

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071318\
 Data File : VL032249.D
 Acq On : 13 Jul 2018 17:22
 Operator : SY/AP
 Sample : J3753-01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT

Manual Integrations
 APPROVED

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 7/16/2018 8:08:08 AM

Quant Time: Jul 14 04:12:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 13 2018
 QLast Update : Fri Jul 13 04:25:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1644826	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.38	114	3695799	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.34	117	4181946	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	3190241	9.85	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.13	85	141616	0.598	ppbv	99
3) Chlorodifluoromethane	3.06	51	87769m	0.434	ppbv	
4) Chloromethane	3.22	50	35128	0.306	ppbv	97
7) Chloroethane	3.66	64	92653	2.375	ppbv	99
9) Propene	3.08	41	148675	1.725	ppbv	92
10) Heptane	8.33	43	177165	0.724	ppbv	99
11) Trichlorofluoromethane	4.07	101	98594	0.435	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.62	101	241219	1.667	ppbv	99
13) Ethanol	3.74	45	9285940	373.367	ppbv	97
15) Acetone	3.96	43	6333851	33.184	ppbv	100
17) tert-Butyl alcohol	4.46	59	886994m	9.953	ppbv	
18) 1,1-Dichloroethene	4.42	96	90445m	1.343	ppbv	
19) Isopropyl Alcohol	4.13	45	5472202	43.662	ppbv	100
20) Methylene Chloride	4.48	84	814568	12.593	ppbv	97
22) trans-1,2-Dichloroethene	5.04	96	61315	0.957	ppbv	95
24) 1,1-Dichloroethane	5.17	63	2979521	13.368	ppbv	99
26) Hexane	5.86	57	739826	4.294	ppbv #	53
29) Chloroform	5.93	83	35270	0.133	ppbv	91
30) Cyclohexane	7.33	84	70990m	0.467	ppbv	
31) cis-1,2-Dichloroethene	5.72	61	19450m	0.113	ppbv	
32) 1,1,1-Trichloroethane	6.70	97	10711266	41.499	ppbv	98
34) 2-Butanone	5.41	43	1295525	5.145	ppbv	99
35) Carbon Tetrachloride	7.22	117	20171m	0.081	ppbv	
36) Benzene	7.09	78	188216	0.512	ppbv #	93
38) Trichloroethene	8.05	130	23016	0.183	ppbv	89
41) Tetrahydrofuran	6.23	42	70053	0.497	ppbv	94
44) 2,2,4-Trimethylpentane	8.08	57	1352517	2.141	ppbv	95
50) 4-Methyl-2-Pentanone	8.96	43	197983	0.454	ppbv	95
52) Tetrachloroethene	11.46	164	16788m	0.124	ppbv	
53) Toluene	10.04	91	1684350	3.879	ppbv	99
58) Ethyl Benzene	12.96	91	465005	0.764	ppbv	98
59) m/p-Xylene	13.21	91	1413968	2.822	ppbv	100
60) o-Xylene	13.94	91	557618	1.128	ppbv	98
61) Styrene	13.78	104	33625m	0.091	ppbv	
69) p-Isopropyltoluene	17.91	119	2284736	3.458	ppbv	99
72) 4-Ethyltoluene	16.10	105	184562	0.333	ppbv	97
73) 1,3,5-Trimethylbenzene	16.25	105	149242	0.289	ppbv	91
74) 1,2,4-Trimethylbenzene	17.02	105	495229	0.939	ppbv #	71
75) 1,3-Dichlorobenzene	17.27	146	420409m	1.336	ppbv	

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Quant Time: Jul 14 04:12:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 13 2018
QLast Update : Fri Jul 13 04:25:14 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

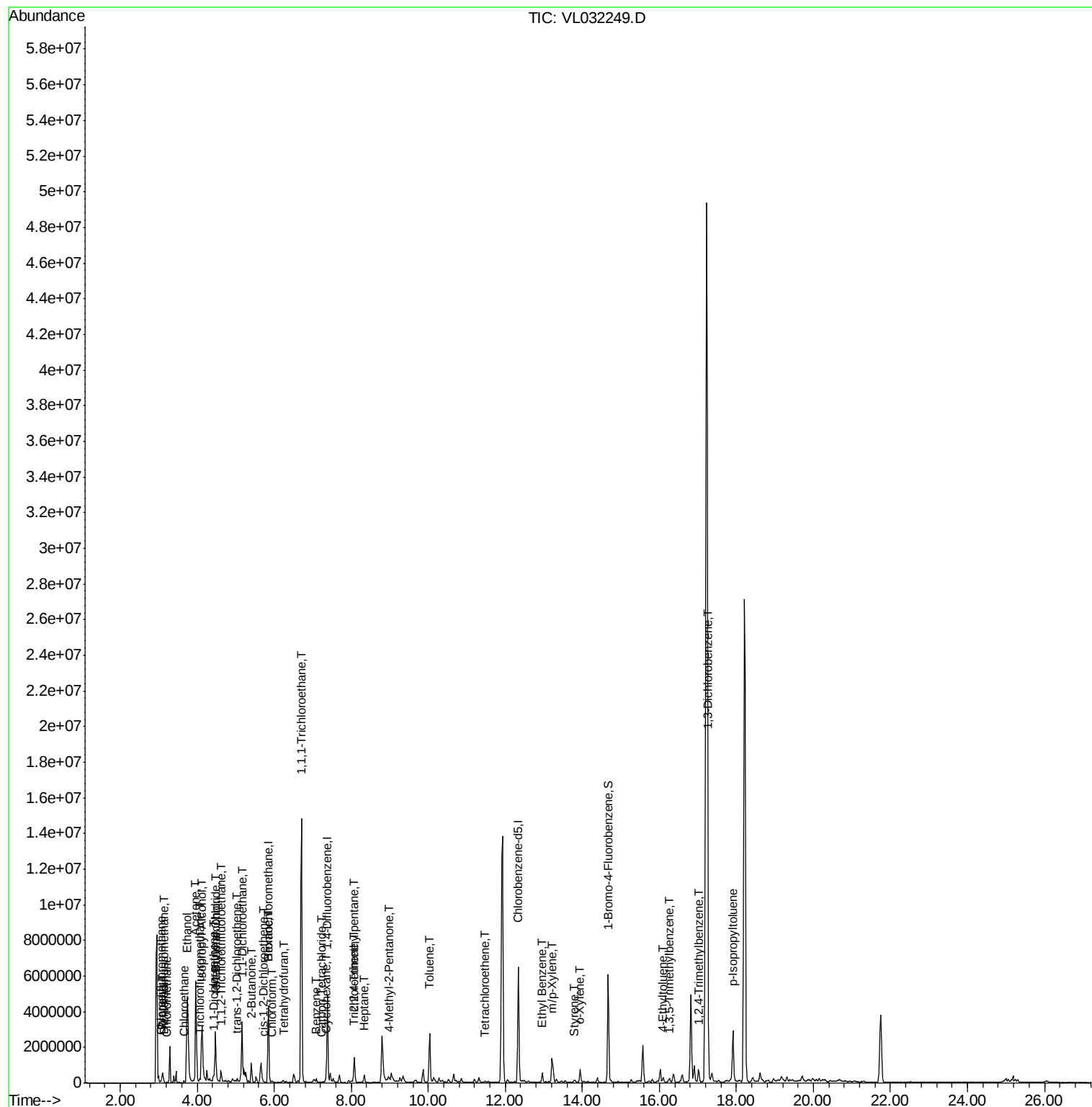
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL071318\
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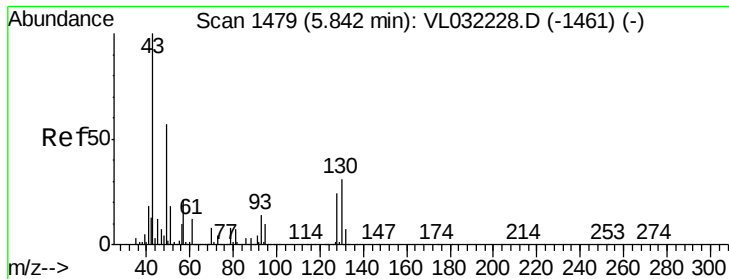
Instrument :
MSVOA_L
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL071218AIR.M
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QLast Update : Fri Jul 13 04:25:14 2018
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.84 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VL032249.D

Acq: 13 Jul 2018 17:22

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENT

Tgt Ion: 49 Resp: 1644826

Ion Ratio Lower Upper

49 100

128 40.8 20.9 62.8

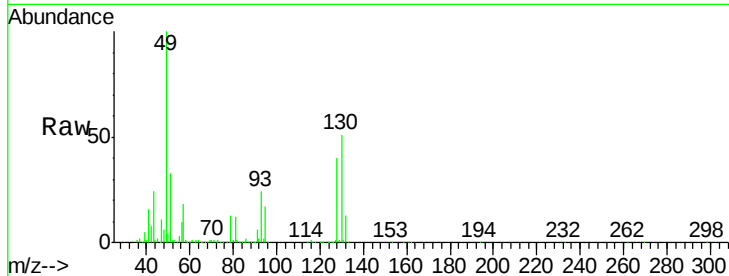
130 51.0 27.0 81.0

Manual Integrations

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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

5.84

800000

600000

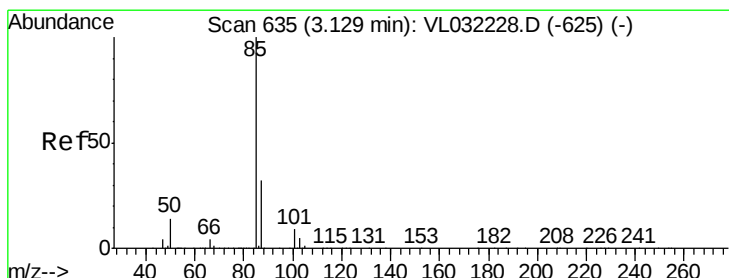
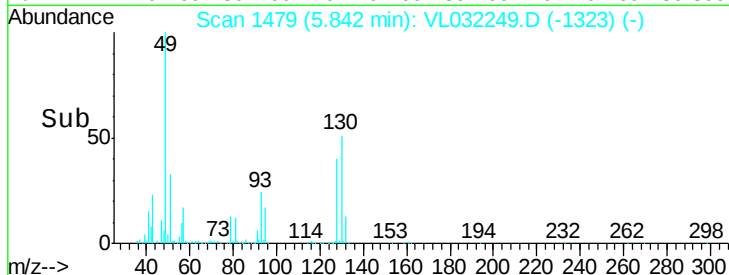
400000

200000

0

5.75 5.80 5.85 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 0.598 ppbv

RT: 3.13 min Scan# 635

Delta R.T. 0.00 min

Lab File: VL032249.D

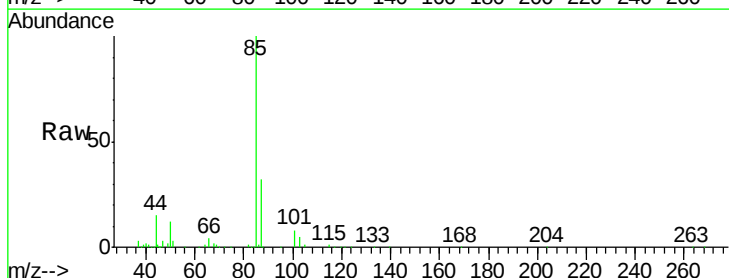
Acq: 13 Jul 2018 17:22

Tgt Ion: 85 Resp: 141616

Ion Ratio Lower Upper

85 100

87 31.5 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.13

120000

100000

80000

60000

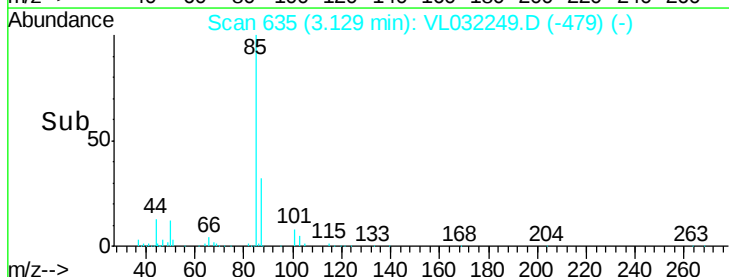
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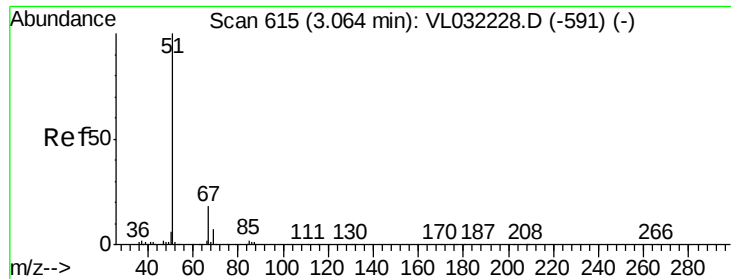
20000

0

3.10 3.15

Time-->





#3

Chlorodifluoromethane

Concen: 0.434 ppbv m

RT: 3.06 min Scan# 615

Delta R.T. 0.00 min

Lab File: VL032249.D

Acq: 13 Jul 2018 17:22

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENT

Tgt Ion: 51 Resp: 87769

Ion Ratio Lower Upper

51 100

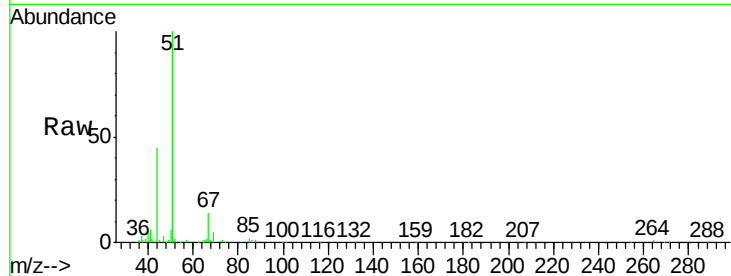
67 17.4 14.6 22.0

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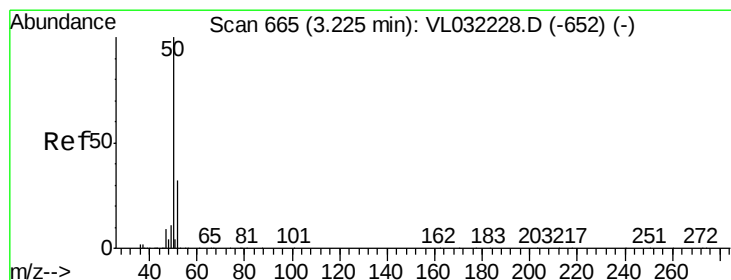
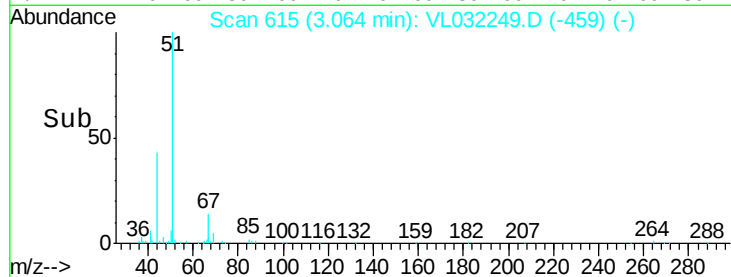
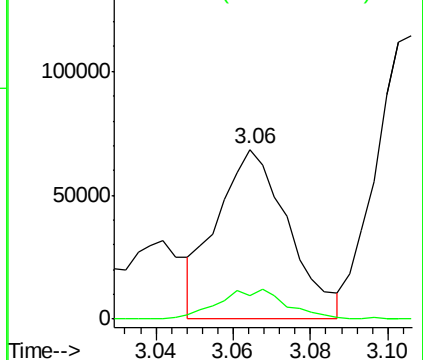
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.306 ppbv

