

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
 Data File : VL037725.D
 Acq On : 29 Sep 2021 9:46
 Operator : SY/AP
 Sample : M3896-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT

Quant Time: Sep 29 22:21:27 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1285790	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.17	114	3852989	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.08	117	3372670	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2458523	10.09	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.05	85	18288	0.079	ppbv 90
3) Chlorodifluoromethane	2.97	51	57970	0.239	ppbv # 79
4) Chloromethane	3.14	50	11166	0.125	ppbv # 82
7) Chloroethane	3.56	64	1158	0.037	ppbv 92
9) Propene	3.02	41	61983	0.725	ppbv 87
10) Heptane	8.12	43	38108	0.191	ppbv # 26
11) Trichlorofluoromethane	3.95	101	35004	0.187	ppbv 90
12) 1,1,2-Trichlorotrifluoroet	4.48	101	9927	0.072	ppbv # 1
13) Ethanol	3.60	45	744674	88.991	ppbv 98
15) Acetone	3.85	43	2321719	17.379	ppbv 97
16) 1,3-Butadiene	3.32	39	30391	0.364	ppbv # 25
18) 1,1-Dichloroethene	4.29	96	59390	0.925	ppbv # 93
19) Isopropyl Alcohol	3.97	45	539978	7.429	ppbv # 1
20) Methylene Chloride	4.35	84	1761883	27.625	ppbv 97
22) trans-1,2-Dichloroethene	4.88	96	3525	0.055	ppbv # 68
23) Vinyl Acetate	5.07	43	20013	0.108	ppbv # 56
24) 1,1-Dichloroethane	5.01	63	312679	2.361	ppbv # 96
25) Ethyl Acetate	5.68	43	1655590	5.117	ppbv # 77
26) Hexane	5.68	57	2343310	15.246	ppbv # 45
29) Chloroform	5.75	83	19572	0.087	ppbv 93
30) Cyclohexane	7.13	84	5296	0.040	ppbv # 1
32) 1,1,1-Trichloroethane	6.51	97	208717	0.999	ppbv 92
34) 2-Butanone	5.25	43	439137	2.805	ppbv 92
36) Benzene	6.89	78	15642	0.049	ppbv 96
39) 1,2-Dichloropropane	7.17	63	906976	7.370	ppbv # 26
41) Tetrahydrofuran	6.05	42	44040	0.598	ppbv # 36
43) Methyl Methacrylate	8.01	69	4480	0.042	ppbv # 1
50) 4-Methyl-2-Pentanone	8.74	43	9025	0.045	ppbv # 38
51) 2-Hexanone	10.13	43	86078	0.982	ppbv # 29
53) Toluene	9.80	91	418652	1.172	ppbv 99
58) Ethyl Benzene	12.71	91	120535	0.269	ppbv 99
59) m/p-Xylene	12.99	91	101291	0.260	ppbv # 31
60) o-Xylene	13.68	91	260784	0.702	ppbv 99
61) Styrene	13.52	104	121874	0.666	ppbv # 88
62) Isopropylbenzene	14.66	105	23551	0.045	ppbv # 48
63) 1,1,2,2-Tetrachloroethane	13.68	83	84245	0.290	ppbv # 32
69) p-Isopropyltoluene	17.64	119	28393	0.055	ppbv # 1
73) 1,3,5-Trimethylbenzene	15.99	105	25837	0.065	ppbv 98
74) 1,2,4-Trimethylbenzene	16.76	105	60140	0.144	ppbv # 68
79) Naphthalene	22.19	128	46273	0.180	ppbv # 81
81) 1,2,4-Trichlorobenzene	21.90	180	5241	0.032	ppbv # 11

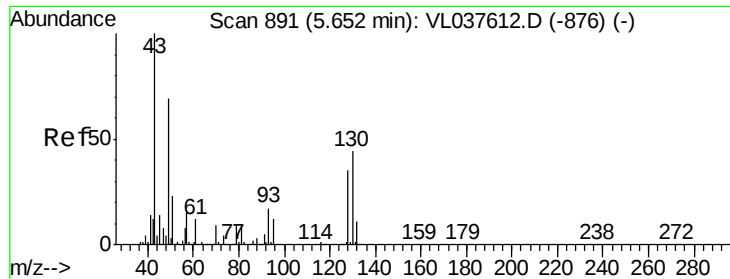
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
Data File : VL037725.D
Acq On : 29 Sep 2021 9:46
Operator : SY/AP
Sample : M3896-03
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENT

Quant Time: Sep 29 22:21:27 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: EFFLUENT

Acq: 29 Sep 2021 9:40

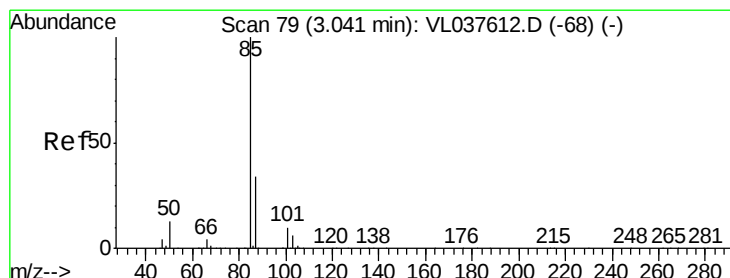
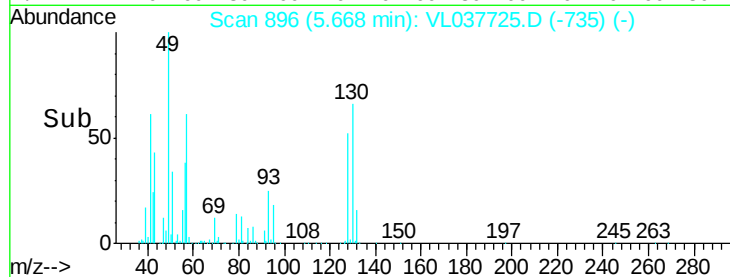
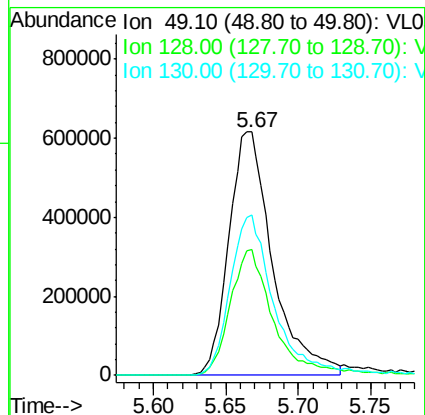
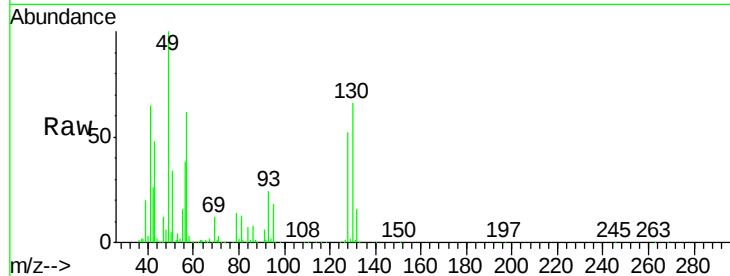
Tgt Ion: 49 Resp: 1285790

Ion Ratio Lower Upper

49 100

128 52.1 27.9 83.6

130 67.6 33.9 101.7



#2

Dichlorodifluoromethane

Concen: 0.079 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.01 min

Lab File: VL037725.D

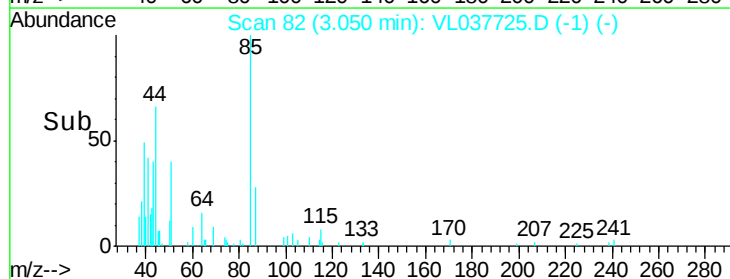
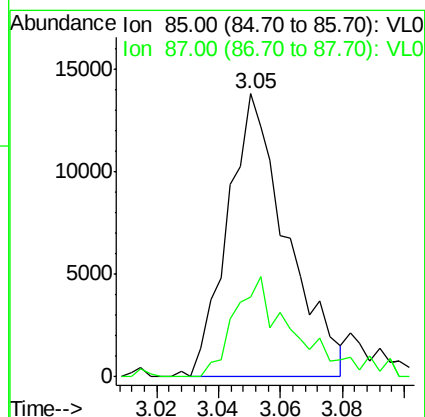
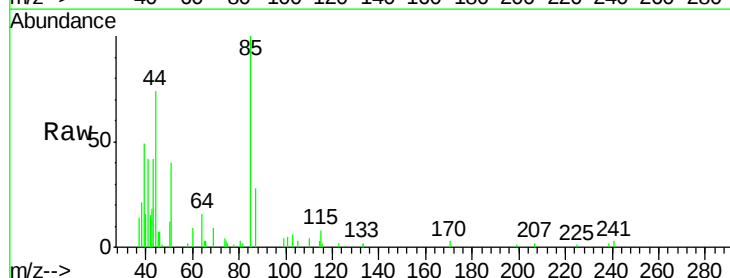
Acq: 29 Sep 2021 9:46

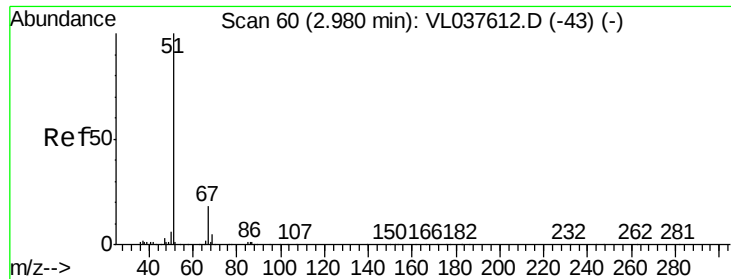
Tgt Ion: 85 Resp: 18288

Ion Ratio Lower Upper

85 100

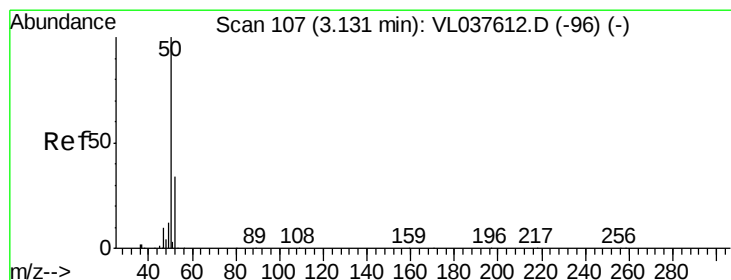
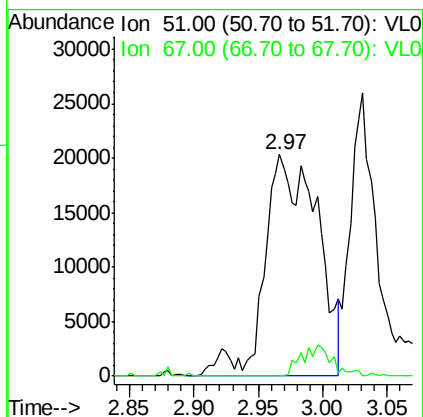
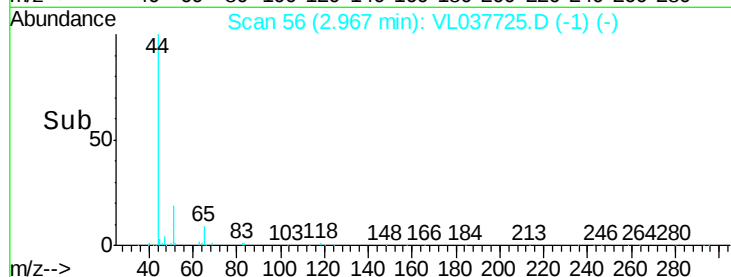
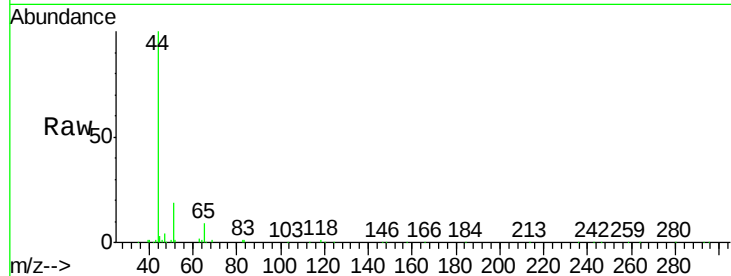
87 28.0 26.8 40.2





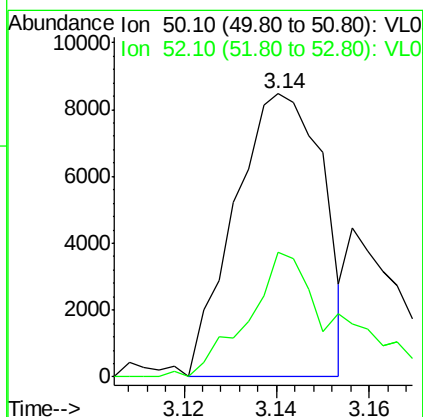
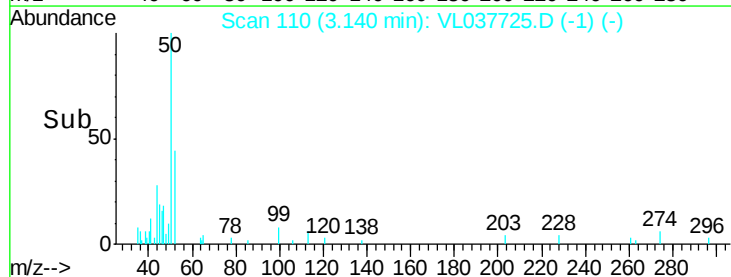
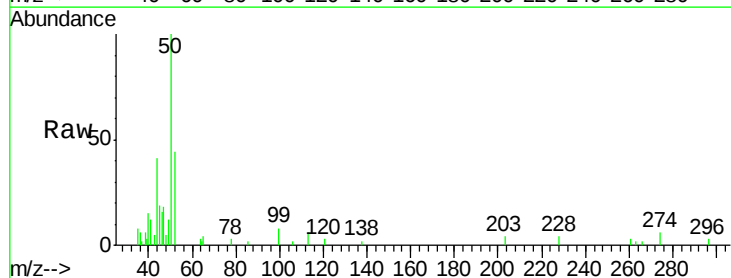
#3
Chlorodifluoromethane
Concen: 0.239 ppbv
RT: 2.97
Delta R.T. MSVOA.L
Lab File: ClientSampleId :
Acq: 29 Sep 2021 9:46

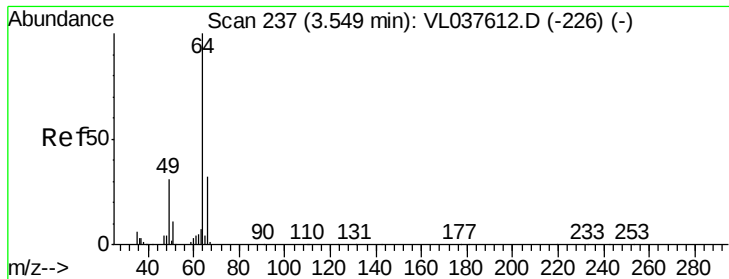
Tgt Ion: 51 Resp: 57970
Ion Ratio Lower Upper
51 100
67 8.3 14.0 21.0#



#4
Chloromethane
Concen: 0.125 ppbv
RT: 3.14 min Scan# 110
Delta R.T. 0.01 min
Lab File: VL037725.D
Acq: 29 Sep 2021 9:46

