

Data File : VL037936.D

Acq On : 1 Nov 2021 10:40

Operator : SY/AP

Sample : VSTDIC001

Misc : 400mL/MSVOA_L

ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Quant Time: Nov 01 11:41:22 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Nov 01 11:08:47 2021

QLast Update : Mon Nov 01 11:08:47 2021

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1596755	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4667842	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	4189130	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2982618	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.05	85	240280	0.942	ppbv	100
3) Chlorodifluoromethane	2.99	51	314397	1.025	ppbv	99
4) Chloromethane	3.14	50	121940	1.085	ppbv #	88
5) Vinyl Chloride	3.26	62	102934	0.999	ppbv	94
6) Bromomethane	3.47	94	60092	1.078	ppbv	96
7) Chloroethane	3.56	64	39629	1.046	ppbv #	86
8) Dichlorotetrafluoroethane	3.19	85	274550	1.089	ppbv	97
9) Propene	3.02	41	106271	0.941	ppbv	100
10) Heptane	8.12	43	249260	0.972	ppbv	97
11) Trichlorofluoromethane	3.95	101	237660	1.044	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	179129	1.039	ppbv	92
13) Ethanol	3.63	45	11876	1.286	ppbv	79
14) Bromoethene	3.74	108	56309	0.743	ppbv #	67
15) Acetone	3.86	43	130572	0.911	ppbv #	86
16) 1,3-Butadiene	3.33	39	103334	0.991	ppbv	94
17) tert-Butyl alcohol	4.31	59	125808	0.852	ppbv #	94
18) 1,1-Dichloroethene	4.29	96	69654	0.889	ppbv	95
19) Isopropyl Alcohol	3.98	45	30036	0.337	ppbv #	54
20) Methylene Chloride	4.34	84	74616	1.030	ppbv	93
21) Allyl Chloride	4.41	41	117694	0.927	ppbv	91
22) trans-1,2-Dichloroethene	4.89	96	76498	0.971	ppbv	89
23) Vinyl Acetate	5.08	43	174815	0.814	ppbv #	94
24) 1,1-Dichloroethane	5.01	63	172462	1.103	ppbv	97
25) Ethyl Acetate	5.68	43	410309	1.020	ppbv	99
26) Hexane	5.68	57	197002	0.995	ppbv	97
27) Carbon Disulfide	4.55	76	176080	1.003	ppbv #	93
28) Methyl tert-Butyl Ether	5.04	73	79382	0.481	ppbv #	39
29) Chloroform	5.75	83	158260	0.559	ppbv	96
30) Cyclohexane	7.13	84	150131	0.894	ppbv #	68
31) cis-1,2-Dichloroethene	5.55	61	90203	0.502	ppbv	92
32) 1,1,1-Trichloroethane	6.51	97	260352	0.970	ppbv	96
34) 2-Butanone	5.25	43	156469	0.830	ppbv #	90
35) Carbon Tetrachloride	7.01	117	264202	0.997	ppbv	93
36) Benzene	6.88	78	401480	1.007	ppbv #	95
37) 1,2-Dichloroethane	6.30	62	184590	0.983	ppbv	100
38) Trichloroethene	7.83	130	149405	0.949	ppbv	97
39) 1,2-Dichloropropane	7.61	63	138880	0.926	ppbv	98
41) Tetrahydrofuran	6.07	42	36983	0.401	ppbv #	36
42) Bromodichloromethane	7.78	83	278311	1.009	ppbv #	99
43) Methyl Methacrylate	8.01	69	59257	0.455	ppbv #	1
44) 2,2,4-Trimethylpentane	7.87	57	703521	1.050	ppbv	99

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VSTDICC001

Quant Time: Nov 01 11:41:22 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Nov 01 11:08:47 2021

QLast Update : Mon Nov 01 11:08:47 2021

Response via : Initial Calibration

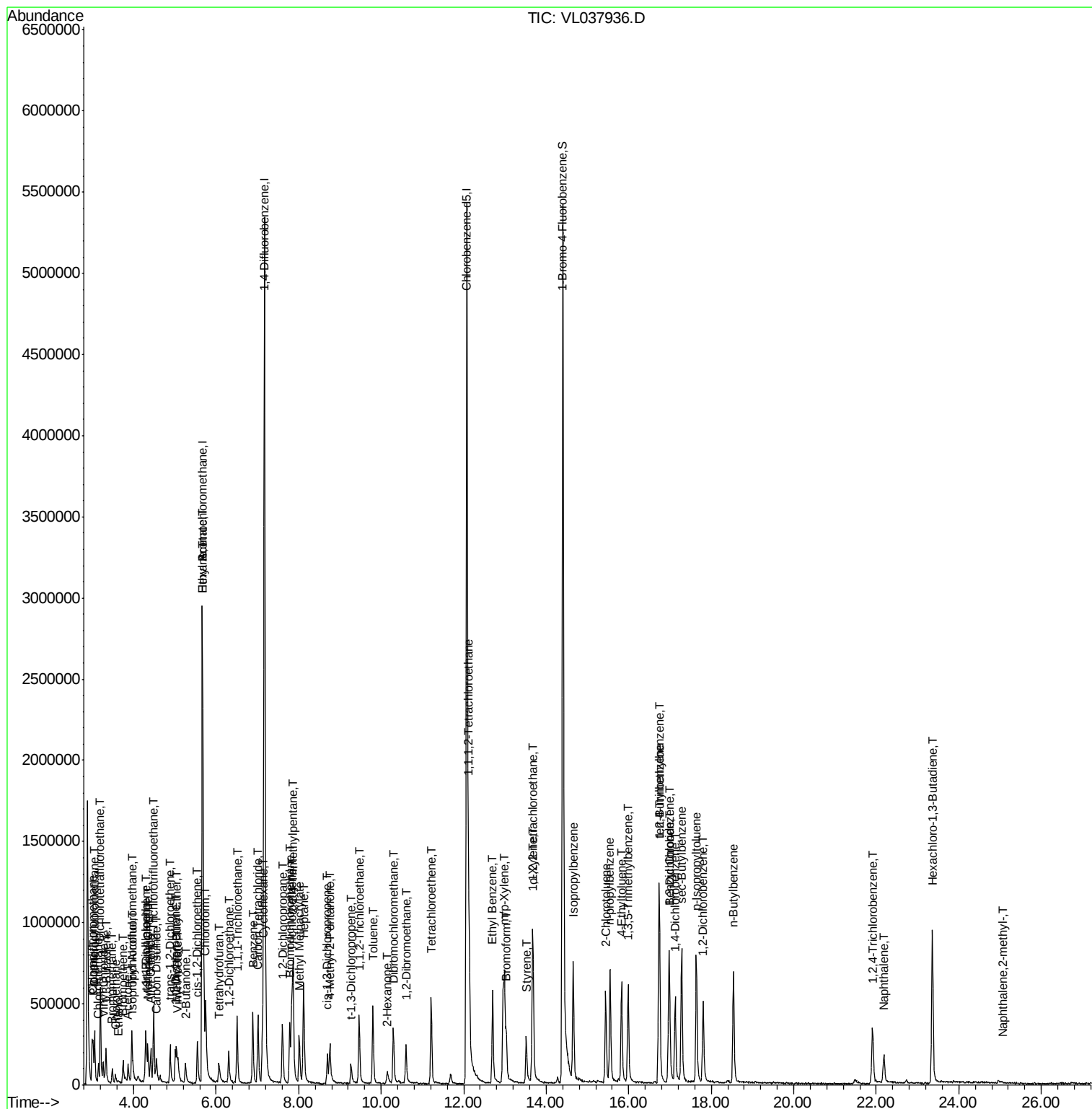
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) t-1,3-Dichloropropene	9.28	75	70446	0.786	ppbv	95
46) cis-1,3-Dichloropropene	8.70	75	102470	0.825	ppbv	98
47) 1,1,2-Trichloroethane	9.47	97	142922	0.877	ppbv	92
48) Dibromochloromethane	10.29	129	215738	0.928	ppbv	97
49) Bromoform	13.03	173	161147	0.906	ppbv	95
50) 4-Methyl-2-Pentanone	8.75	43	192617	0.785	ppbv	91
51) 2-Hexanone	10.15	43	35011	0.320	ppbv #	13
52) Tetrachloroethene	11.22	164	142705	0.920	ppbv	97
53) Toluene	9.80	91	400632	0.907	ppbv	99
54) 1,2-Dibromoethane	10.60	107	201753	0.916	ppbv	87
56) 1,1,1,2-Tetrachloroethane	12.11	131	180186	1.039	ppbv #	1
58) Ethyl Benzene	12.70	91	522590	0.929	ppbv	96
59) m/p-Xylene	12.99	91	581925	1.205	ppbv #	58
60) o-Xylene	13.68	91	463946	1.003	ppbv	98
61) Styrene	13.52	104	166890	0.746	ppbv	93
62) Isopropylbenzene	14.66	105	652087	1.010	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.66	83	368112	1.031	ppbv	97
64) n-propylbenzene	15.55	120	159568	0.991	ppbv	78
65) tert-Butylbenzene	16.73	119	598756	1.054	ppbv	99
66) Benzyl Chloride	16.98	91	11606	0.414	ppbv #	33
67) sec-Butylbenzene	17.28	105	805233	1.037	ppbv	97
69) p-Isopropyltoluene	17.64	119	635509	1.012	ppbv	98
70) n-Butylbenzene	18.54	91	567662	0.951	ppbv	97
71) 2-Chlorotoluene	15.45	91	213638	0.469	ppbv #	36
72) 4-Ethyltoluene	15.83	105	503639	0.959	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	481448	1.009	ppbv	97
74) 1,2,4-Trimethylbenzene	16.75	105	524234	1.046	ppbv	97
75) 1,3-Dichlorobenzene	16.99	146	319191	1.028	ppbv	97
76) 1,4-Dichlorobenzene	17.12	146	298355	1.007	ppbv	97
77) 1,2-Dichlorobenzene	17.81	146	296491	0.994	ppbv	96
78) Hexachloro-1,3-Butadiene	23.36	225	272269	1.118	ppbv	99
79) Naphthalene	22.18	128	135653	0.442	ppbv #	97
80) Naphthalene,2-methyl-	25.07	142	3035	0.037	ppbv	92
81) 1,2,4-Trichlorobenzene	21.92	180	72100	0.367	ppbv #	6

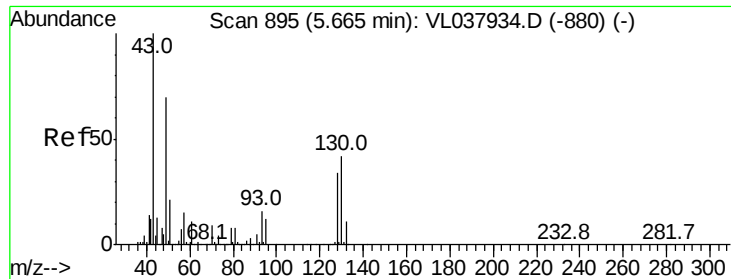
(#)=qualifier out of range (m)=manual integration (+)=signals summed

ALS Vial : 1 Sample Multiplier: 1

VSTDICC001

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC001

Acq: 1 Nov 2021 10:40

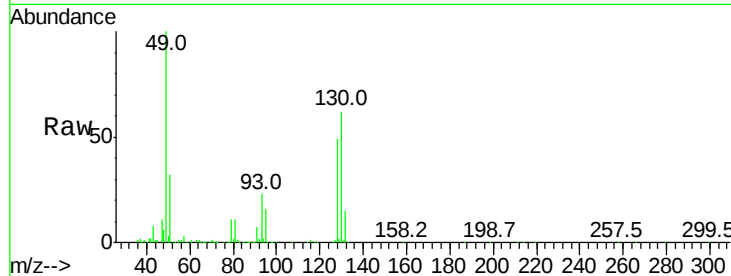
Tgt Ion: 49 Resp: 1596755

Ion Ratio Lower Upper

49 100

128 54.0 27.0 81.0

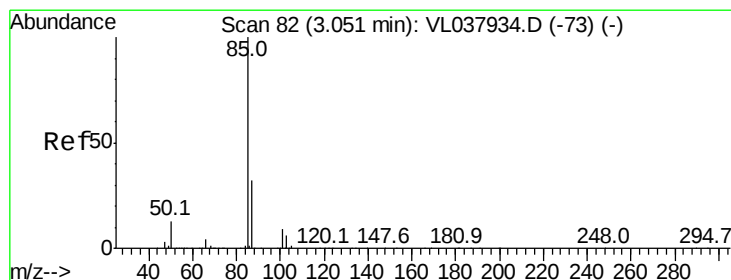
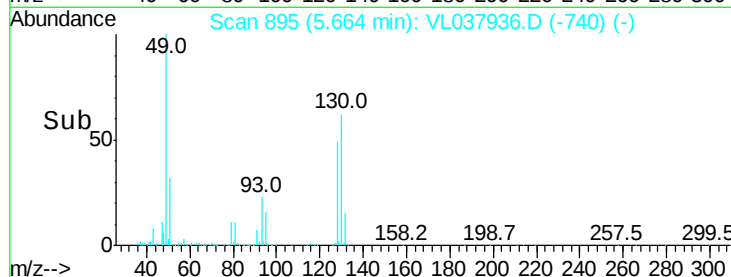
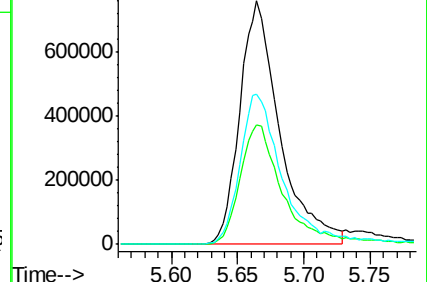
130 66.7 33.4 100.2



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.942 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.00 min

Lab File: VL037936.D

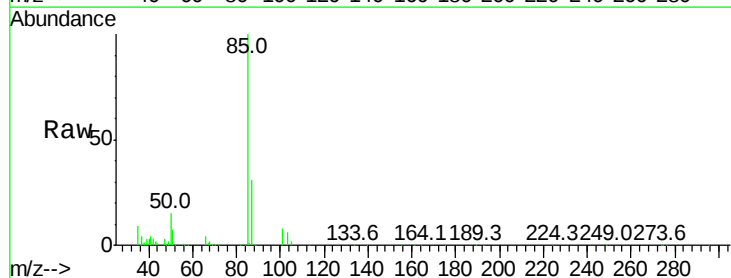
Acq: 1 Nov 2021 10:40

Tgt Ion: 85 Resp: 240280

Ion Ratio Lower Upper

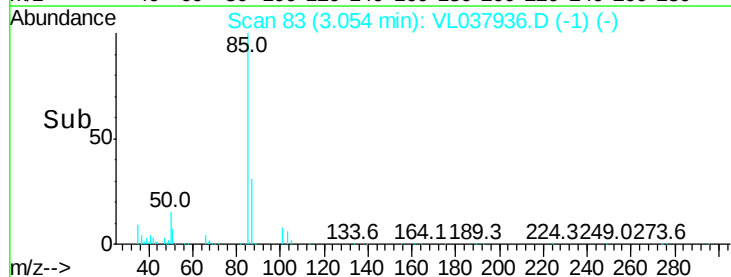
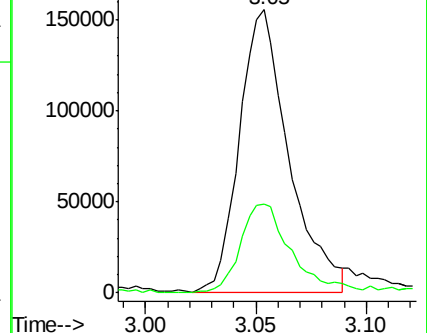
85 100