RT: 3.22 min Scan# 664

Delta R.T. -0.00 min

Lab File: VL032249.D

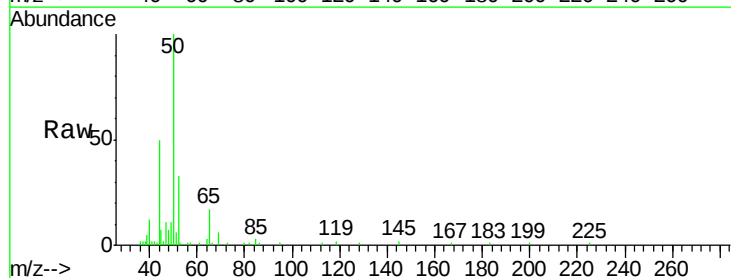
Acq: 13 Jul 2018 17:22

Tgt Ion: 50 Resp: 35128

Ion Ratio Lower Upper

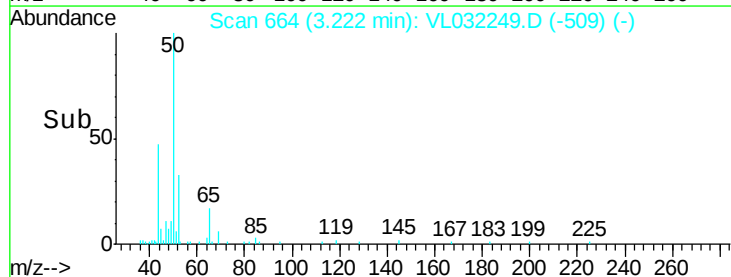
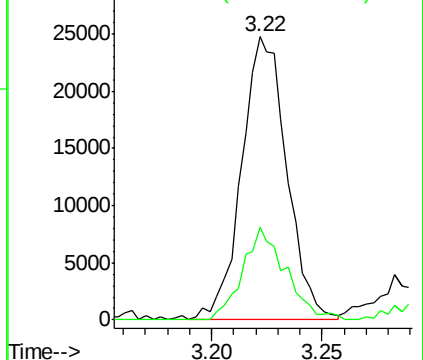
50 100

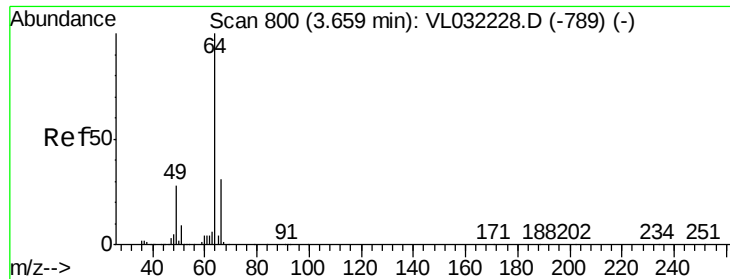
52 33.7 25.7 38.5



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#7

Chloroethane

Concen: 2.375 ppbv

RT: 3.66 min Scan# 800

Delta R.T. 0.00 min

Lab File: VL032249.D

Acq: 13 Jul 2018 17:22

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENT

Tgt Ion: 64 Resp: 92653

Ion Ratio Lower Upper

64 100

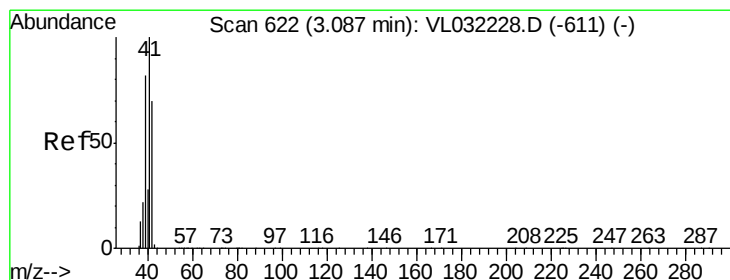
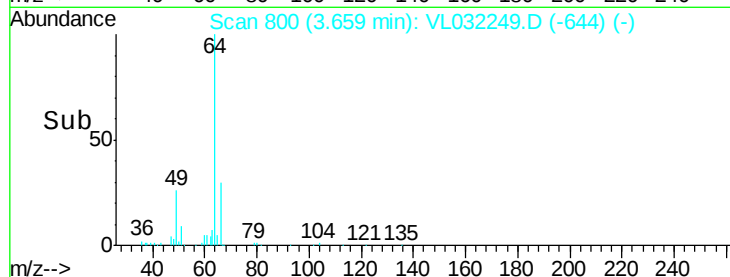
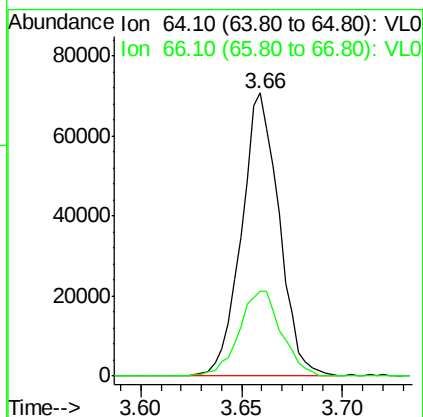
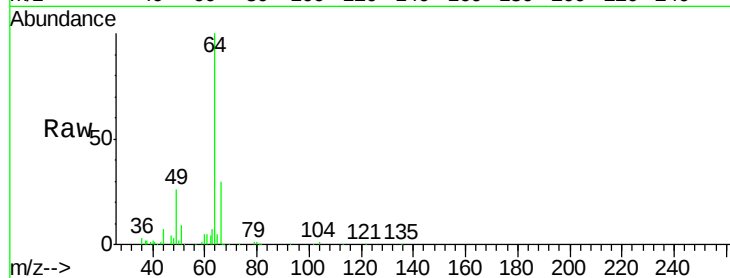
66 29.9 24.4 36.6

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#9

Propene

Concen: 1.725 ppbv

RT: 3.08 min Scan# 621

Delta R.T. -0.00 min

Lab File: VL032249.D

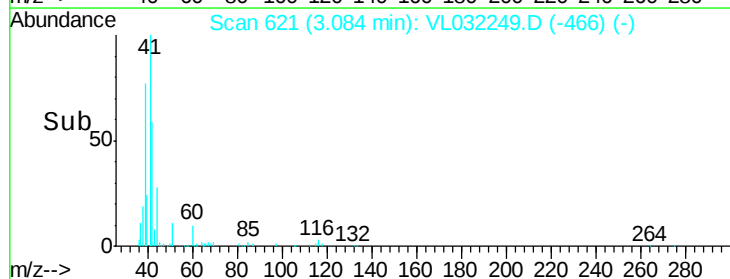
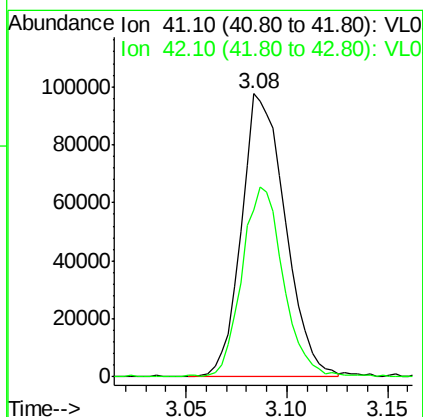
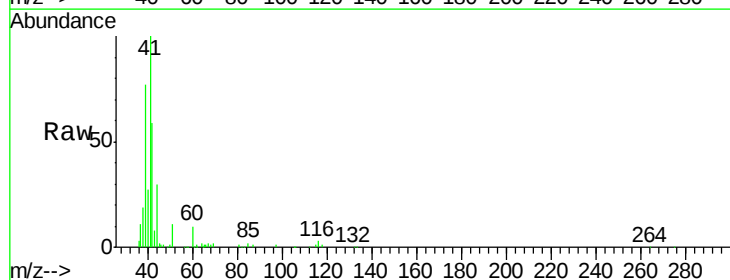
Acq: 13 Jul 2018 17:22

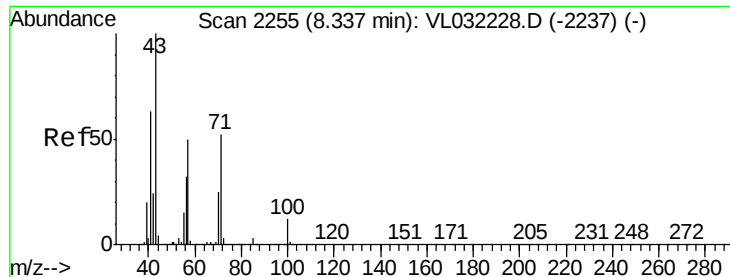
Tgt Ion: 41 Resp: 148675

Ion Ratio Lower Upper

41 100

42 63.8 56.2 84.4





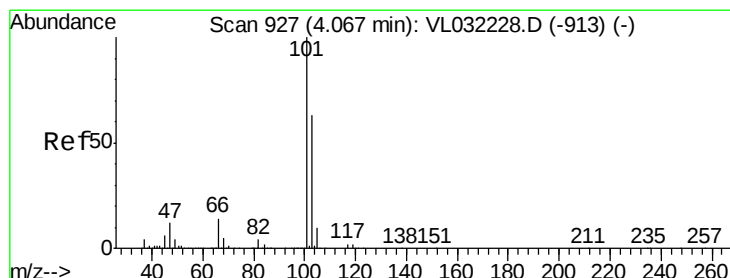
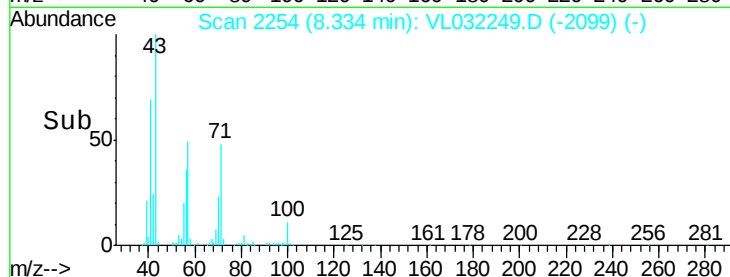
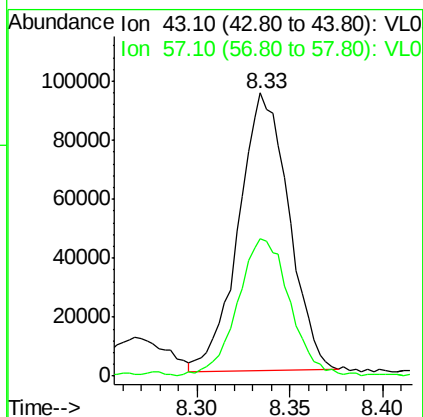
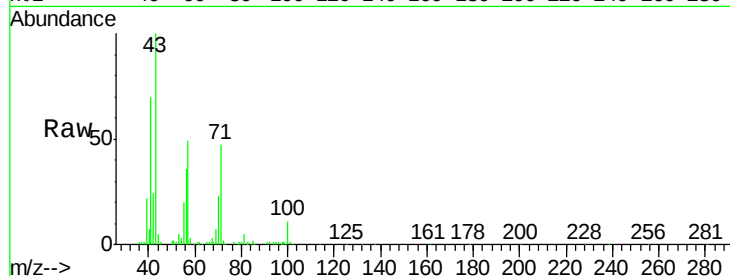
#10
 Heptane
 Concen: 0.724 ppbv
 RT: 8.33 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: VL032249.D
 Acq: 13 Jul 2018 17:22

Instrument :
 MSVOA_L
 ClientSampled :
 EFFLUENT

Tgt Ion: 43 Resp: 177165
 Ion Ratio Lower Upper
 43 100
 57 50.1 40.7 61.1

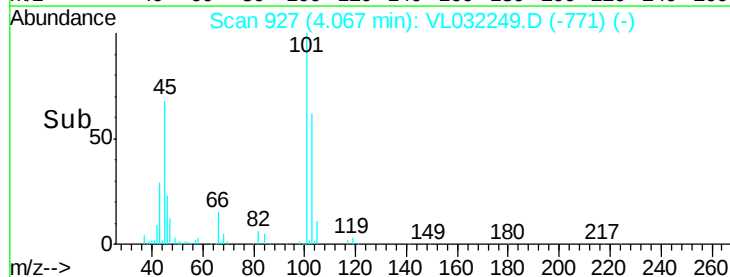
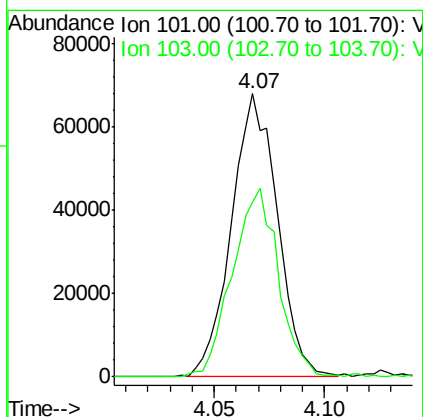
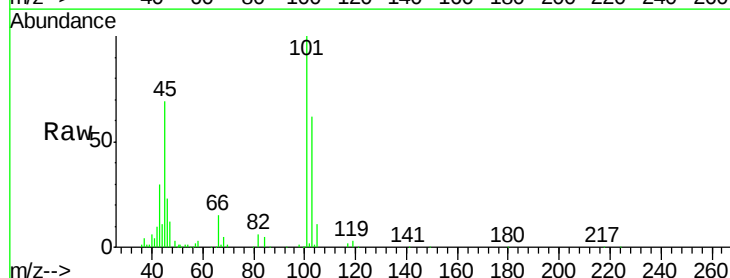
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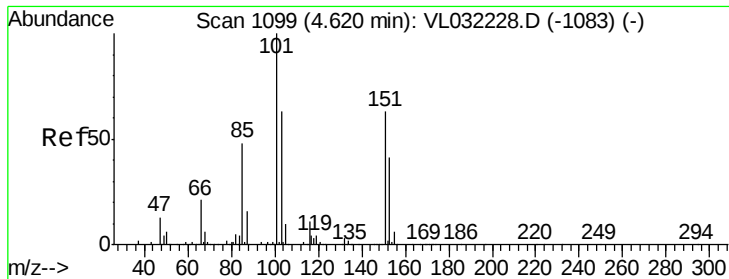
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#11
 Trichlorofluoromethane
 Concen: 0.435 ppbv
 RT: 4.07 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: VL032249.D
 Acq: 13 Jul 2018 17:22

Tgt Ion: 101 Resp: 98594
 Ion Ratio Lower Upper
 101 100
 103 61.0 50.2 75.2





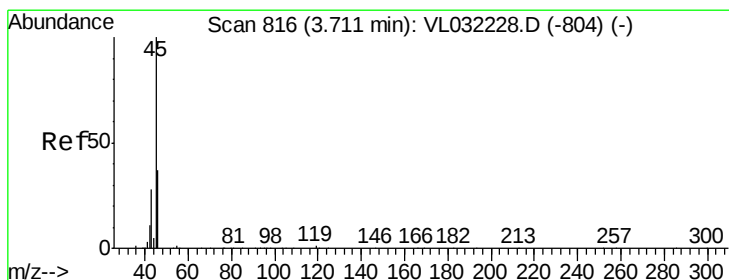
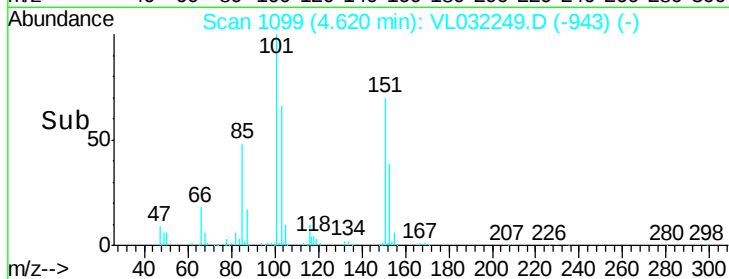
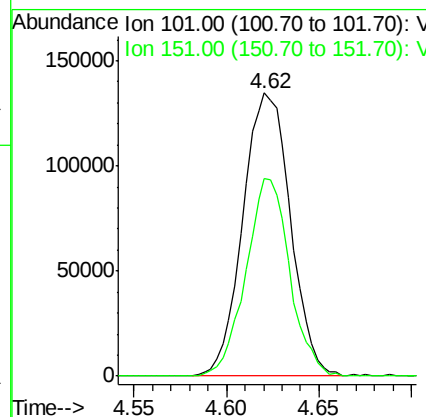
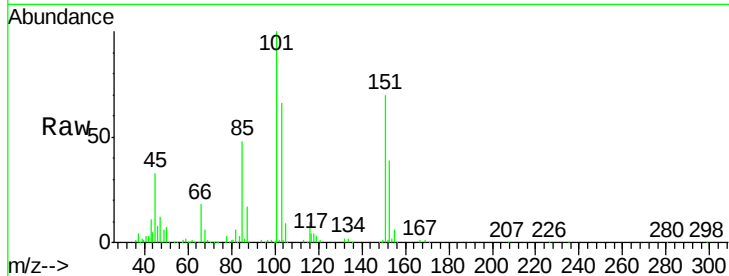
#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.667 ppbv
 RT: 4.62 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: VL032249.D
 Acq: 13 Jul 2018 17:22