Tgt Ion: 50 Resp: 11166
Ion Ratio Lower Upper
50 100
52 43.9 27.1 40.7#





#7

Chloroethane

Concen: 0.037 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

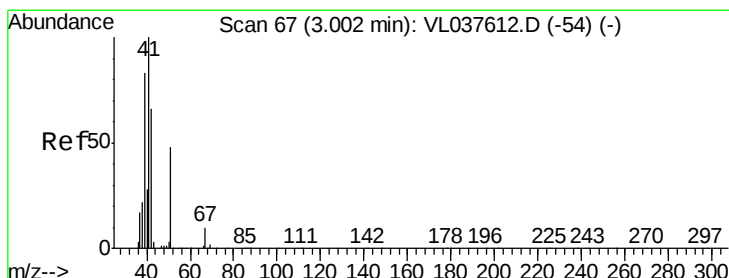
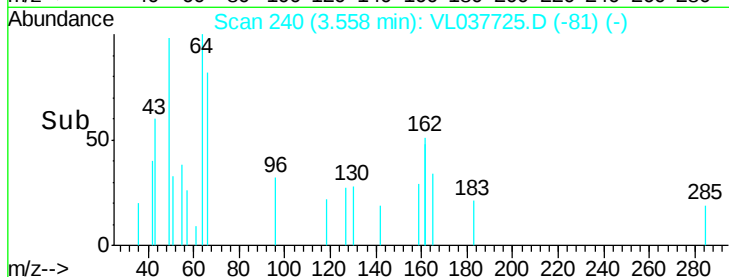
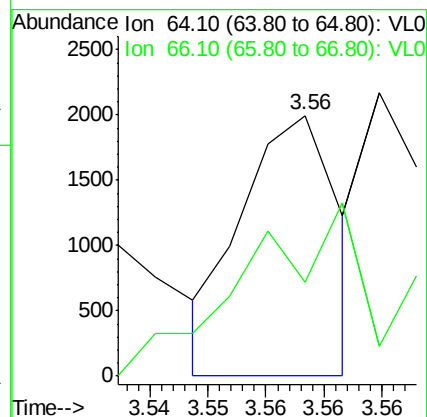
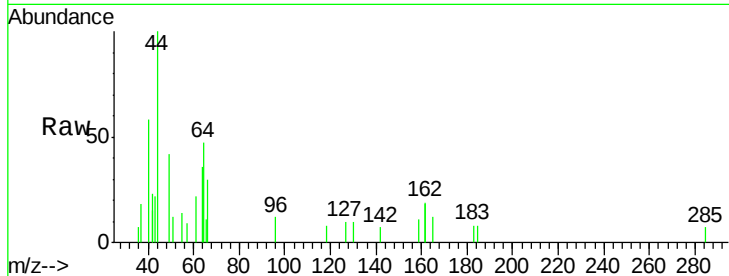
Acq: 29 Sep 2021 9:40 EFFLUENT

Tgt Ion: 64 Resp: 1158

Ion Ratio Lower Upper

64 100

66 35.9 25.3 37.9



#9

Propene

Concen: 0.725 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.02 min

Lab File: VL037725.D

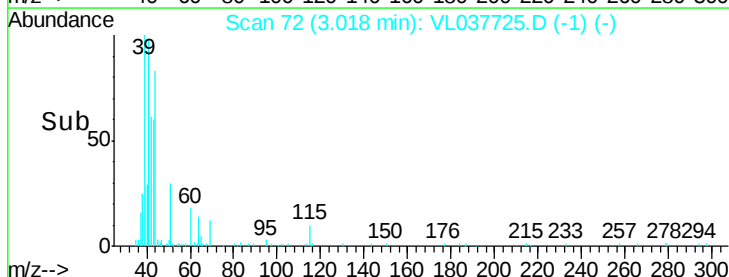
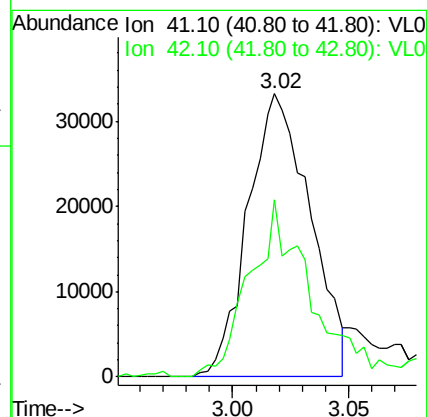
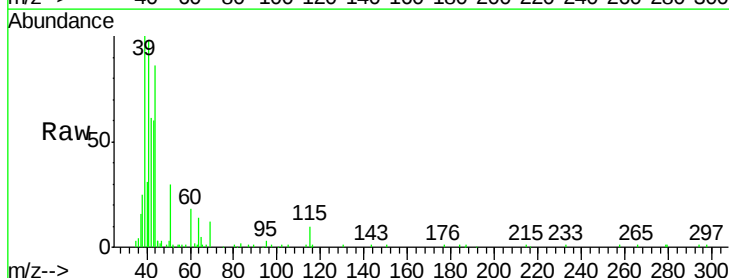
Acq: 29 Sep 2021 9:46

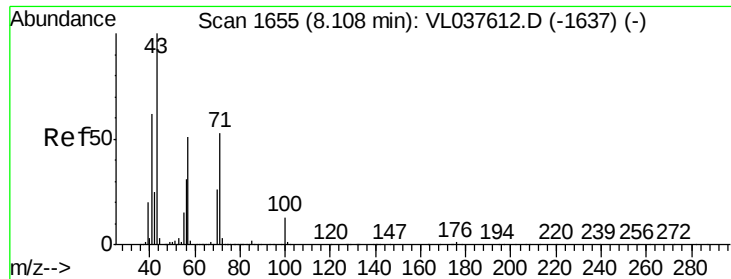
Tgt Ion: 41 Resp: 61983

Ion Ratio Lower Upper

41 100

42 60.8 57.2 85.8





#10

Heptane

Concen: 0.191 ppbv

RT: 8.12 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

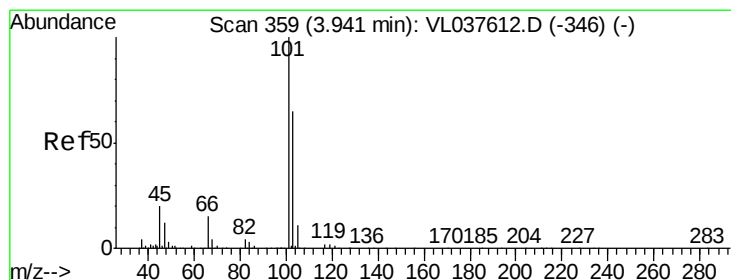
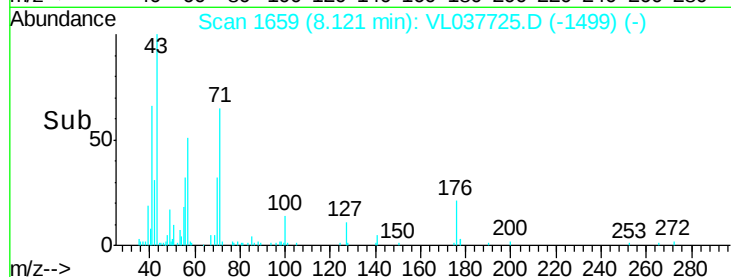
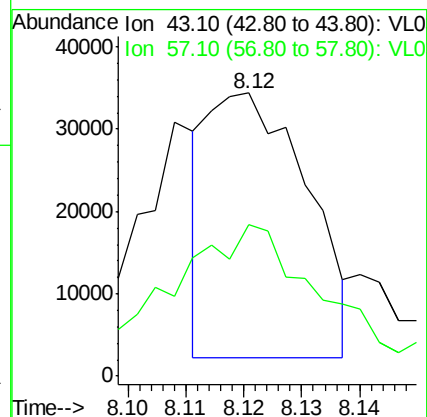
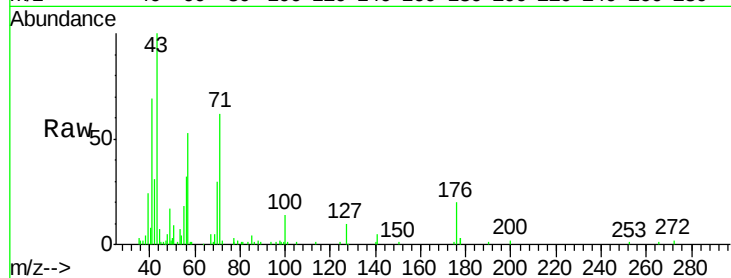
Acq: 29 Sep 2021 9:48 EFFLUENT

Tgt Ion: 43 Resp: 38108

Ion Ratio Lower Upper

43 100

57 101.0 40.1 60.1#



#11

Trichlorofluoromethane

Concen: 0.187 ppbv

RT: 3.95 min Scan# 362

Delta R.T. 0.01 min

Lab File: VL037725.D

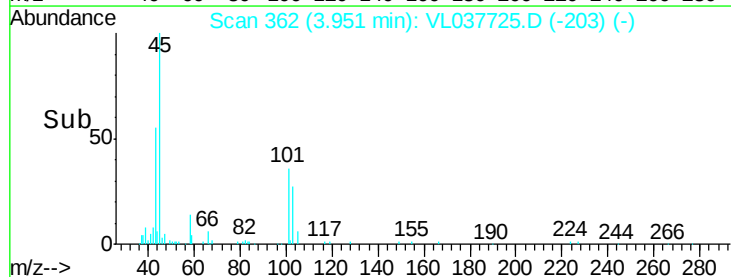
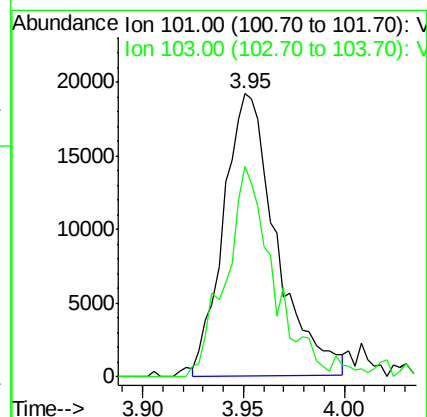
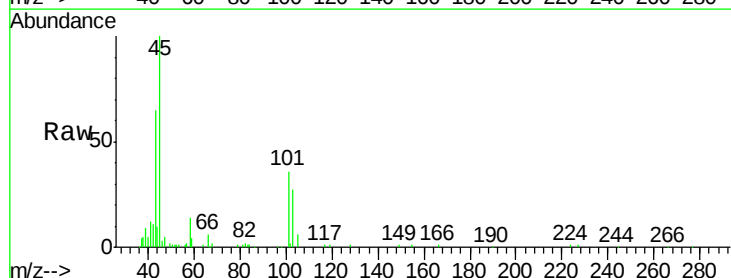
Acq: 29 Sep 2021 9:46

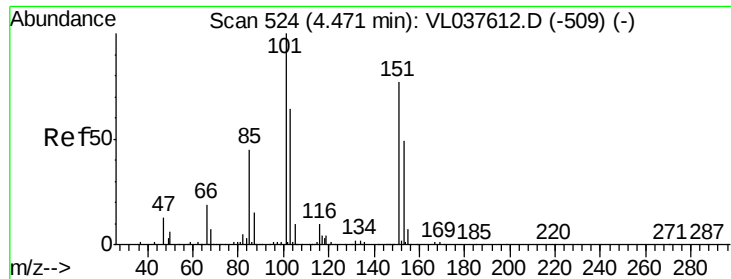
Tgt Ion: 101 Resp: 35004

Ion Ratio Lower Upper

101 100

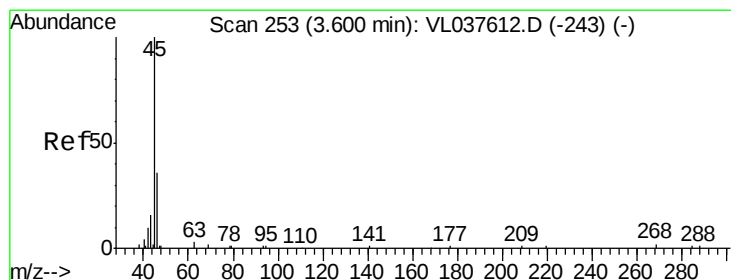
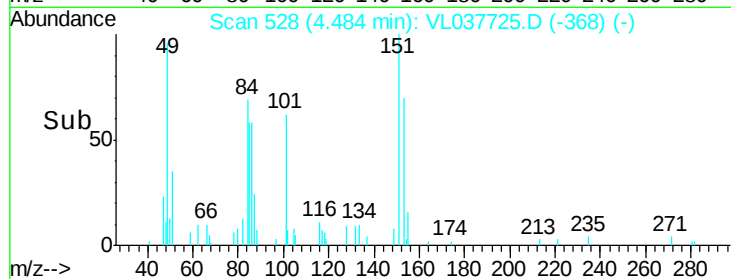
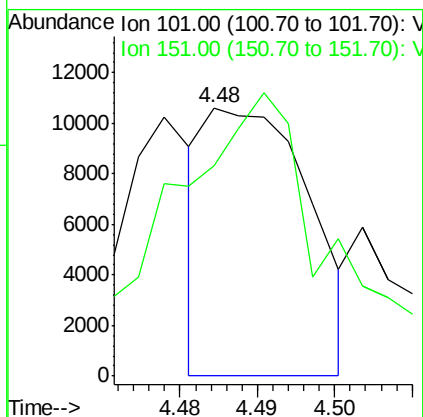
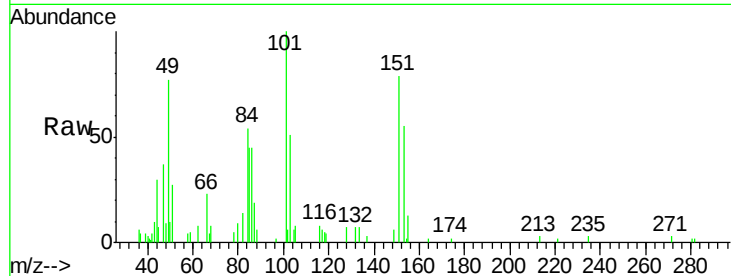
103 72.9 51.9 77.9





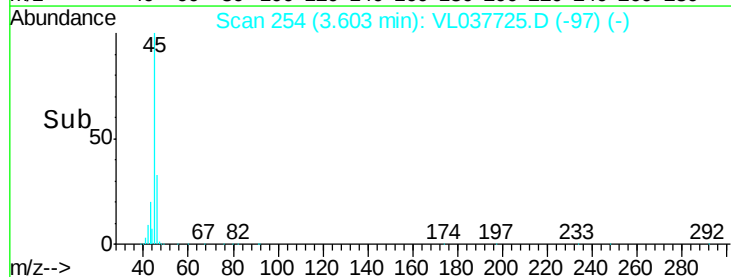
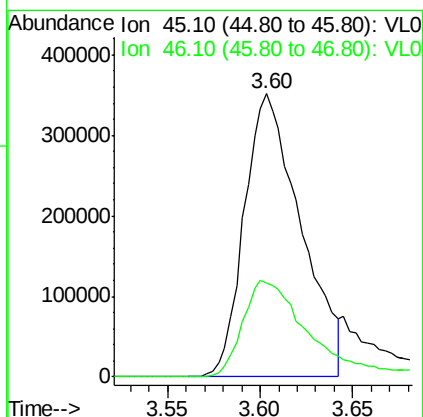
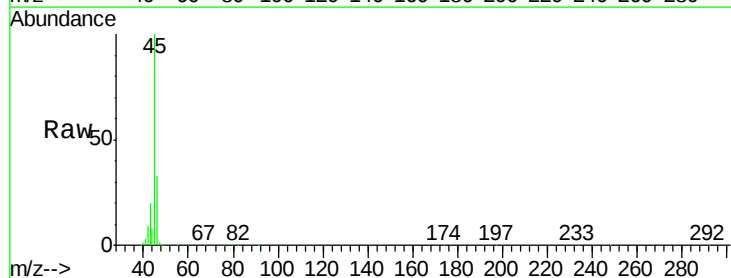
#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.072 ppbv
 RT: 4.48
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 29 Sep 2021 9:48

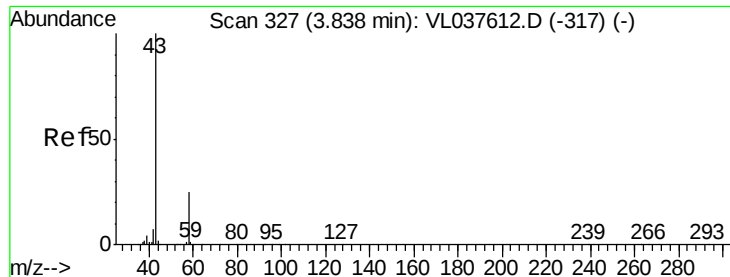
Tgt Ion: 101 Resp: 9927
 Ion Ratio Lower Upper
 101 100
 151 189.6 63.5 95.3#



