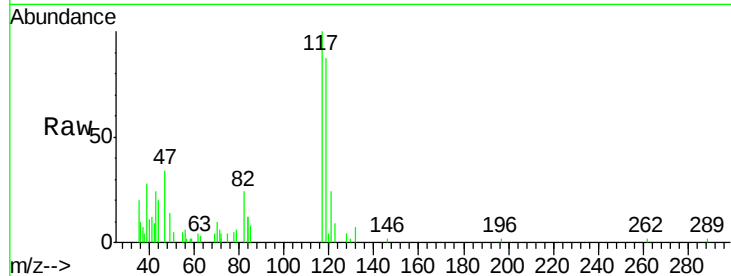
ClientSampleId :

EFFLUENT

Tot Ion:	117	Resp:	16649
Ion Ratio	Lower	Upper	
117	100		
119	86.9	76.6	114.8
121	24.0	26.4	39.6#

Manual Integrations
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#36

Benzene

Concen: 0.128 ppbv

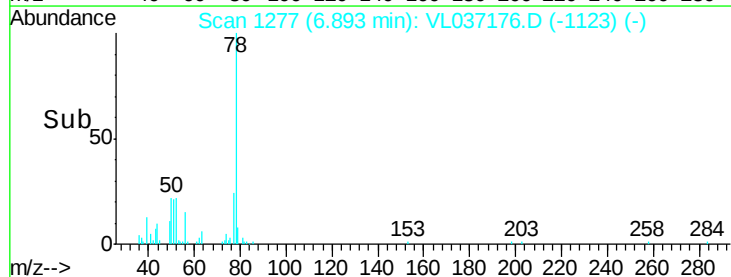
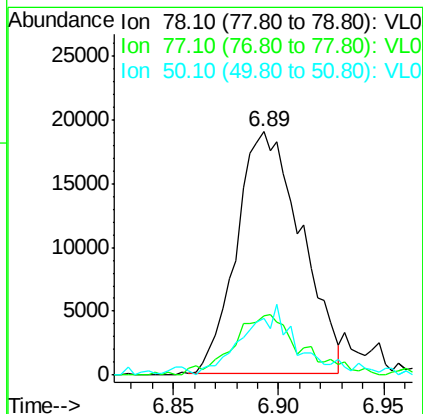
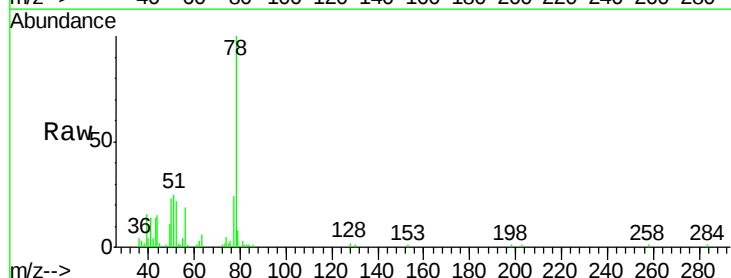
RT: 6.89 min Scan# 1277

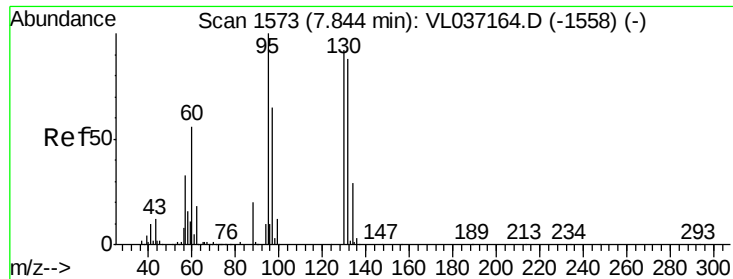
Delta R.T. -0.01 min

Lab File: VL037176.D

Acq: 16 Jun 2021 18:39

Tgt Ion:	78	Resp:	40269
Ion Ratio	Lower	Upper	
78	100		
77	21.7	19.0	28.6
50	21.9	15.7	23.5





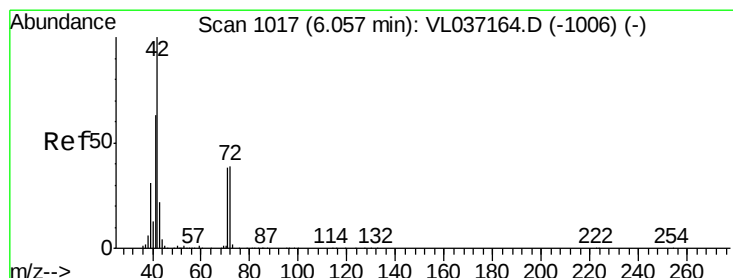
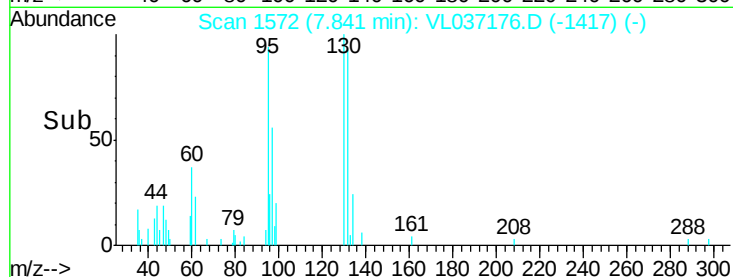
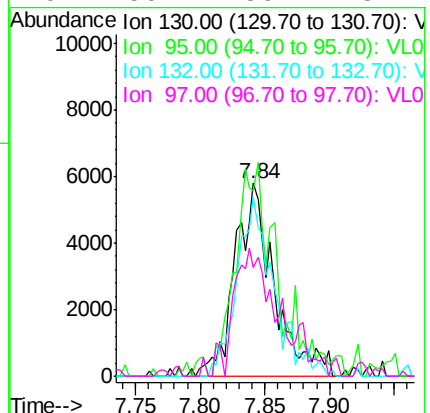
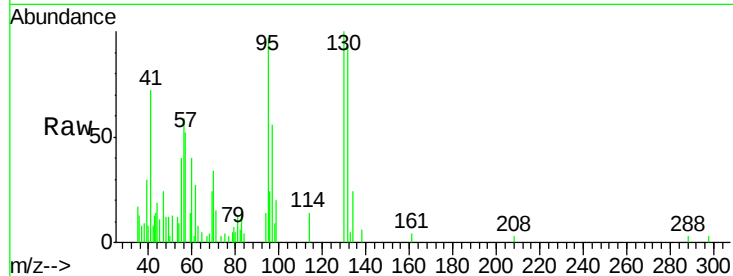
#38
 Trichloroethene
 Concen: 0.081 ppbv m
 RT: 7.84 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VL037176.D
 Acq: 16 Jun 2021 18:39

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT

Tot Ion	Ratio	Lower	Upper
130	100		
95	96.6	86.6	129.8
132	93.2	76.6	114.8
97	56.2	56.1	84.1