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT

Tgt Ion: 101 Resp: 241219
 Ion Ratio Lower Upper
 101 100
 151 64.2 52.2 78.2

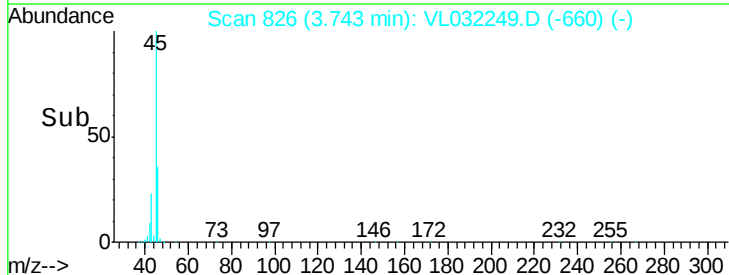
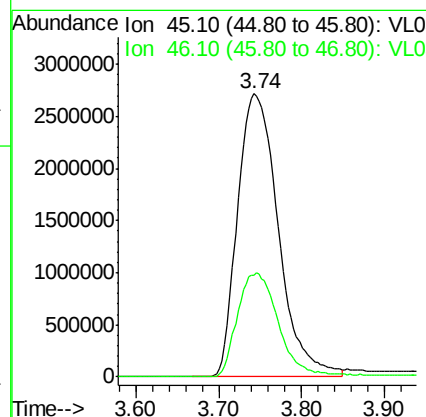
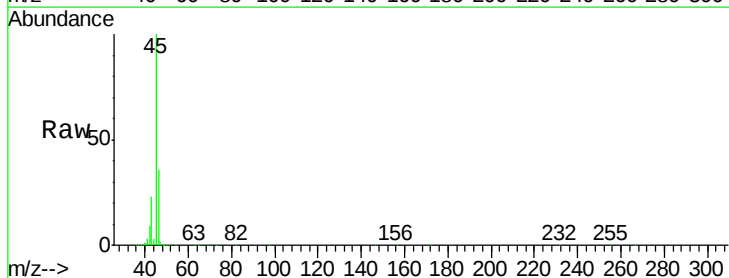
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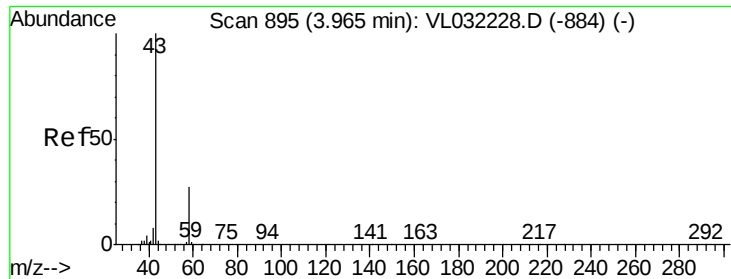
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#13
 Ethanol
 Concen: 373.367 ppbv
 RT: 3.74 min Scan# 826
 Delta R.T. 0.03 min
 Lab File: VL032249.D
 Acq: 13 Jul 2018 17:22

Tgt Ion: 45 Resp: 9285940
 Ion Ratio Lower Upper
 45 100
 46 37.0 15.5 61.9





#15

Acetone

Concen: 33.184 ppbv

RT: 3.96 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL032249.D

Acq: 13 Jul 2018 17:22

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENT

Tgt Ion: 43 Resp: 6333851

Ion Ratio Lower Upper

43 100

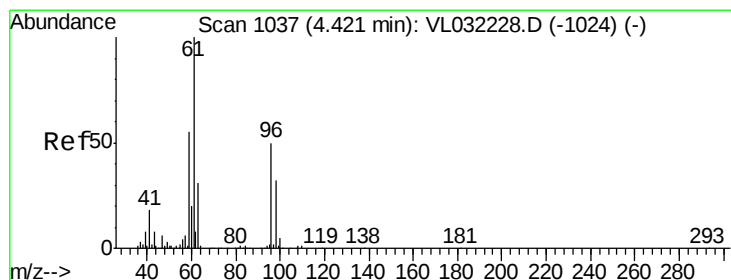
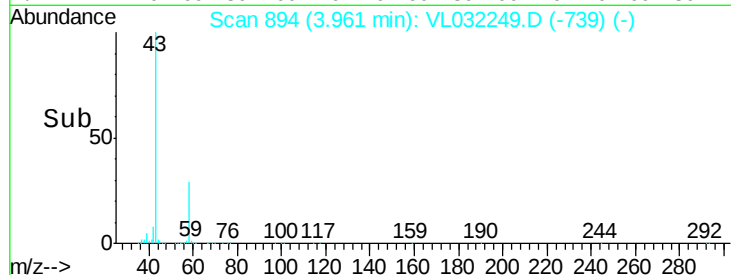
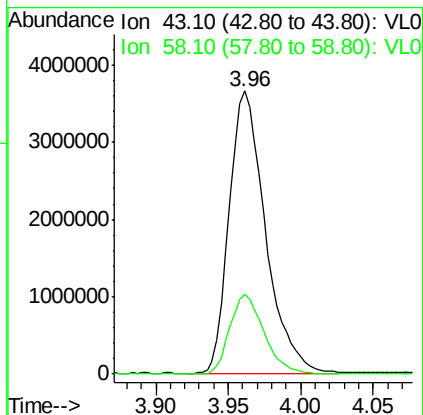
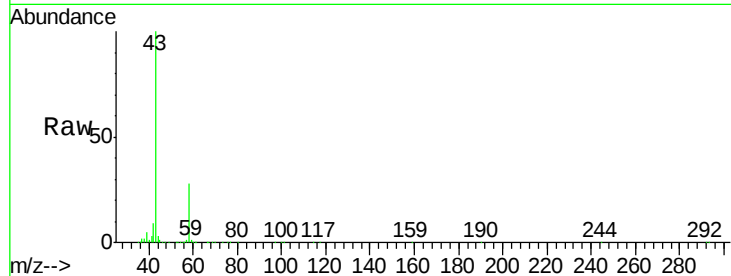
58 27.0 21.5 32.3

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#17

tert-Butyl alcohol

Concen: 9.953 ppbv m

RT: 4.46 min Scan# 1049

Delta R.T. 0.04 min

Lab File: VL032249.D

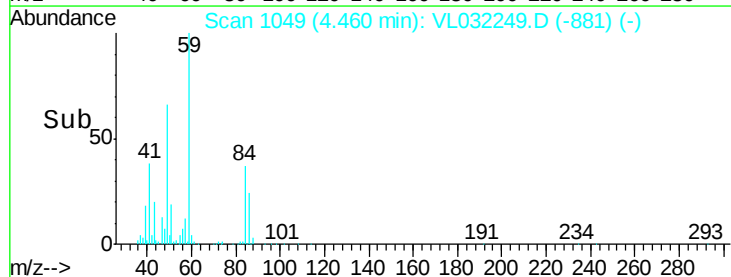
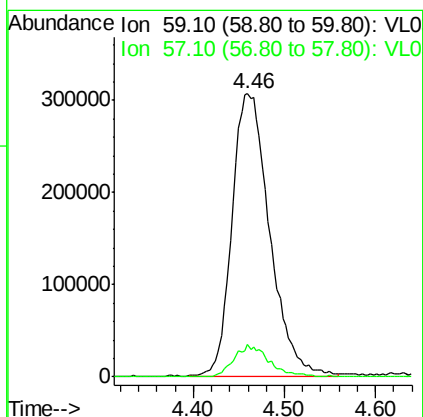
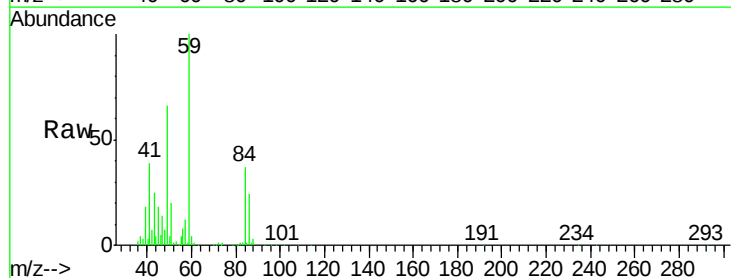
Acq: 13 Jul 2018 17:22

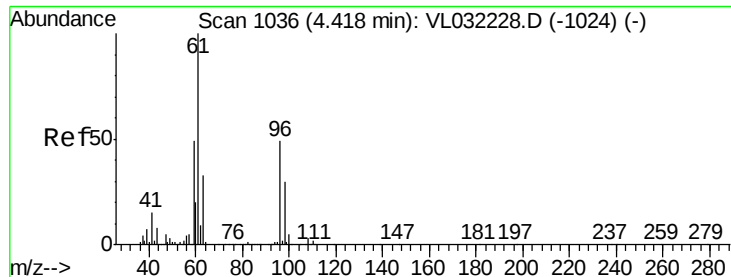
Tgt Ion: 59 Resp: 886994

Ion Ratio Lower Upper

59 100

57 2.1 8.4 12.6#





#18

1,1-Dichloroethene

Concen: 1.343 ppbv m

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VL032249.D

Acq: 13 Jul 2018 17:22

Instrument :

MSVOA_L

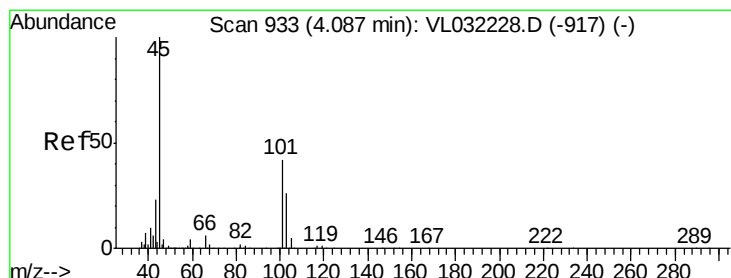
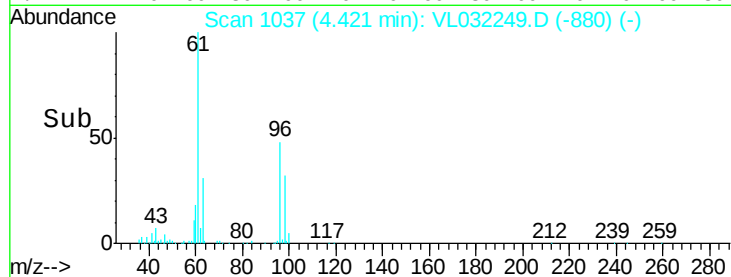
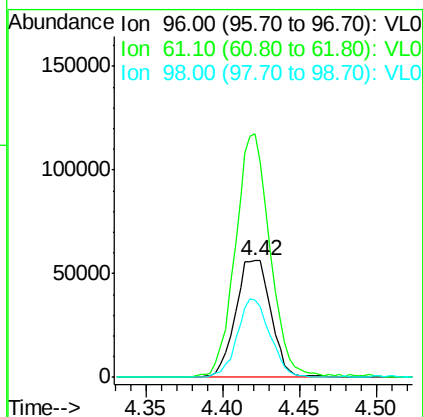
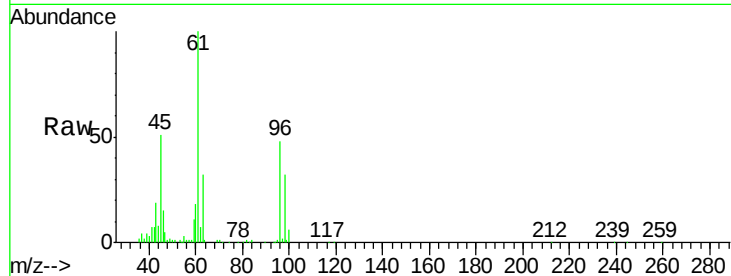
ClientSampleId :

EFFLUENT

Tgt Ion:	96	Resp:	90445
Ion Ratio	Lower	Upper	
96	100		
61	208.5	163.0	244.4
98	66.1	48.5	72.7

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#19

Isopropyl Alcohol

Concen: 43.662 ppbv

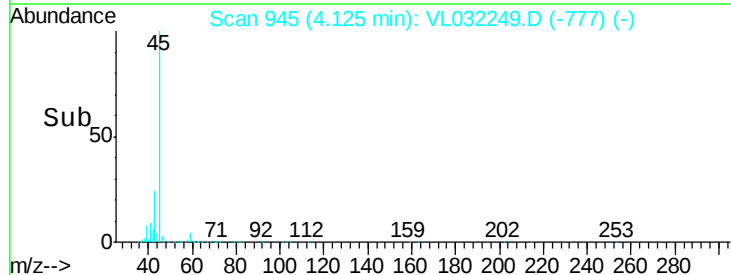
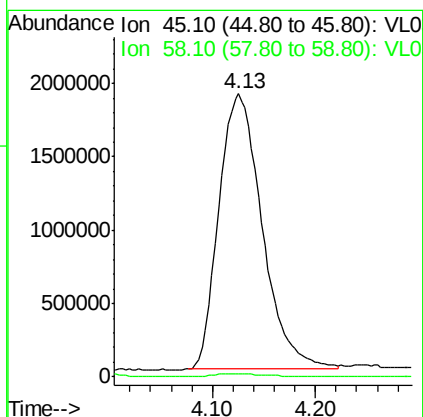
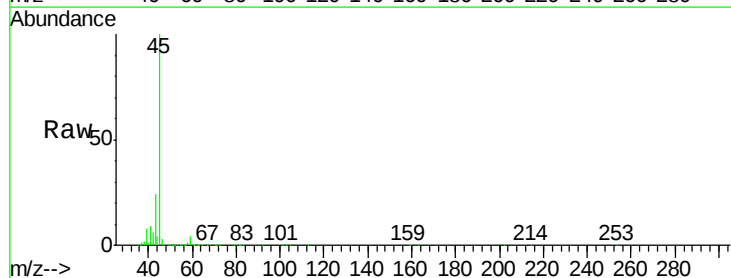
RT: 4.13 min Scan# 945

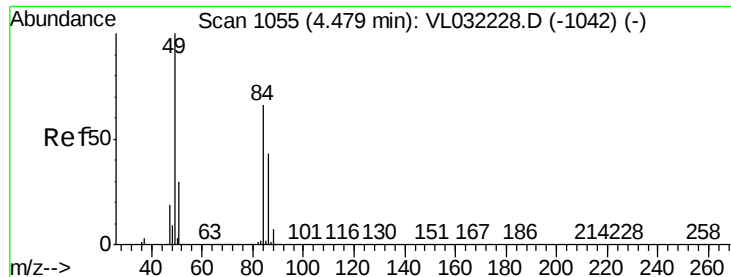
Delta R.T. 0.04 min

Lab File: VL032249.D

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Tgt Ion:	45	Resp:	5472202
Ion Ratio	Lower	Upper	
45	100		
58	1.5	1.3	1.9