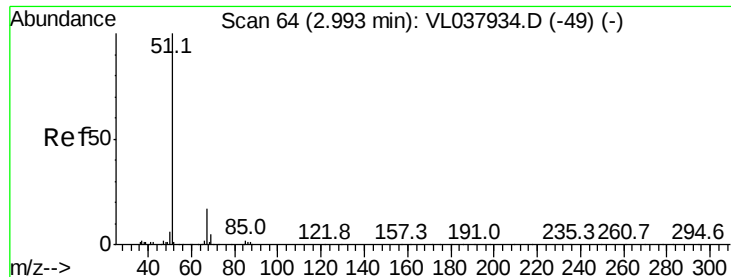
87 31.4 25.3 37.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 1.025 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC001

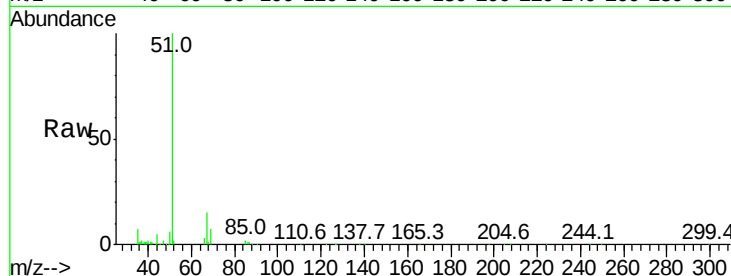
Acq: 1 Nov 2021 10:40

Tgt Ion: 51 Resp: 314397

Ion Ratio Lower Upper

51 100

67 16.4 13.4 20.0



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

200000

150000

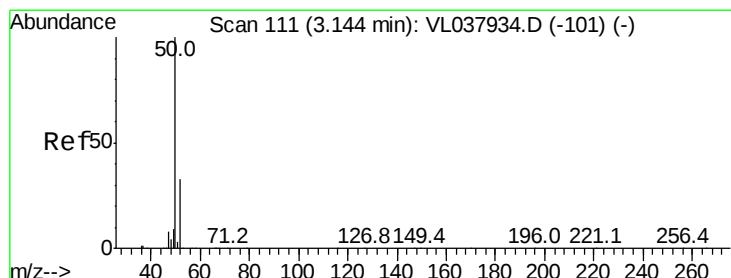
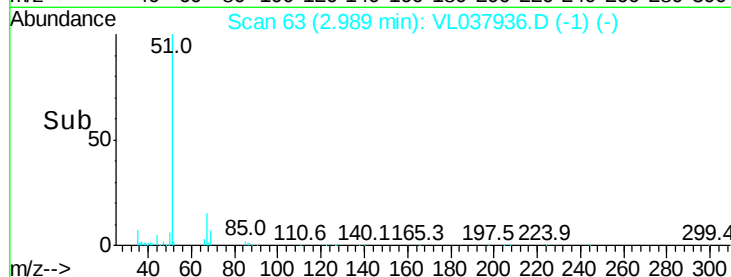
100000

50000

0

2.90 3.00 3.10

Time-->



#4

Chloromethane

Concen: 1.085 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL037936.D

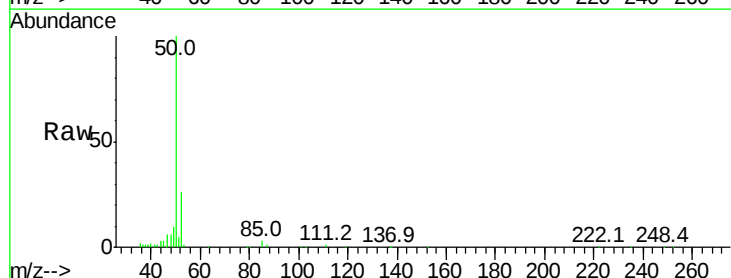
Acq: 1 Nov 2021 10:40

Tgt Ion: 50 Resp: 121940

Ion Ratio Lower Upper

50 100

52 26.0 26.3 39.5#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

80000

60000

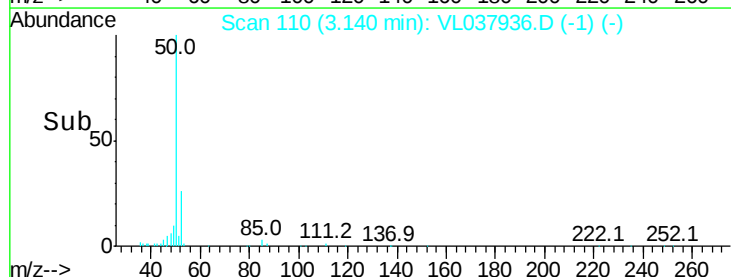
40000

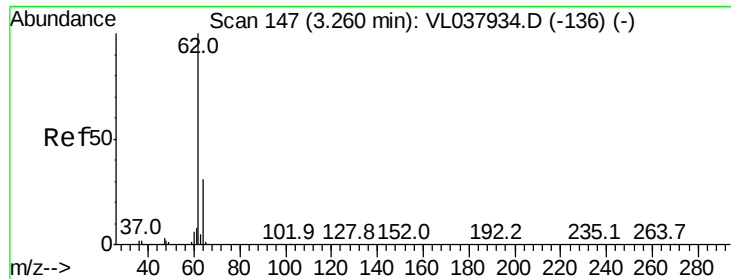
20000

0

3.10 3.15

Time-->





#5

Vinyl Chloride

Concen: 0.999 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

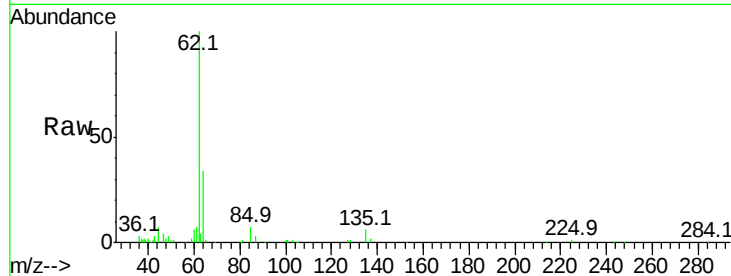
Acq: 1 Nov 2021 10:40 VSTDIC001

Tgt Ion: 62 Resp: 102934

Ion Ratio Lower Upper

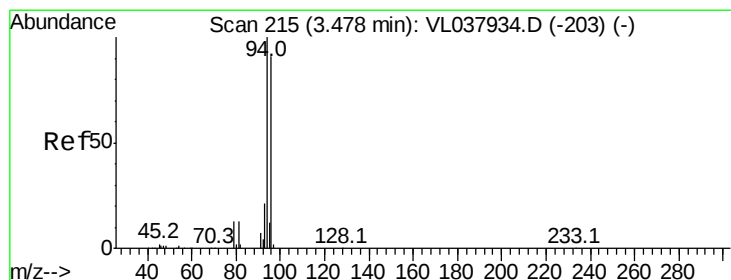
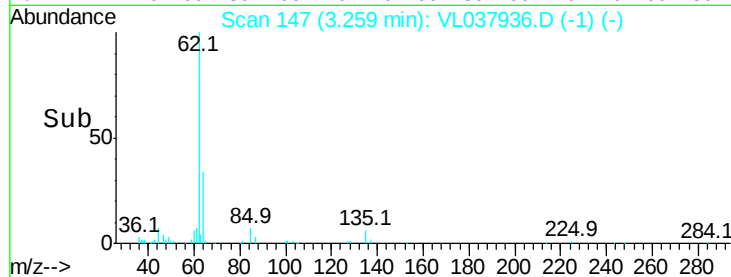
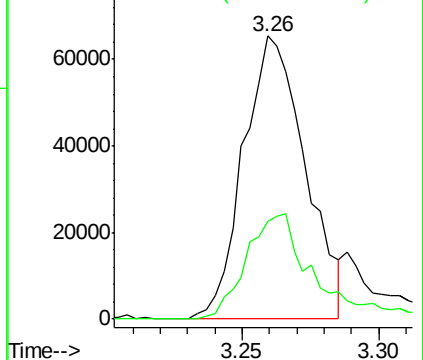
62 100

64 34.4 24.7 37.1



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 1.078 ppbv

RT: 3.47 min Scan# 214

Delta R.T. -0.00 min

Lab File: VL037936.D

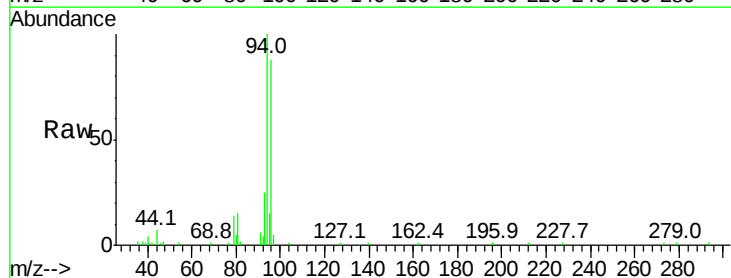
Acq: 1 Nov 2021 10:40

Tgt Ion: 94 Resp: 60092

Ion Ratio Lower Upper

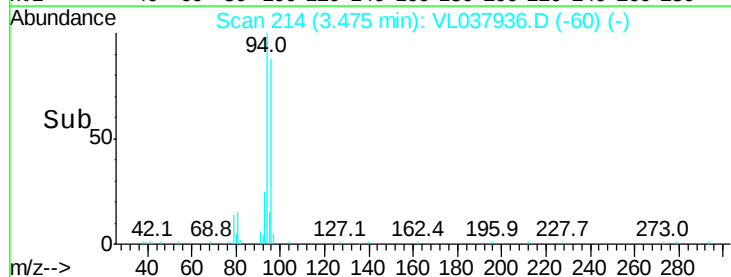
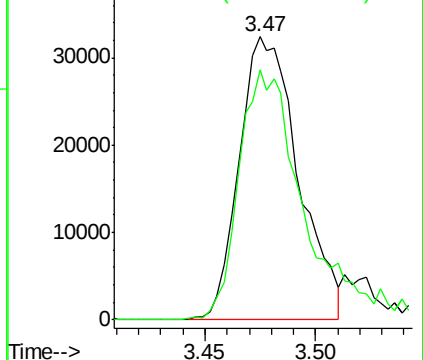
94 100

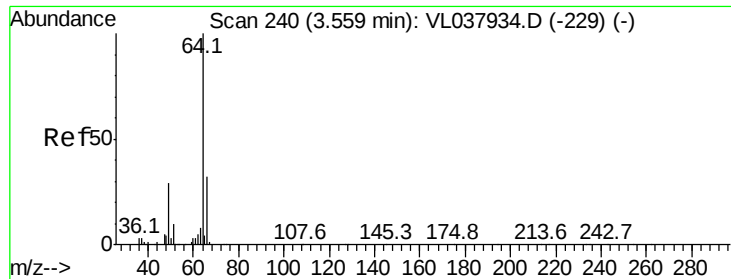
96 87.9 73.0 109.4



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 1.046 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC001

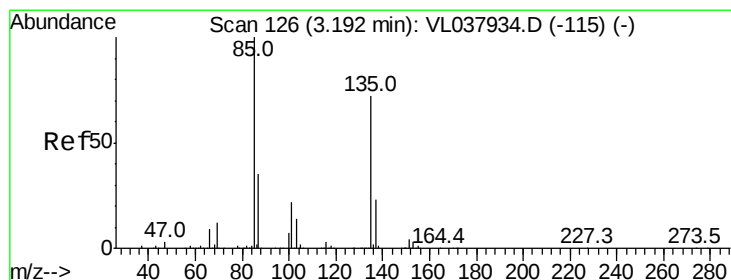
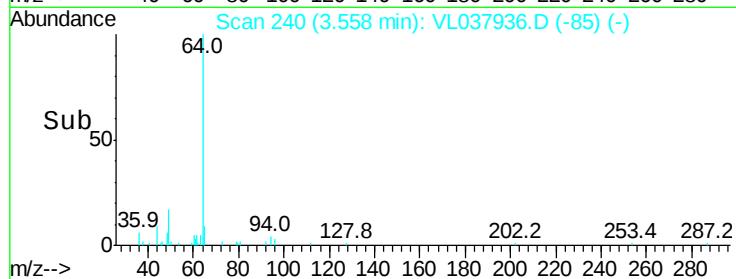
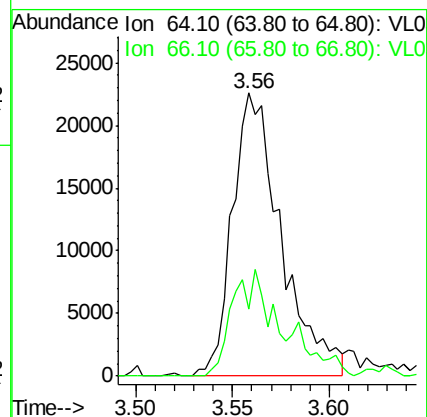
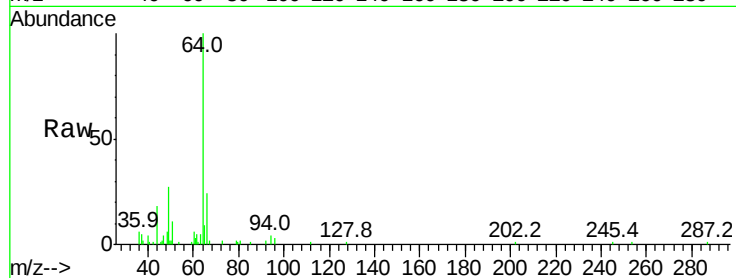
Acq: 1 Nov 2021 10:40