#13
 Ethanol
 Concen: 88.991 ppbv
 RT: 3.60 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VL037725.D
 Acq: 29 Sep 2021 9:46

Tgt Ion: 45 Resp: 744674
 Ion Ratio Lower Upper
 45 100
 46 41.8 17.2 68.8





#15

Acetone

Concen: 17.379 ppbv

RT: 3.85 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

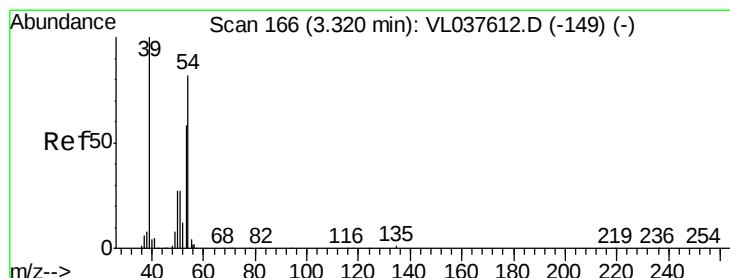
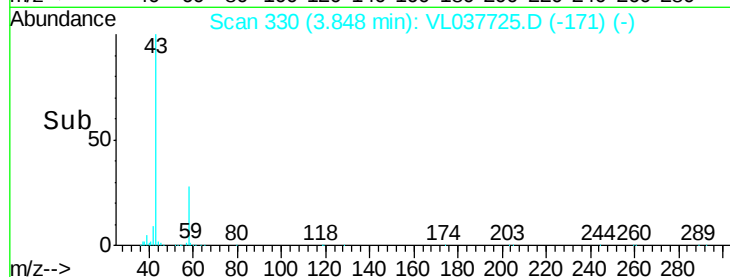
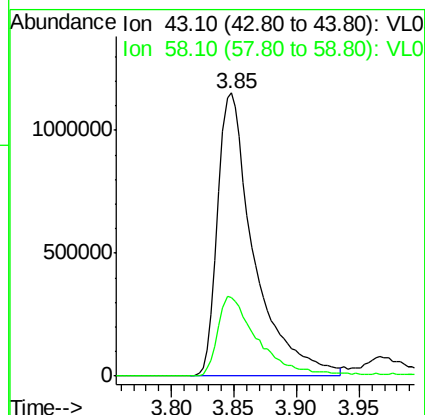
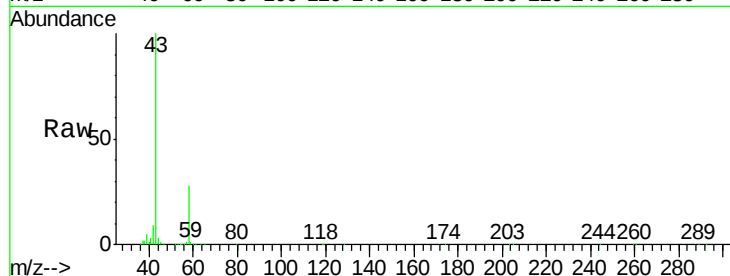
Acq: 29 Sep 2021 9:40

Tgt Ion: 43 Resp: 2321719

Ion Ratio Lower Upper

43 100

58 32.6 24.9 37.3



#16

1,3-Butadiene

Concen: 0.364 ppbv

RT: 3.32 min Scan# 165

Delta R.T. -0.00 min

Lab File: VL037725.D

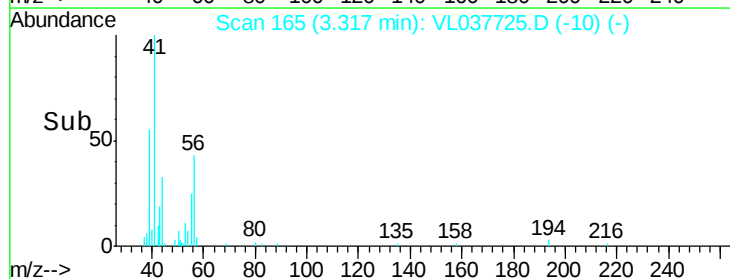
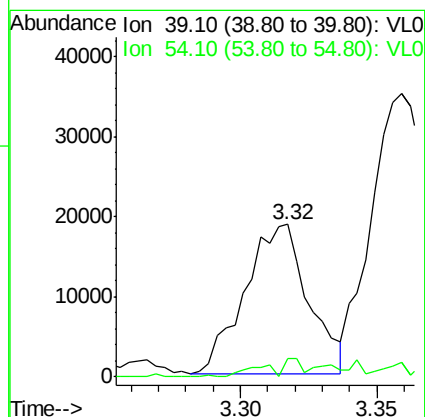
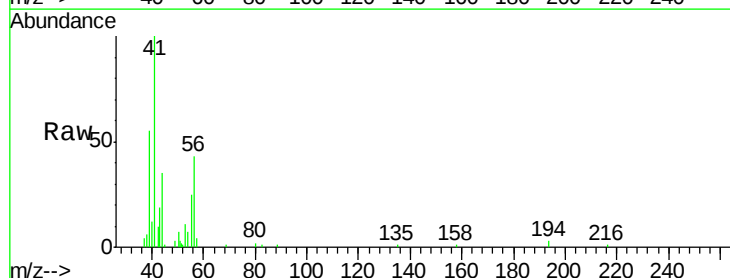
Acq: 29 Sep 2021 9:46

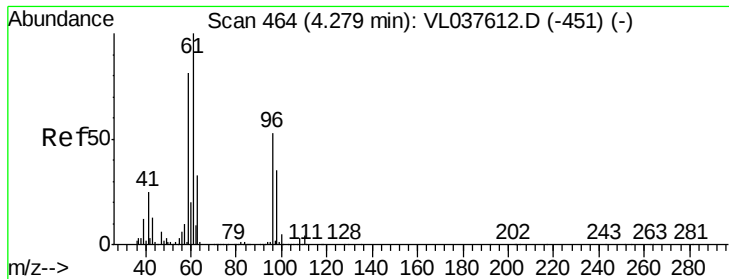
Tgt Ion: 39 Resp: 30391

Ion Ratio Lower Upper

39 100

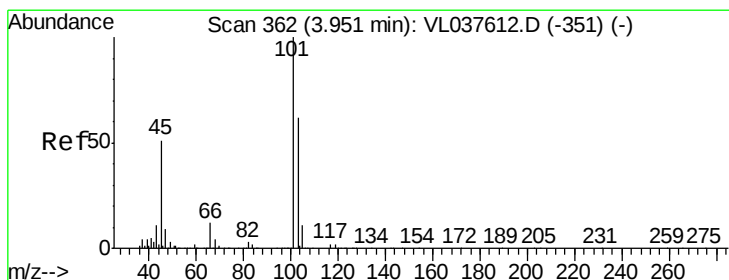
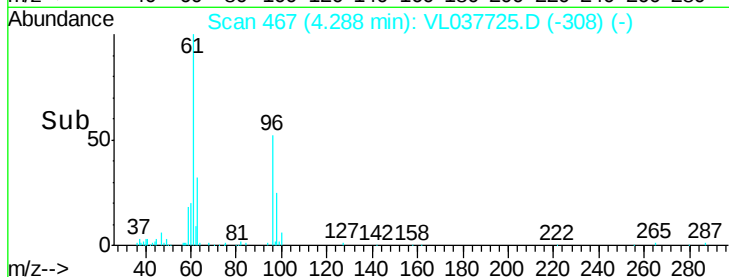
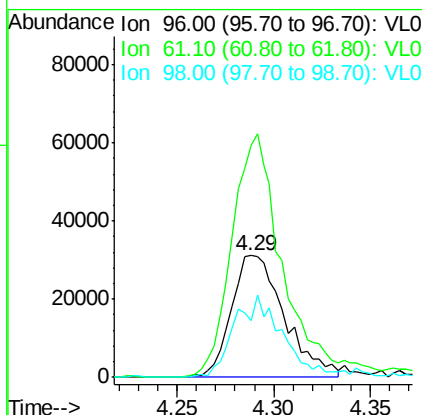
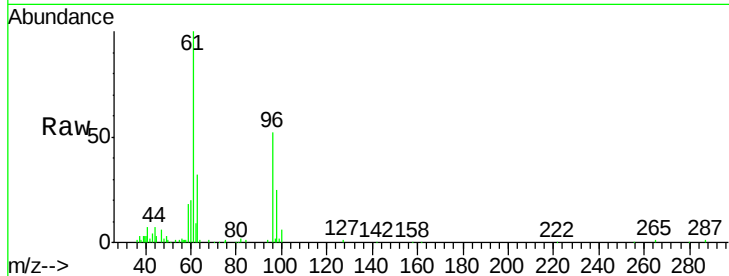
54 12.4 62.6 93.8#





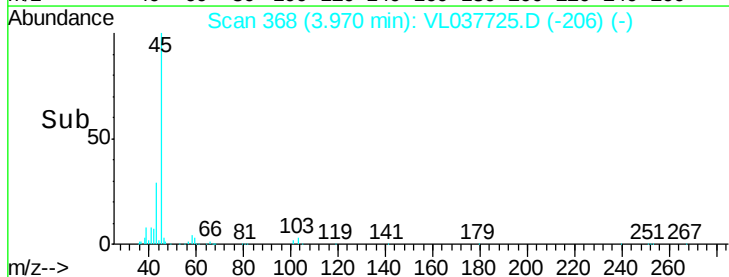
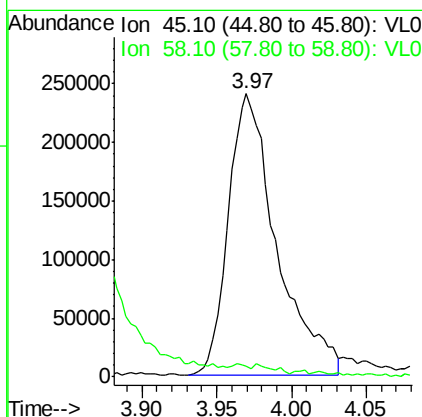
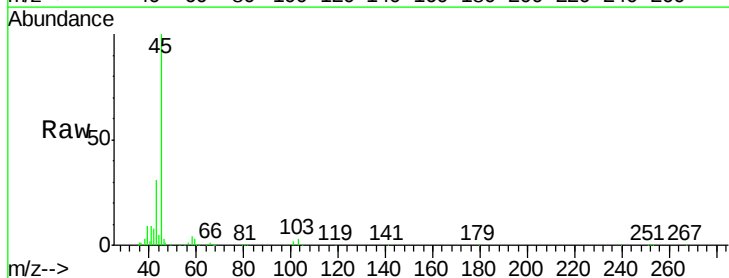
#18
 1,1-Dichloroethene
 Concen: 0.925 ppbv
 RT: 4.29
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId : EFFLUENT
 Acq: 29 Sep 2021 9:48

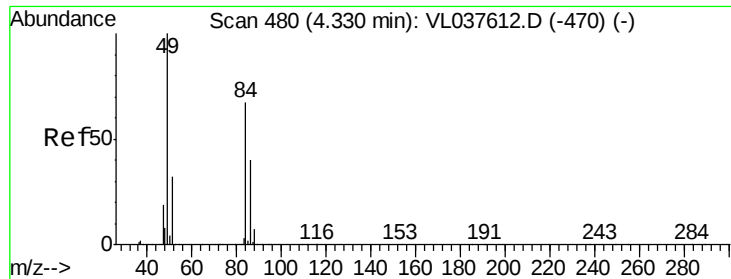
Tgt Ion: 96 Resp: 59390
 Ion Ratio Lower Upper
 96 100
 61 189.8 150.4 225.6
 98 46.2 52.1 78.1#



#19
 Isopropyl Alcohol
 Concen: 7.429 ppbv
 RT: 3.97 min Scan# 368
 Delta R.T.: 0.02 min
 Lab File: VL037725.D
 Acq: 29 Sep 2021 9:46

Tgt Ion: 45 Resp: 539978
 Ion Ratio Lower Upper
 45 100
 58 140.0 2.9 4.3#

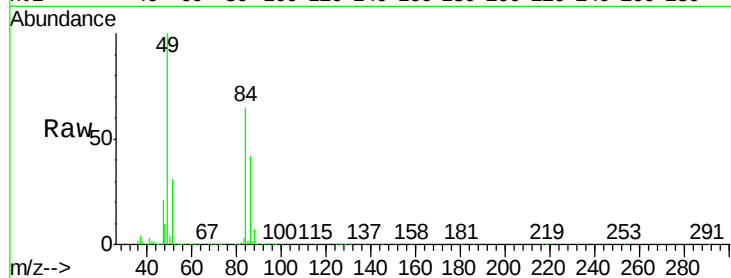




#20
Methylene Chloride
Concen: 27.625 ppbv
RT: 4.35
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
EFFLUENT
Acq: 29 Sep 2021 9:40

Tgt Ion: 84 Resp: 1761883

Ion	Ratio	Lower	Upper
84	100		
49	153.7	120.0	180.0
51	47.1	38.0	57.0
86	64.6	48.2	72.2



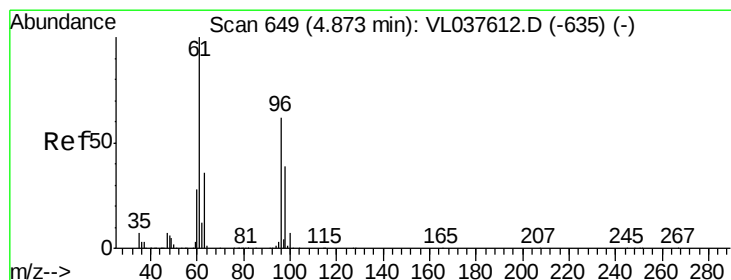
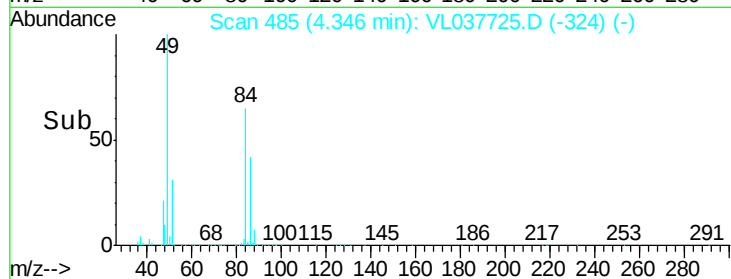
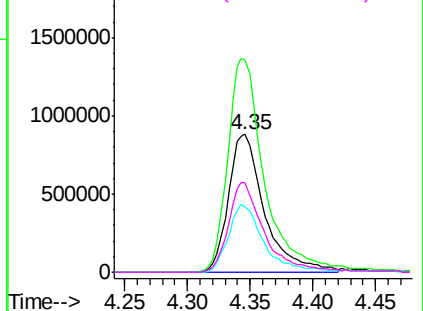
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

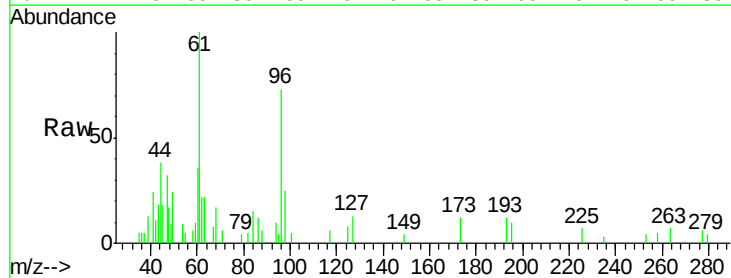
Ion 86.00 (85.70 to 86.70): VL0



#22
trans-1,2-Dichloroethene
Concen: 0.055 ppbv
RT: 4.88 min Scan# 652
Delta R.T. 0.01 min
Lab File: VL037725.D
Acq: 29 Sep 2021 9:46