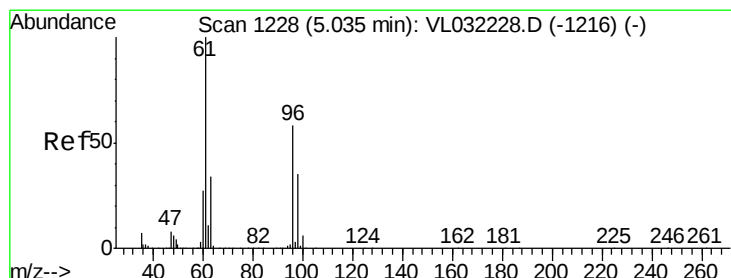
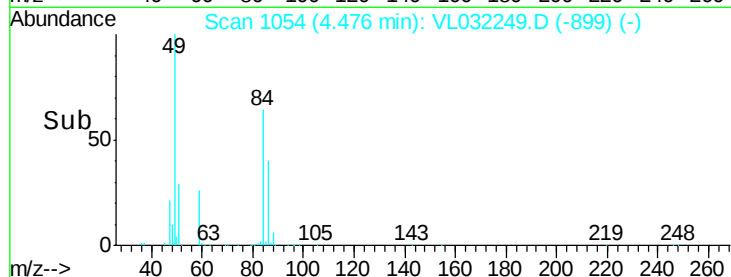
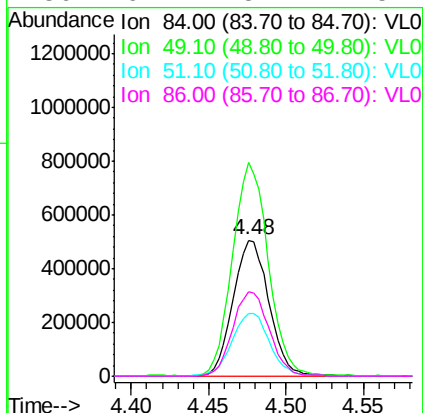
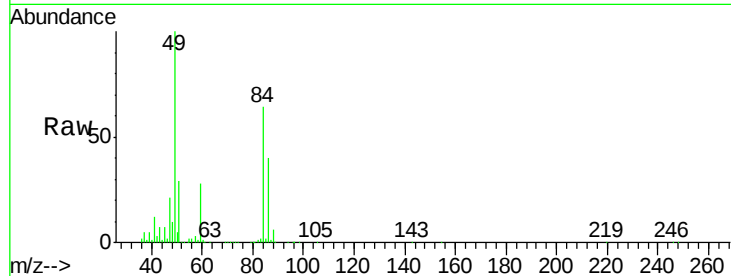
#20
Methylene Chloride
Concen: 12.593 ppbv
RT: 4.48 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VL032249.D
Acq: 13 Jul 2018 17:22

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENT

Tgt Ion	Ratio	Lower	Upper
84	100		
49	156.9	121.8	182.6
51	45.5	36.3	54.5
86	62.2	52.1	78.1

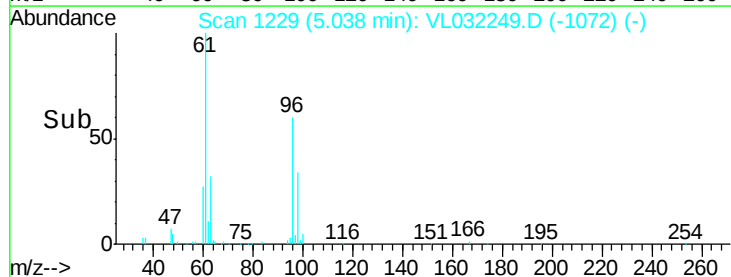
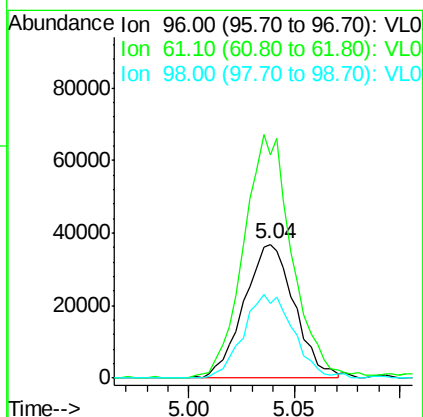
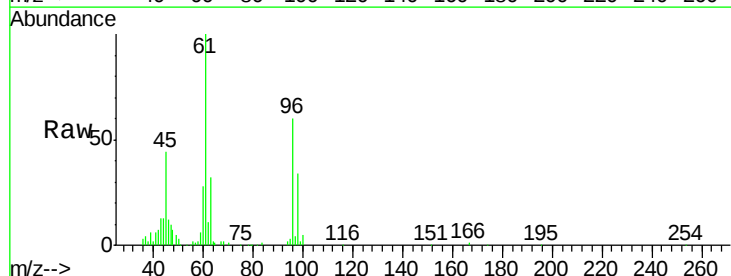
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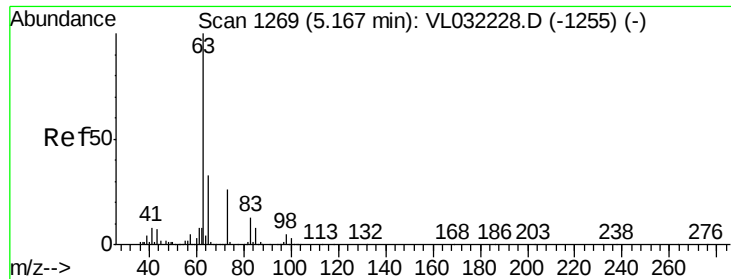
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#22
trans-1,2-Dichloroethene
Concen: 0.957 ppbv
RT: 5.04 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VL032249.D
Acq: 13 Jul 2018 17:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.6	139.1	208.7
98	56.1	48.4	72.6





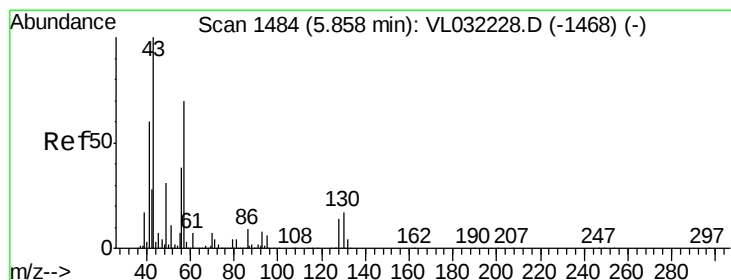
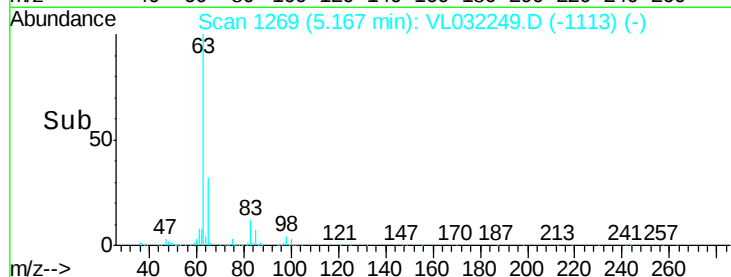
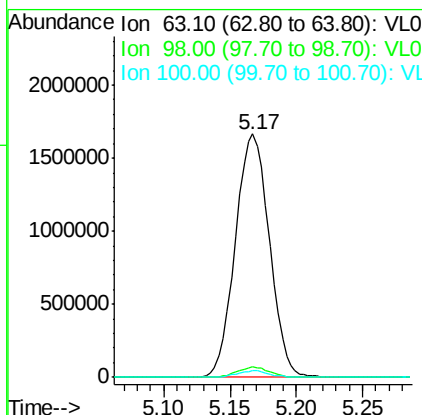
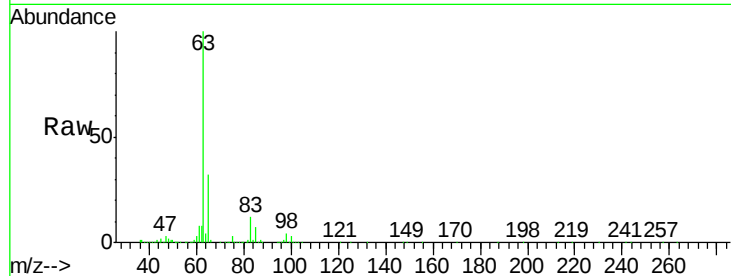
#24
 1,1-Dichloroethane
 Concen: 13.368 ppbv
 RT: 5.17 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VL032249.D
 Acq: 13 Jul 2018 17:22

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT

Tgt Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.4	7.1
100	2.7	1.5	4.4

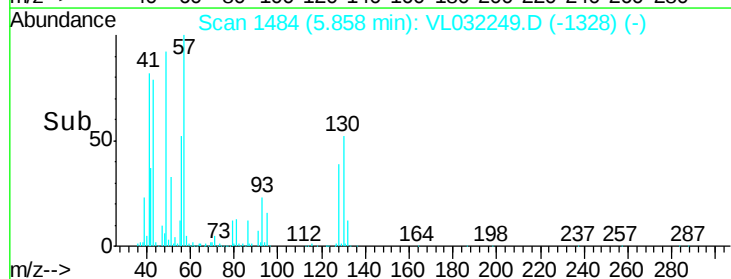
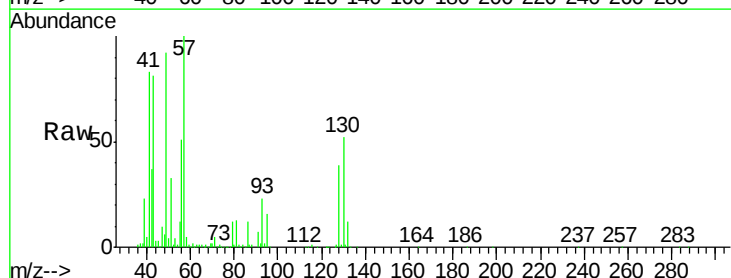
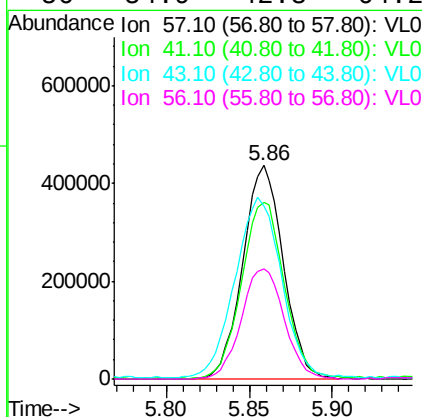
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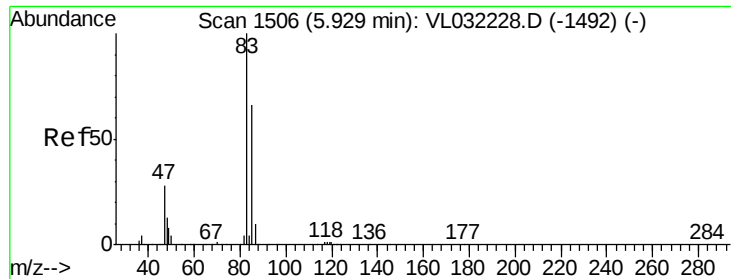
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#26
 Hexane
 Concen: 4.294 ppbv
 RT: 5.86 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: VL032249.D
 Acq: 13 Jul 2018 17:22

Tgt Ion	Ratio	Lower	Upper
57	100		
41	88.3	68.7	103.1
43	98.2	176.2	264.2#
56	54.9	42.8	64.2





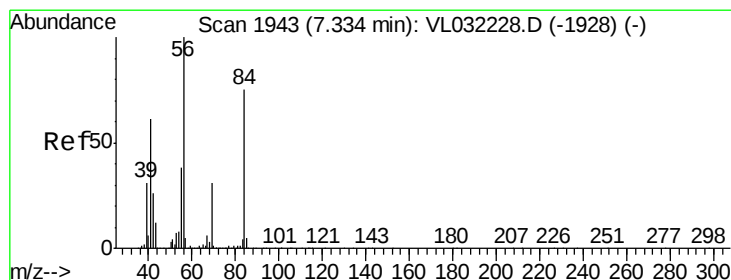
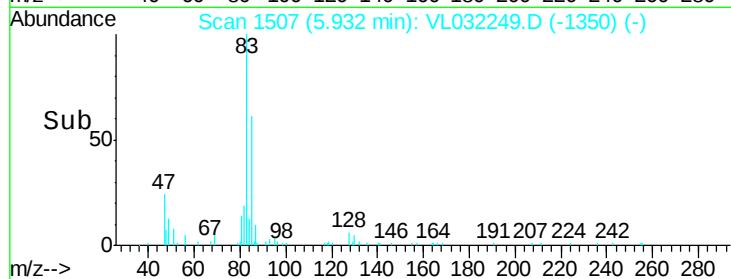
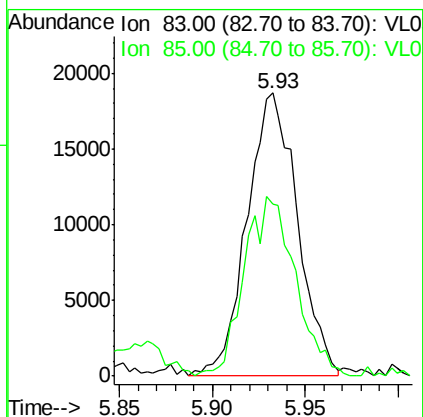
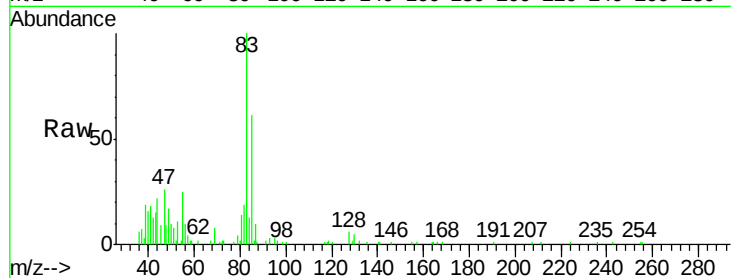
#29
Chloroform
Concen: 0.133 ppbv
RT: 5.93 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VL032249.D
Acq: 13 Jul 2018 17:22

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENT

Tgt Ion: 83 Resp: 35270
Ion Ratio Lower Upper
83 100
85 58.4 52.7 79.1

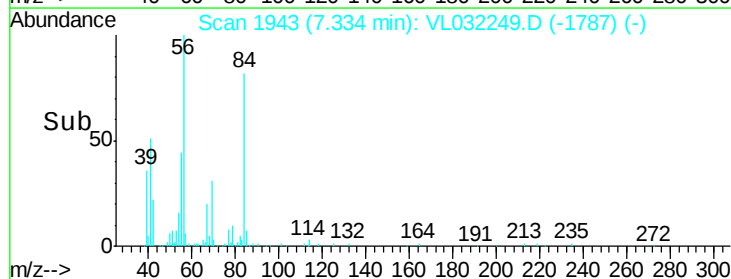
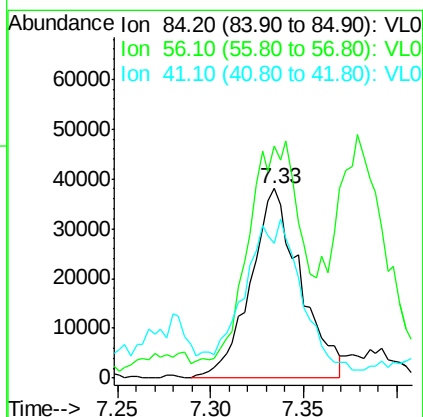
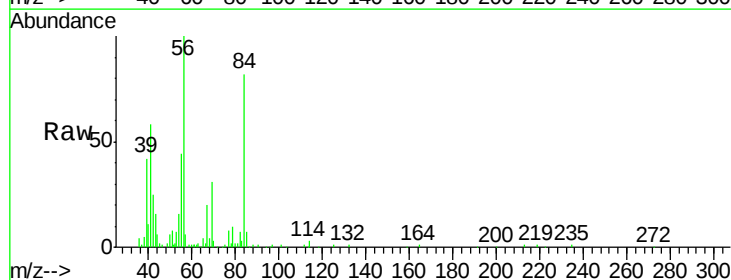
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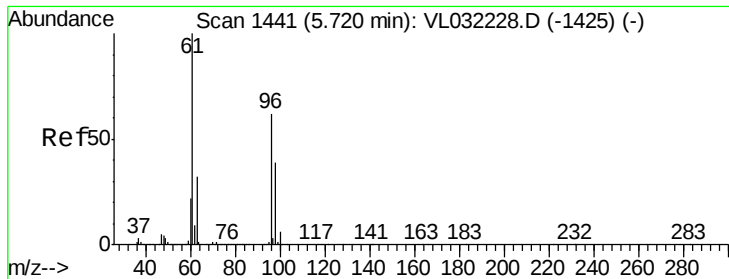
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#30
Cyclohexane
Concen: 0.467 ppbv m
RT: 7.33 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VL032249.D
Acq: 13 Jul 2018 17:22