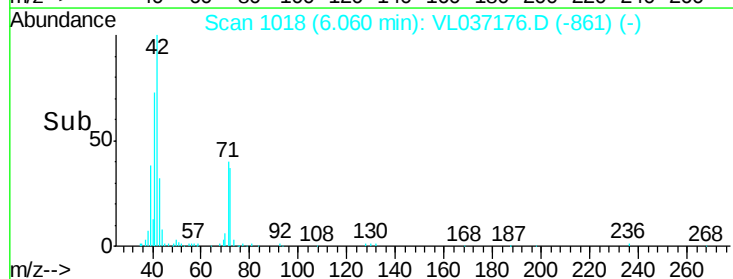
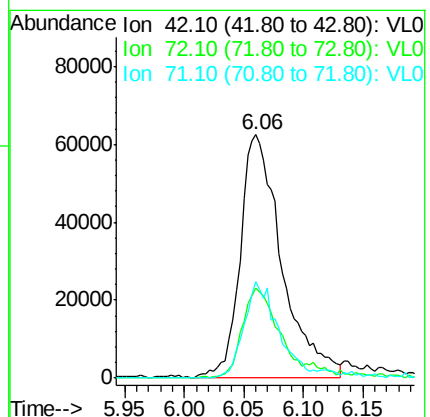
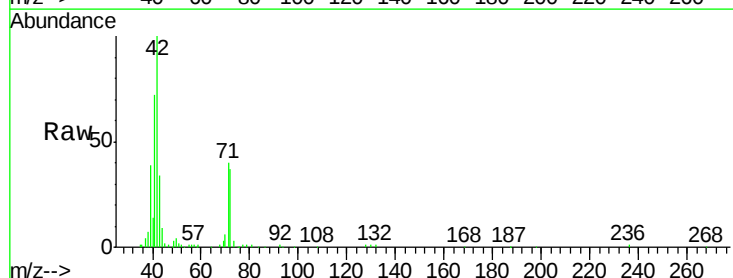
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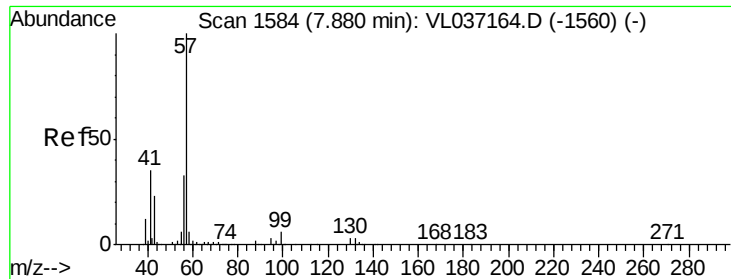
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#41
 Tetrahydrofuran
 Concen: 2.163 ppbv
 RT: 6.06 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VL037176.D
 Acq: 16 Jun 2021 18:39

Tgt Ion	Ratio	Lower	Upper
42	100		
72	37.1	33.0	49.4
71	35.3	31.0	46.6





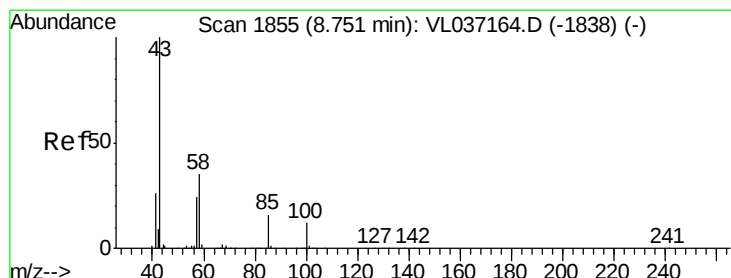
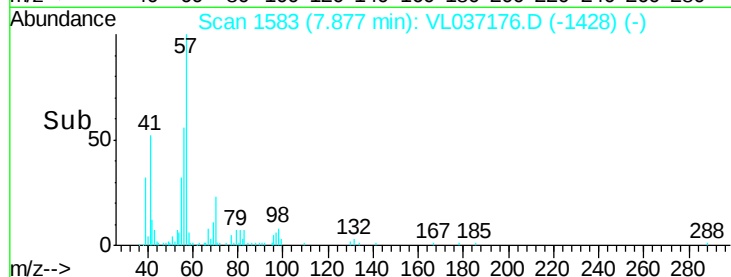
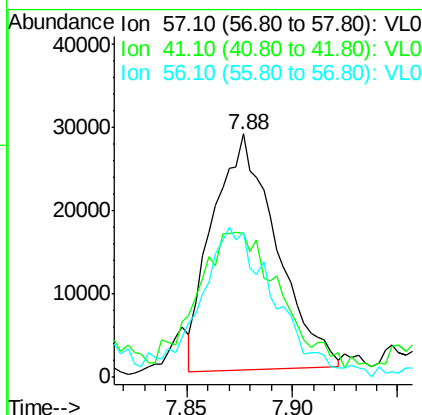
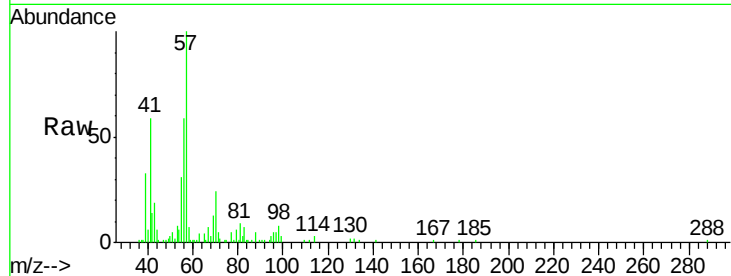
#44
 2,2,4-Trimethylpentane
 Concen: 0.113 ppbv
 RT: 7.88 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VL037176.D
 Acq: 16 Jun 2021 18:39