Tgt Ion: 64 Resp: 39629

Ion Ratio Lower Upper

64 100

66 23.9 25.5 38.3#



#8

Dichlorotetrafluoroethane

Concen: 1.089 ppbv

RT: 3.19 min Scan# 126

Delta R.T. -0.00 min

Lab File: VL037936.D

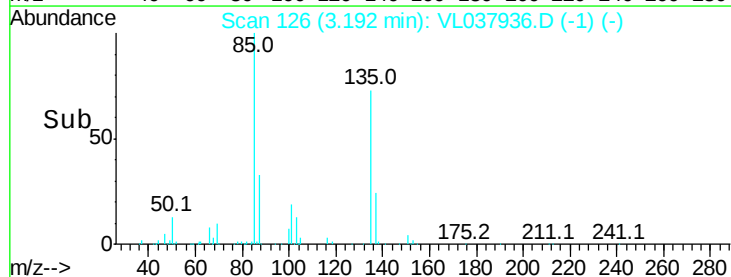
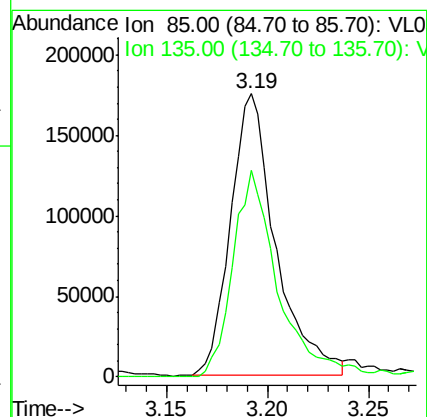
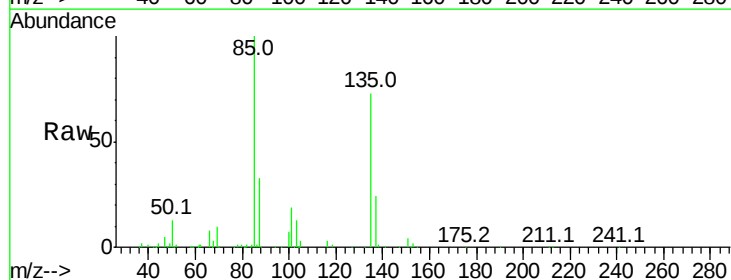
Acq: 1 Nov 2021 10:40

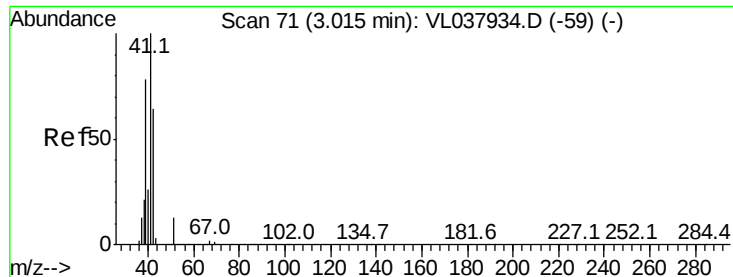
Tgt Ion: 85 Resp: 274550

Ion Ratio Lower Upper

85 100

135 75.8 58.8 88.2





#9

Propene

Concen: 0.941 ppbv

RT: 3.02 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

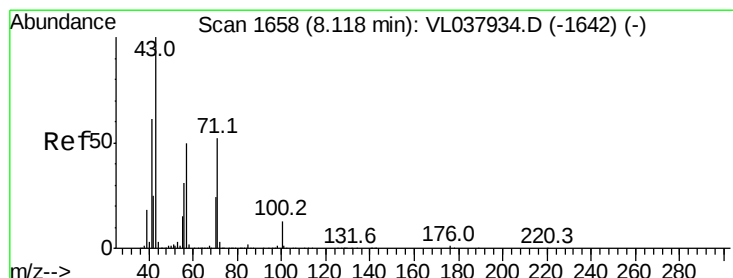
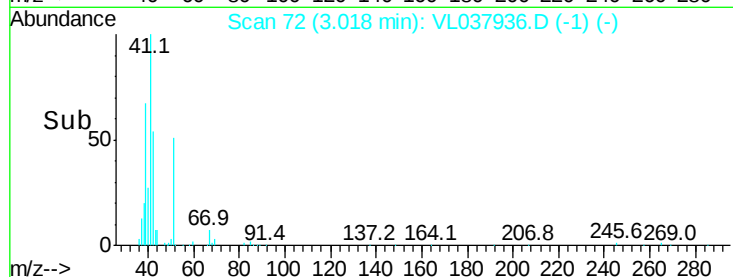
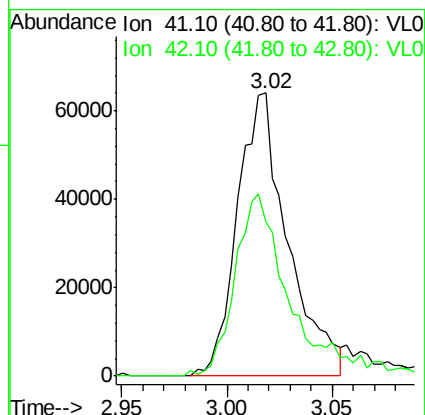
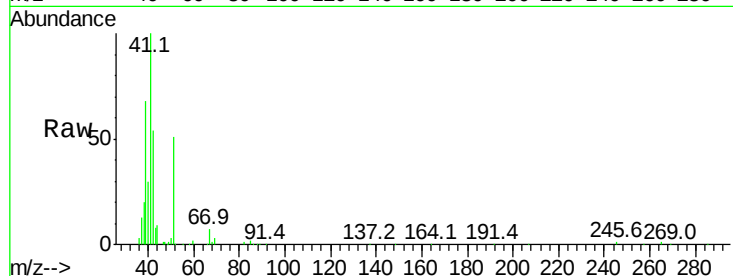
Acq: 1 Nov 2021 10:40 VSTDIC001

Tgt Ion: 41 Resp: 106271

Ion Ratio Lower Upper

41 100

42 71.8 57.6 86.4



#10

Heptane

Concen: 0.972 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VL037936.D

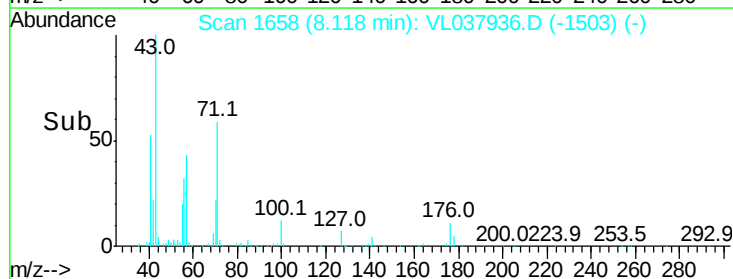
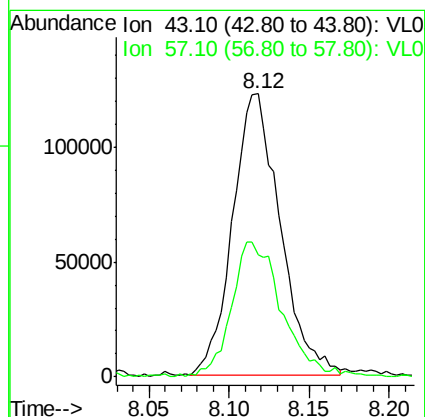
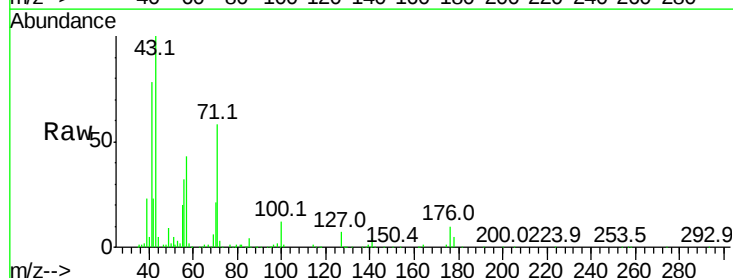
Acq: 1 Nov 2021 10:40

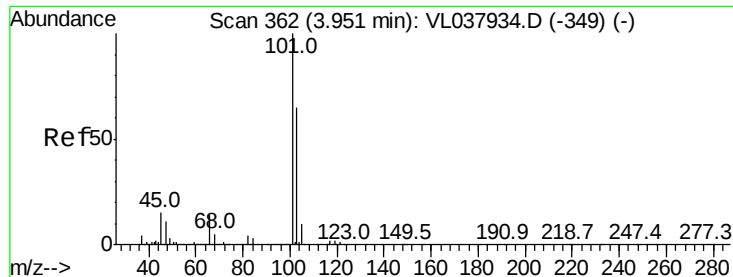
Tgt Ion: 43 Resp: 249260

Ion Ratio Lower Upper

43 100

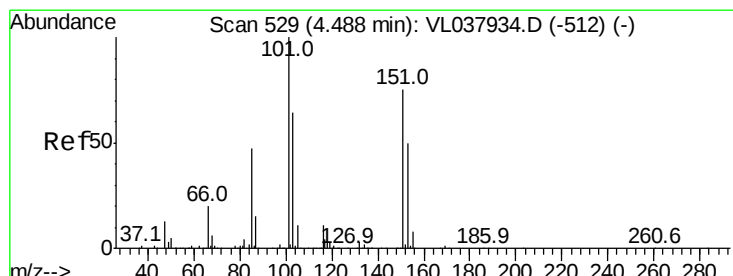
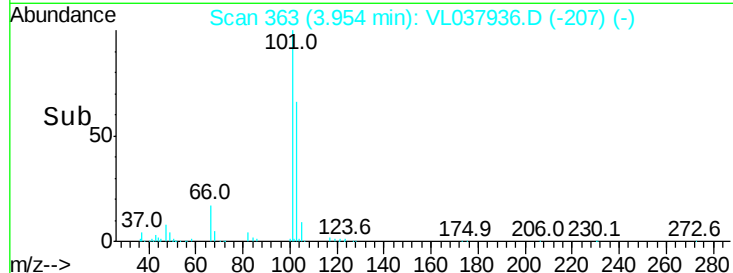
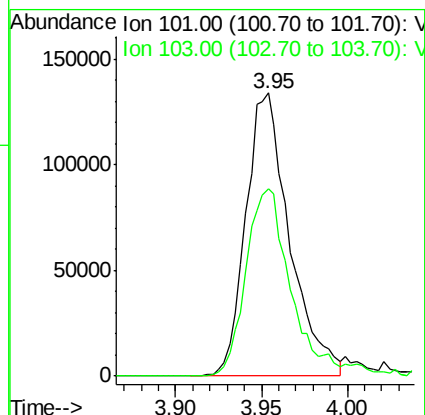
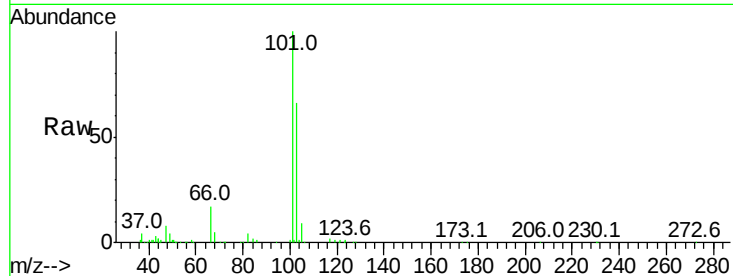
57 51.8 39.8 59.8





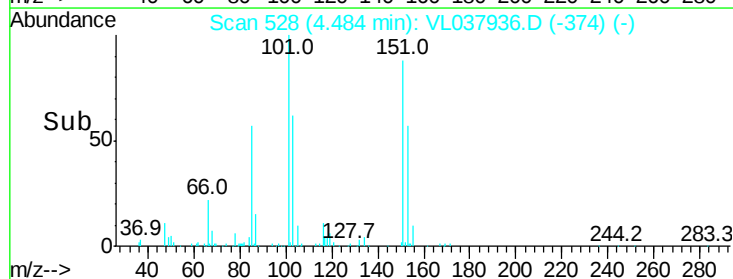
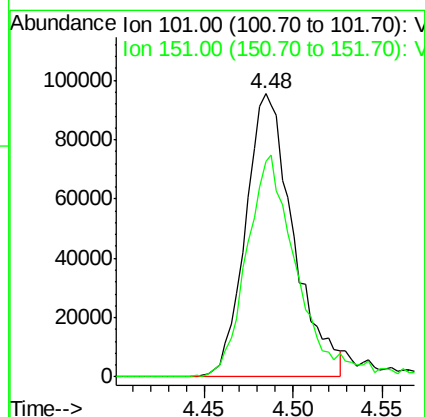
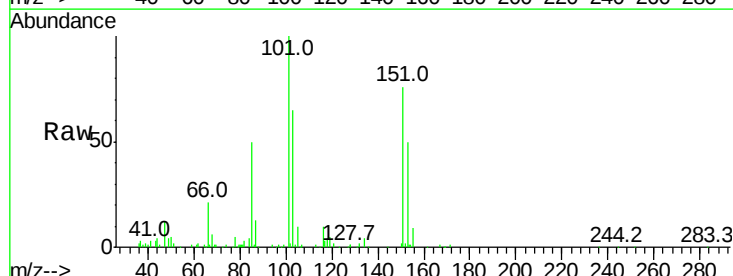
#11
 Trichlorofluoromethane
 Concen: 1.044 ppbv
 RT: 3.95
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 1 Nov 2021 10:40

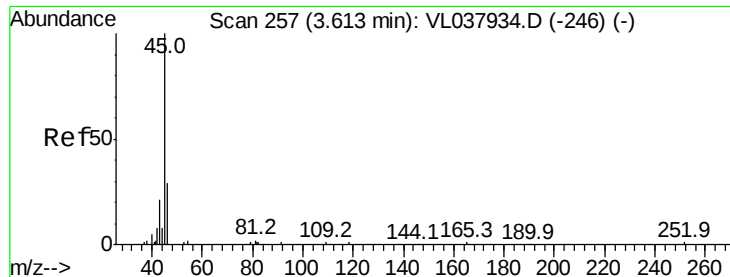
Tgt Ion:101 Resp: 237660
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.0 78.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.039 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VL037936.D
 Acq: 1 Nov 2021 10:40

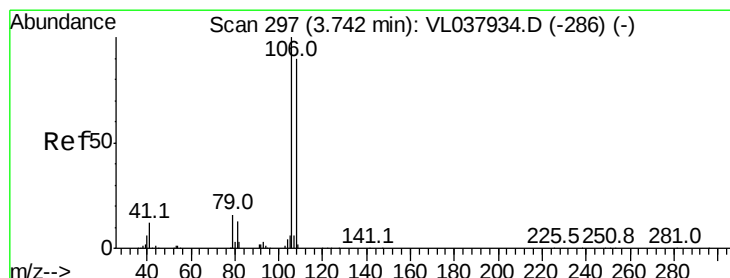
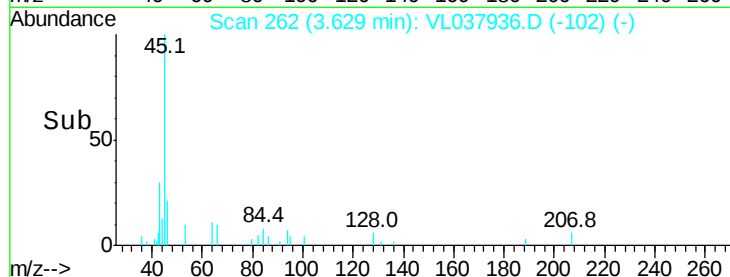
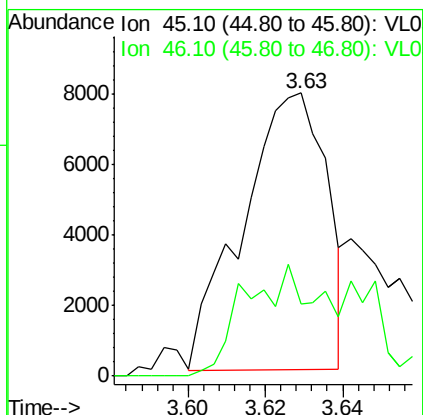
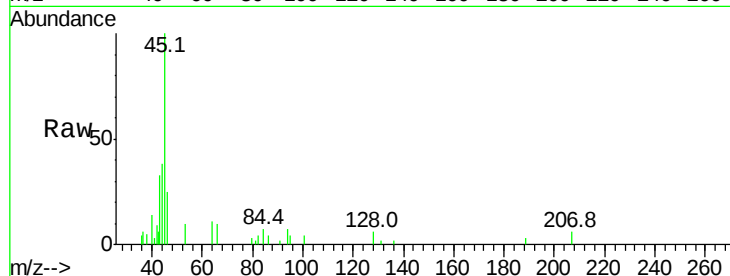
Tgt Ion:101 Resp: 179129
 Ion Ratio Lower Upper
 101 100
 151 83.9 61.8 92.8