Tgt Ion: 84 Resp: 70990
Ion Ratio Lower Upper
84 100
56 147.5 112.6 168.8
41 92.3 67.0 100.6





#31

cis-1,2-Dichloroethene

Concen: 0.113 ppbv m

RT: 5.72 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VL032249.D

Acq: 13 Jul 2018 17:22

Instrument :

MSVOA_L

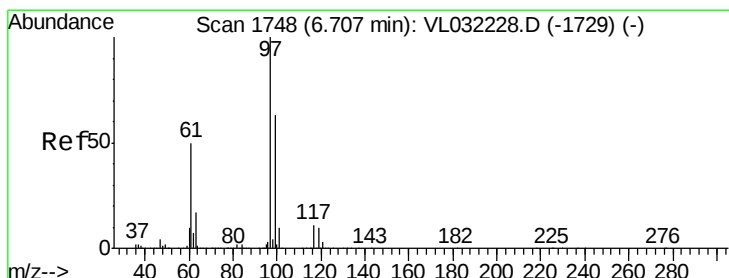
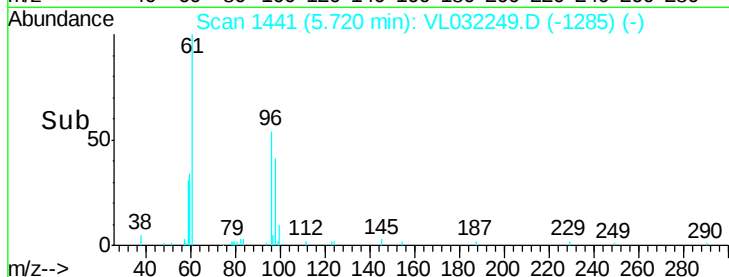
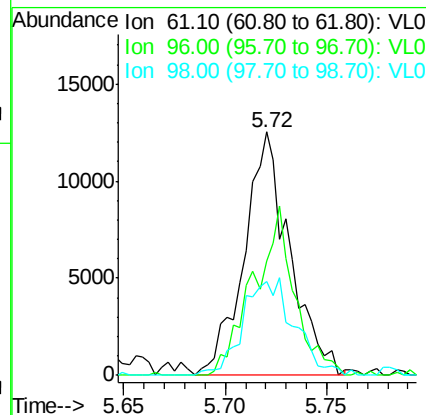
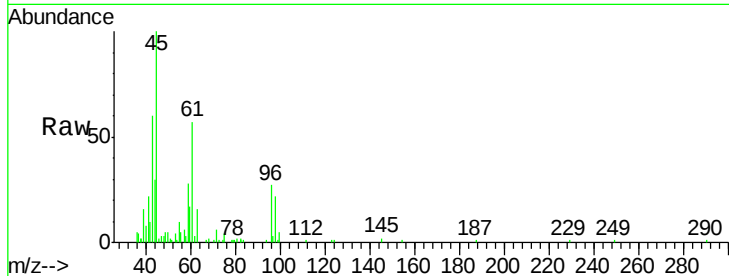
ClientSampled :

EFFLUENT

Tgt Ion:	61	Resp:	19450
Ion Ratio		Lower	Upper
61	100		
96	46.8	49.8	74.8#
98	38.6	31.4	47.2

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#32

1,1,1-Trichloroethane

Concen: 41.499 ppbv

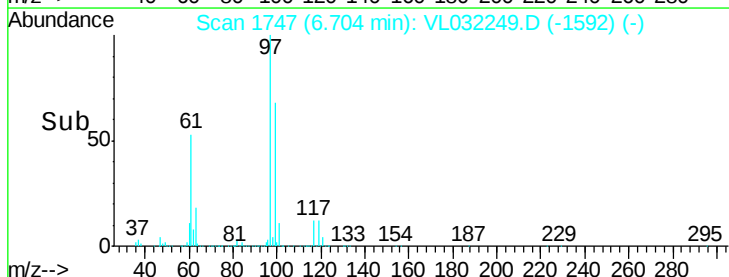
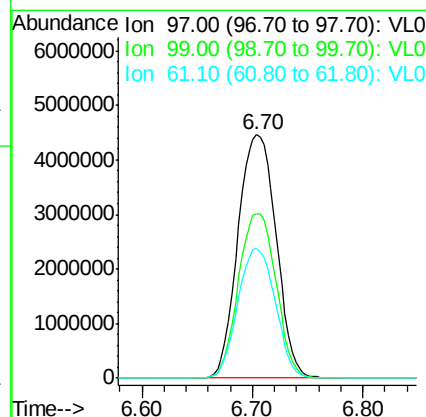
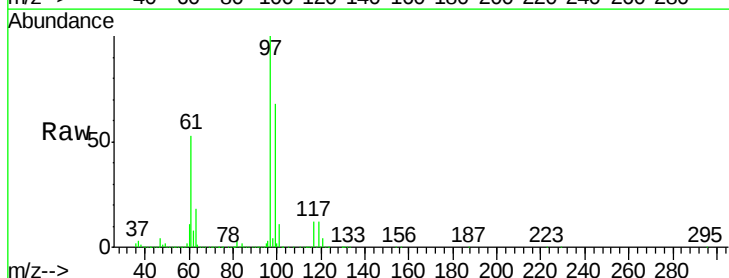
RT: 6.70 min Scan# 1747

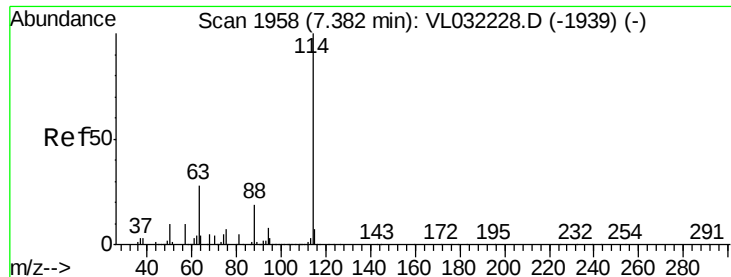
Delta R.T. -0.00 min

Lab File: VL032249.D

Acq: 13 Jul 2018 17:22

Tgt Ion:	97	Resp:	10711266
Ion Ratio		Lower	Upper
97	100		
99	66.4	51.2	76.8
61	52.5	41.3	61.9





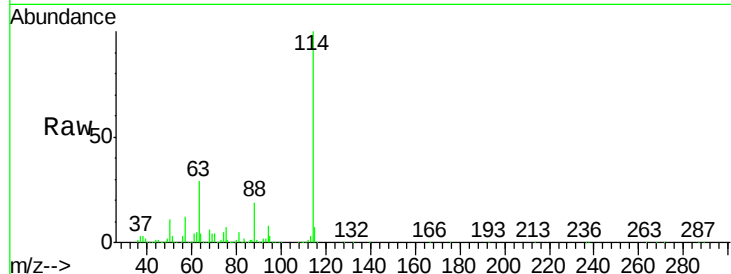
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.38 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: VL032249.D
 Acq: 13 Jul 2018 17:22

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT

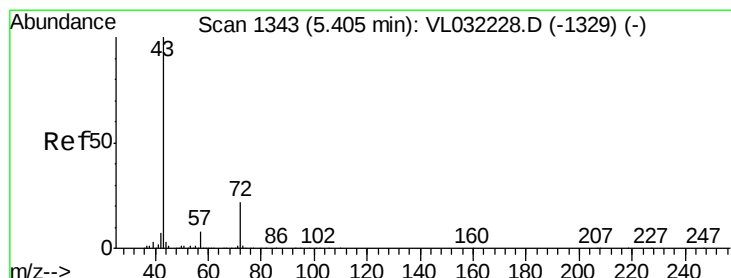
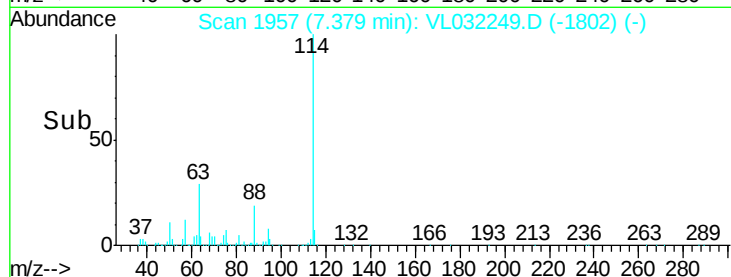
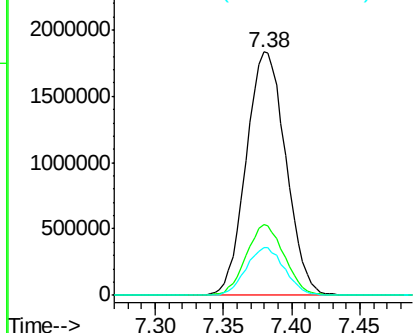
Tgt Ion	Ratio	Lower	Upper
114	100		
63	28.2	22.5	33.7
88	19.2	15.4	23.0

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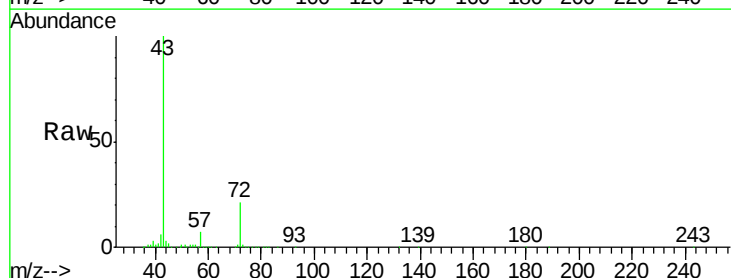


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

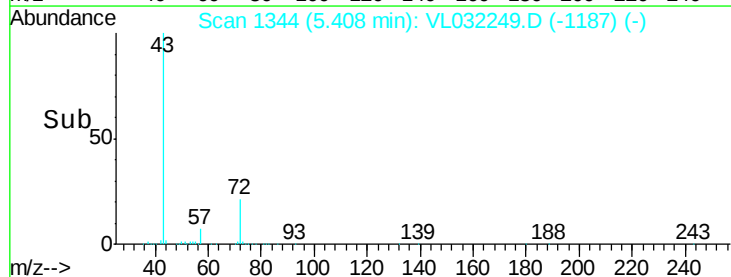
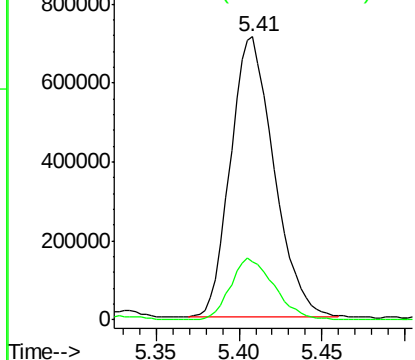


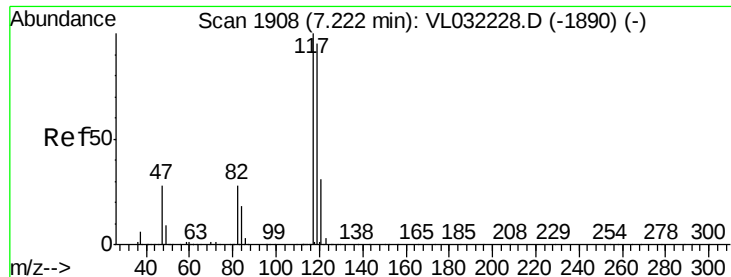
#34
 2-Butanone
 Concen: 5.145 ppbv
 RT: 5.41 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VL032249.D
 Acq: 13 Jul 2018 17:22

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.2	18.1	27.1



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.081 ppbv m

RT: 7.22 min Scan# 1906

Delta R.T. -0.01 min

Lab File: VL032249.D

Acq: 13 Jul 2018 17:22

Instrument :

MSVOA_L

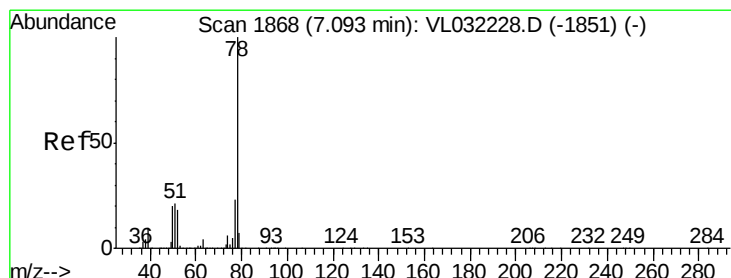
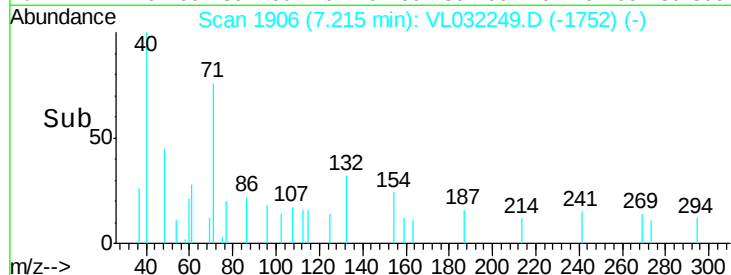
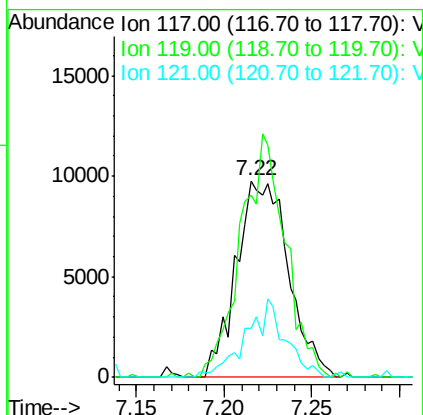
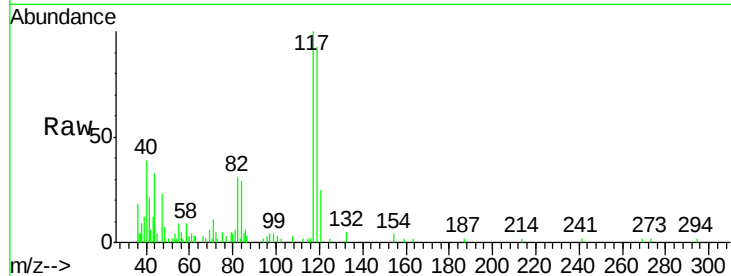
ClientSampleId :

EFFLUENT

Tgt Ion:	117	Resp:	20171
Ion Ratio	Lower	Upper	
117	100		
119	92.8	75.7	113.5
121	25.1	24.6	37.0

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#36

Benzene

Concen: 0.512 ppbv

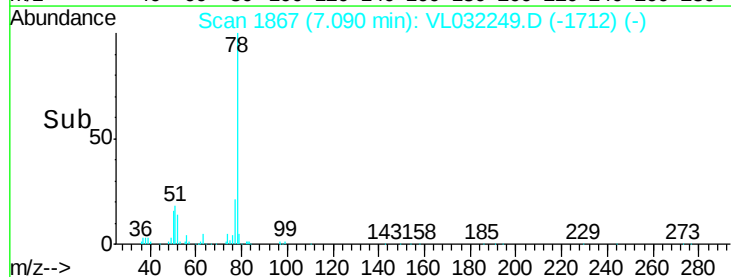
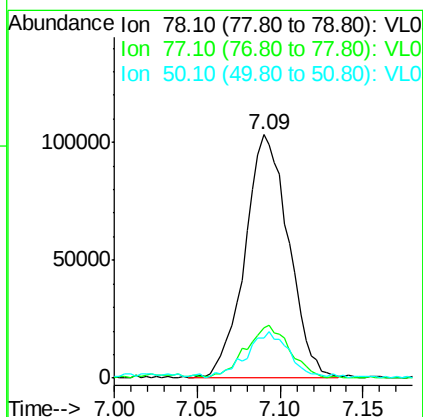
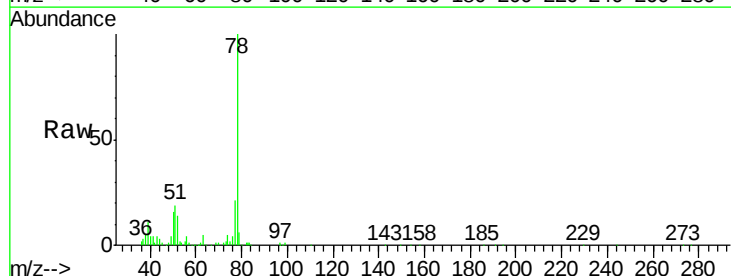
RT: 7.09 min Scan# 1867