Tgt Ion: 96 Resp: 3525

Ion	Ratio	Lower	Upper
96	100		
61	132.2	129.2	193.8
98	18.6	50.4	75.6#

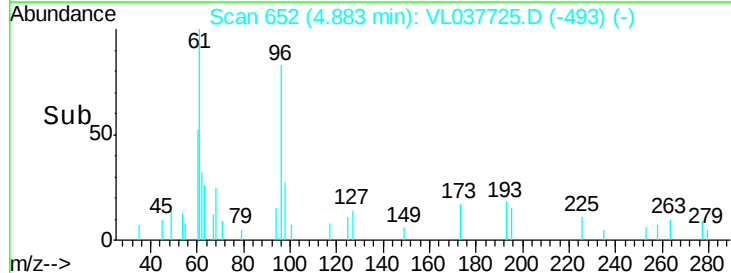
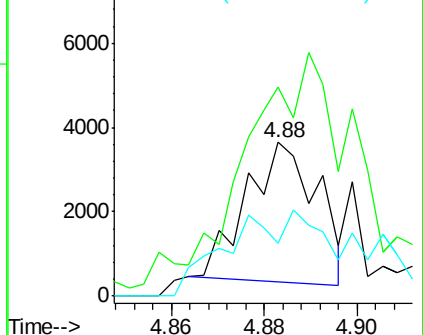


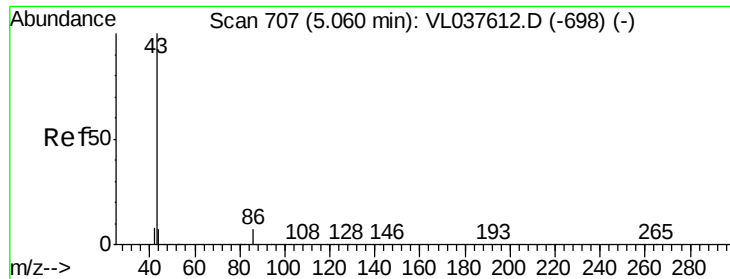
Abundance

Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#23

Vinyl Acetate

Concen: 0.108 ppbv

RT: 5.07

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Sep 2021 9:48

Tgt Ion: 43 Resp: 20013

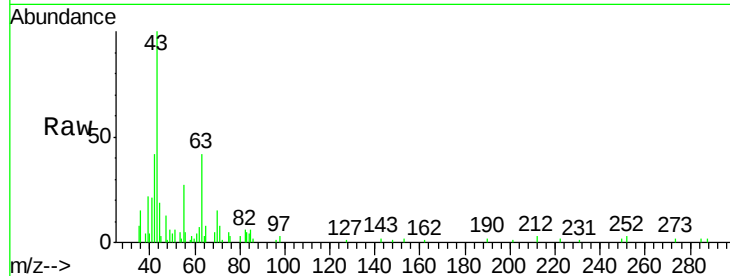
Ion Ratio Lower Upper

43 100

86 0.0 5.0 7.6#

42 38.0 7.5 11.3#

44 0.0 4.7 7.1#

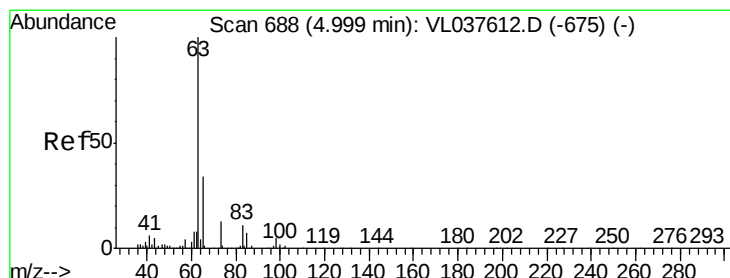
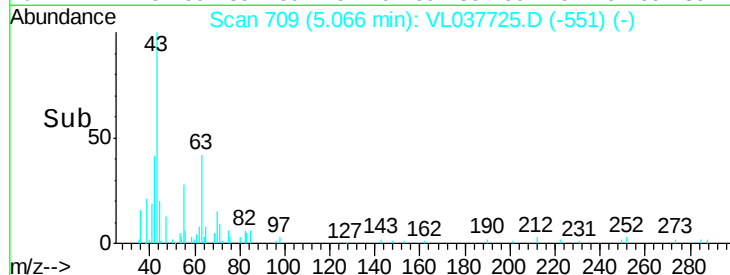
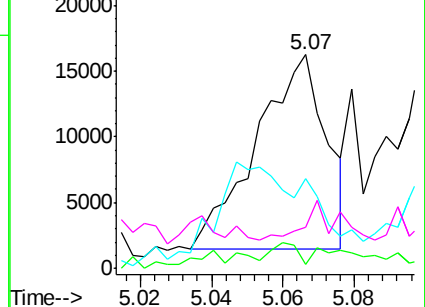


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 2.361 ppbv

RT: 5.01 min Scan# 692

Delta R.T. 0.01 min

Lab File: VL037725.D

Acq: 29 Sep 2021 9:46

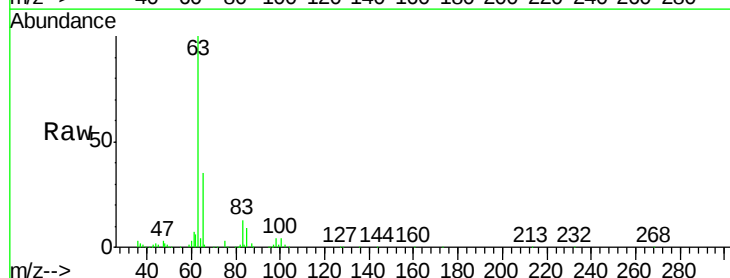
Tgt Ion: 63 Resp: 312679

Ion Ratio Lower Upper

63 100

98 3.7 2.4 7.2

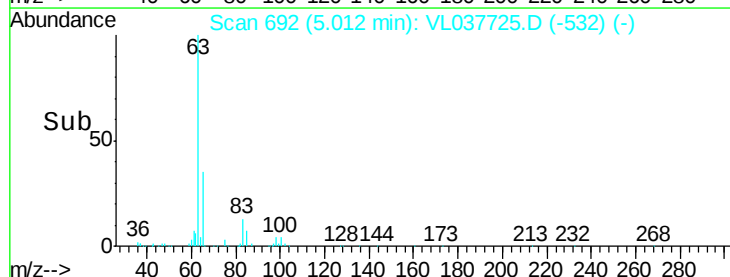
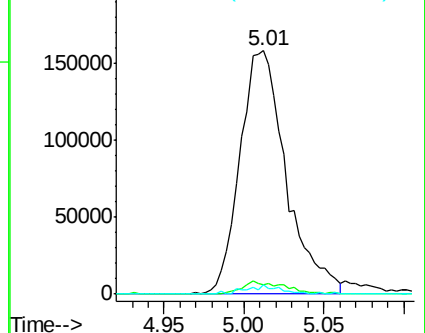
100 3.9 1.1 3.5#

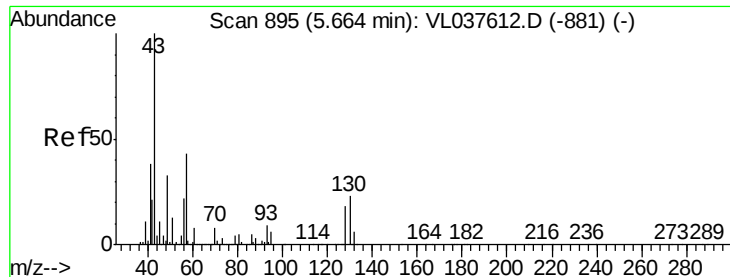


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

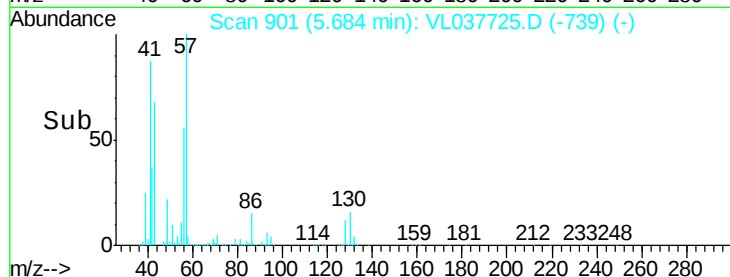
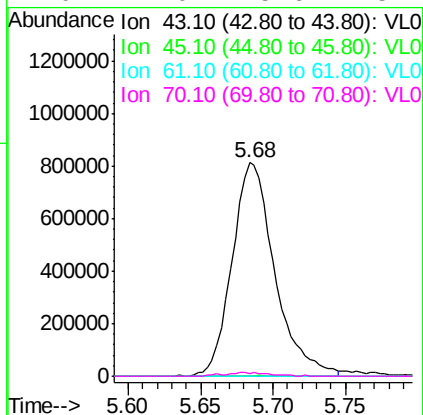
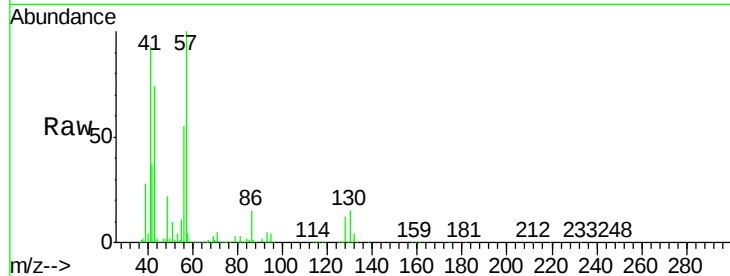




#25
Ethyl Acetate
Concen: 5.117 ppbv
RT: 5.68
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 29 Sep 2021 9:40

Tgt Ion: 43 Resp: 1655590

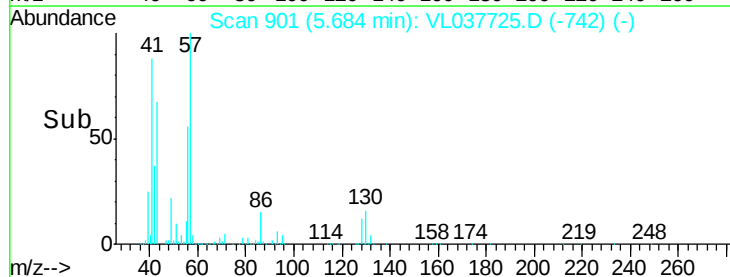
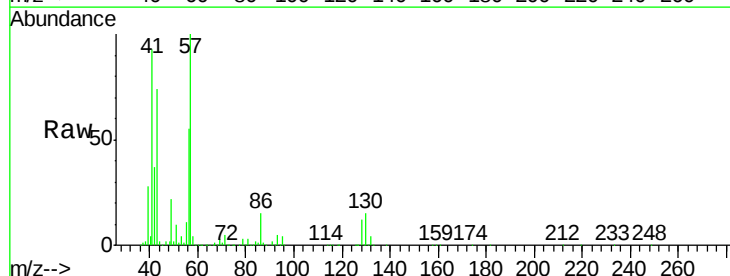
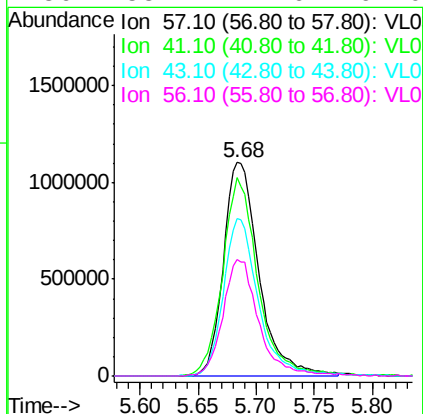
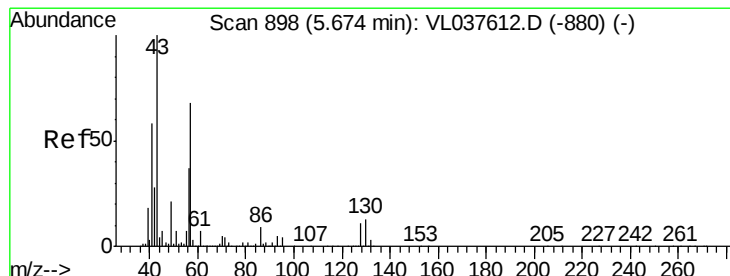
Ion	Ratio	Lower	Upper
43	100		
45	0.4	8.0	12.0#
61	0.3	7.5	11.3#
70	2.0	5.6	8.4#

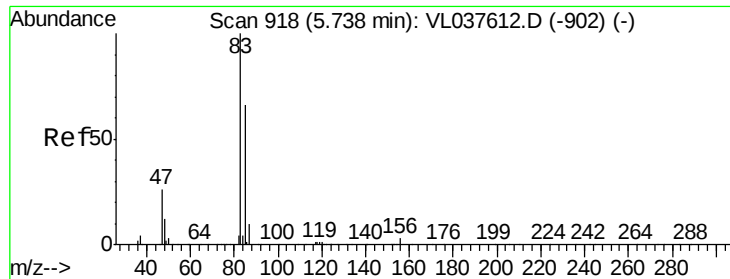


#26
Hexane
Concen: 15.246 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL037725.D
Acq: 29 Sep 2021 9:46

Tgt Ion: 57 Resp: 2343310

Ion	Ratio	Lower	Upper
57	100		
41	93.6	70.9	106.3
43	72.5	170.4	255.6#
56	55.4	42.6	64.0





#29

Chloroform

Concen: 0.087 ppbv

RT: 5.75 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: EFFLUENT

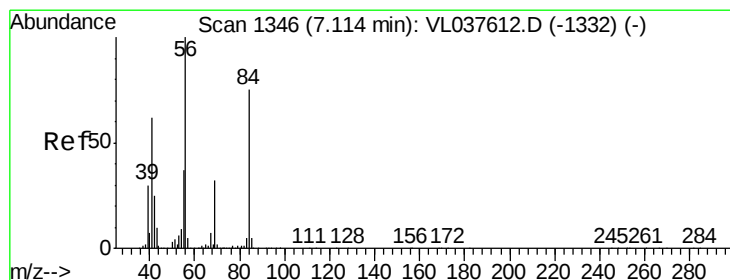
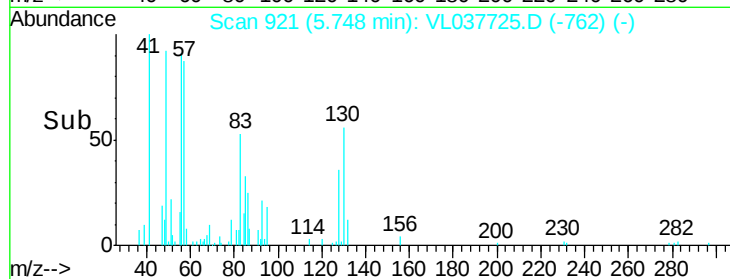
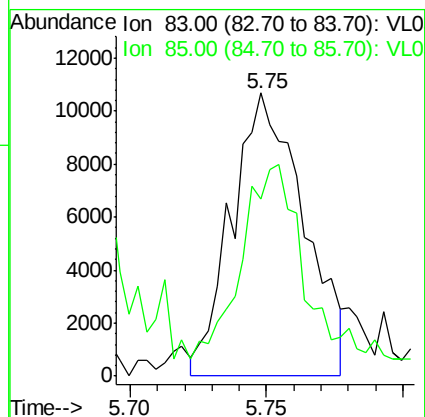
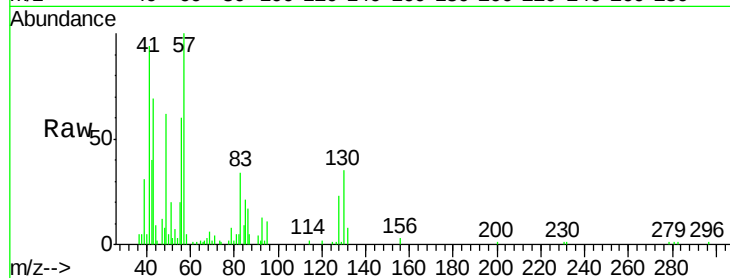
Acq: 29 Sep 2021 9:48