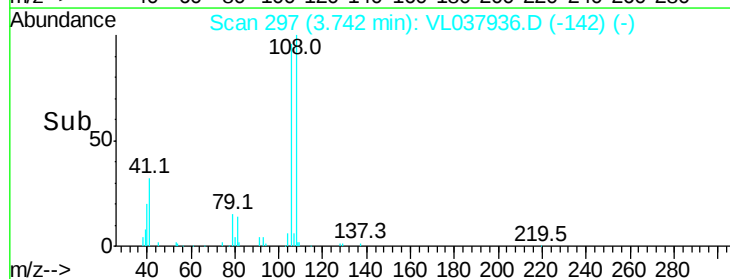
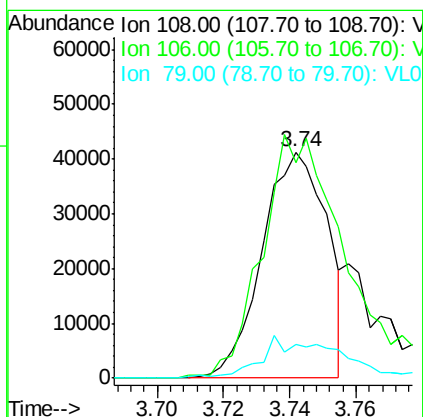
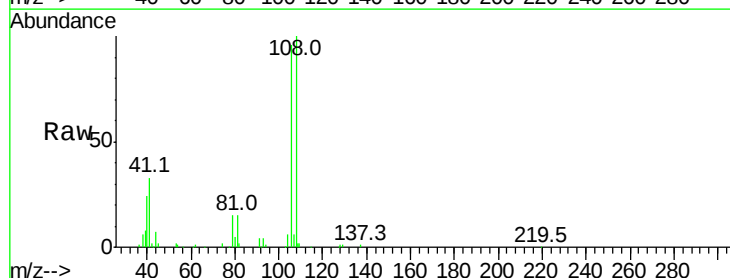
#13
Ethanol
Concen: 1.286 ppbv
RT: 3.63
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 1 Nov 2021 10:40

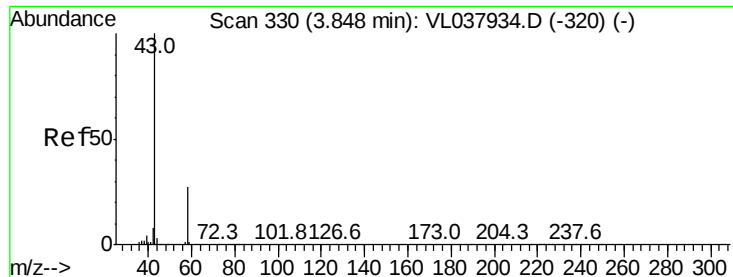
Tgt Ion: 45 Resp: 11876
Ion Ratio Lower Upper
45 100
46 57.0 17.4 69.8



#14
Bromoethene
Concen: 0.743 ppbv
RT: 3.74 min Scan# 297
Delta R.T. -0.00 min
Lab File: VL037936.D
Acq: 1 Nov 2021 10:40

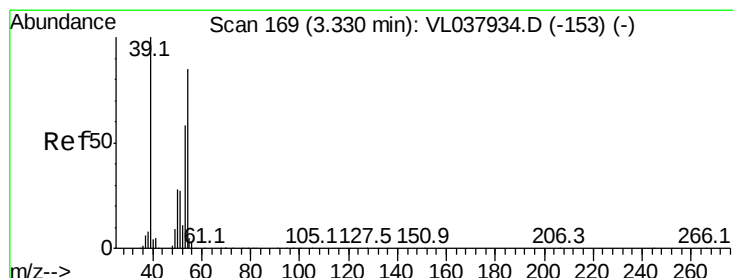
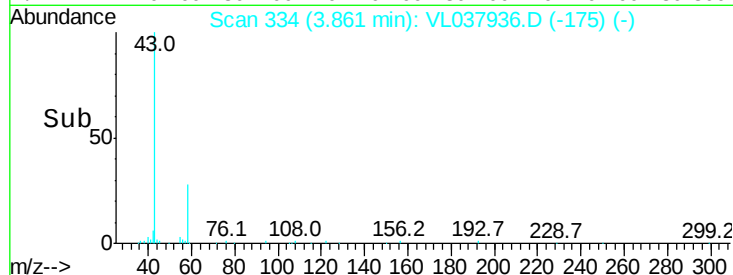
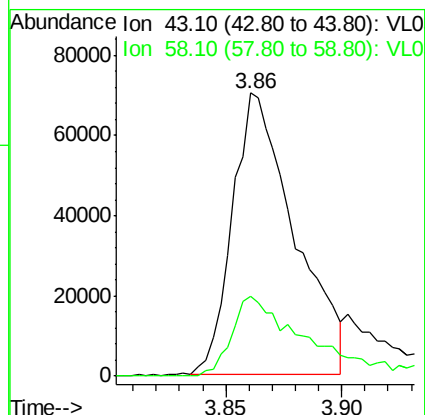
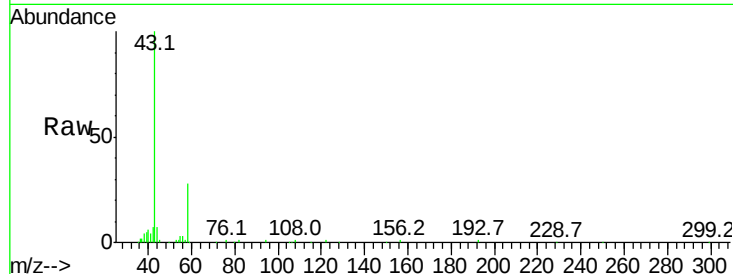
Tgt Ion: 108 Resp: 56309
Ion Ratio Lower Upper
108 100
106 148.2 88.4 132.6#
79 22.8 12.4 18.6#





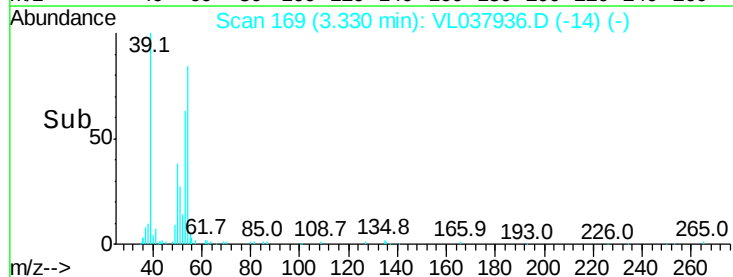
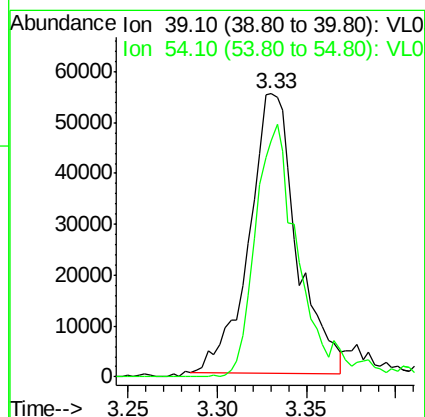
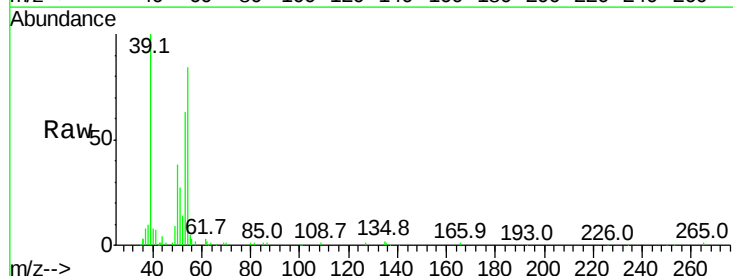
#15
Acetone
Concen: 0.911 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Nov 2021 10:40

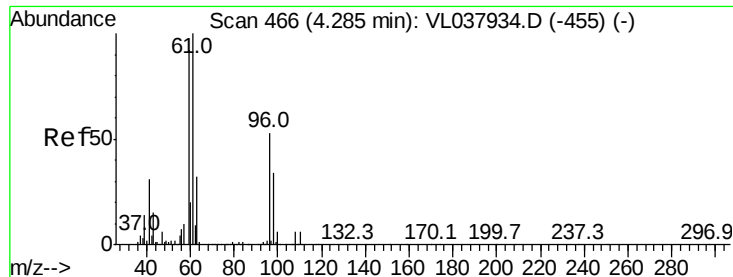
Tgt Ion: 43 Resp: 130572
Ion Ratio Lower Upper
43 100
58 36.4 23.3 34.9#



#16
1,3-Butadiene
Concen: 0.991 ppbv
RT: 3.33 min Scan# 169
Delta R.T. -0.00 min
Lab File: VL037936.D
Acq: 1 Nov 2021 10:40

Tgt Ion: 39 Resp: 103334
Ion Ratio Lower Upper
39 100
54 83.6 62.6 93.8





#17

tert-Butyl alcohol

Concen: 0.852 ppbv

RT: 4.31 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

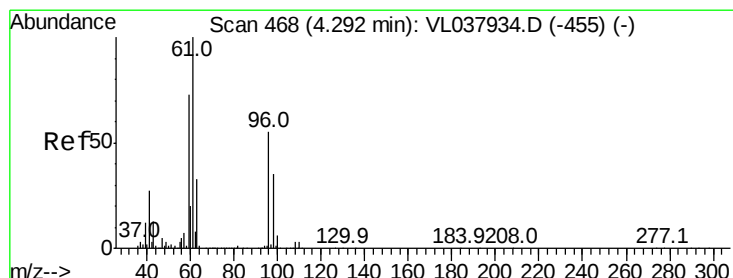
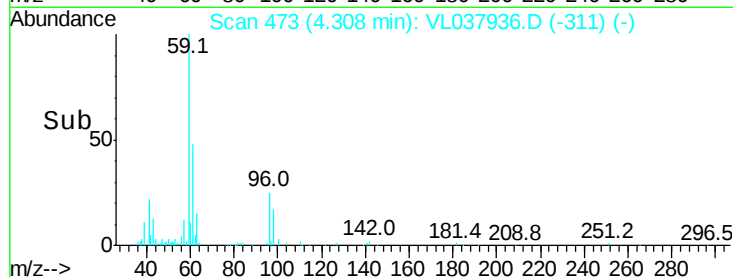
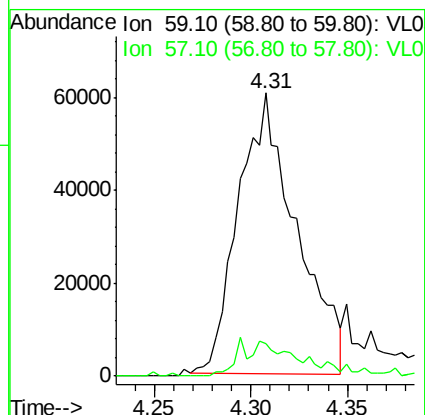
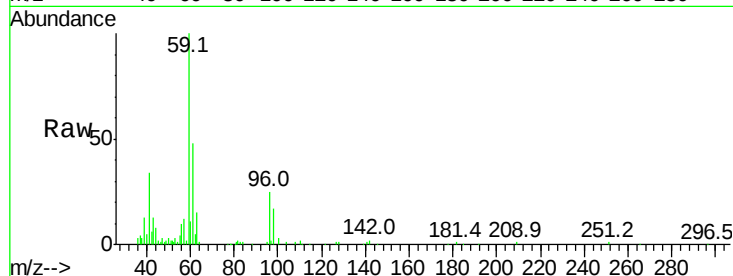
Acq: 1 Nov 2021 10:40

Tgt Ion: 59 Resp: 125808

Ion Ratio Lower Upper

59 100

57 13.4 8.9 13.3#



#18

1,1-Dichloroethene

Concen: 0.889 ppbv

RT: 4.29 min Scan# 468

Delta R.T. -0.00 min

Lab File: VL037936.D

Acq: 1 Nov 2021 10:40

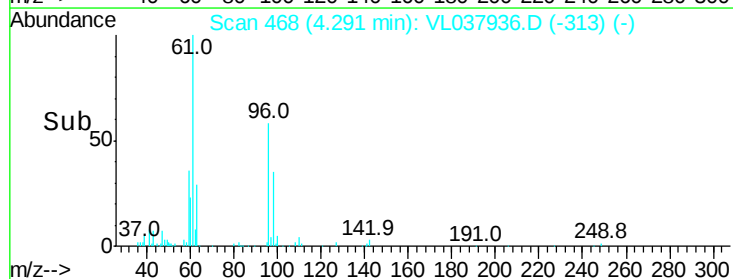
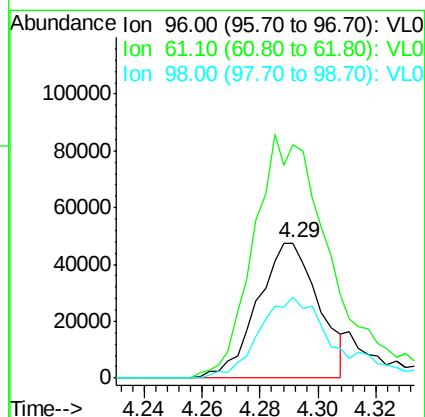
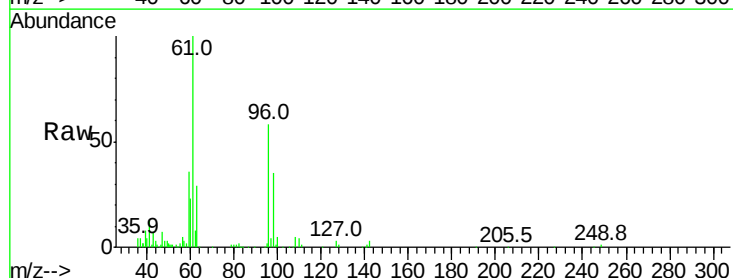
Tgt Ion: 96 Resp: 69654