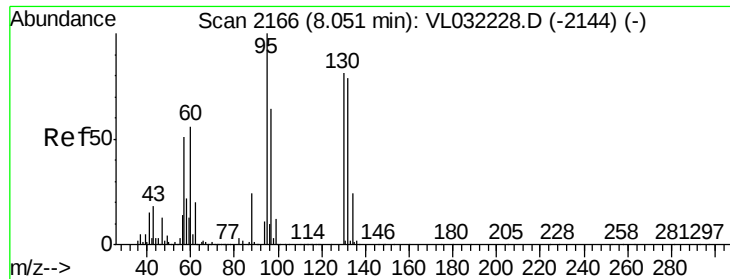
Delta R.T. -0.00 min

Lab File: VL032249.D

Acq: 13 Jul 2018 17:22

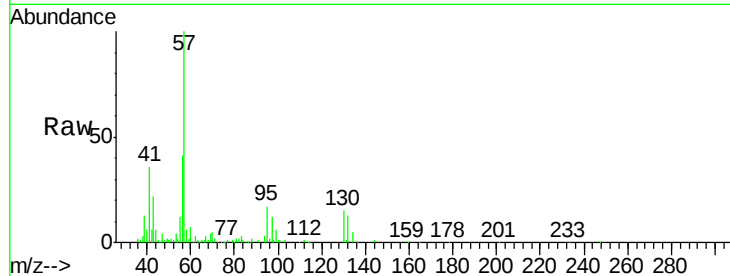
Tgt Ion:	78	Resp:	188216
Ion Ratio	Lower	Upper	
78	100		
77	20.2	18.0	27.0
50	15.6	15.8	23.8#





#38
 Trichloroethene
 Concen: 0.183 ppbv
 RT: 8.05 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VL032249.D
 Acq: 13 Jul 2018 17:22

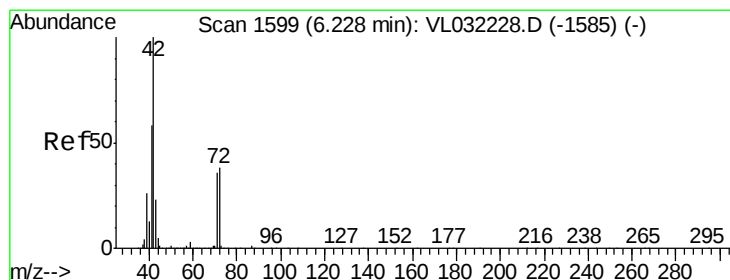
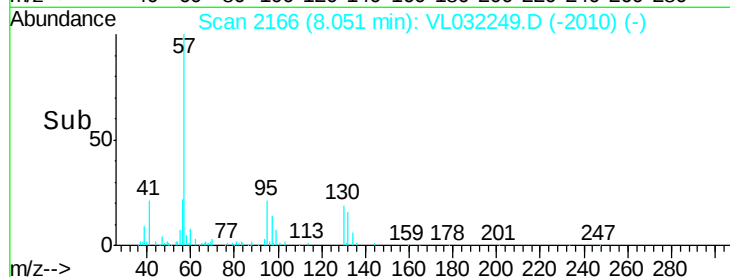
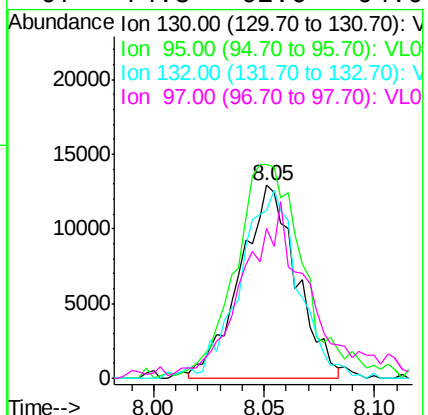
Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT



Tgt Ion	Ratio	Lower	Upper
130	100		
95	109.0	98.3	147.5
132	82.7	78.1	117.1
97	74.8	62.6	94.0

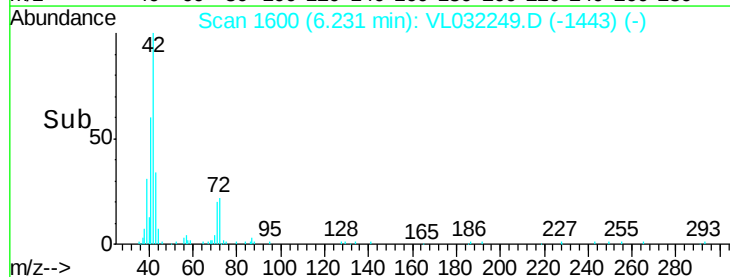
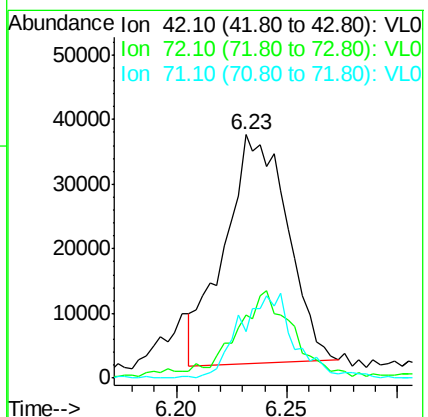
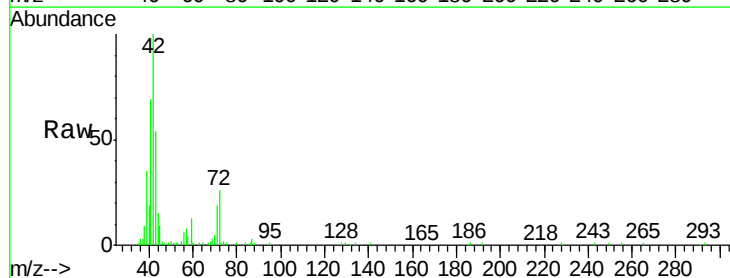
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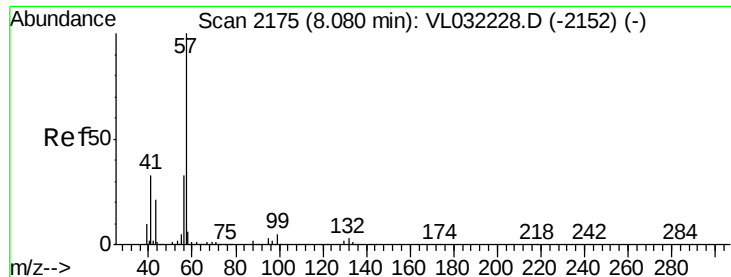
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#41
 Tetrahydrofuran
 Concen: 0.497 ppbv
 RT: 6.23 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VL032249.D
 Acq: 13 Jul 2018 17:22

Tgt Ion	Ratio	Lower	Upper
42	100		
72	35.3	30.6	45.8
71	32.4	29.7	44.5





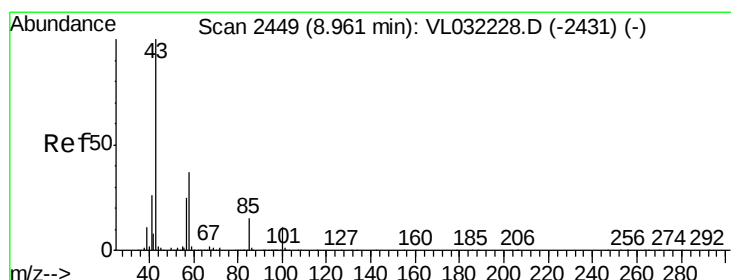
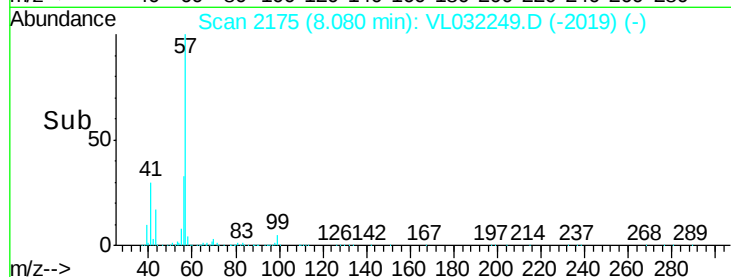
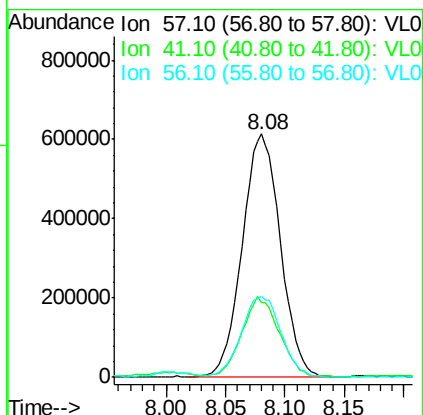
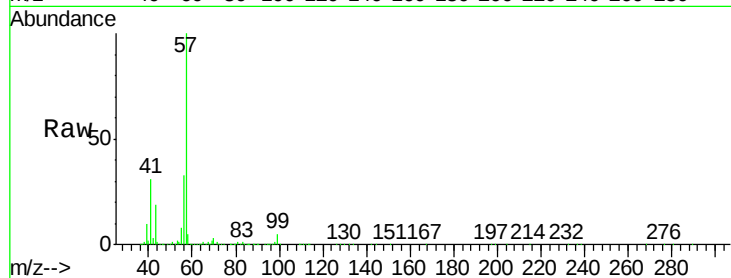
#44
 2,2,4-Trimethylpentane
 Concen: 2.141 ppbv
 RT: 8.08 min Scan# 2175
 Delta R.T. 0.00 min
 Lab File: VL032249.D
 Acq: 13 Jul 2018 17:22

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT

Tgt Ion	Ratio	Lower	Upper
57	100		
41	33.0	24.7	37.1
56	35.0	25.4	38.0

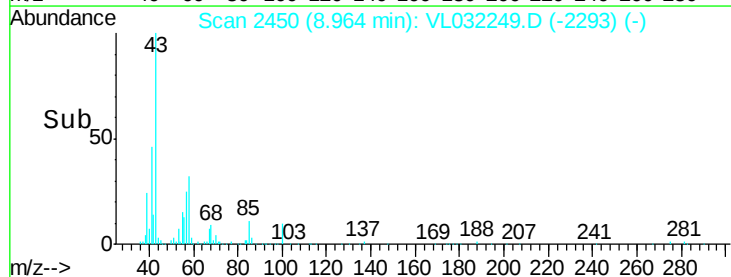
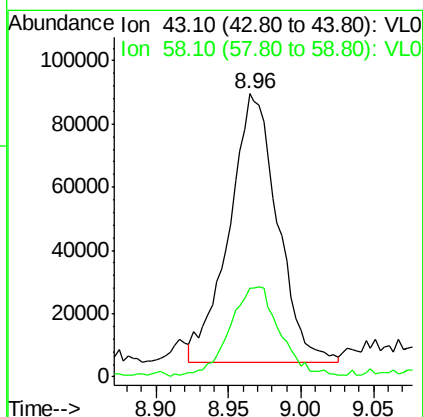
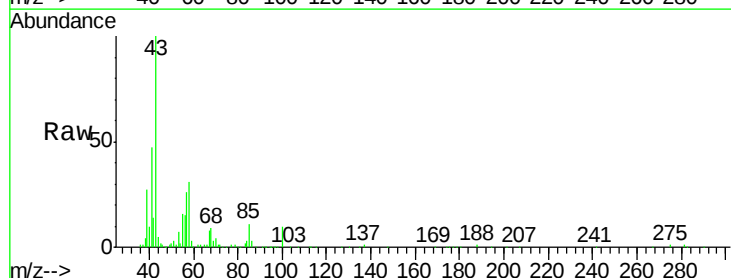
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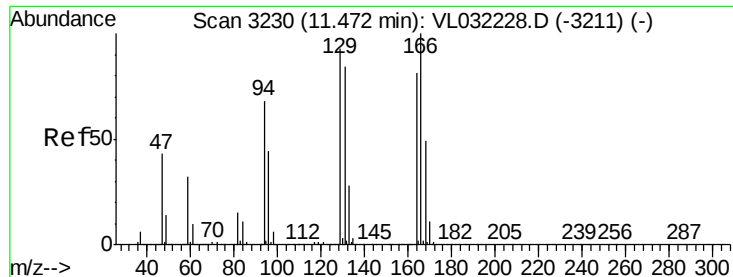
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#50
 4-Methyl-2-Pentanone
 Concen: 0.454 ppbv
 RT: 8.96 min Scan# 2450
 Delta R.T. 0.00 min
 Lab File: VL032249.D
 Acq: 13 Jul 2018 17:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.0	29.5	44.3





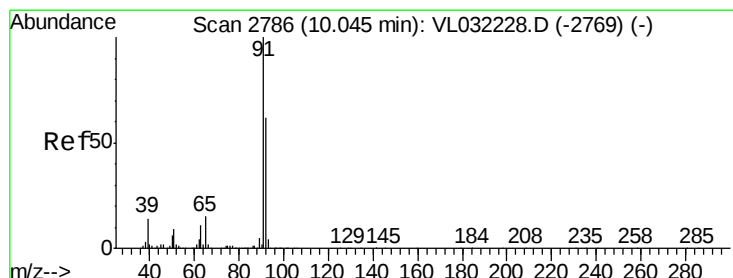
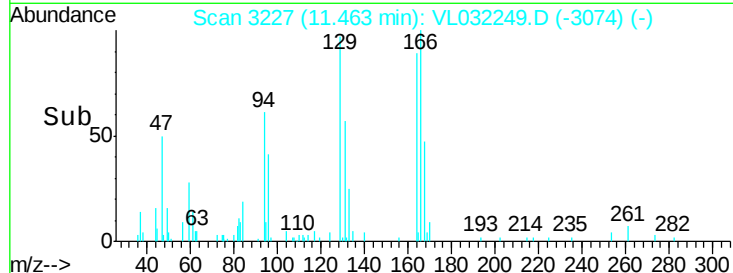
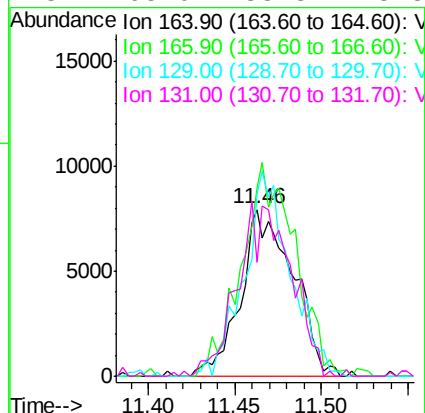
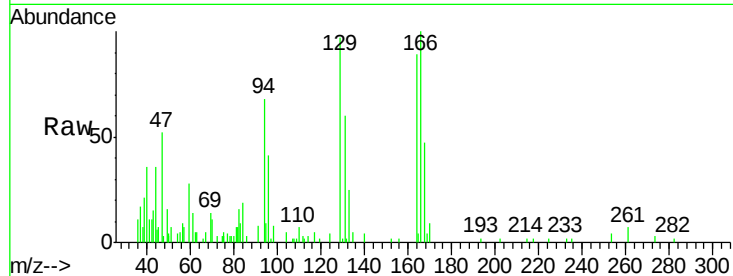
#52
Tetrachloroethene
Concen: 0.124 ppbv m
RT: 11.46 min Scan# 3227
Delta R.T. -0.01 min
Lab File: VL032249.D
Acq: 13 Jul 2018 17:22

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENT

Tgt Ion	Ratio	Lower	Upper
164	100		
166	112.6	99.3	148.9
129	108.9	92.0	138.0
131	68.0	83.8	125.8