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT

Tot Ion	Ratio	Lower	Upper
57	100		
41	81.8	27.6	41.4#
56	74.5	25.3	37.9#

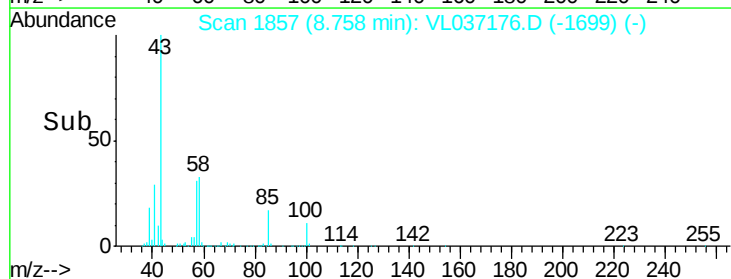
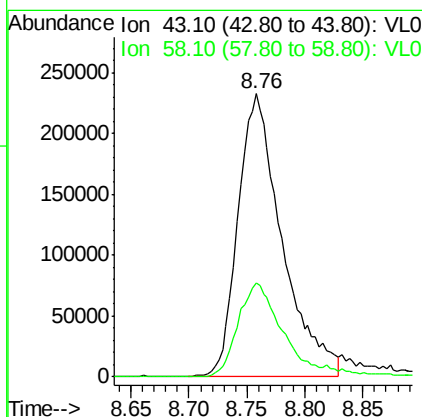
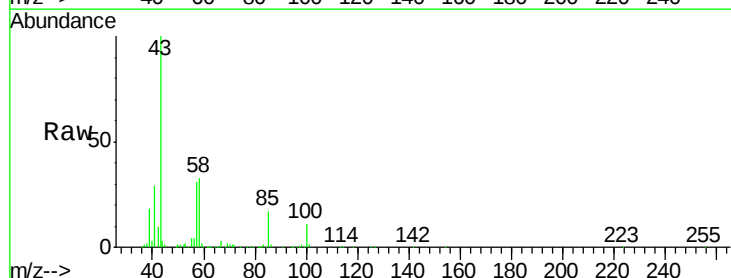
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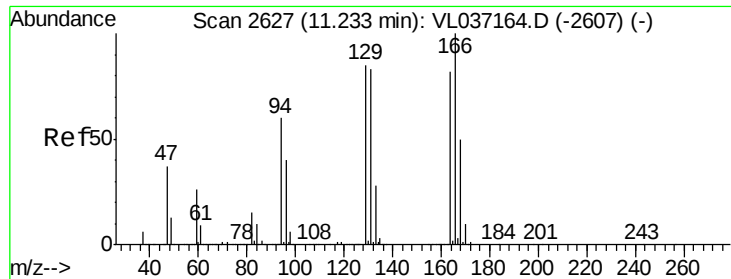
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#50
 4-Methyl-2-Pentanone
 Concen: 2.954 ppbv
 RT: 8.76 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: VL037176.D
 Acq: 16 Jun 2021 18:39

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.0	28.4	42.6





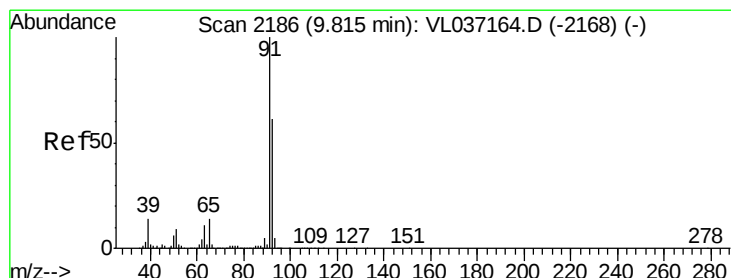
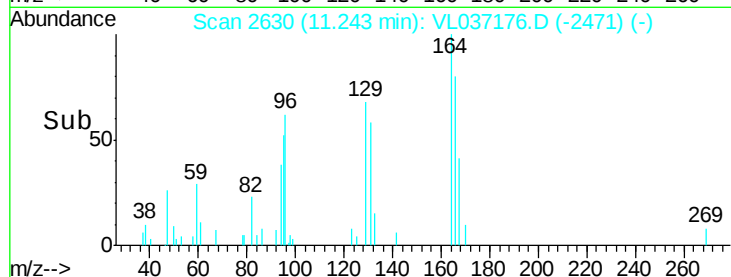
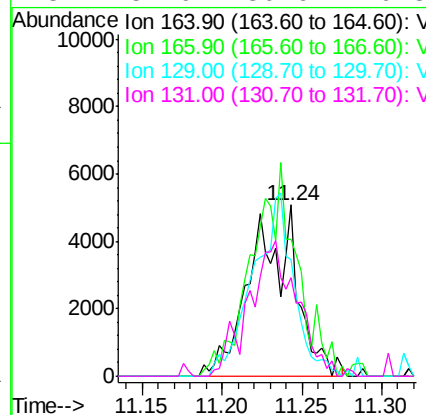
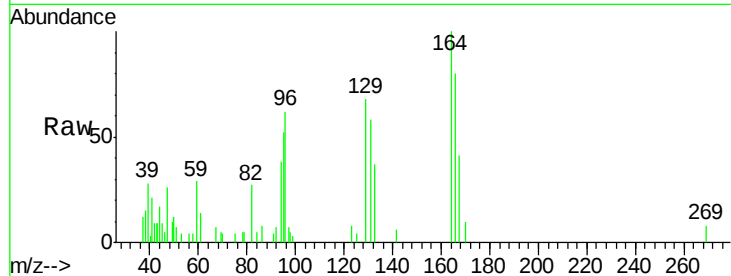
#52
Tetrachloroethene
Concen: 0.069 ppbv m
RT: 11.24 min Scan# 2630
Delta R.T. 0.01 min
Lab File: VL037176.D
Acq: 16 Jun 2021 18:39

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENT

Tot Ion	Ratio	Lower	Upper
164	100		
166	80.2	97.6	146.4#
129	67.8	82.9	124.3#
131	57.9	80.6	120.8#

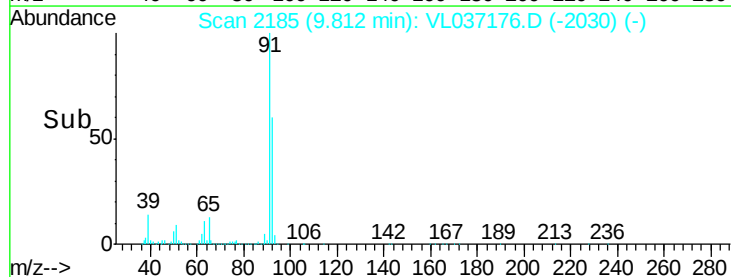
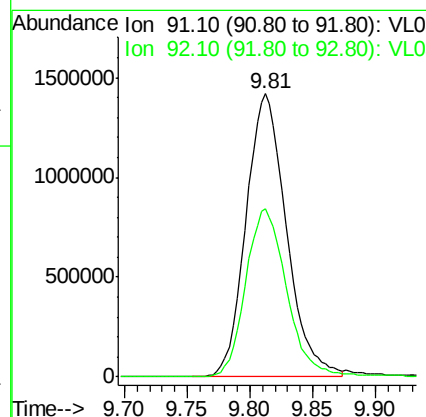
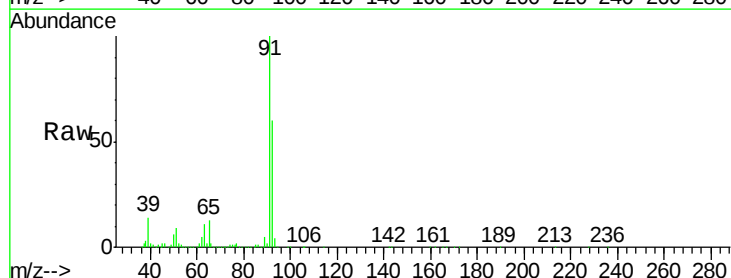
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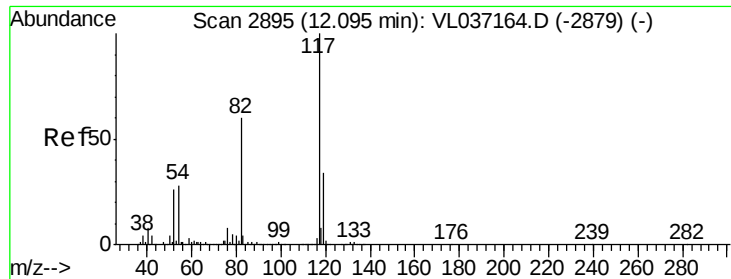
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#53
Toluene
Concen: 8.478 ppbv
RT: 9.81 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VL037176.D
Acq: 16 Jun 2021 18:39