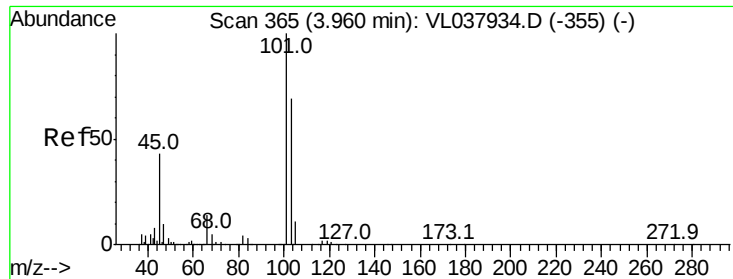
Ion Ratio Lower Upper

96 100

61 173.0 144.3 216.5

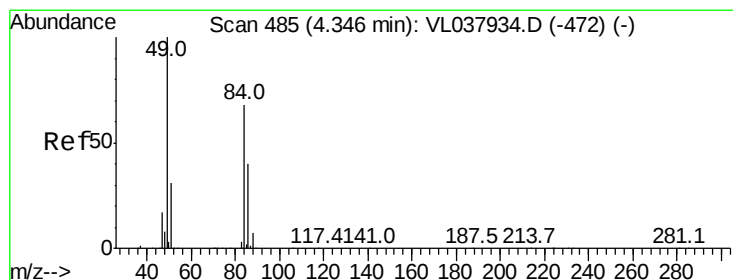
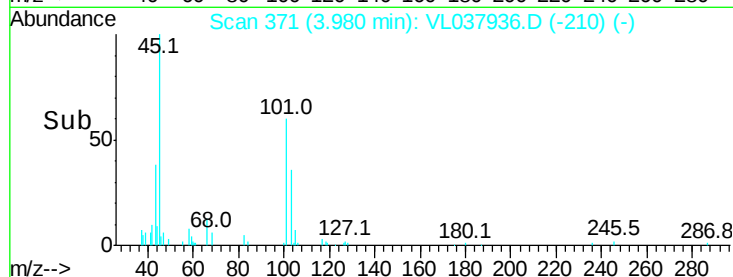
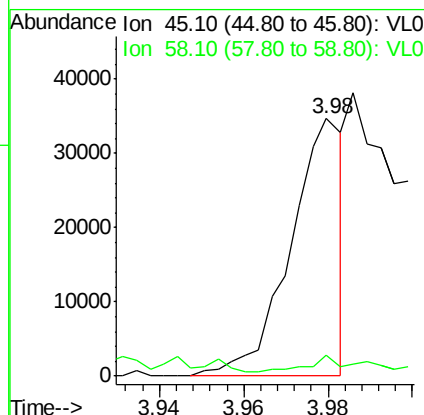
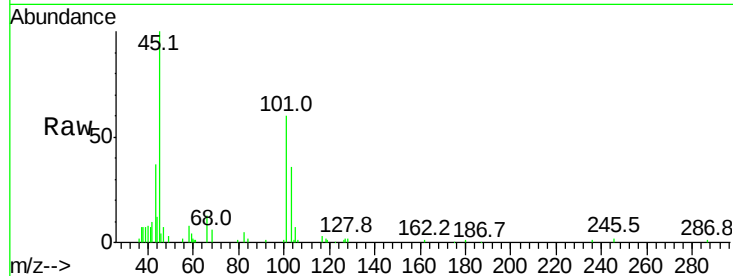
98 59.6 50.5 75.7





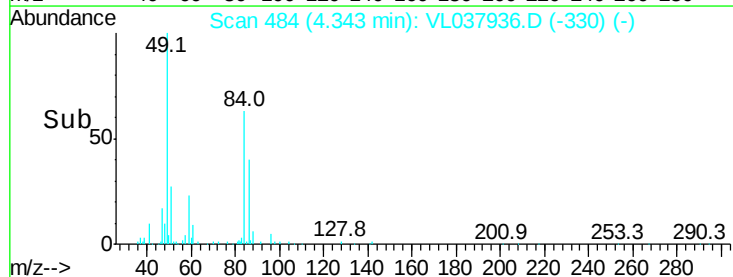
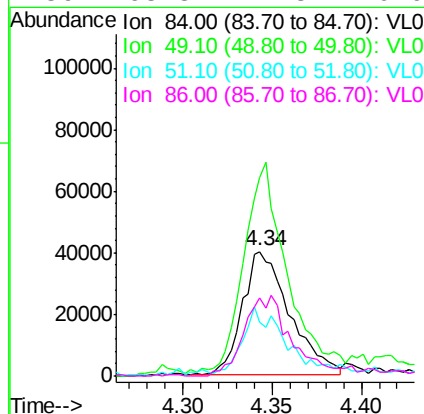
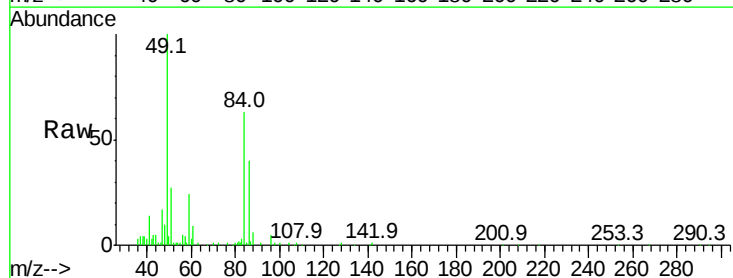
#19
Isopropyl Alcohol
Concen: 0.337 ppbv
RT: 3.98
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC001
Acq: 1 Nov 2021 10:40

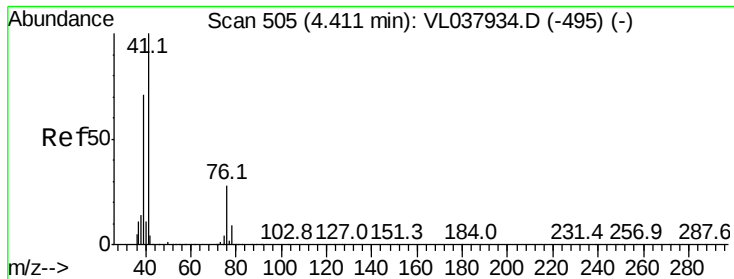
Tgt Ion: 45 Resp: 30036
Ion Ratio Lower Upper
45 100
58 20.2 4.0 6.0#



#20
Methylene Chloride
Concen: 1.030 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL037936.D
Acq: 1 Nov 2021 10:40

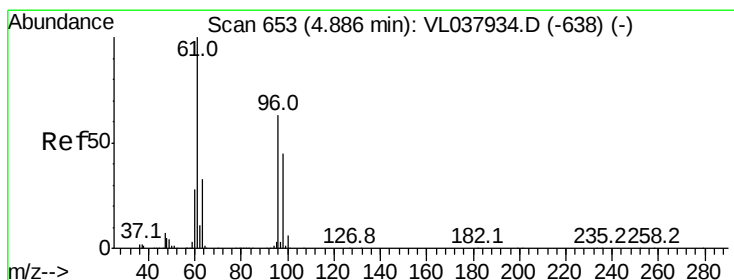
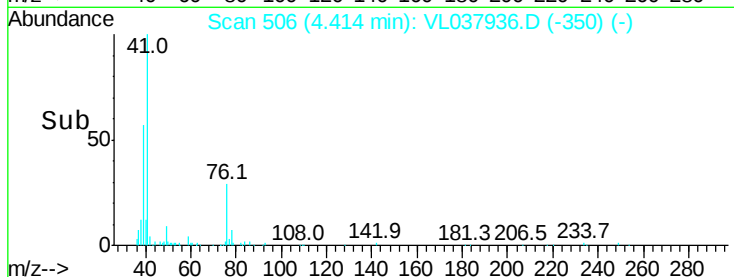
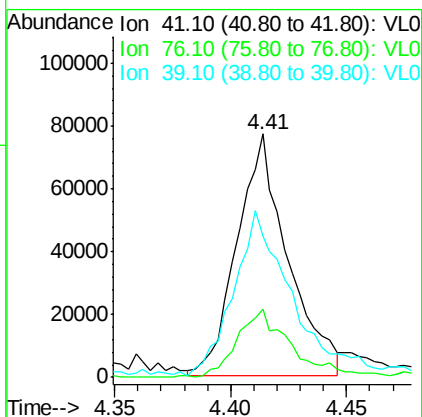
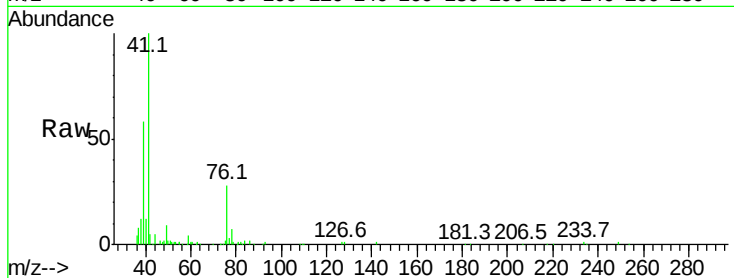
Tgt Ion: 84 Resp: 74616
Ion Ratio Lower Upper
84 100
49 155.2 117.5 176.3
51 40.6 35.9 53.9
86 63.8 47.3 70.9





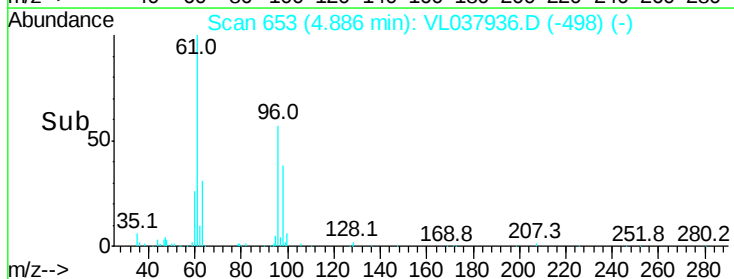
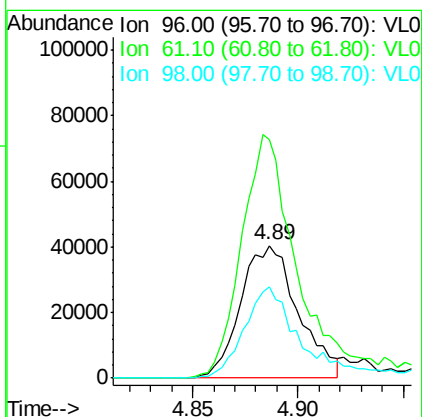
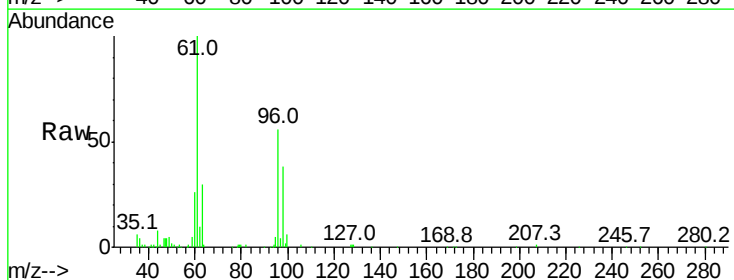
#21
 Allyl Chloride
 Concen: 0.927 ppbv
 RT: 4.41
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 1 Nov 2021 10:40

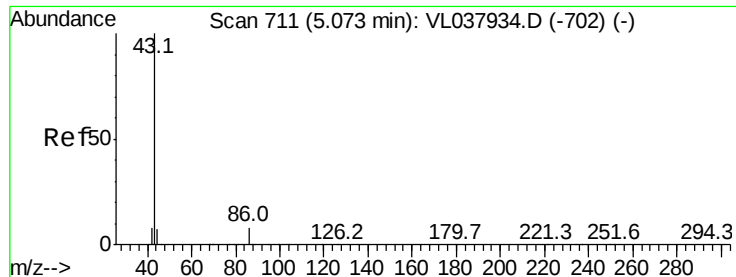
Tgt Ion: 41 Resp: 117694
 Ion Ratio Lower Upper
 41 100
 76 31.4 23.6 35.4
 39 84.3 59.7 89.5



#22
 trans-1,2-Dichloroethene
 Concen: 0.971 ppbv
 RT: 4.89 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: VL037936.D
 Acq: 1 Nov 2021 10:40

Tgt Ion: 96 Resp: 76498
 Ion Ratio Lower Upper
 96 100
 61 179.2 127.8 191.6
 98 68.7 56.9 85.3





#23

Vinyl Acetate

Concen: 0.814 ppbv

RT: 5.08 Instrument: MSVOA_1

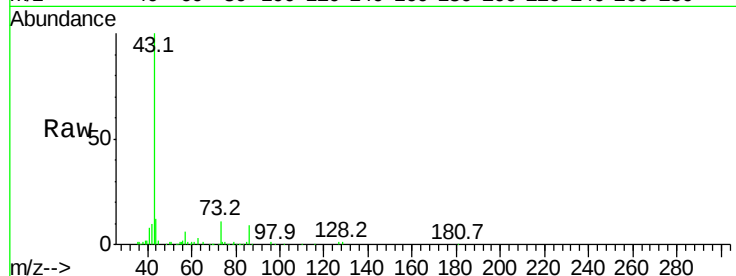
Delta R.T.