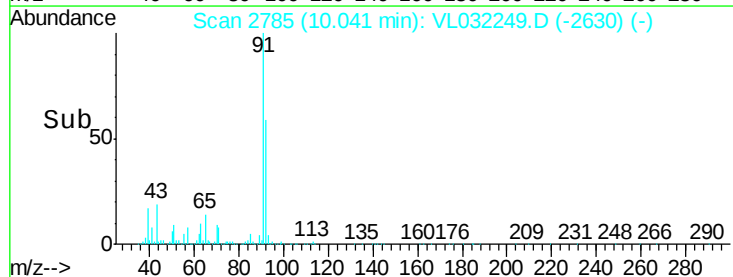
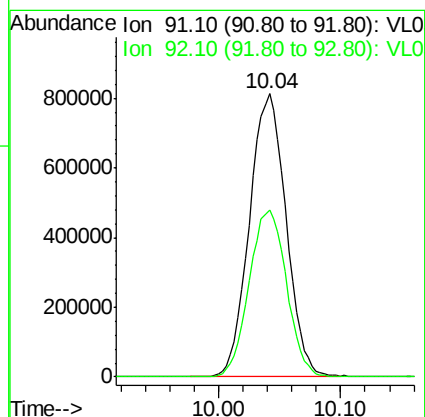
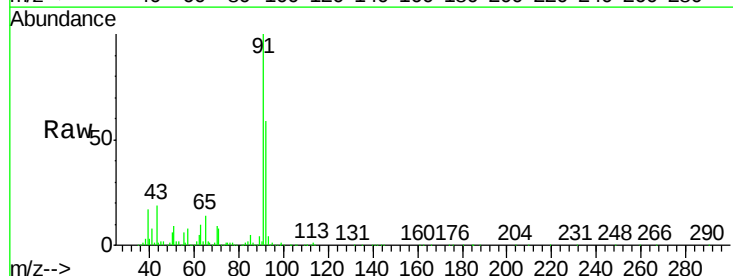
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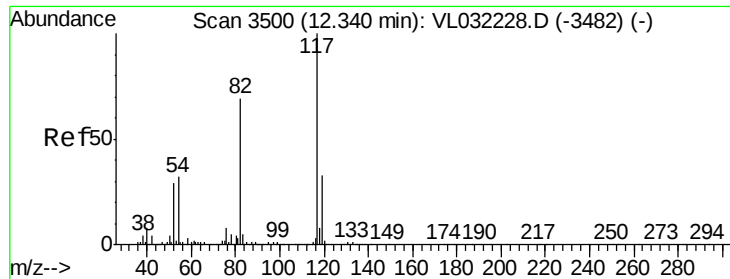
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#53
Toluene
Concen: 3.879 ppbv
RT: 10.04 min Scan# 2785
Delta R.T. -0.00 min
Lab File: VL032249.D
Acq: 13 Jul 2018 17:22

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.3	49.0	73.4





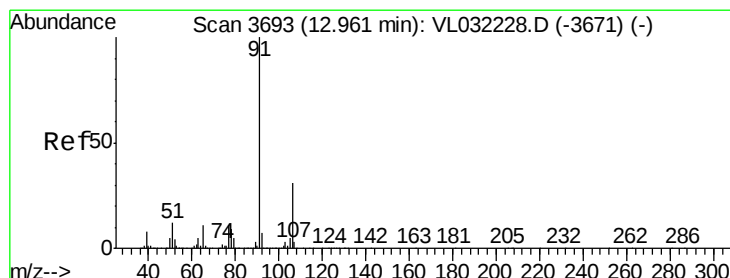
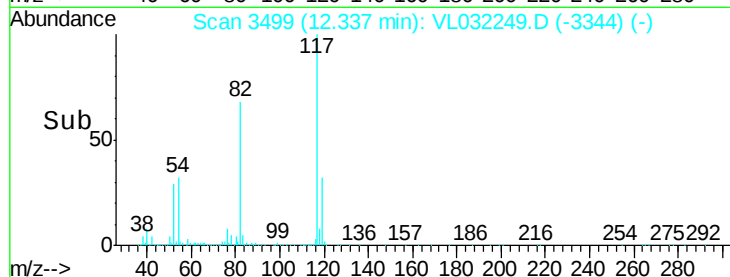
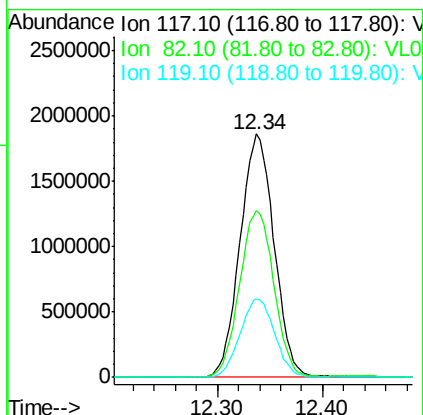
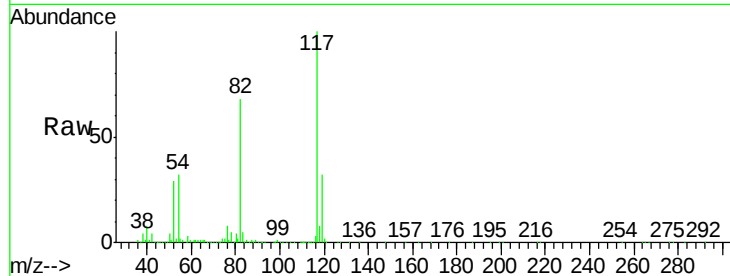
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.34 min Scan# 3499
Delta R.T. -0.00 min
Lab File: VL032249.D
Acq: 13 Jul 2018 17:22

Instrument :
MSVOA_L
ClientSampled :
EFFLUENT

Tgt Ion: 117 Resp: 4181946
Ion Ratio Lower Upper
117 100
82 69.1 53.2 79.8
119 32.8 43.9 65.9#

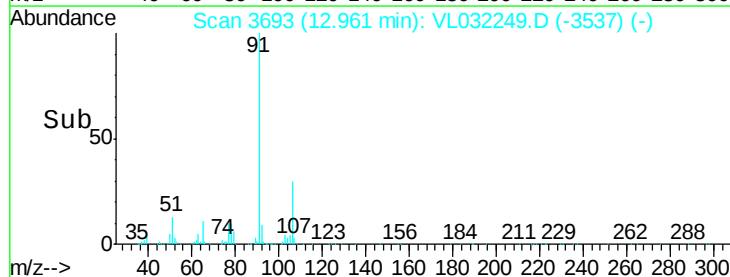
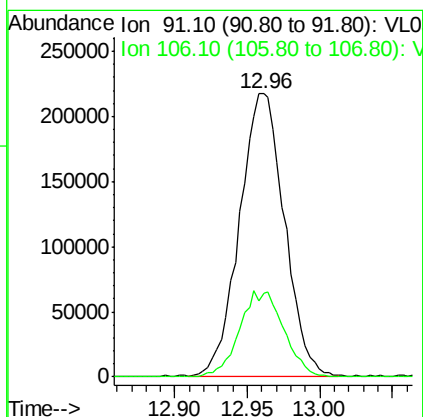
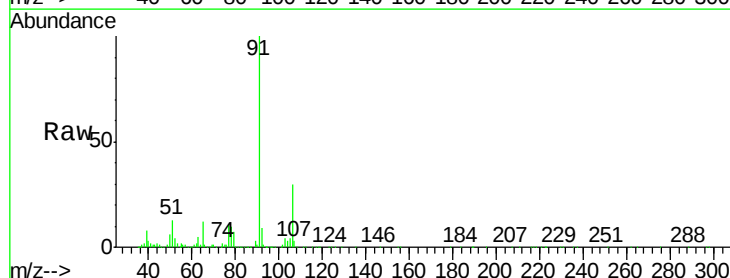
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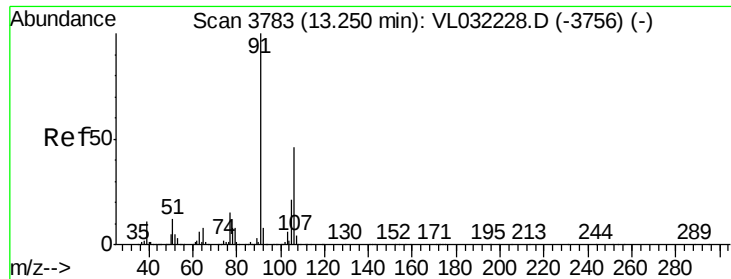
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#58
Ethyl Benzene
Concen: 0.764 ppbv
RT: 12.96 min Scan# 3693
Delta R.T. 0.00 min
Lab File: VL032249.D
Acq: 13 Jul 2018 17:22

Tgt Ion: 91 Resp: 465005
Ion Ratio Lower Upper
91 100
106 29.6 24.5 36.7





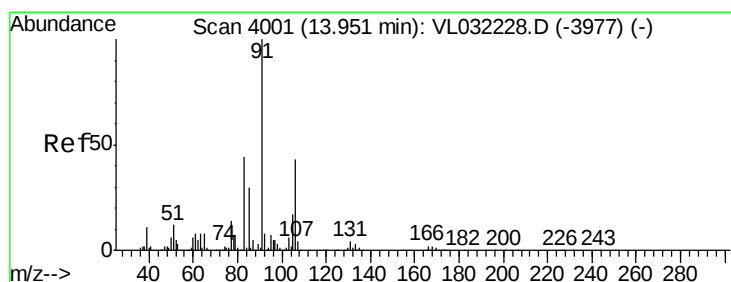
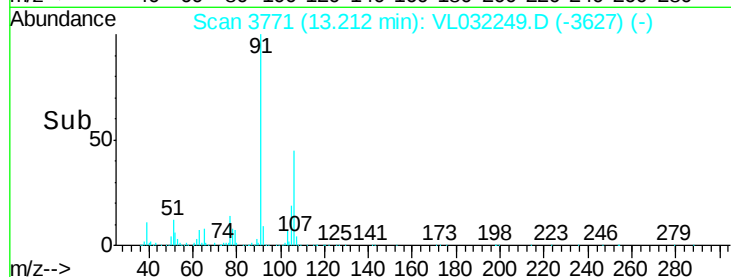
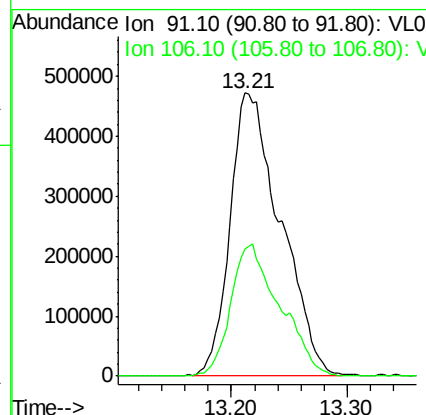
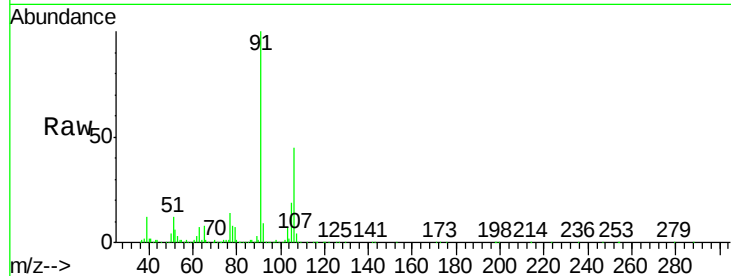
#59
m/p-Xylene
Concen: 2.822 ppbv
RT: 13.21 min Scan# 3771
Delta R.T. -0.04 min
Lab File: VL032249.D
Acq: 13 Jul 2018 17:22

Instrument :
MSVOA_L
ClientSampled :
EFFLUENT

Tgt Ion: 91 Resp: 1413968
Ion Ratio Lower Upper
91 100
106 45.8 36.4 54.6

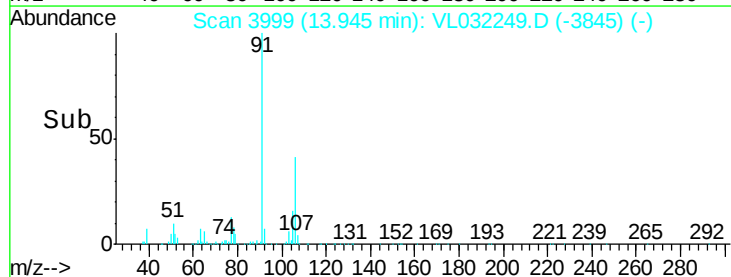
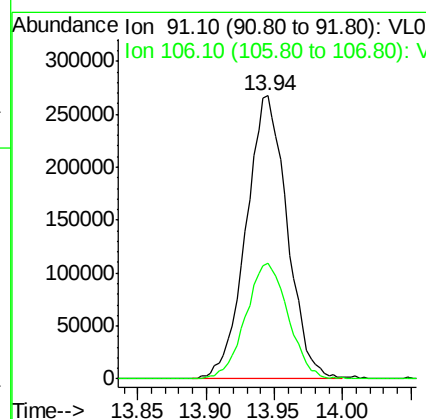
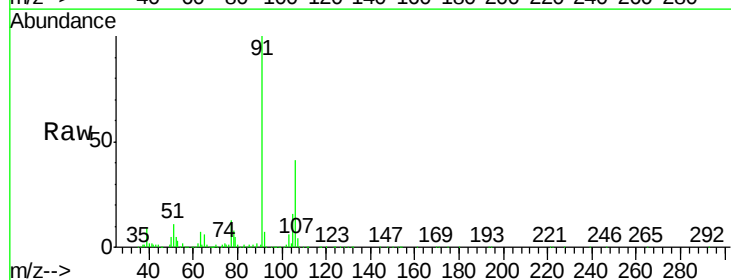
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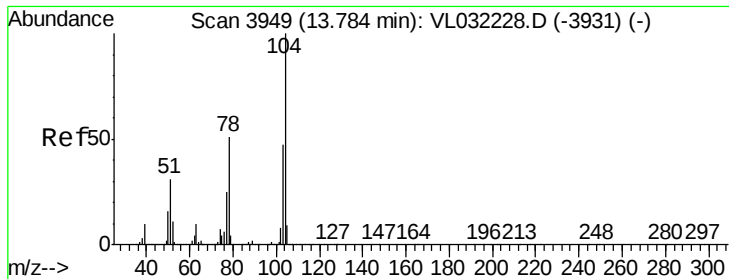
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#60
o-Xylene
Concen: 1.128 ppbv
RT: 13.94 min Scan# 3999
Delta R.T. -0.01 min
Lab File: VL032249.D
Acq: 13 Jul 2018 17:22

Tgt Ion: 91 Resp: 557618
Ion Ratio Lower Upper
91 100
106 42.6 21.9 65.5





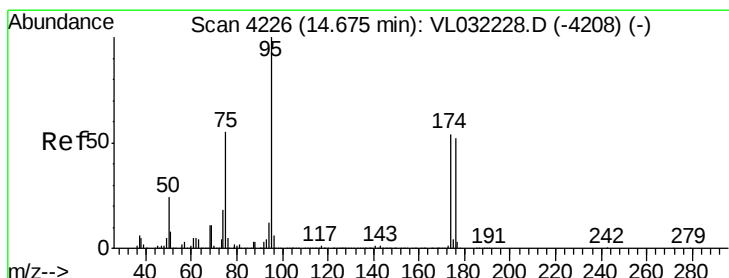
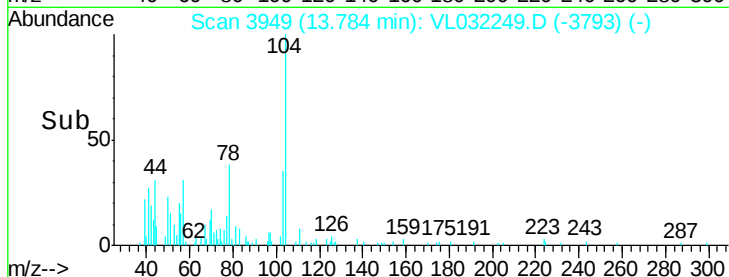
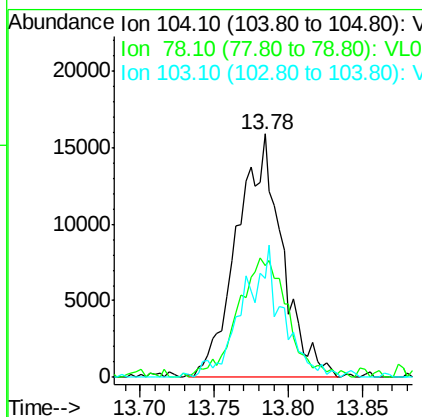
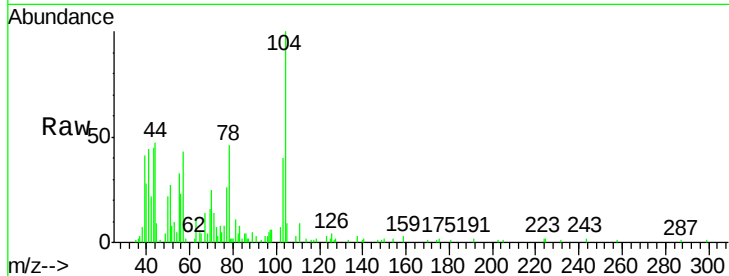
#61
 Styrene
 Concen: 0.091 ppbv m
 RT: 13.78 min Scan# 3949
 Delta R.T. 0.00 min
 Lab File: VL032249.D
 Acq: 13 Jul 2018 17:22