Tgt Ion	Ratio	Lower	Upper
91	100		
92	61.1	48.3	72.5





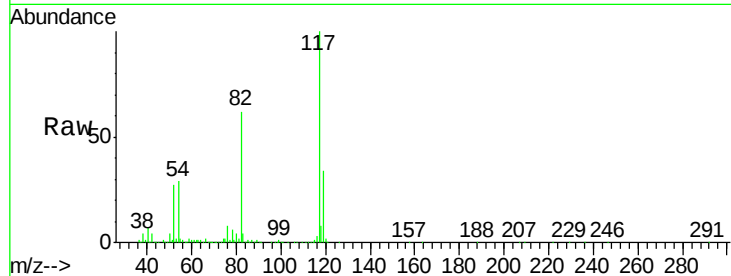
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. 0.00 min
Lab File: VL037176.D
Acq: 16 Jun 2021 18:39

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENT

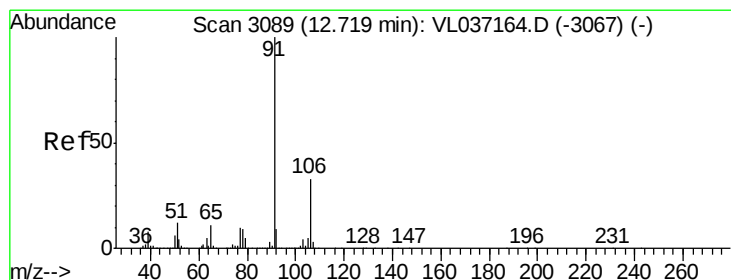
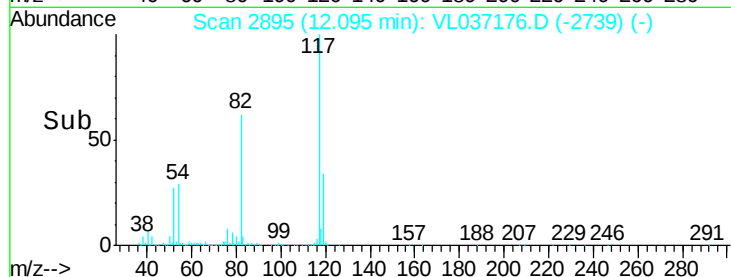
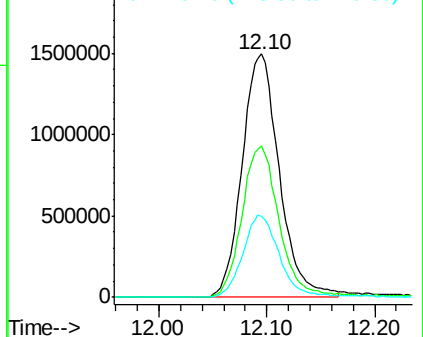
Tot Ion:117 Resp: 3587508
Ion Ratio Lower Upper
117 100
82 63.7 51.7 77.5
119 34.1 47.6 71.4#

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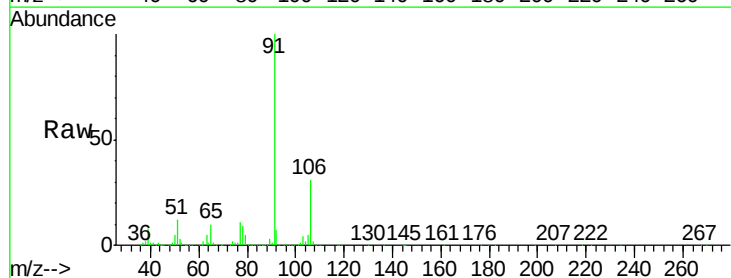


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

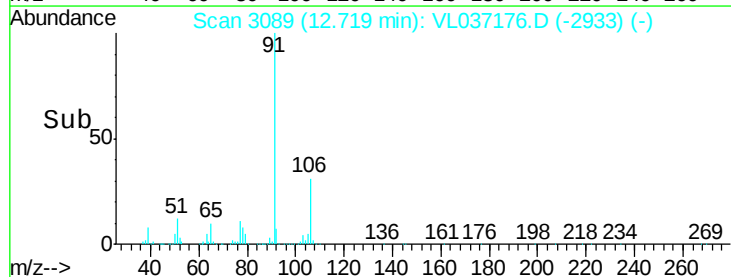
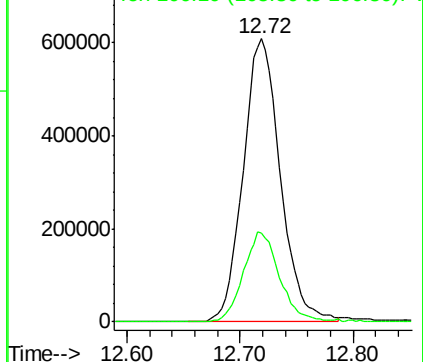


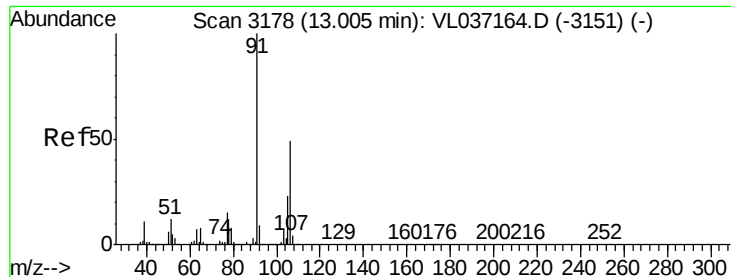
#58
Ethyl Benzene
Concen: 2.818 ppbv
RT: 12.72 min Scan# 3089
Delta R.T. 0.00 min
Lab File: VL037176.D
Acq: 16 Jun 2021 18:39