Lab File: ClientSampleId:

Acq: 1 Nov 2021 10:40 VSTDIC001

Tgt Ion: 43 Resp: 174815

Ion	Ratio	Lower	Upper
43	100		
86	9.2	5.5	8.3#
42	10.8	7.4	11.2
44	8.9	4.7	7.1#

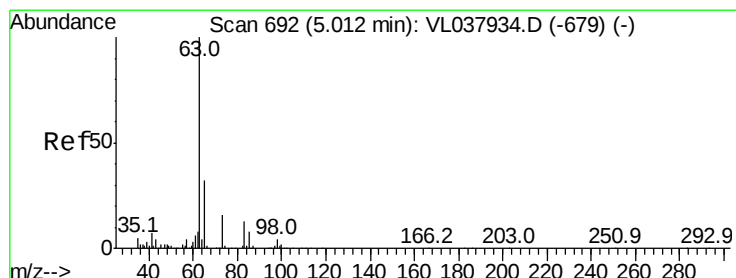
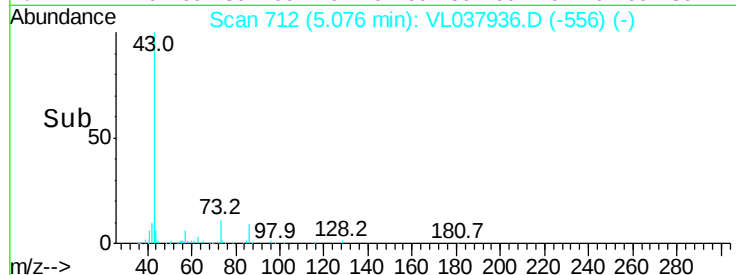
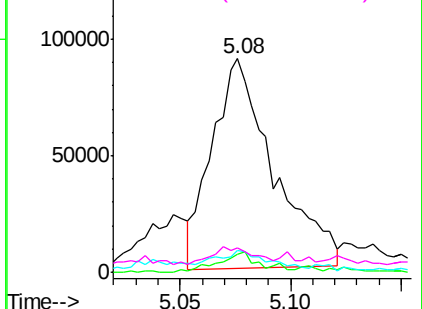


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 1.103 ppbv

RT: 5.01 min Scan# 691

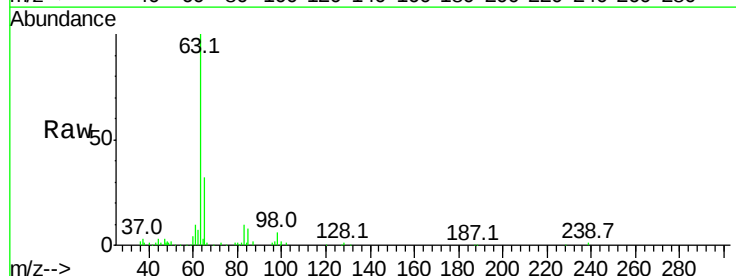
Delta R.T. -0.00 min

Lab File: VL037936.D

Acq: 1 Nov 2021 10:40

Tgt Ion: 63 Resp: 172462

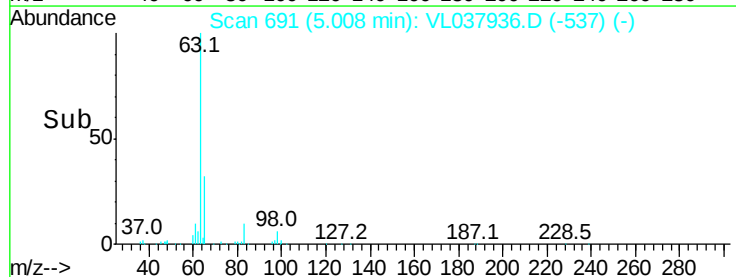
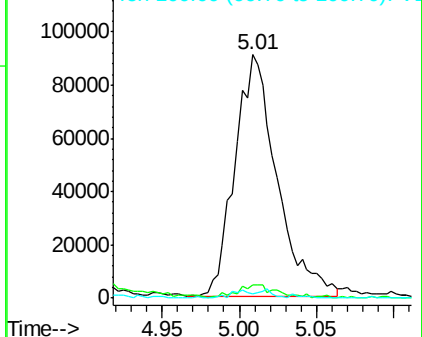
Ion	Ratio	Lower	Upper
63	100		
98	5.7	2.3	6.9
100	1.6	1.2	3.6

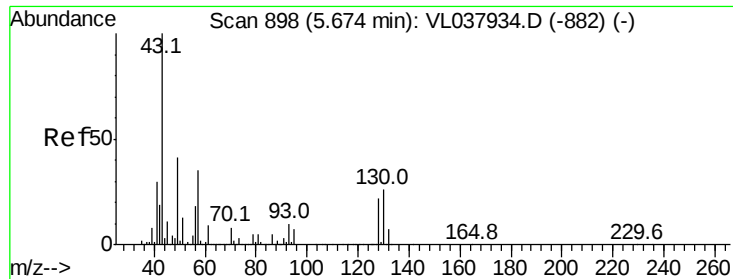


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

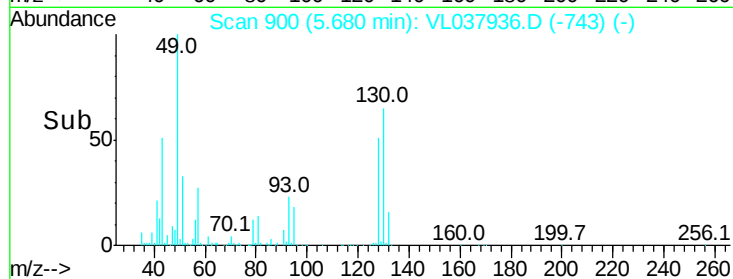
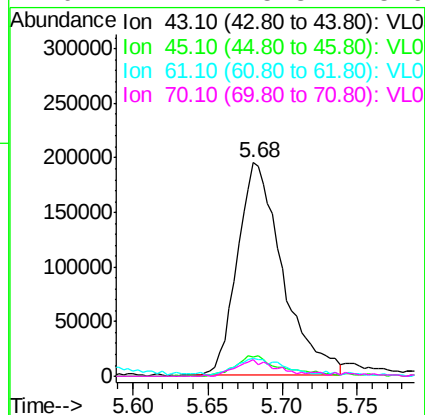
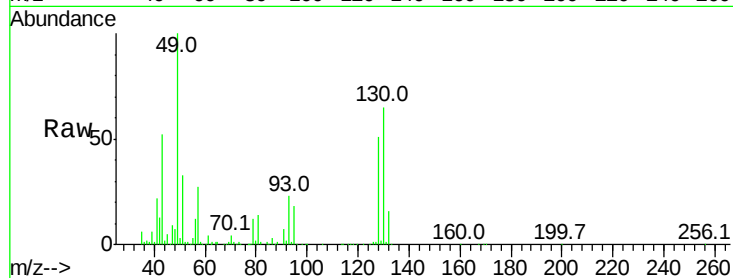
Ion 100.00 (99.70 to 100.70): VL0





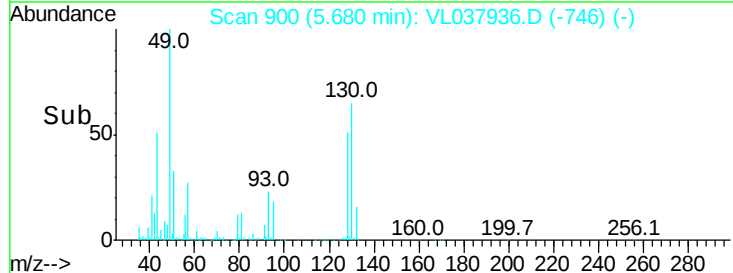
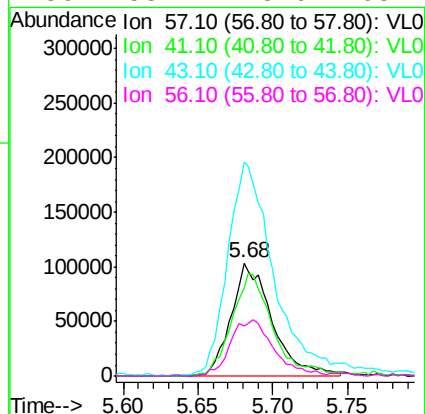
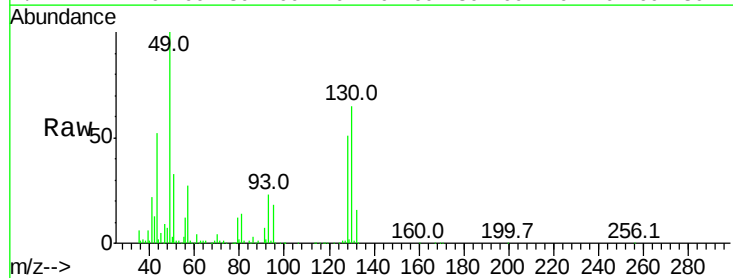
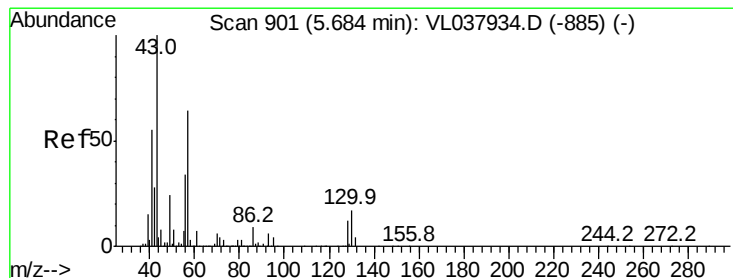
#25
Ethyl Acetate
Concen: 1.020 ppbv
RT: 5.68
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Nov 2021 10:40

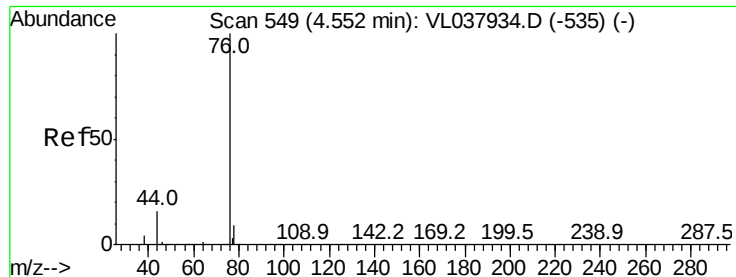
Tgt Ion:	43	Resp:	410309
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.1	12.1
61	9.7	8.1	12.1
70	7.4	5.8	8.6



#26
Hexane
Concen: 0.995 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL037936.D
Acq: 1 Nov 2021 10:40

Tgt Ion:	57	Resp:	197002
Ion	Ratio	Lower	Upper
57	100		
41	93.4	71.0	106.6
43	220.7	173.0	259.6
56	53.7	43.6	65.4





#27

Carbon Disulfide

Concen: 1.003 ppbv

RT: 4.55 Instrument: MSVOA_1

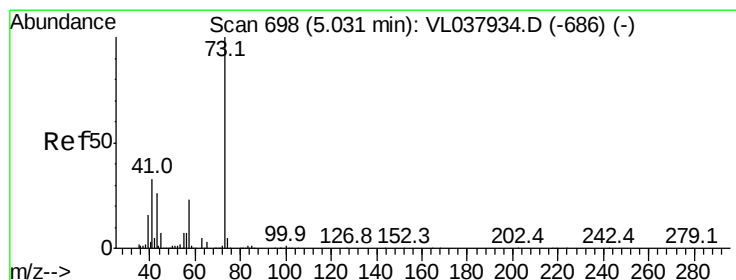
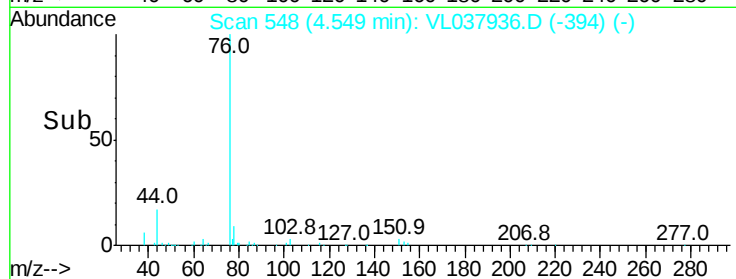
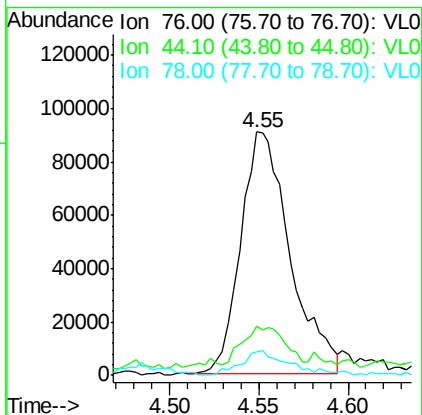
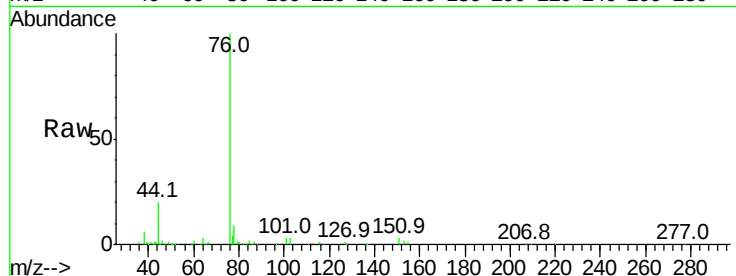
Delta R.T. ClientSampleId:

Lab File: VSTDIC001

Acq: 1 Nov 2021 10:40

Tgt Ion: 76 Resp: 176080

Ion	Ratio	Lower	Upper
76	100		
44	20.3	13.2	19.8#
78	9.9	7.2	10.8



#28

Methyl tert-Butyl Ether

Concen: 0.481 ppbv

RT: 5.04 min Scan# 700

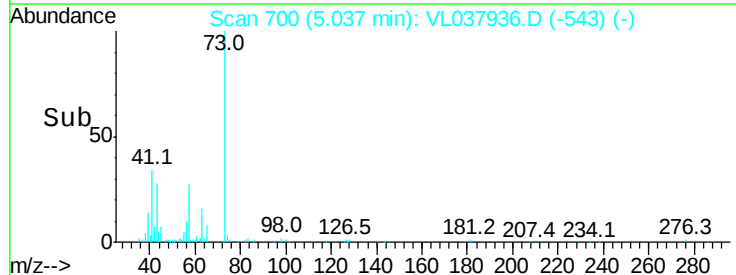
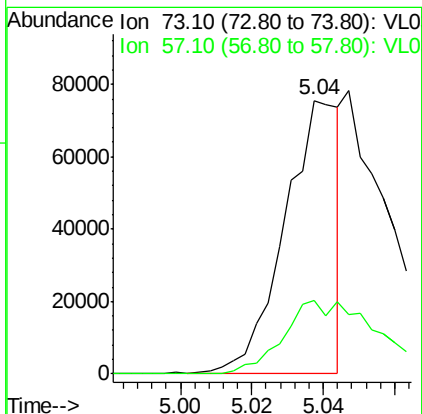
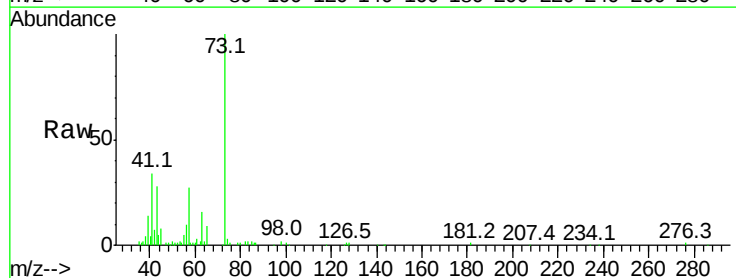
Delta R.T. 0.01 min