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT

Tgt Ion	Ratio	Lower	Upper
104	100		
78	55.7	43.4	65.0
103	48.1	38.0	57.0

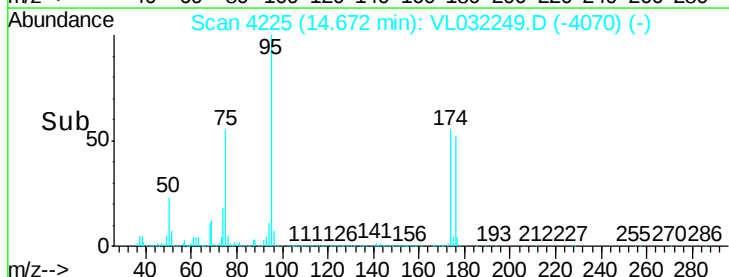
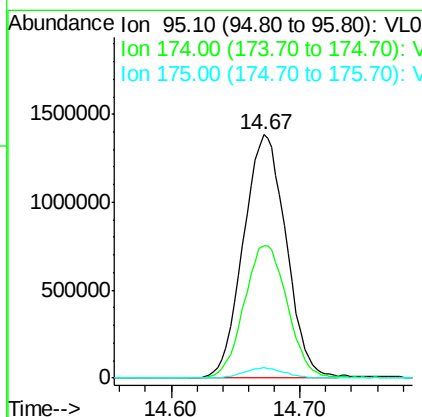
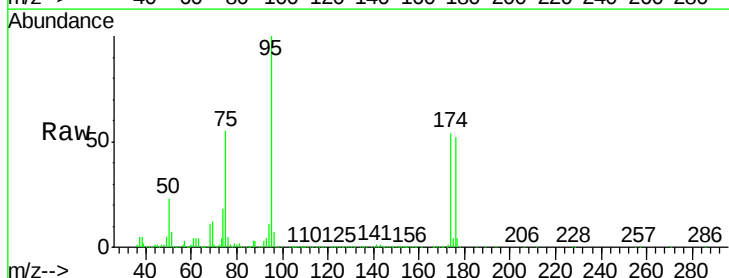
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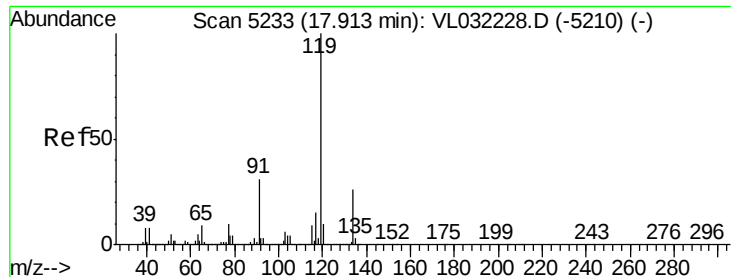
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.855 ppbv
 RT: 14.67 min Scan# 4225
 Delta R.T. -0.00 min
 Lab File: VL032249.D
 Acq: 13 Jul 2018 17:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	55.5	44.6	67.0
175	4.0	3.3	4.9





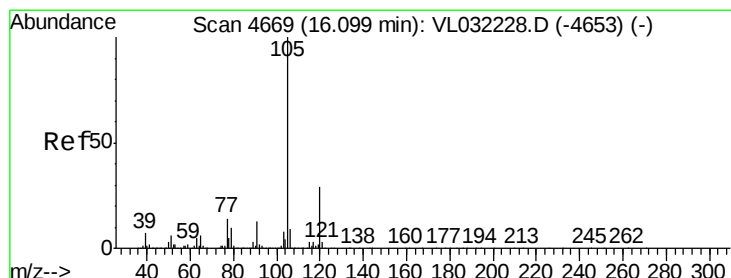
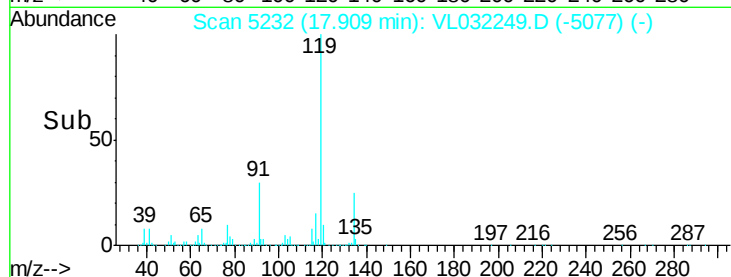
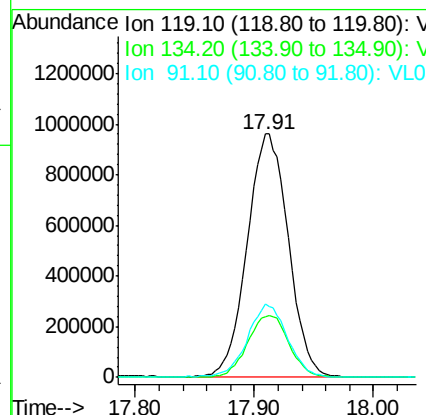
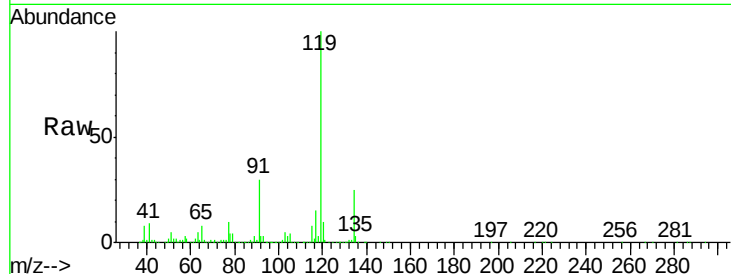
#69
p-Isopropyltoluene
Concen: 3.458 ppbv
RT: 17.91 min Scan# 5232
Delta R.T. -0.00 min
Lab File: VL032249.D
Acq: 13 Jul 2018 17:22

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENT

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	20.1	30.1
91	29.5	24.2	36.2

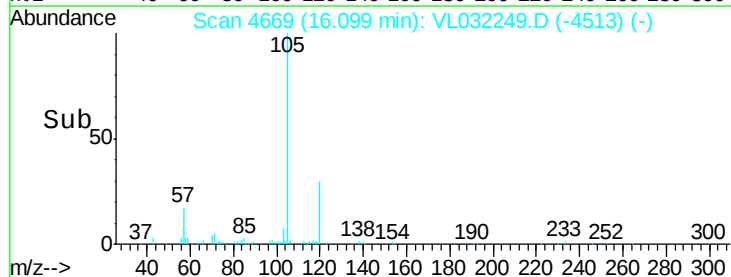
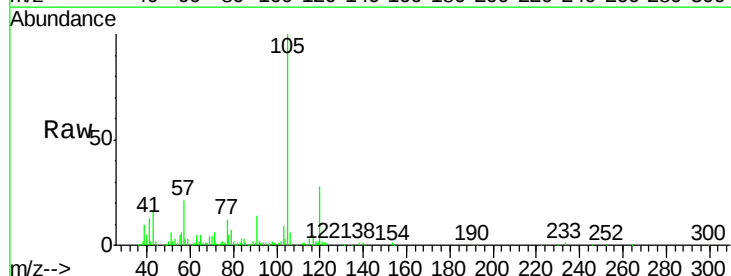
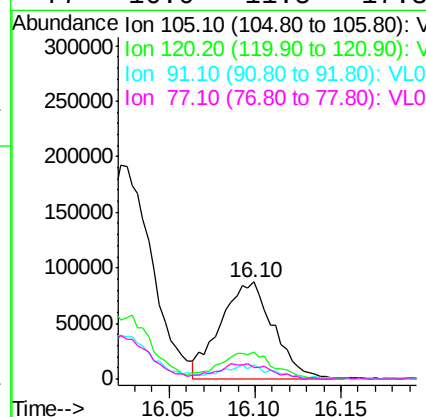
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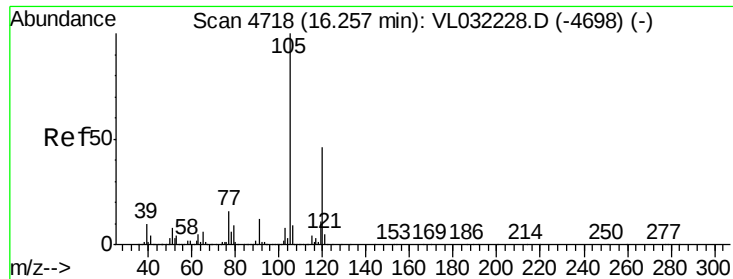
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#72
4-Ethyltoluene
Concen: 0.333 ppbv
RT: 16.10 min Scan# 4669
Delta R.T. 0.00 min
Lab File: VL032249.D
Acq: 13 Jul 2018 17:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.0	23.3	34.9
91	15.0	10.3	15.5
77	16.0	11.5	17.3





#73

1,3,5-Trimethylbenzene

Concen: 0.289 ppbv

RT: 16.25 min Scan# 4716

Delta R.T. -0.01 min

Lab File: VL032249.D

Acq: 13 Jul 2018 17:22

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENT

Tgt Ion:105 Resp: 149242

Ion Ratio Lower Upper

105 100

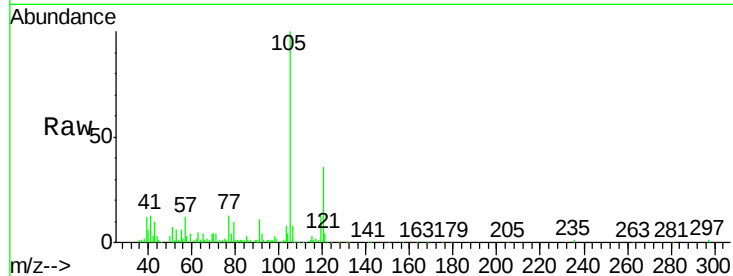
120 40.0 36.6 54.8

Manual Integrations

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

16.25

80000

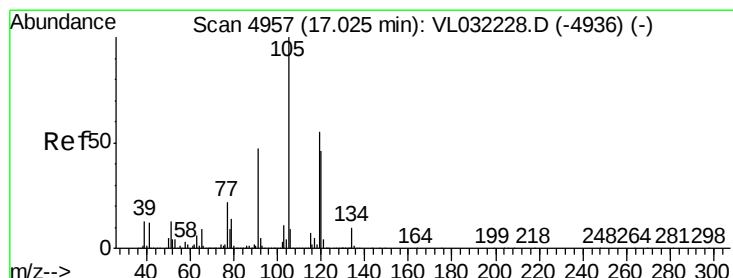
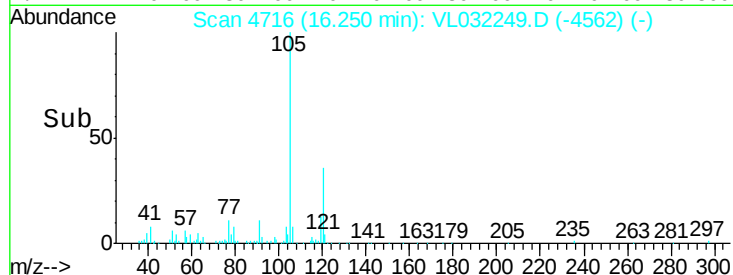
60000

40000

20000

0

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 0.939 ppbv

RT: 17.02 min Scan# 4955

Delta R.T. -0.01 min

Lab File: VL032249.D

Acq: 13 Jul 2018 17:22

Tgt Ion:105 Resp: 495229

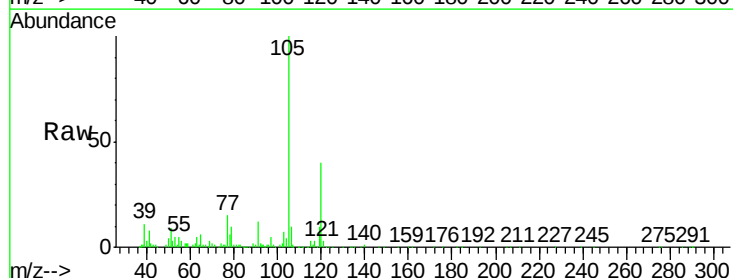
Ion Ratio Lower Upper

105 100

120 40.3 37.0 55.4

91 11.4 38.2 57.2#

77 14.9 17.7 26.5#



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

17.02

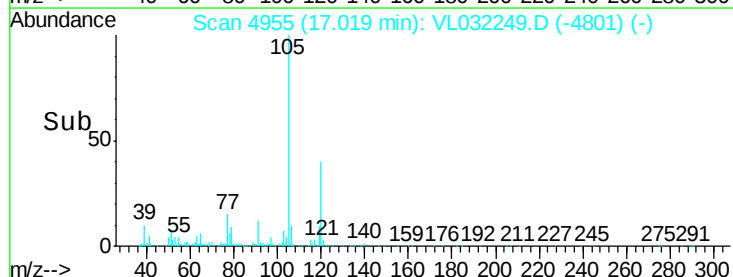
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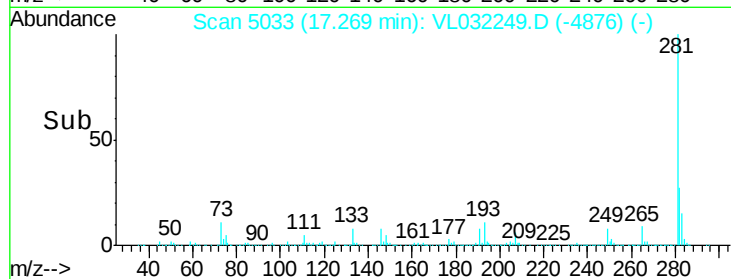
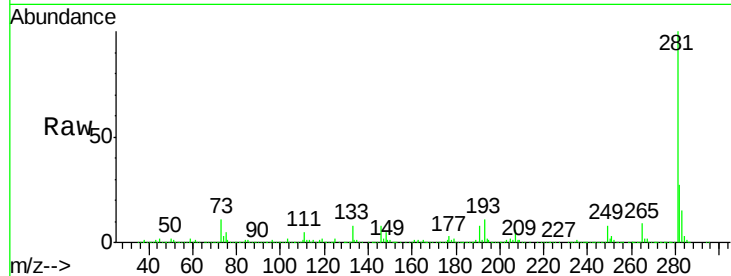
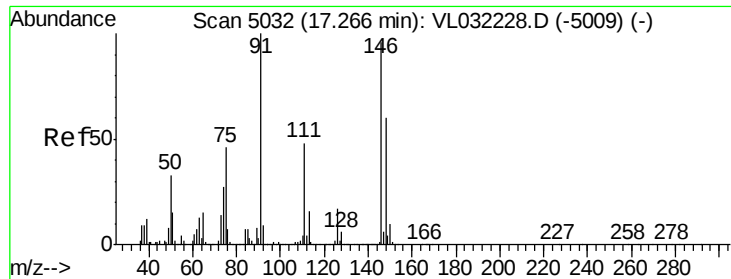
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100000

0

Time-->





#75

1,3-Dichlorobenzene

Concen: 1.336 ppbv m

RT: 17.27 min Scan# 5033

Delta R.T. 0.00 min

Lab File: VL032249.D

Acq: 13 Jul 2018 17:22

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENT

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	0.0	24.9	74.7#
148	0.0	31.9	95.5#

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