Tgt Ion: 91 Resp: 1391578
Ion Ratio Lower Upper
91 100
106 31.4 26.3 39.5



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





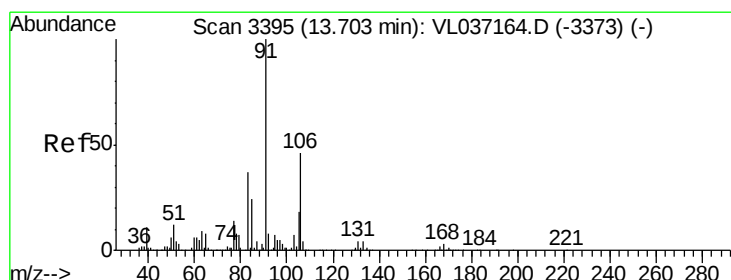
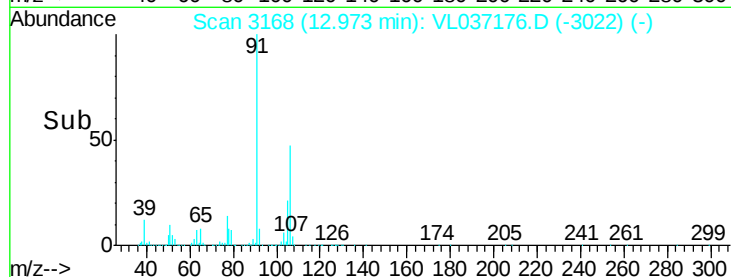
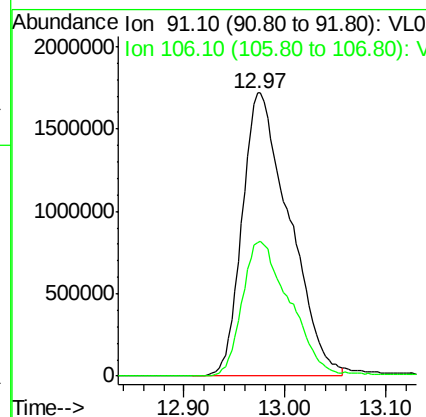
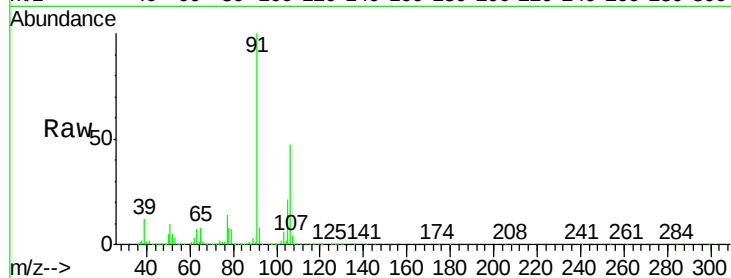
#59
m/p-Xylene
Concen: 13.258 ppbv
RT: 12.97 min Scan# 3168
Delta R.T. -0.03 min
Lab File: VL037176.D
Acq: 16 Jun 2021 18:39

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENT

Tot Ion: 91 Resp: 5548831
Ion Ratio Lower Upper
91 100
106 48.8 37.0 55.4

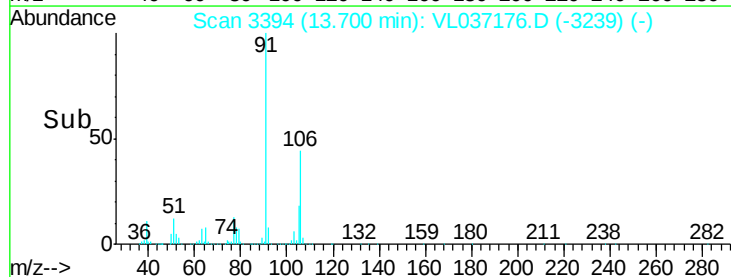
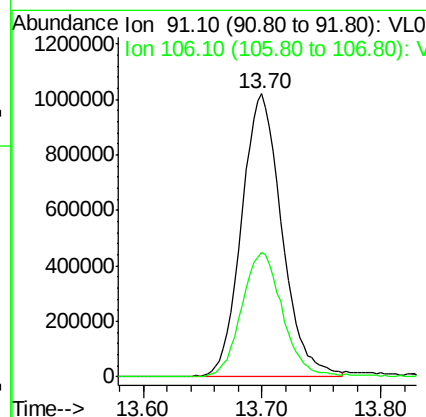
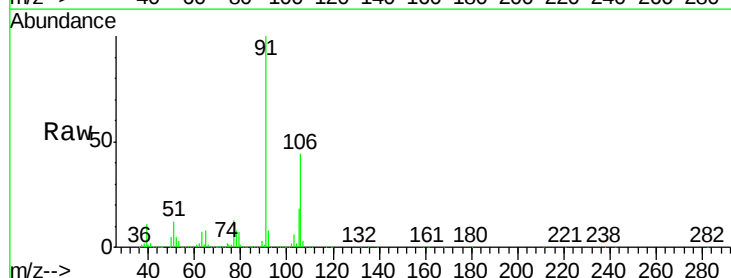
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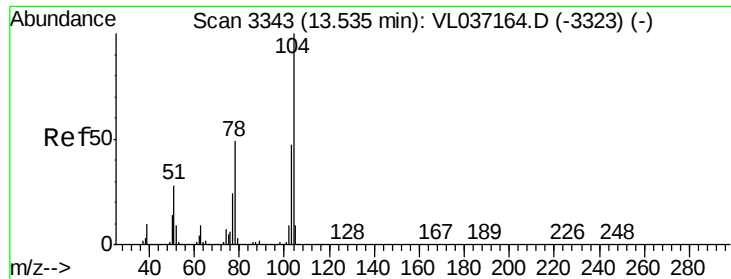
MMDadoda
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#60
o-Xylene
Concen: 5.974 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. -0.00 min
Lab File: VL037176.D
Acq: 16 Jun 2021 18:39

Tgt Ion: 91 Resp: 2380802
Ion Ratio Lower Upper
91 100
106 45.0 23.0 69.0





#61

Stvrene

Concen: 0.136 ppbv m

RT: 13.53 min Scan# 3341

Delta R.T. -0.01 min

Lab File: VL037176.D

Acq: 16 Jun 2021 18:39

Instrument :