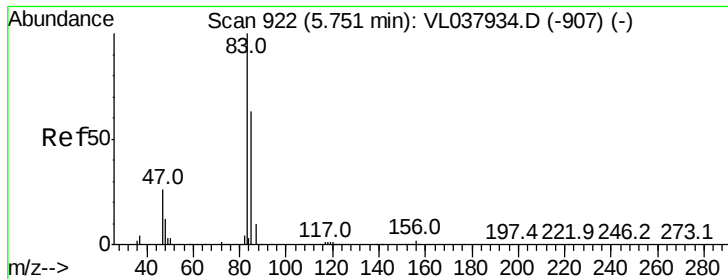
Lab File: VL037936.D

Acq: 1 Nov 2021 10:40

Tgt Ion: 73 Resp: 79382

Ion	Ratio	Lower	Upper
73	100		
57	55.6	20.1	30.1#





#29

Chloroform

Concen: 0.559 ppbv

RT: 5.75 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

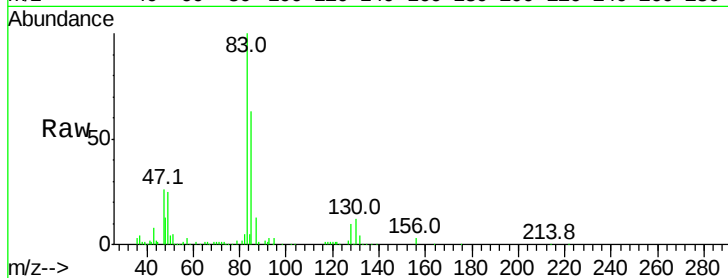
Acq: 1 Nov 2021 10:40 VSTDIC001

Tgt Ion: 83 Resp: 158260

Ion Ratio Lower Upper

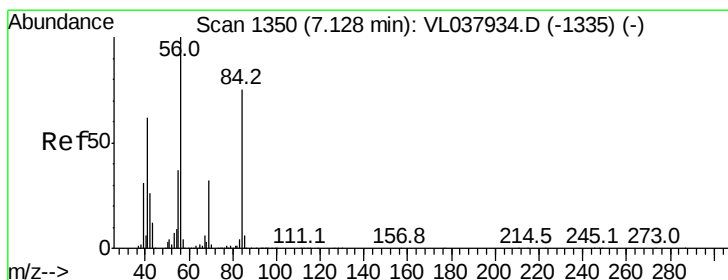
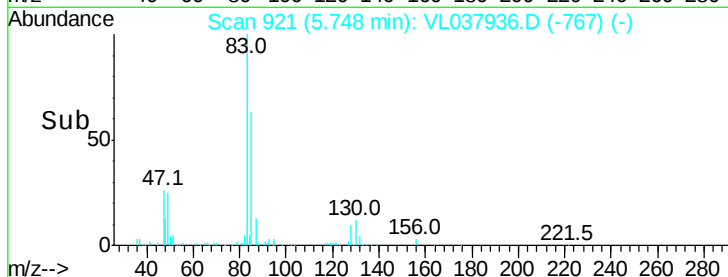
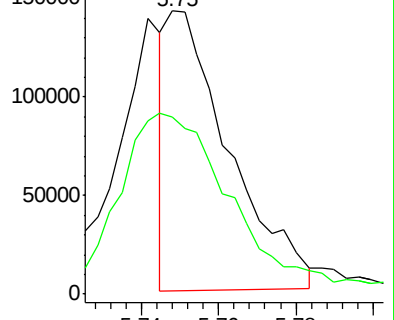
83 100

85 60.0 50.6 76.0



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#30

Cyclohexane

Concen: 0.894 ppbv

RT: 7.13 min Scan# 1351

Delta R.T. 0.00 min

Lab File: VL037936.D

Acq: 1 Nov 2021 10:40

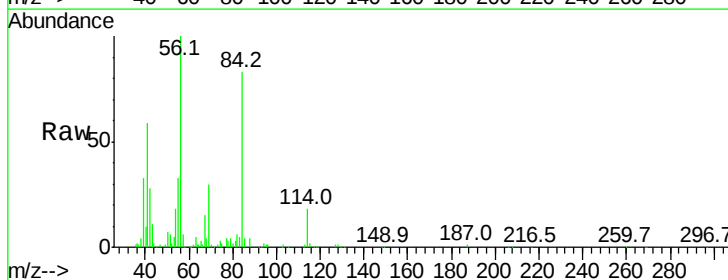
Tgt Ion: 84 Resp: 150131

Ion Ratio Lower Upper

84 100

56 201.5 114.0 171.0#

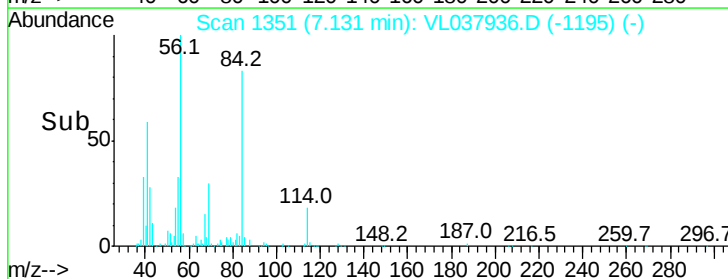
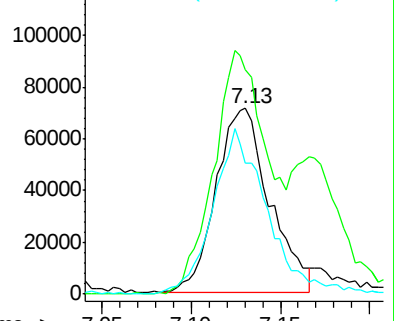
41 91.0 68.3 102.5

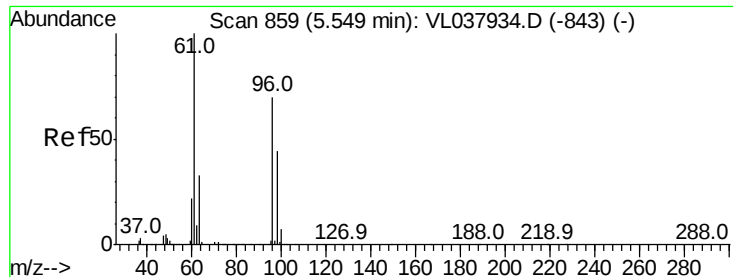


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0





#31

cis-1,2-Dichloroethene

Concen: 0.502 ppbv

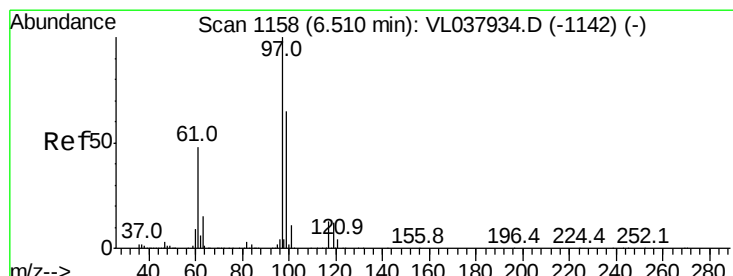
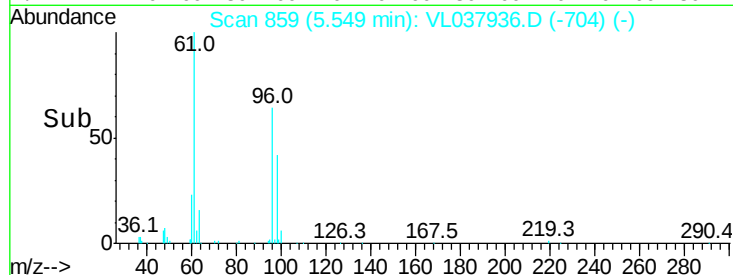
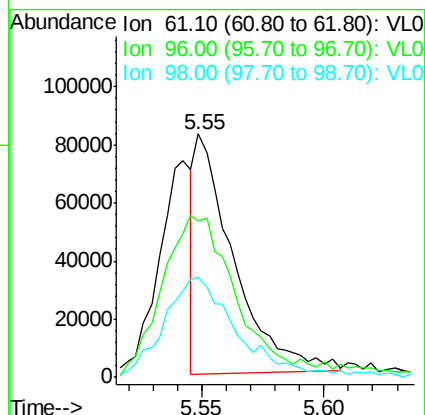
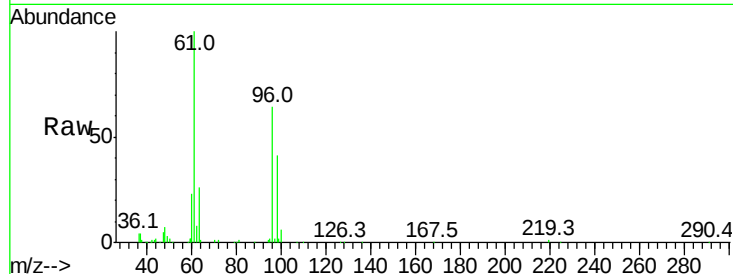
RT: 5.55 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC001

Acq: 1 Nov 2021 10:40

Tgt Ion	Ratio	Lower	Upper
61	100		
96	61.7	55.6	83.4
98	40.2	34.9	52.3



#32

1,1,1-Trichloroethane

Concen: 0.970 ppbv

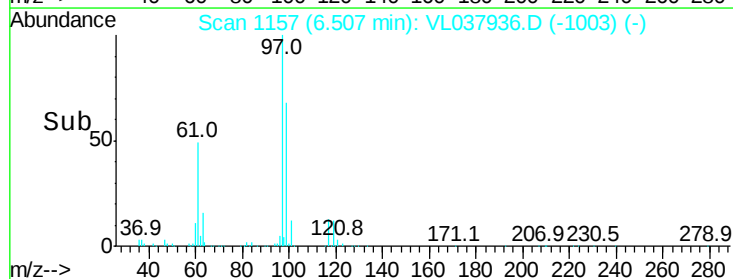
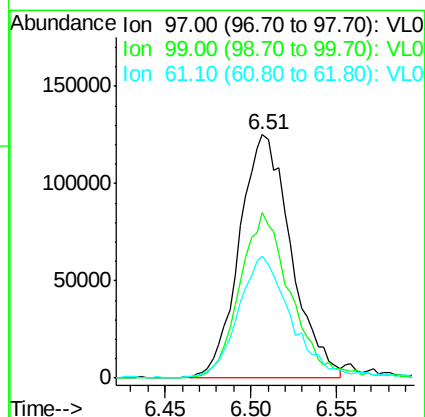
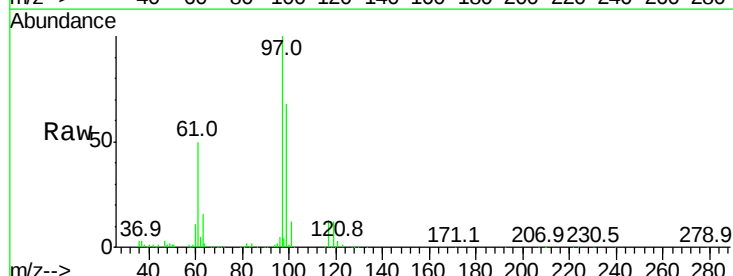
RT: 6.51 min Scan# 1157

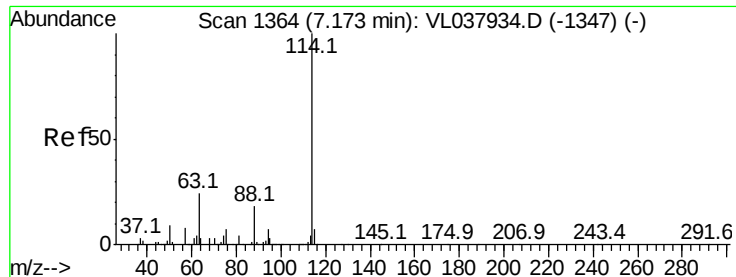
Delta R.T. -0.00 min

Lab File: VL037936.D

Acq: 1 Nov 2021 10:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	68.4	52.2	78.4
61	52.7	39.8	59.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17

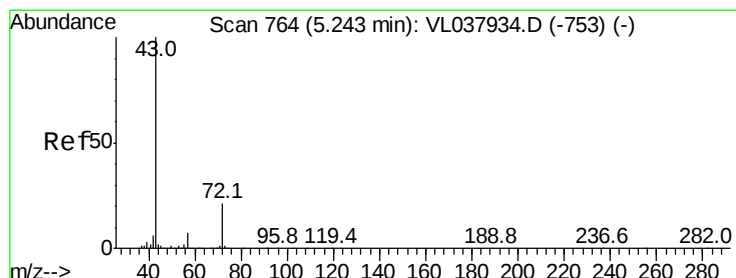
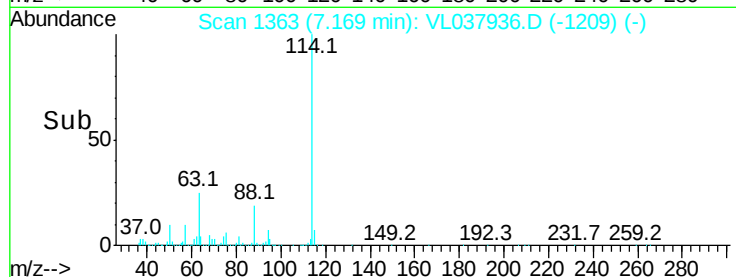
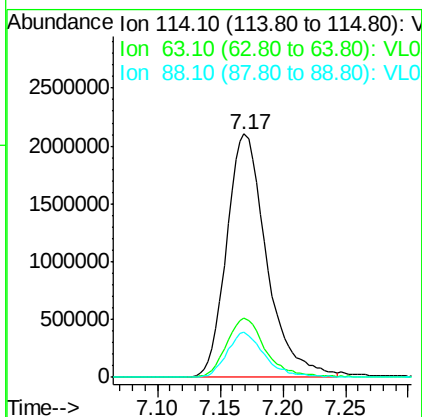
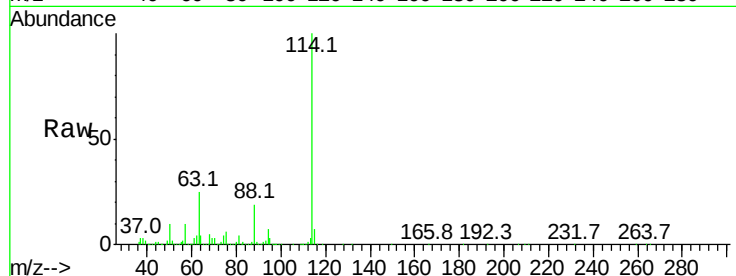
Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 1 Nov 2021 10:40