Tgt Ion: 83 Resp: 19572

Ion Ratio Lower Upper

83 100

85 60.4 52.6 79.0



#30

Cyclohexane

Concen: 0.040 ppbv

RT: 7.13 min Scan# 1352

Delta R.T. 0.02 min

Lab File: VL037725.D

Acq: 29 Sep 2021 9:46

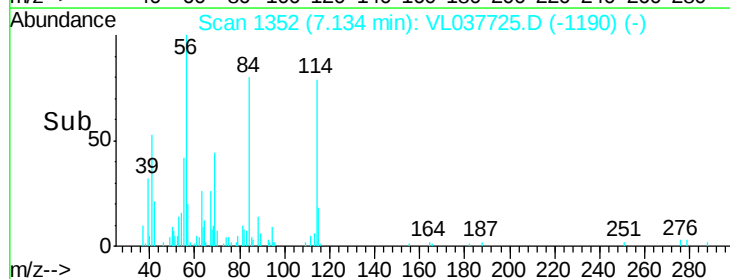
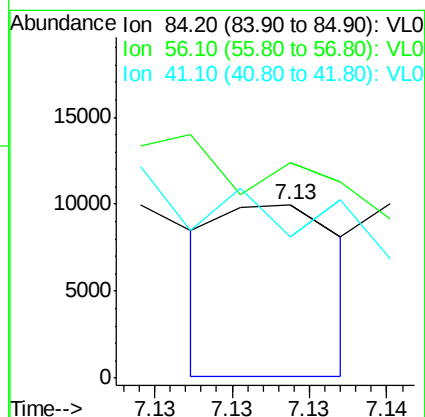
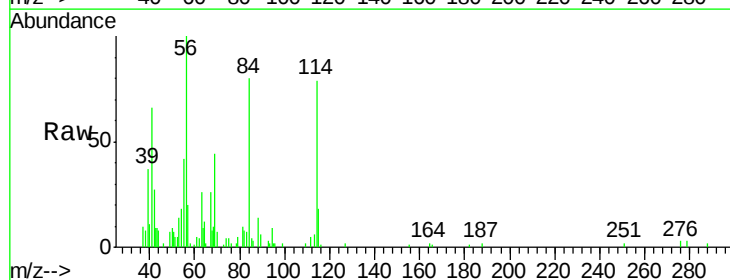
Tgt Ion: 84 Resp: 5296

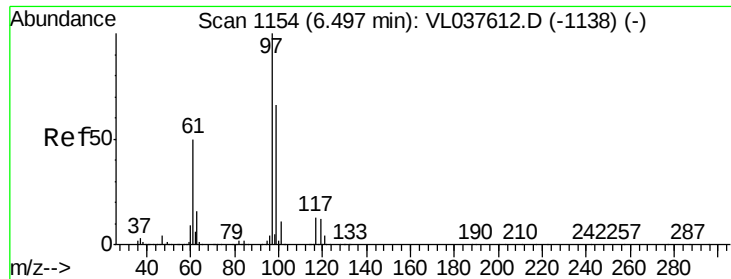
Ion Ratio Lower Upper

84 100

56 0.0 113.6 170.4#

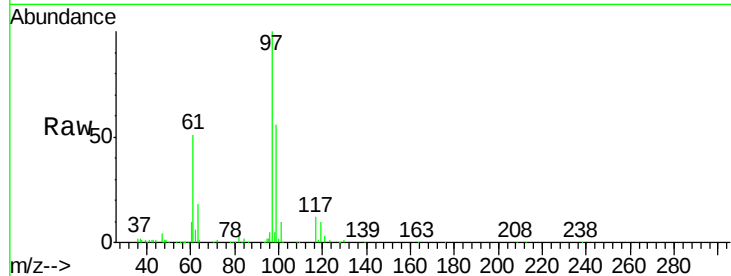
41 0.0 67.9 101.9#



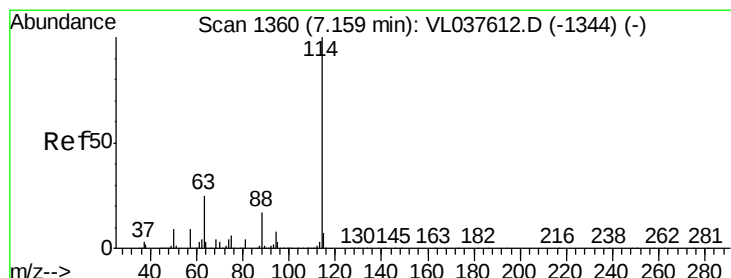
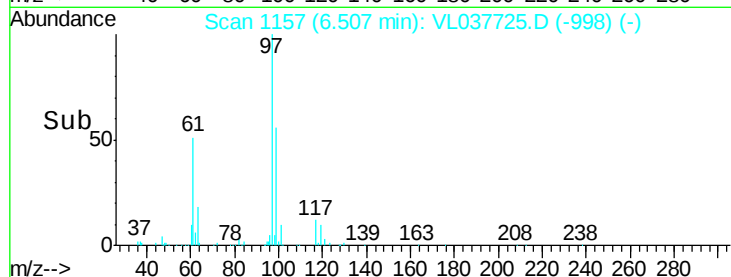
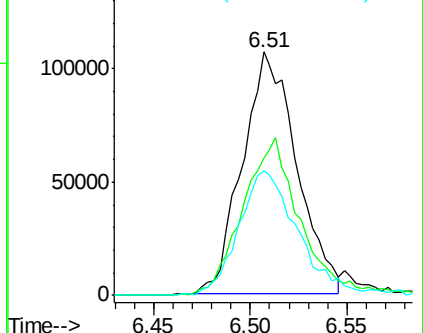


#32
 1,1,1-Trichloroethane
 Concen: 0.999 ppbv
 RT: 6.51
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 EFFLUENT
 Acq: 29 Sep 2021 9:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	70.0	52.3	78.5
61	57.4	39.5	59.3

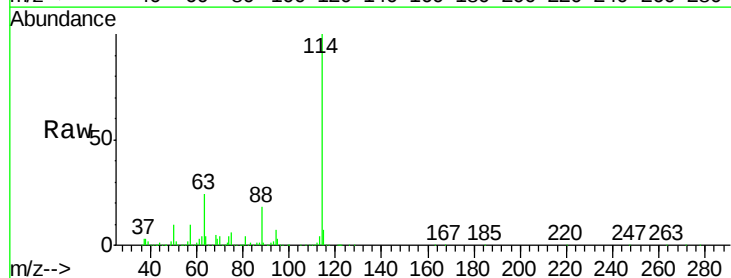


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0
 Ion 61.10 (60.80 to 61.80): VL0

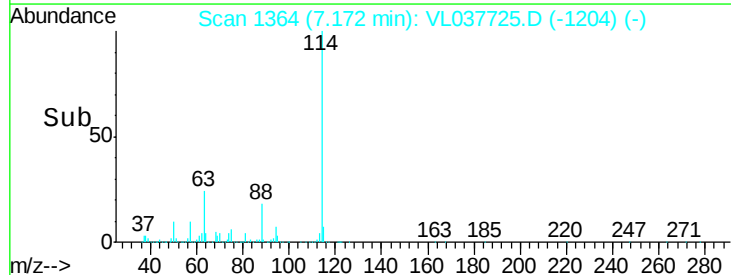
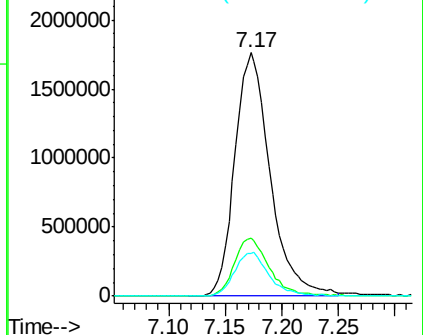


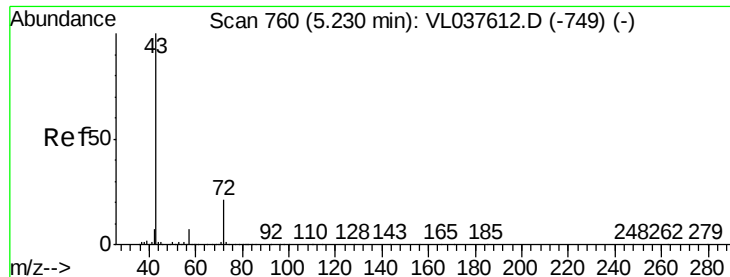
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VL037725.D
 Acq: 29 Sep 2021 9:46

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.6	29.4
88	18.0	14.2	21.4



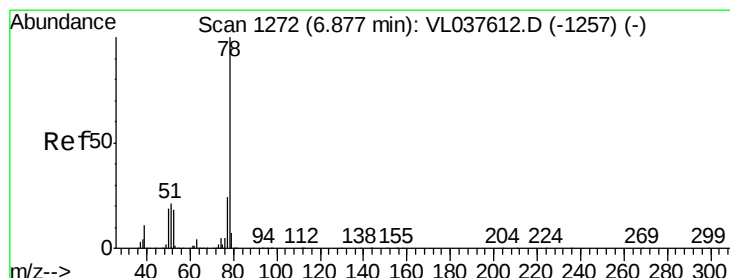
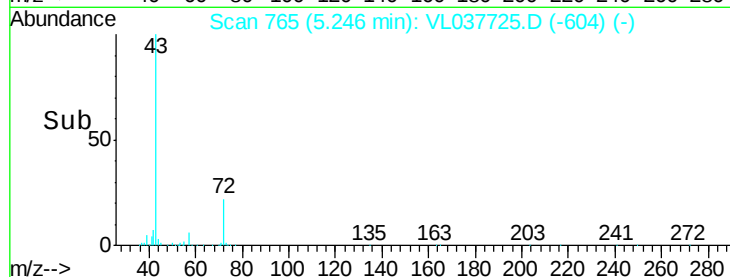
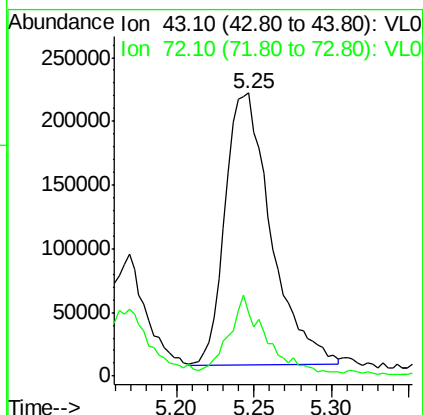
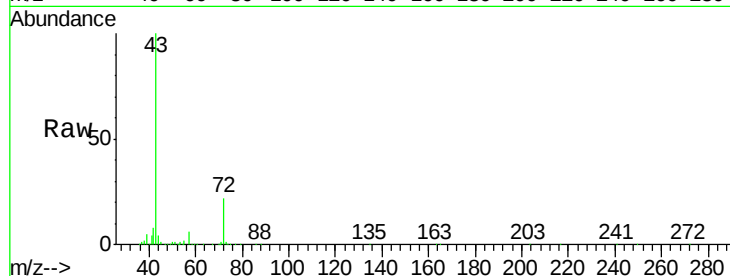
Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0





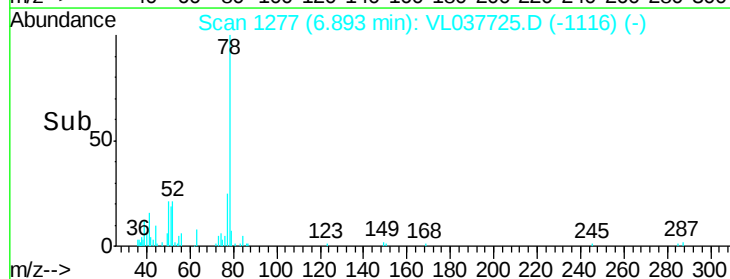
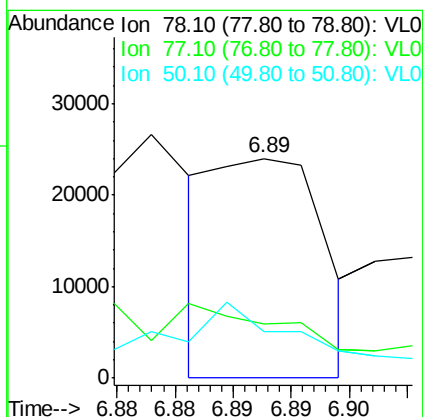
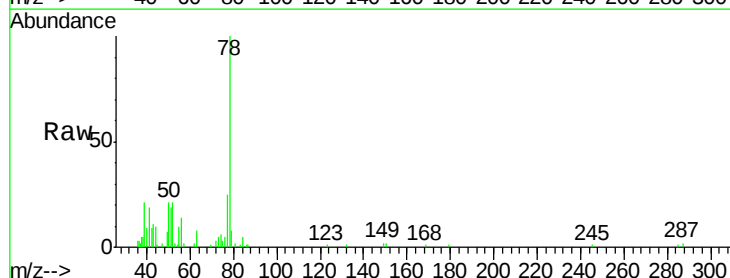
#34
 2-Butanone
 Concen: 2.805 ppbv
 RT: 5.25
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 29 Sep 2021 9:46

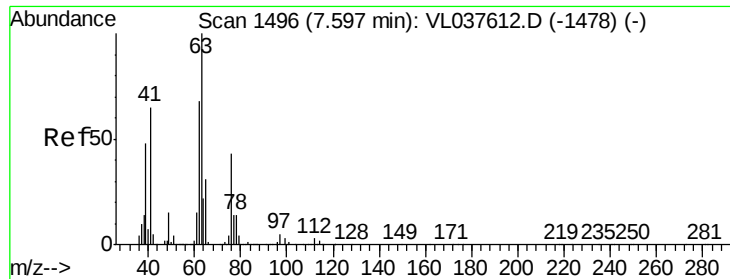
Tgt Ion: 43 Resp: 439137
 Ion Ratio Lower Upper
 43 100
 72 26.7 18.4 27.6



#36
 Benzene
 Concen: 0.049 ppbv
 RT: 6.89 min Scan# 1277
 Delta R.T. 0.02 min
 Lab File: VL037725.D
 Acq: 29 Sep 2021 9:46

Tgt Ion: 78 Resp: 15642
 Ion Ratio Lower Upper
 78 100
 77 21.7 19.0 28.4
 50 16.6 14.8 22.2





#39

1,2-Dichloropropane

Concen: 7.370 ppbv

RT: 7.17 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 29 Sep 2021 9:40

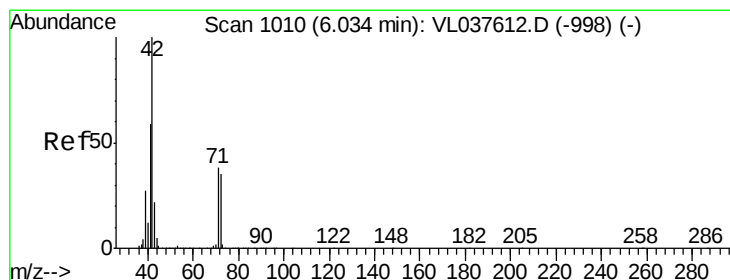
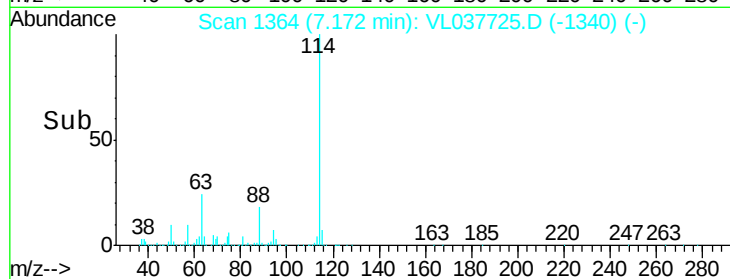
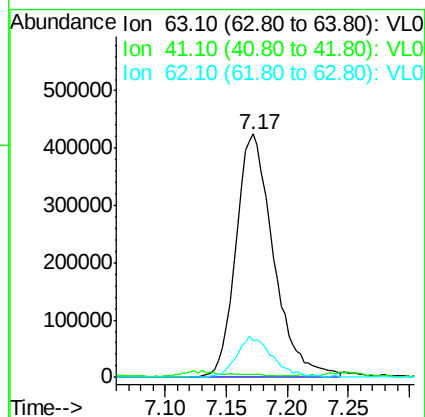
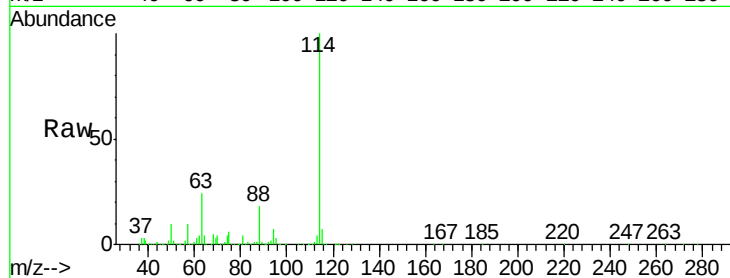
Tgt Ion: 63 Resp: 906976