MSVOA_L

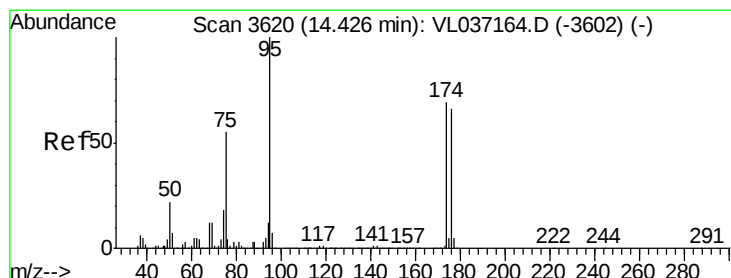
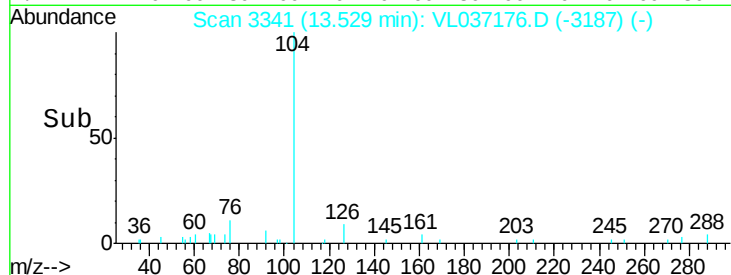
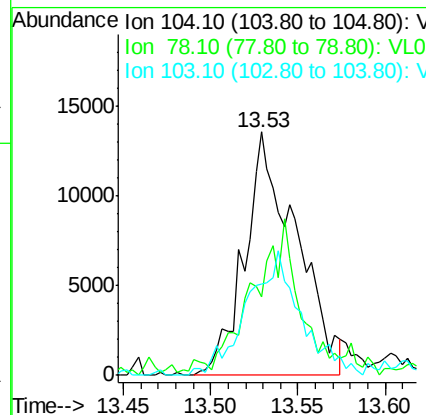
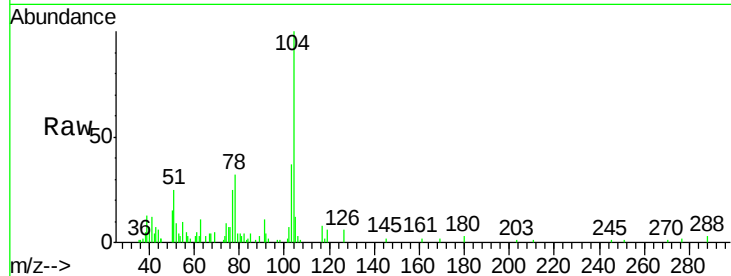
ClientSampleId :

EFFLUENT

Tot Ion:	104	Resp:	28032
Ion Ratio	Lower	Upper	
104	100		
78	0.0	39.7	59.5#
103	0.0	37.6	56.4#

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.143 ppbv

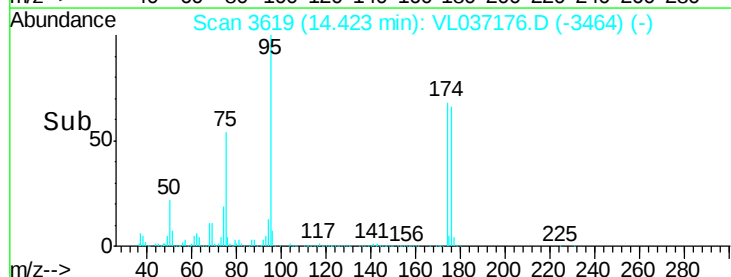
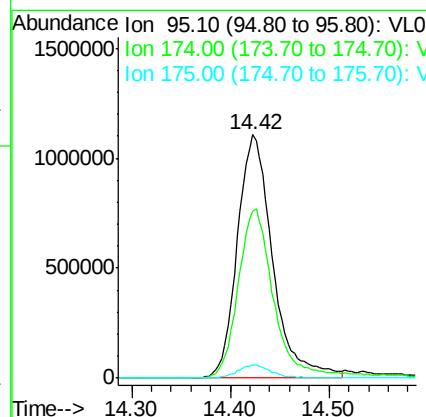
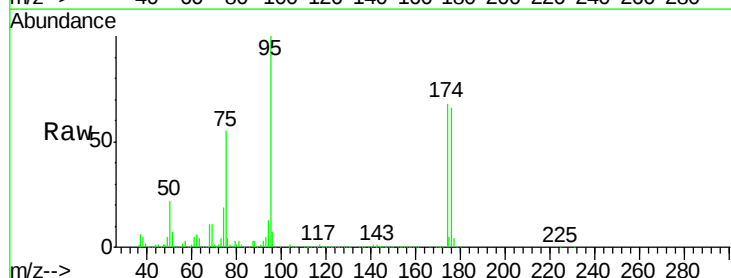
RT: 14.42 min Scan# 3619

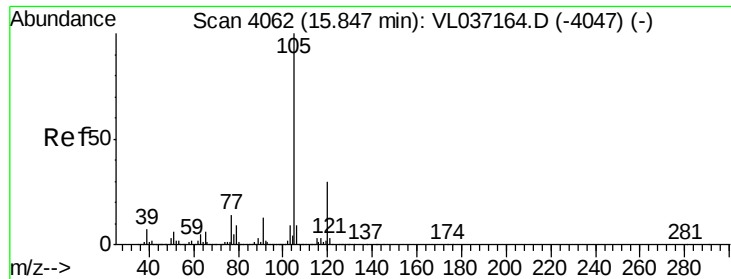
Delta R.T. -0.00 min

Lab File: VL037176.D

Acq: 16 Jun 2021 18:39

Tgt Ion:	95	Resp:	2757334
Ion Ratio	Lower	Upper	
95	100		
174	72.3	57.0	85.4
175	5.3	4.4	6.6





#72

4-Ethyltoluene

Concen: 0.100 ppbv

RT: 15.85 min Scan# 4062

Delta R.T. 0.00 min

Lab File: VL037176.D

Acq: 16 Jun 2021 18:39

Instrument :

MSVOA_L

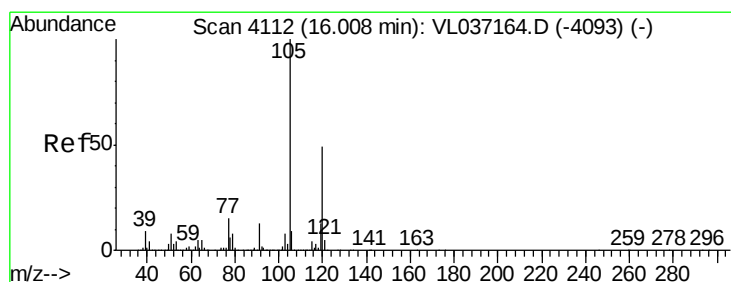
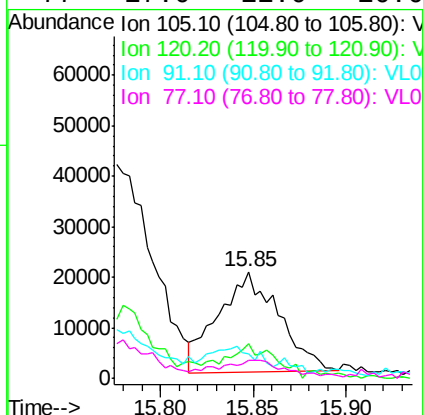
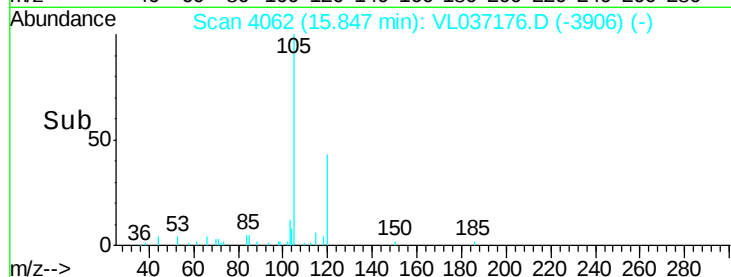
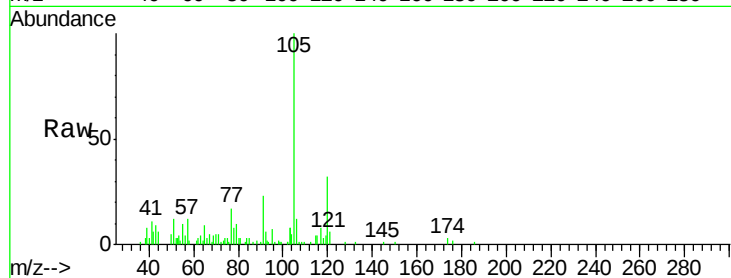
ClientSampleId :