Ion Ratio Lower Upper

63 100

41 0.0 51.6 77.4#

62 14.9 54.6 81.8#



#41

Tetrahydrofuran

Concen: 0.598 ppbv

RT: 6.05 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VL037725.D

Acq: 29 Sep 2021 9:46

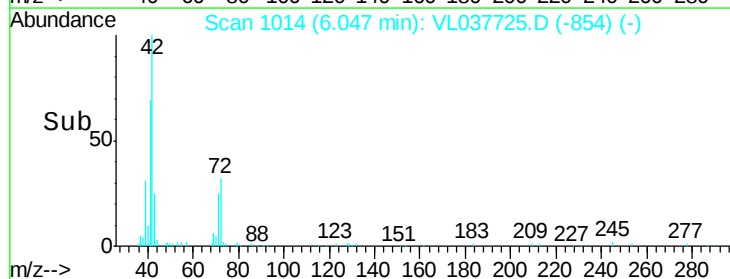
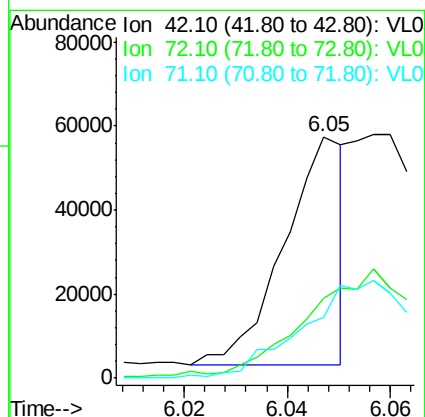
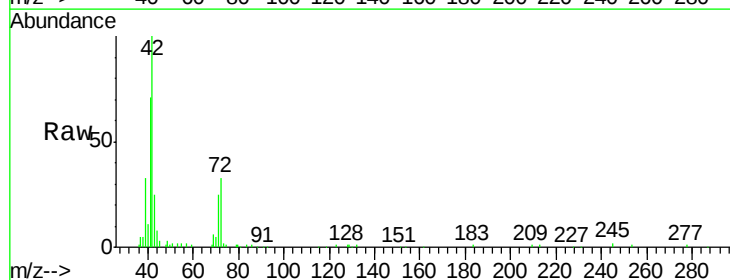
Tgt Ion: 42 Resp: 44040

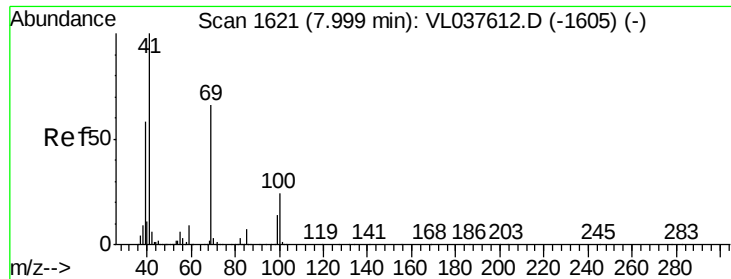
Ion Ratio Lower Upper

42 100

72 0.0 31.4 47.2#

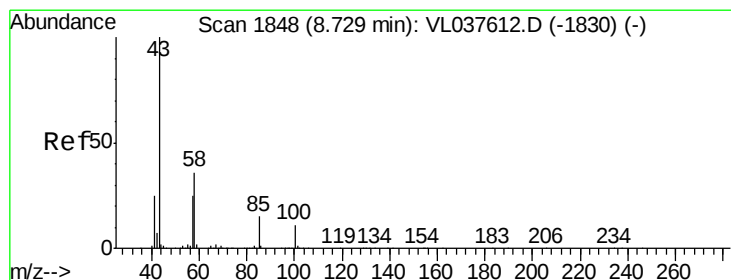
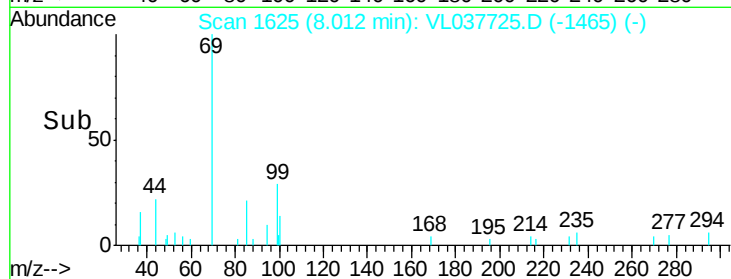
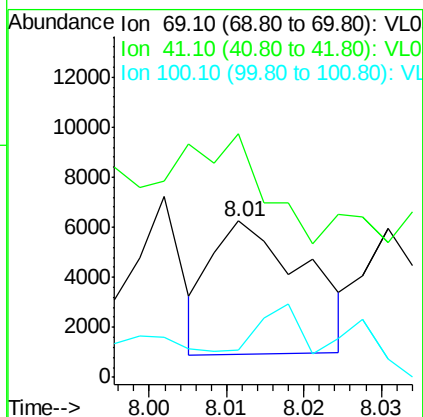
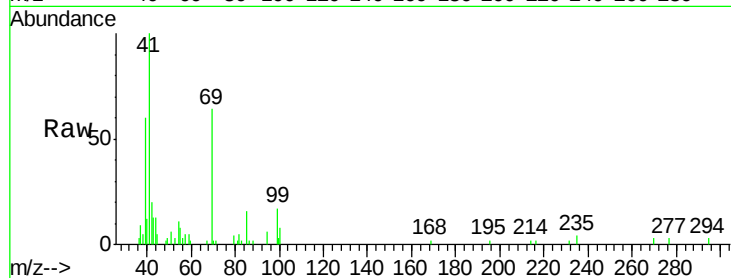
71 0.0 30.6 46.0#





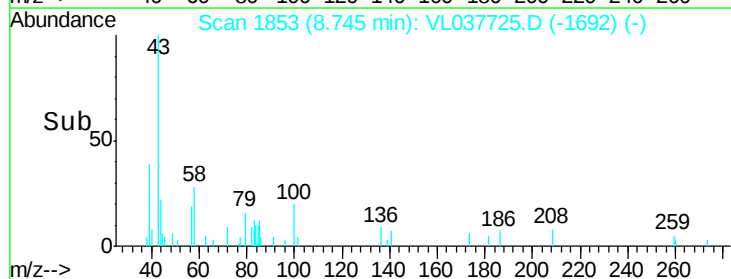
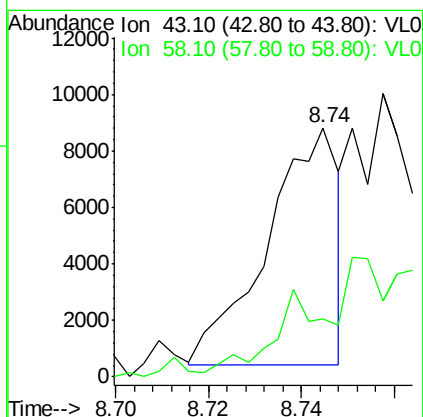
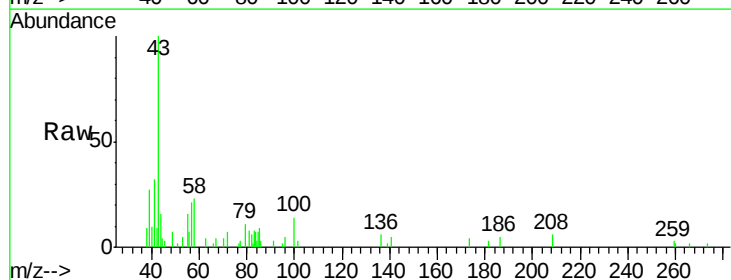
#43
Methyl Methacrylate
Concen: 0.042 ppbv
RT: 8.01
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 29 Sep 2021 9:48

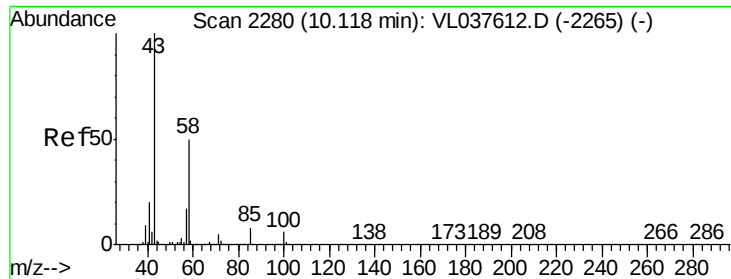
Tgt Ion: 69 Resp: 4480
Ion Ratio Lower Upper
69 100
41 508.1 119.0 178.4#
100 100.4 27.6 41.4#



#50
4-Methyl-2-Pentanone
Concen: 0.045 ppbv
RT: 8.74 min Scan# 1853
Delta R.T. 0.02 min
Lab File: VL037725.D
Acq: 29 Sep 2021 9:46

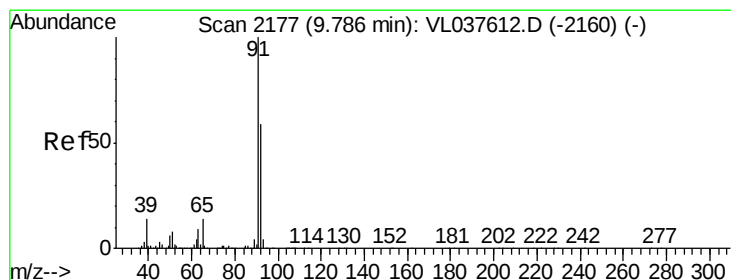
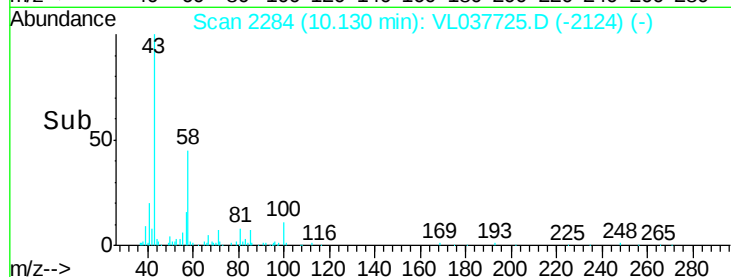
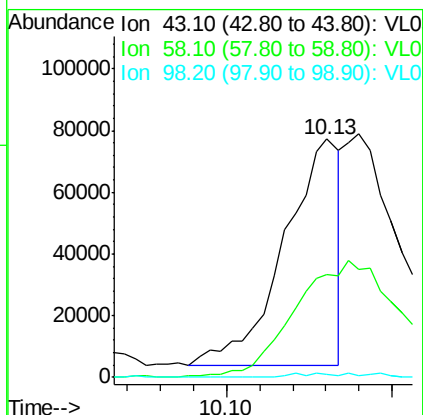
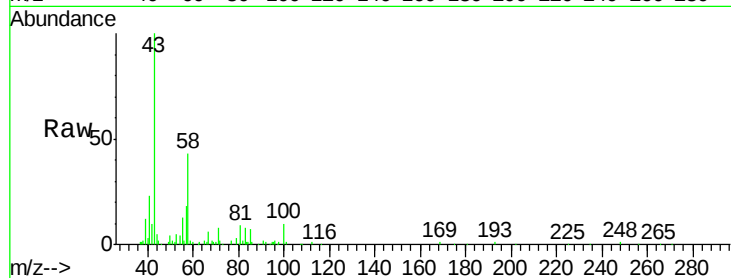
Tgt Ion: 43 Resp: 9025
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.2#





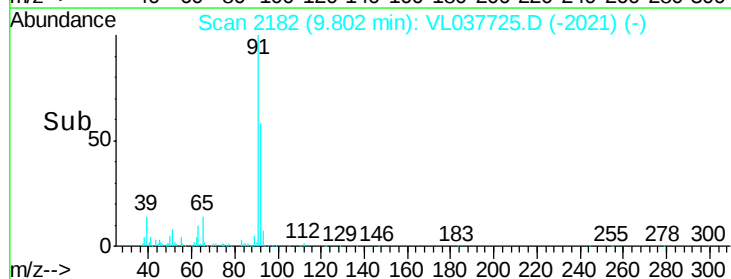
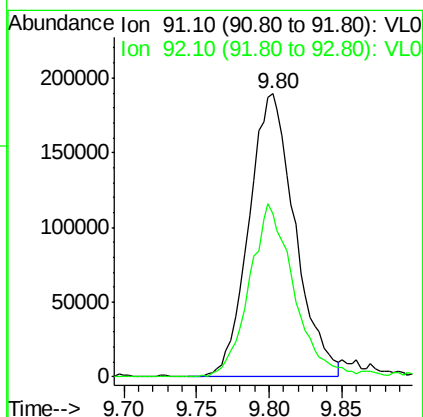
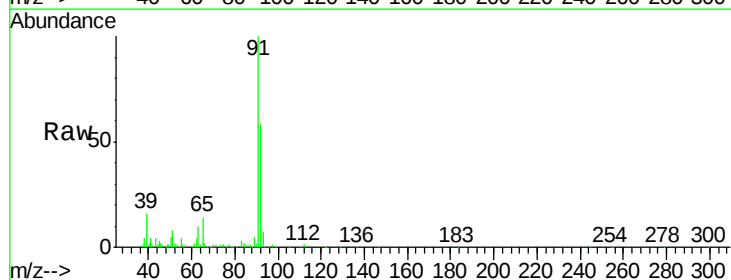
#51
2-Hexanone
Concen: 0.982 ppbv
RT: 10.13
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 29 Sep 2021 9:40

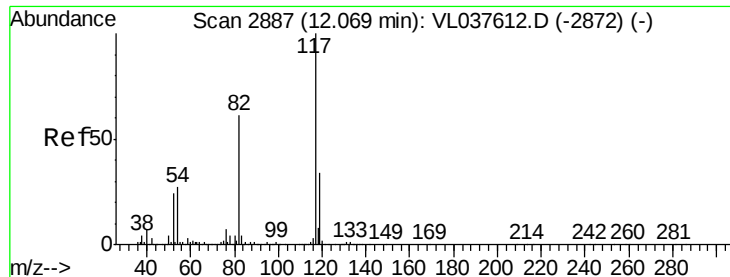
Tgt Ion: 43 Resp: 86078
Ion Ratio Lower Upper
43 100
58 0.0 39.3 58.9#
98 2.5 0.4 0.6#



#53
Toluene
Concen: 1.172 ppbv
RT: 9.80 min Scan# 2182
Delta R.T. 0.02 min
Lab File: VL037725.D
Acq: 29 Sep 2021 9:46

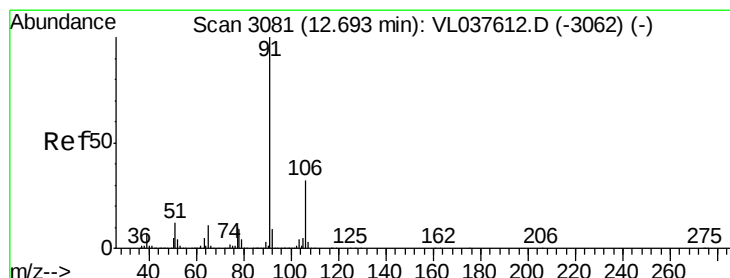
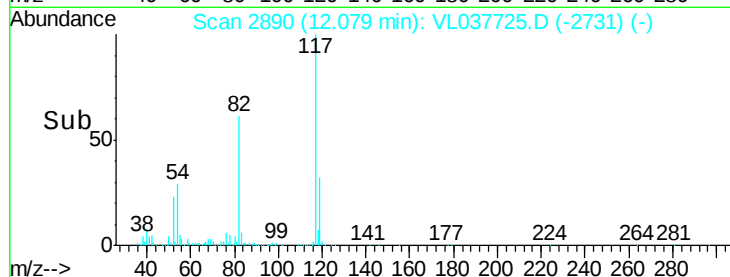
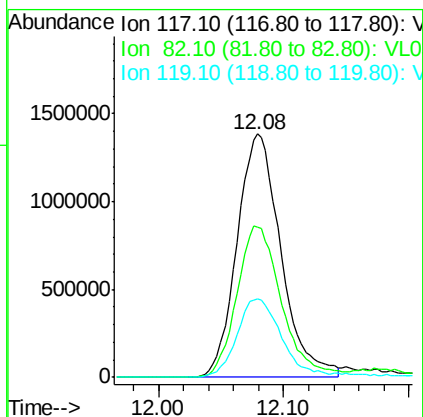
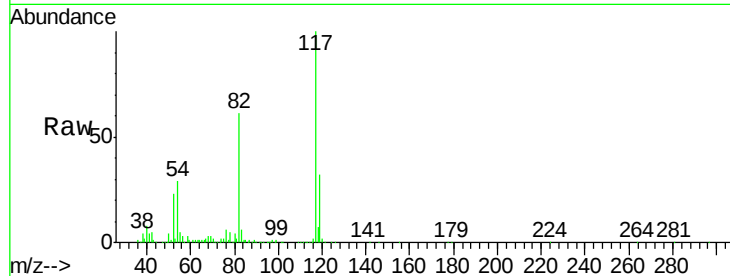
Tgt Ion: 91 Resp: 418652
Ion Ratio Lower Upper
91 100
92 60.3 48.9 73.3





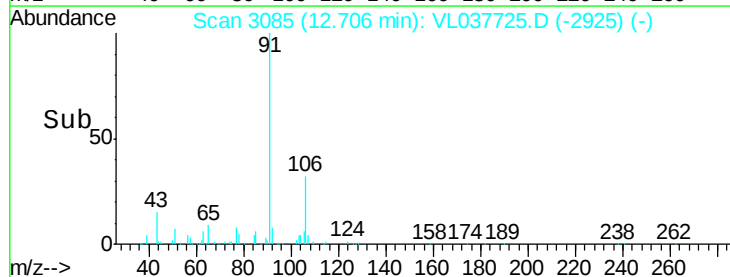
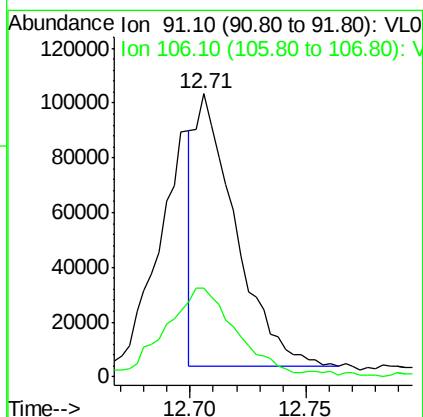
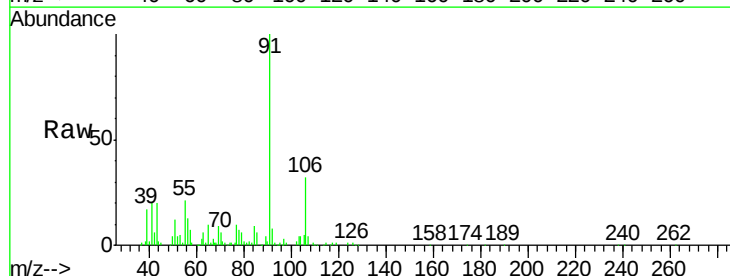
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 29 Sep 2021 9:40

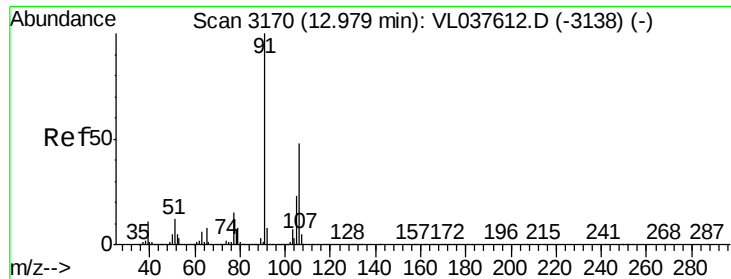
Tgt Ion: 117 Resp: 3372670
Ion Ratio Lower Upper
117 100
82 63.3 50.6 75.8
119 34.5 26.2 39.2



#58
Ethyl Benzene
Concen: 0.269 ppbv
RT: 12.71 min Scan# 3085
Delta R.T.: 0.01 min
Lab File: VL037725.D
Acq: 29 Sep 2021 9:46

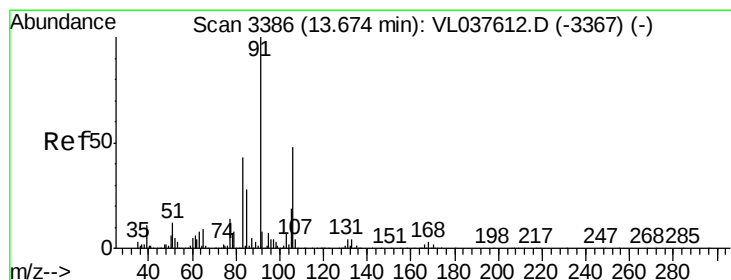
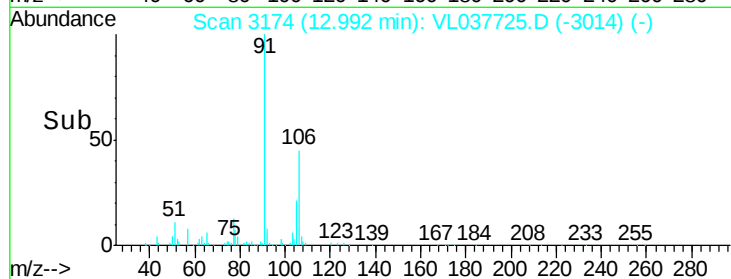
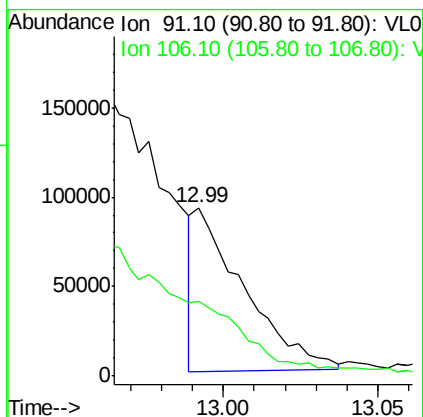
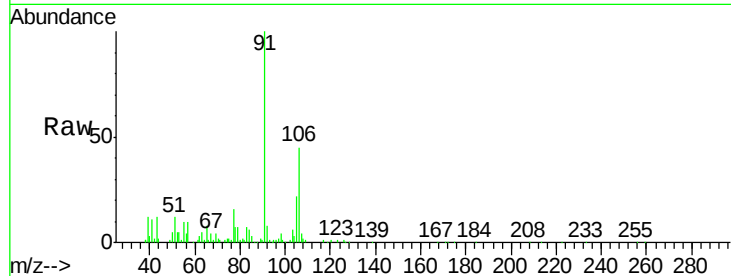
Tgt Ion: 91 Resp: 120535
Ion Ratio Lower Upper
91 100
106 32.0 25.3 37.9





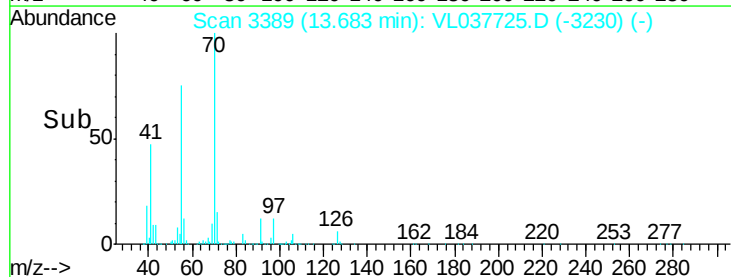
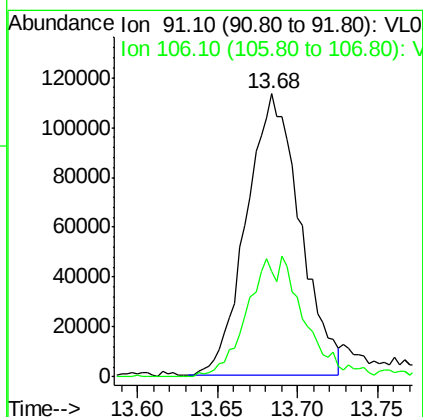
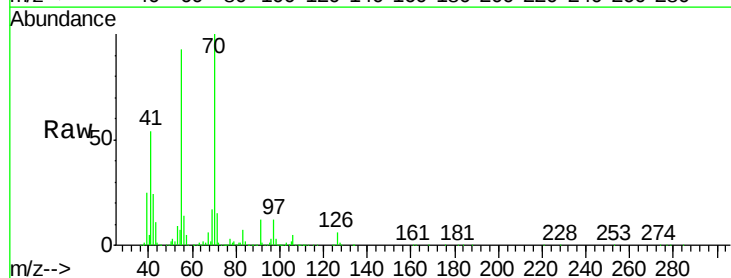
#59
m/p-Xylene
Concen: 0.260 ppbv
RT: 12.99 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 29 Sep 2021 9:40

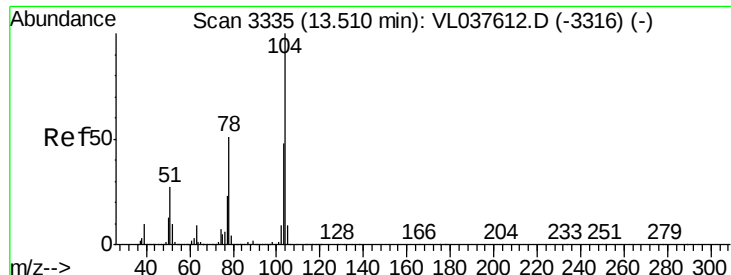
Tgt Ion: 91 Resp: 101291
Ion Ratio Lower Upper
91 100
106 0.0 36.6 55.0#



#60
o-Xylene
Concen: 0.702 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. 0.01 min
Lab File: VL037725.D
Acq: 29 Sep 2021 9:46

Tgt Ion: 91 Resp: 260784
Ion Ratio Lower Upper
91 100
106 46.5 23.0 69.0





#61

Styrene

Concen: 0.666 ppbv

RT: 13.52

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Sep 2021 9:48

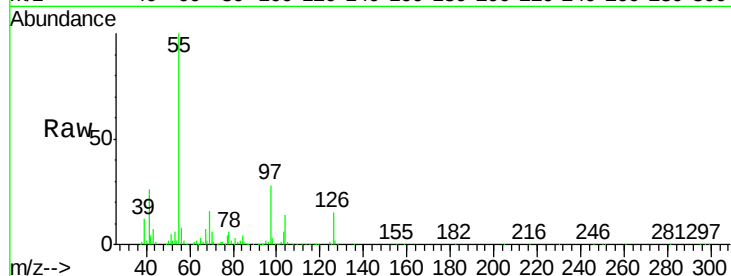
Tgt Ion:104 Resp: 121874

Ion Ratio Lower Upper

104 100

78 61.7 39.7 59.5#

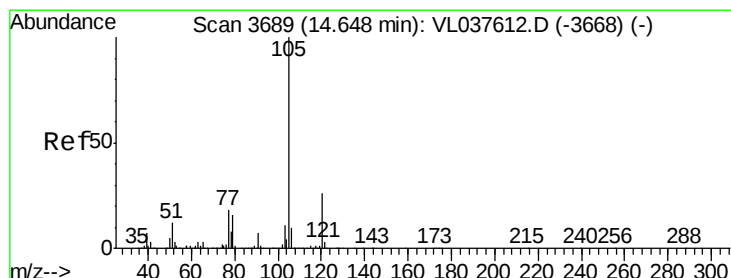
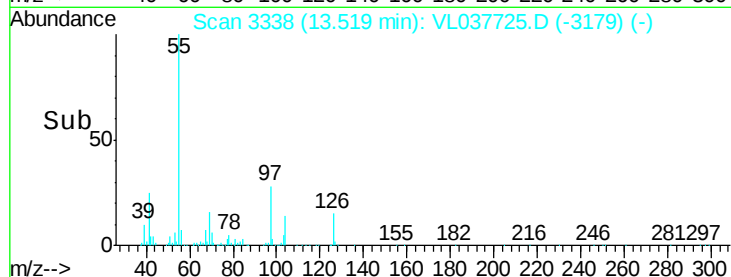
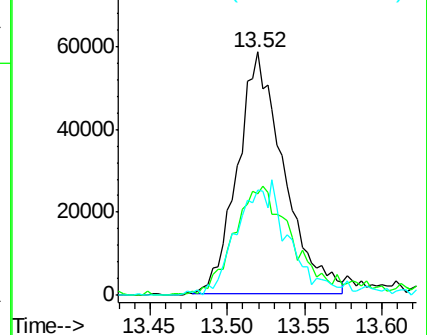
103 52.7 38.8 58.2



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 0.045 ppbv

RT: 14.66 min Scan# 3692

Delta R.T. 0.01 min

Lab File: VL037725.D

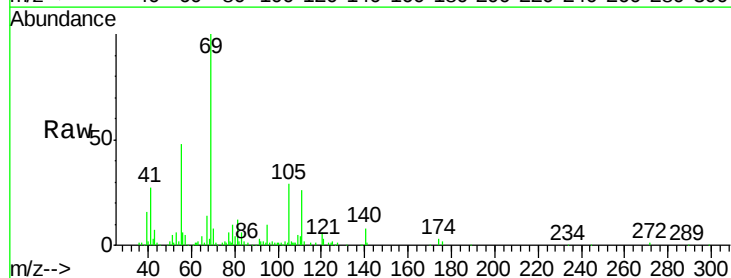
Acq: 29 Sep 2021 9:46

Tgt Ion:105 Resp: 23551

Ion Ratio Lower Upper

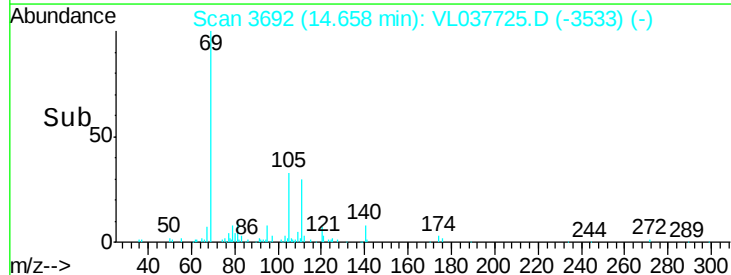
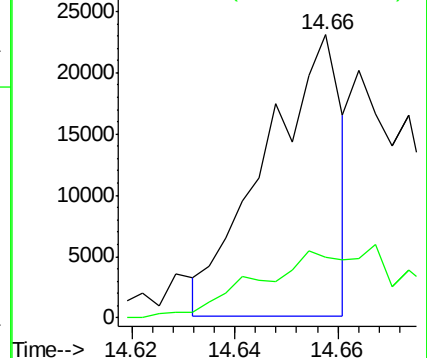
105 100

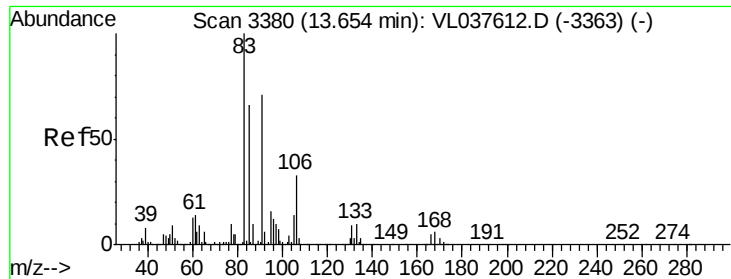
120 0.0 21.4 32.0#



Abundance Ion 105.10 (104.80 to 105.80): V

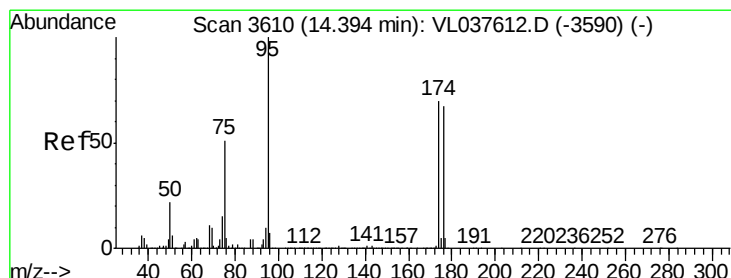
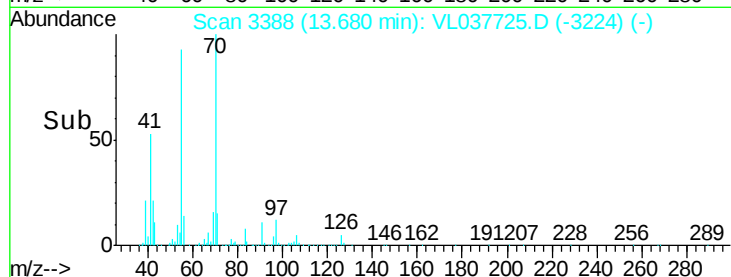
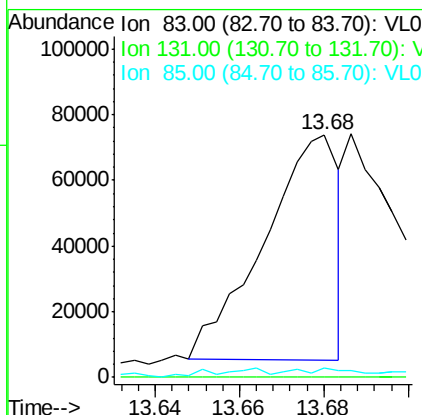
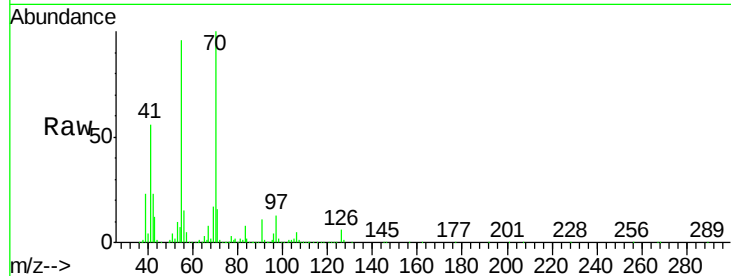
Ion 120.20 (119.90 to 120.90): V