EFFLUENT

Tot Ion:	105	Resp:	45160
Ion Ratio	Lower	Upper	
105	100		
120	29.3	24.7	37.1
91	36.1	10.2	15.4#
77	17.0	11.0	16.6#

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#73

1,3,5-Trimethylbenzene

Concen: 0.195 ppbv m

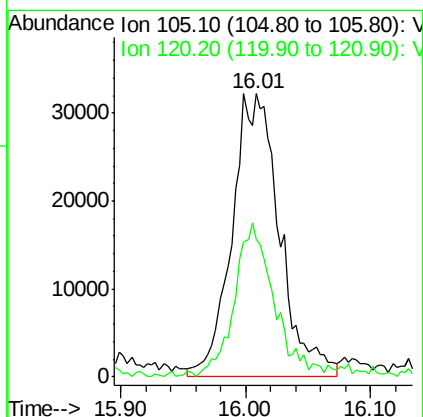
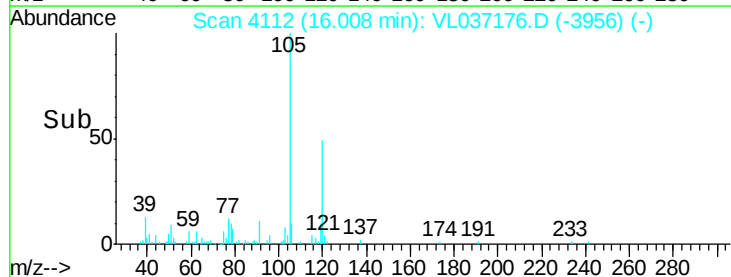
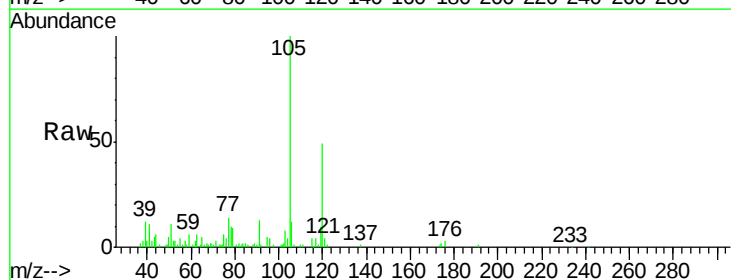
RT: 16.01 min Scan# 4112

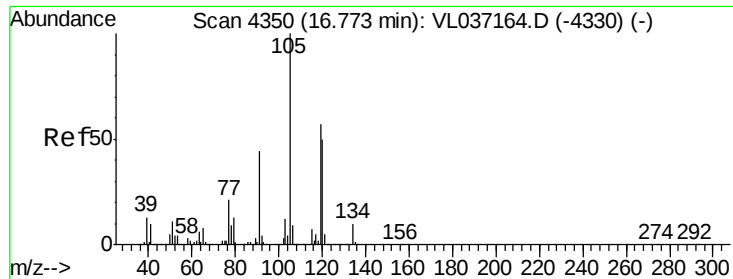
Delta R.T. 0.00 min

Lab File: VL037176.D

Acq: 16 Jun 2021 18:39

Tgt Ion:	105	Resp:	85187
Ion Ratio	Lower	Upper	
105	100		
120	48.6	39.4	59.2





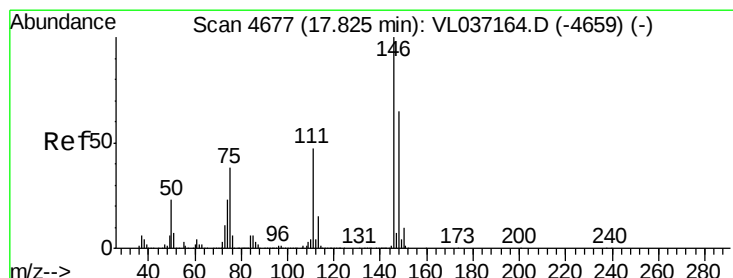
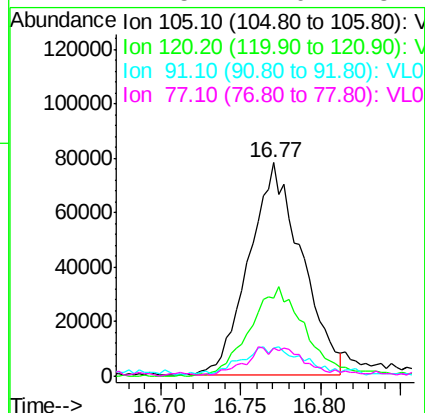
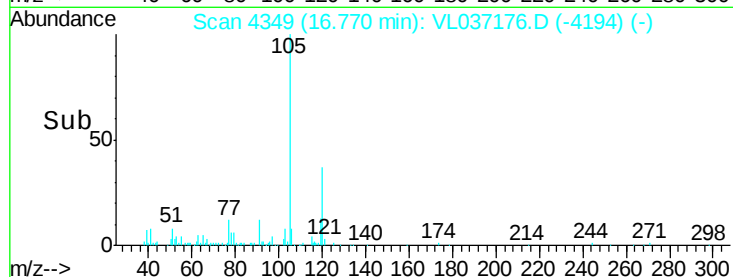
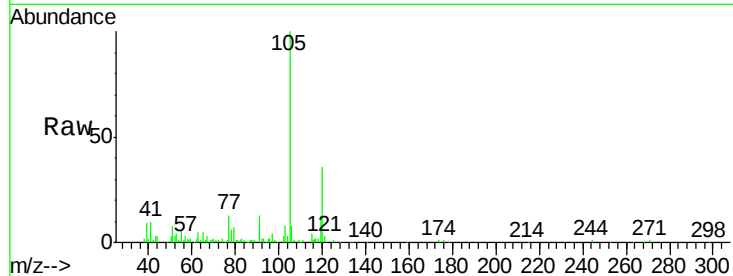
#74
 1,2,4-Trimethylbenzene
 Concen: 0.393 ppbv
 RT: 16.77 min Scan# 4349
 Delta R.T. -0.00 min
 Lab File: VL037176.D
 Acq: 16 Jun 2021 18:39