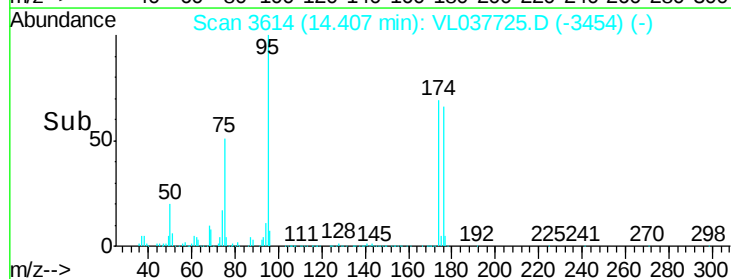
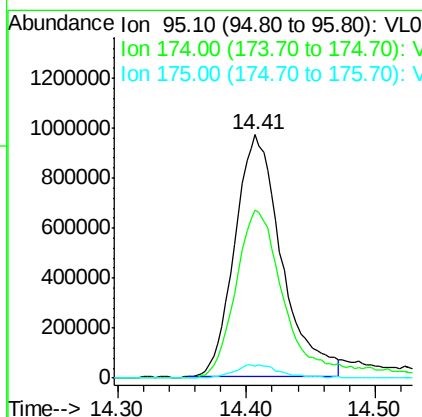
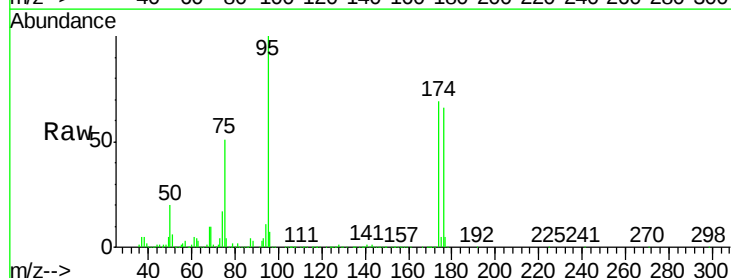
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.290 ppbv
 RT: 13.68
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 29 Sep 2021 9:40

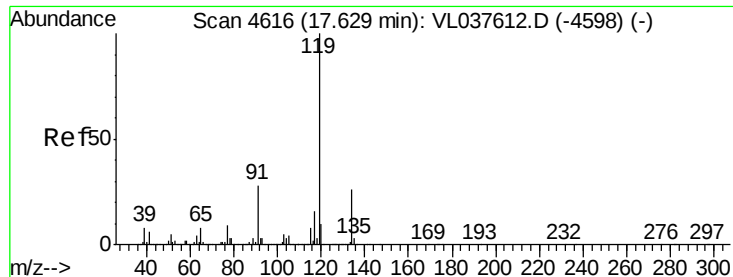
Tgt Ion: 83 Resp: 84245
 Ion Ratio Lower Upper
 83 100
 131 0.1 5.1 15.3#
 85 7.0 33.3 99.9#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.087 ppbv
 RT: 14.41 min Scan# 3614
 Delta R.T. 0.01 min
 Lab File: VL037725.D
 Acq: 29 Sep 2021 9:46

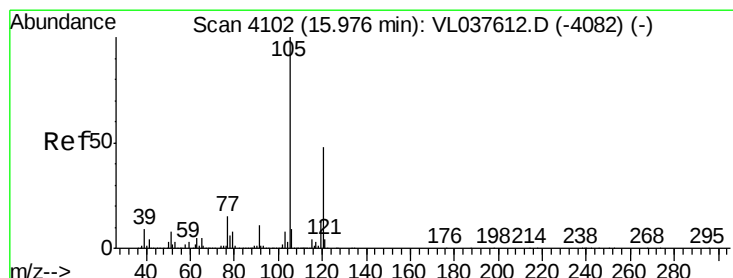
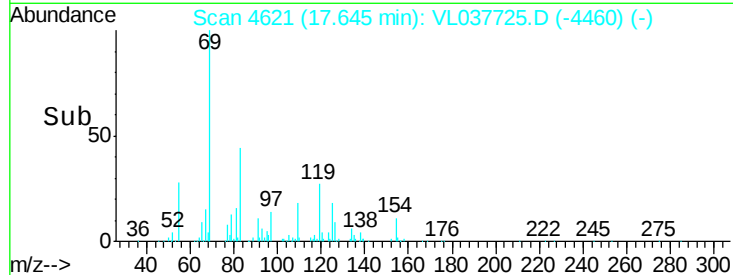
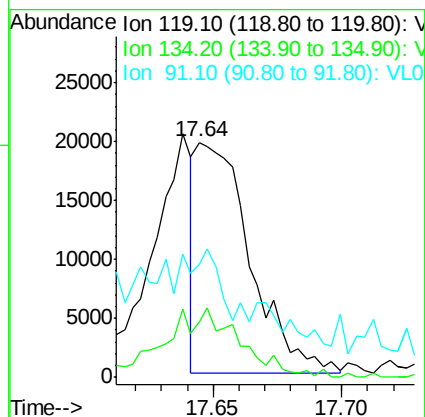
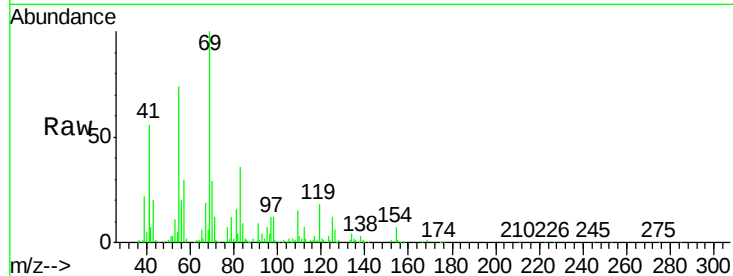
Tgt Ion: 95 Resp: 2458523
 Ion Ratio Lower Upper
 95 100
 174 77.1 56.3 84.5
 175 5.8 4.4 6.6





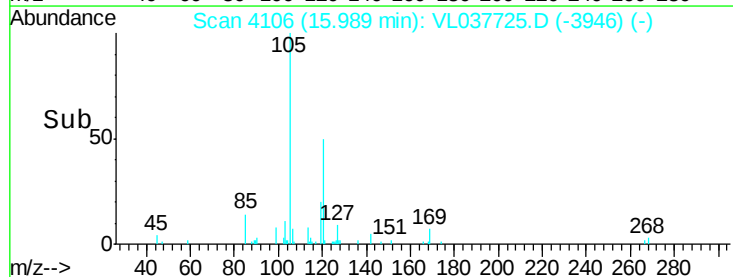
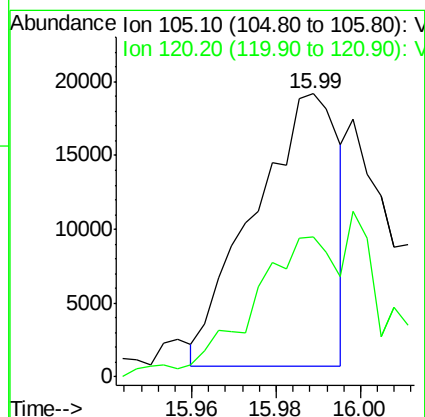
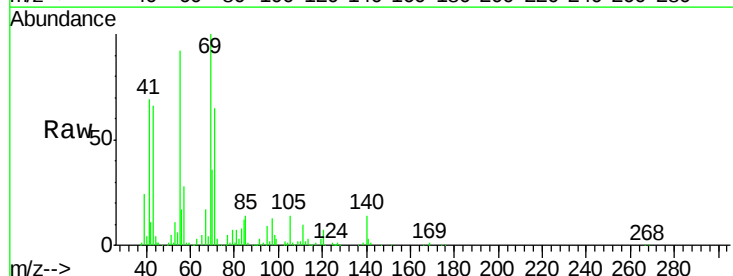
#69
 p-Isopropyltoluene
 Concen: 0.055 ppbv
 RT: 17.64 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 29 Sep 2021 9:46

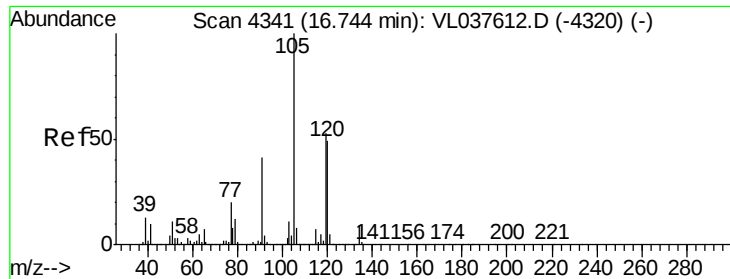
Tgt Ion	Ratio	Lower	Upper
119	100		
134	44.5	21.2	31.8#
91	119.3	22.2	33.2#



#73
 1,3,5-Trimethylbenzene
 Concen: 0.065 ppbv
 RT: 15.99 min Scan# 4106
 Delta R.T. 0.01 min
 Lab File: VL037725.D
 Acq: 29 Sep 2021 9:46

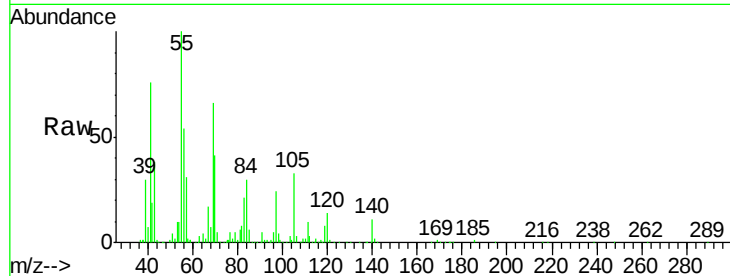
Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.1	38.3	57.5



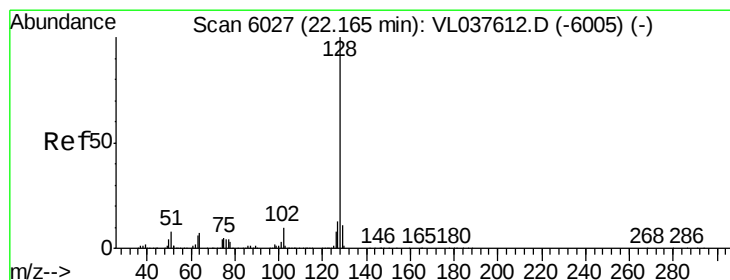
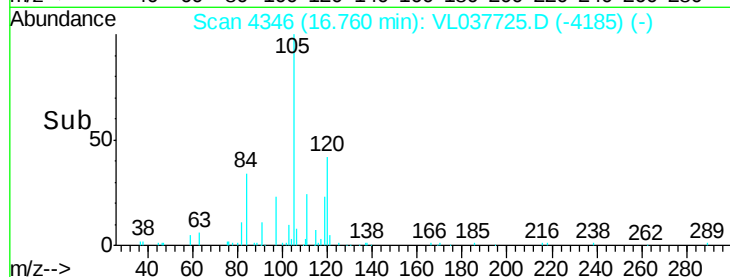
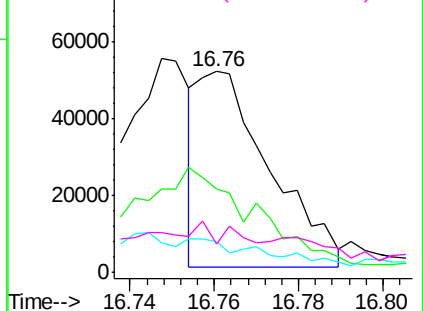


#74
1,2,4-Trimethylbenzene
Concen: 0.144 ppbv
RT: 16.76 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 29 Sep 2021 9:40

Tgt Ion:	105	Resp:	60140
Ion Ratio	Lower	Upper	
105	100		
120	37.8	39.4	59.0#
91	11.3	33.3	49.9#
77	2.0	15.7	23.5#

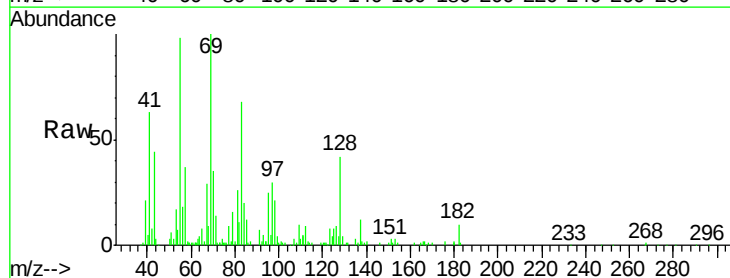


Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V
Ion 91.10 (90.80 to 91.80): VL0
Ion 77.10 (76.80 to 77.80): VL0

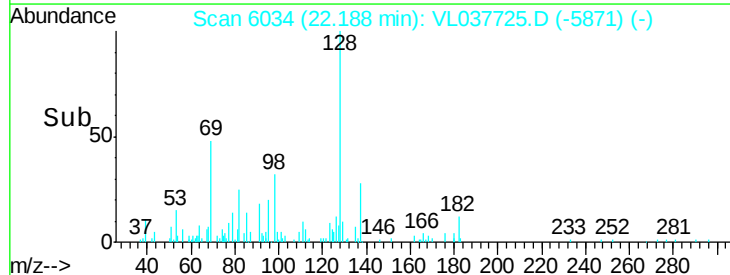
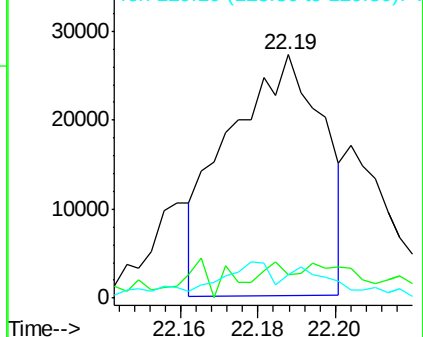


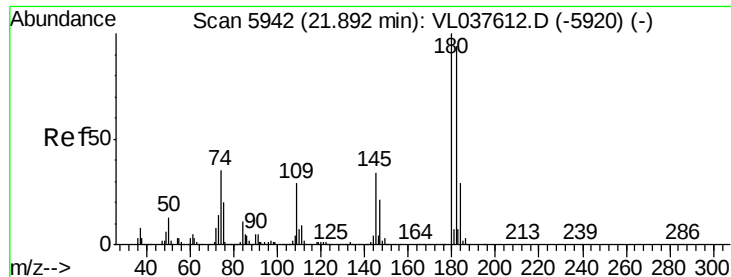
#79
Naphthalene
Concen: 0.180 ppbv
RT: 22.19 min Scan# 6034
Delta R.T. 0.02 min
Lab File: VL037725.D
Acq: 29 Sep 2021 9:46

Tgt Ion:	128	Resp:	46273
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.6	16.0#
129	10.8	8.6	12.8



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V





#81
 1,2,4-Trichlorobenzene
 Concen: 0.032 ppbv
 RT: 21.90
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 29 Sep 2021 9.40

Tgt Ion:180 Resp: 5241
 Ion Ratio Lower Upper
 180 100
 182 0.0 78.9 118.3#
 184 0.0 24.7 37.1#