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT

Tot Ion:	105	Resp:	177222
Ion Ratio	Lower	Upper	
105	100		
120	36.6	39.8	59.8#
91	11.2	37.0	55.4#
77	12.5	17.0	25.4#

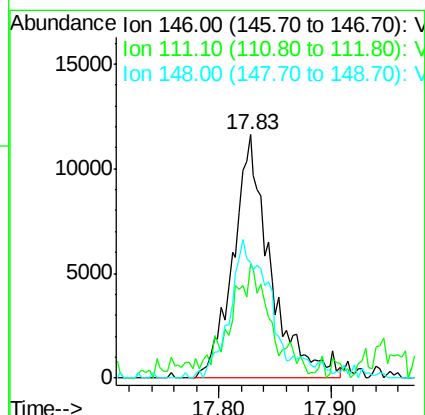
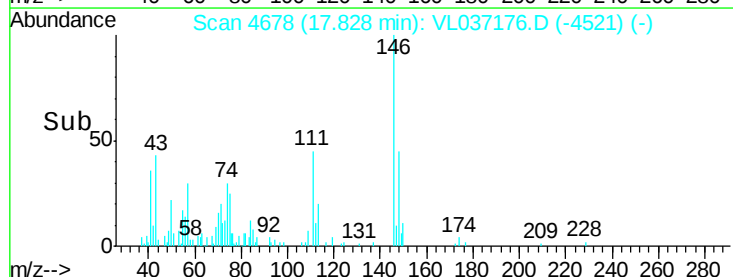
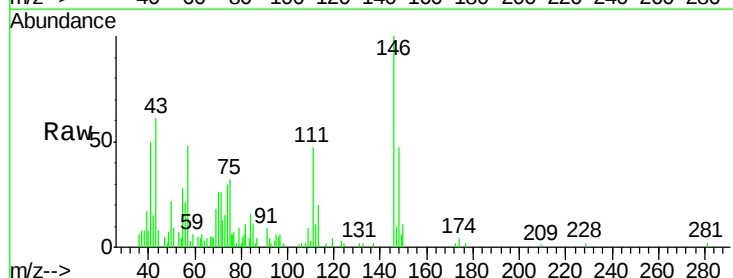
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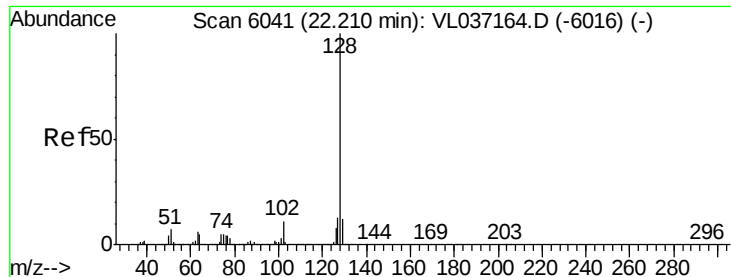
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#77
 1,2-Dichlorobenzene
 Concen: 0.101 ppbv m
 RT: 17.83 min Scan# 4678
 Delta R.T. 0.00 min
 Lab File: VL037176.D
 Acq: 16 Jun 2021 18:39

Tgt Ion:	146	Resp:	26841
Ion Ratio	Lower	Upper	
146	100		
111	59.5	23.3	69.8
148	65.0	32.4	97.0





#79

Naphthalene

Concen: 0.101 ppbv m

RT: 22.21 min Scan# 6042

Delta R.T. 0.00 min

Lab File: VL037176.D

Acq: 16 Jun 2021 18:39

Instrument :

MSVOA_L

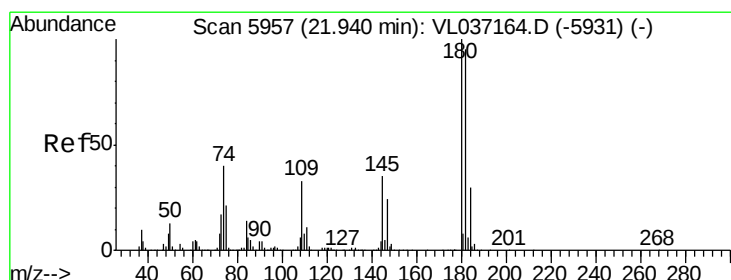
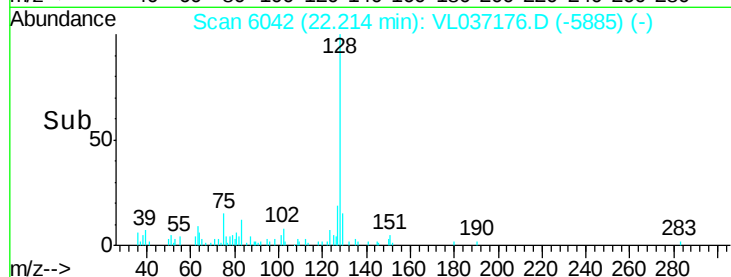
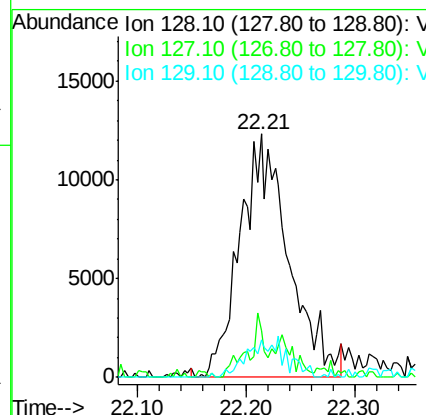
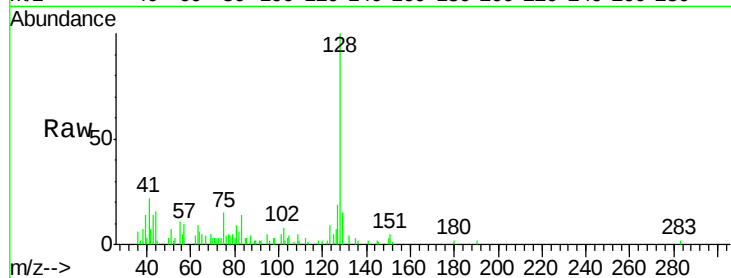
ClientSampleId :

EFFLUENT

Tot Ion:	128	Resp:	38098
Ion Ratio	Lower	Upper	
128	100		
127	19.3	10.7	16.1#
129	15.2	9.3	13.9#

Manual Integrations
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#81

1,2,4-Trichlorobenzene

Concen: 0.123 ppbv m

RT: 21.94 min Scan# 5958

Delta R.T. 0.00 min

Lab File: VL037176.D

Acq: 16 Jun 2021 18:39

Tgt Ion:	180	Resp:	26779
Ion Ratio	Lower	Upper	
180	100		
182	93.5	79.3	118.9
184	30.2	24.7	37.1