Tgt Ion:114 Resp: 4667842

Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.4	29.0
88	17.7	14.2	21.4



#34

2-Butanone

Concen: 0.830 ppbv

RT: 5.25 min Scan# 766

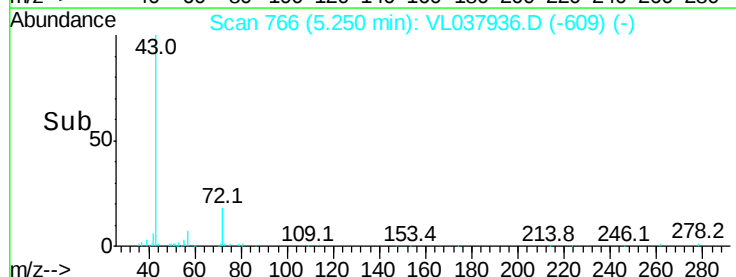
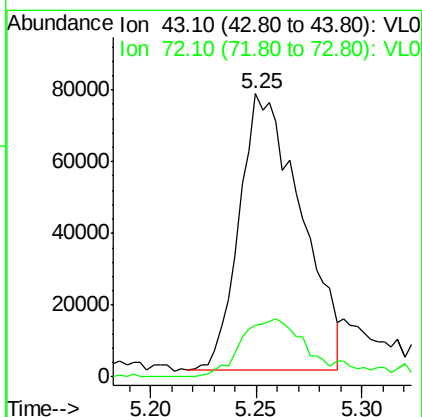
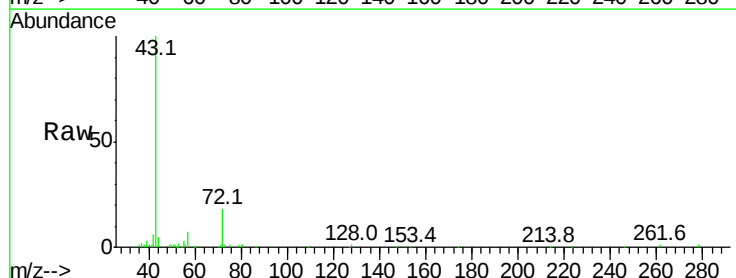
Delta R.T. 0.01 min

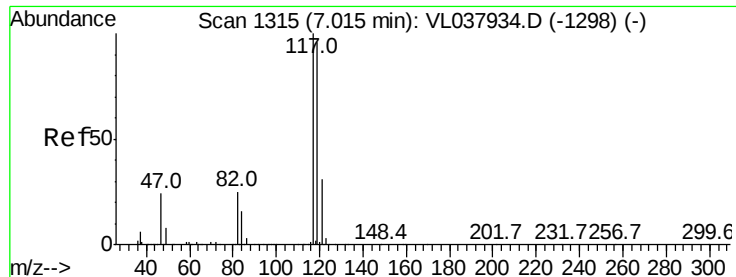
Lab File: VL037936.D

Acq: 1 Nov 2021 10:40

Tgt Ion: 43 Resp: 156469

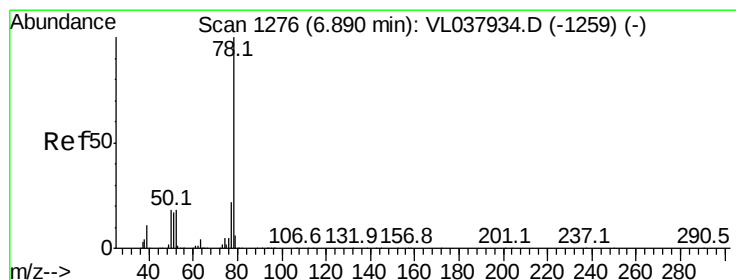
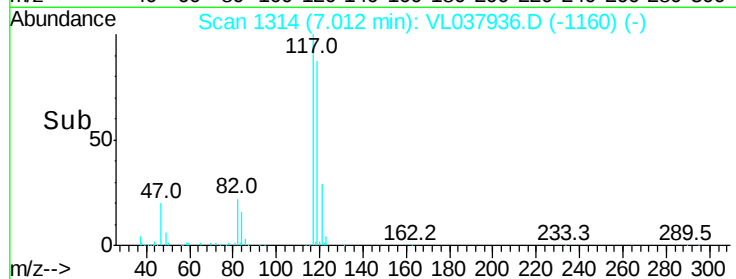
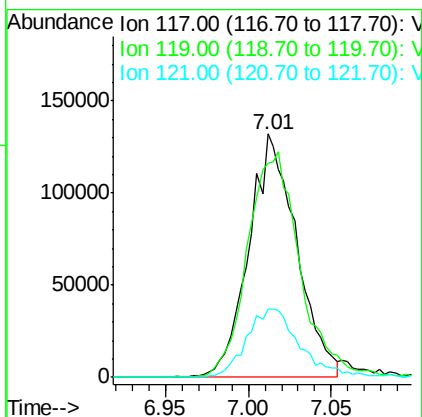
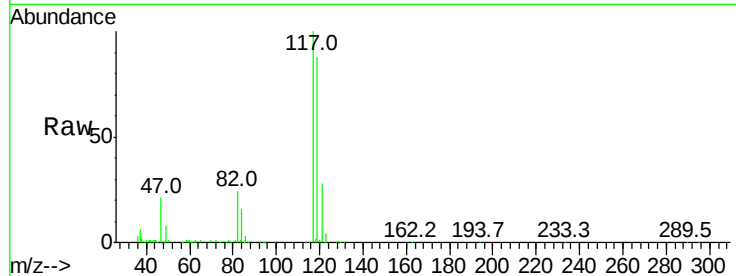
Ion	Ratio	Lower	Upper
43	100		
72	27.6	18.3	27.5#





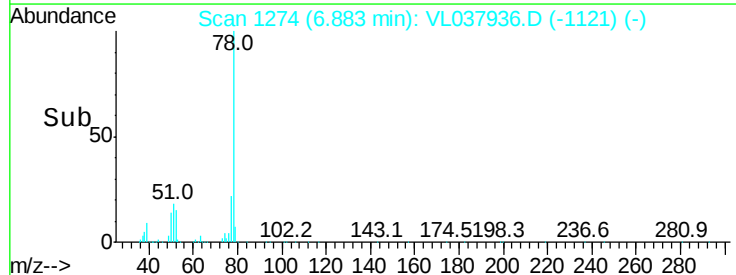
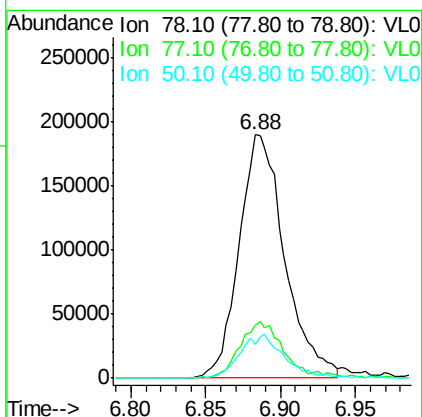
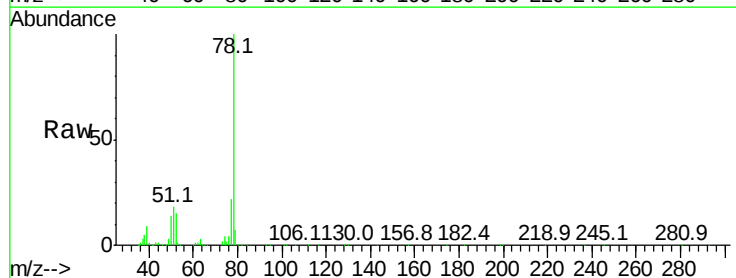
#35
Carbon Tetrachloride
Concen: 0.997 ppbv
RT: 7.01
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Nov 2021 10:40

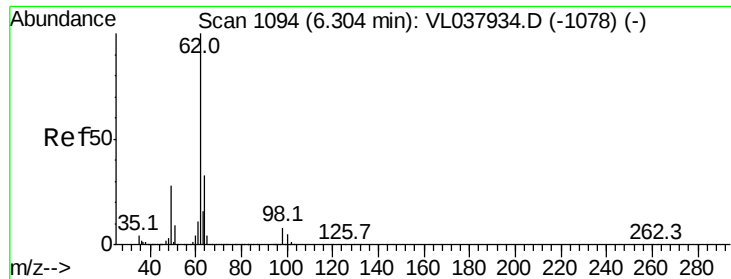
Tgt Ion: 117 Resp: 264202
Ion Ratio Lower Upper
117 100
119 88.0 76.6 114.8
121 28.3 25.1 37.7



#36
Benzene
Concen: 1.007 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VL037936.D
Acq: 1 Nov 2021 10:40

Tgt Ion: 78 Resp: 401480
Ion Ratio Lower Upper
78 100
77 21.7 17.9 26.9
50 13.5 14.4 21.6#





#37

1,2-Dichloroethane

Concen: 0.983 ppbv

RT: 6.30 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC001

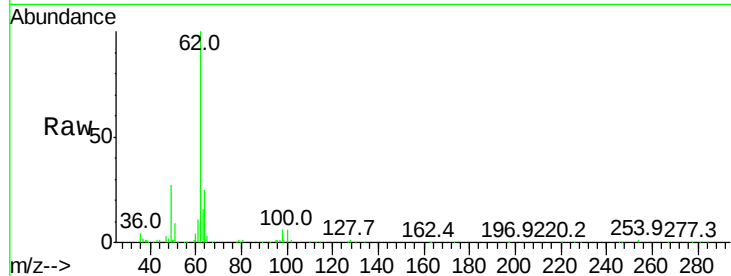
Acq: 1 Nov 2021 10:40

Tgt Ion: 62 Resp: 184590

Ion Ratio Lower Upper

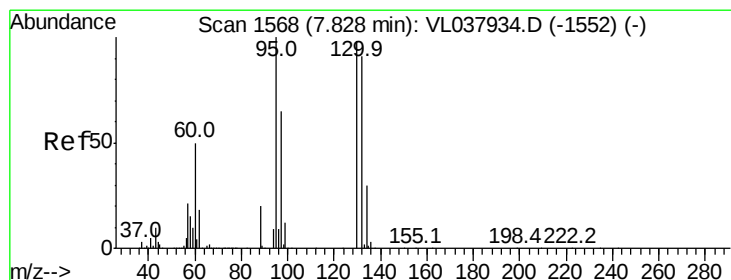
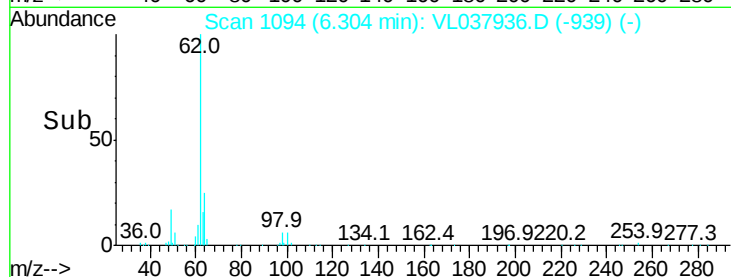
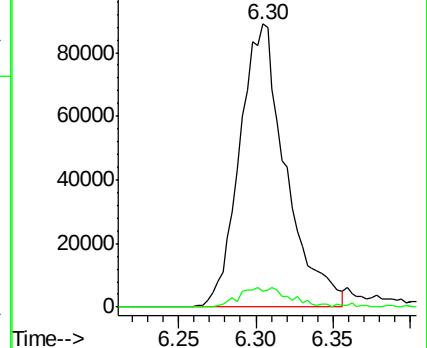
62 100

98 8.2 6.5 9.7



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#38

Trichloroethene

Concen: 0.949 ppbv

RT: 7.83 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VL037936.D

Acq: 1 Nov 2021 10:40

Tgt Ion: 130 Resp: 149405

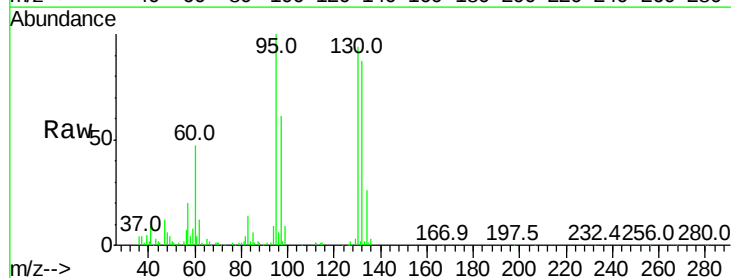
Ion Ratio Lower Upper

130 100

95 106.4 81.8 122.8

132 93.6 74.2 111.2

97 64.3 53.4 80.2

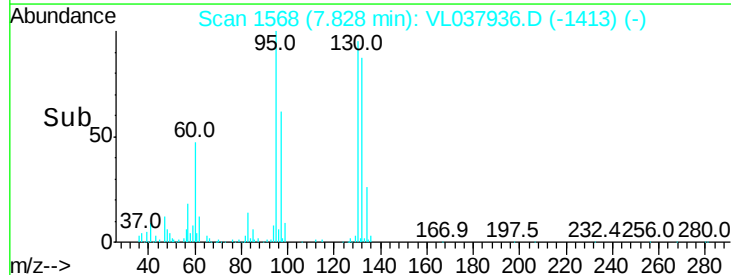
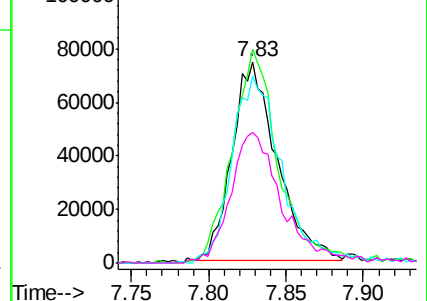


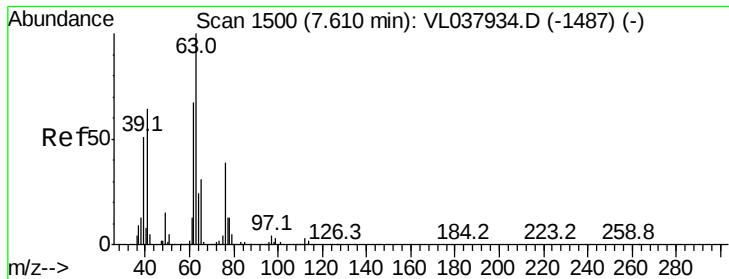
Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0





#39

1,2-Dichloropropane

Concen: 0.926 ppbv

RT: 7.61

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 1 Nov 2021 10:40

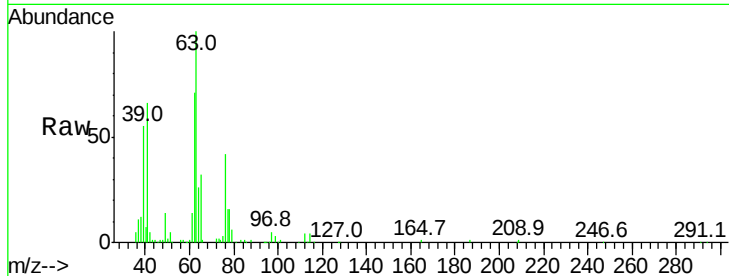
Tgt Ion: 63 Resp: 138880

Ion Ratio Lower Upper

63 100

41 65.1 51.6 77.4

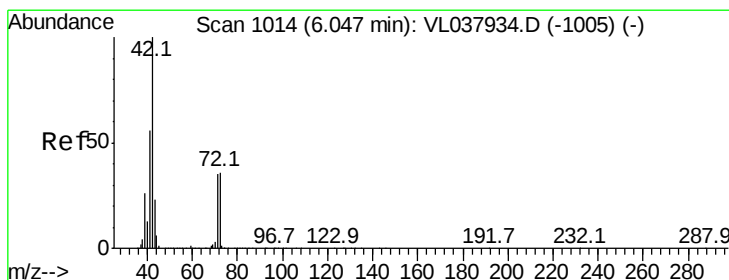
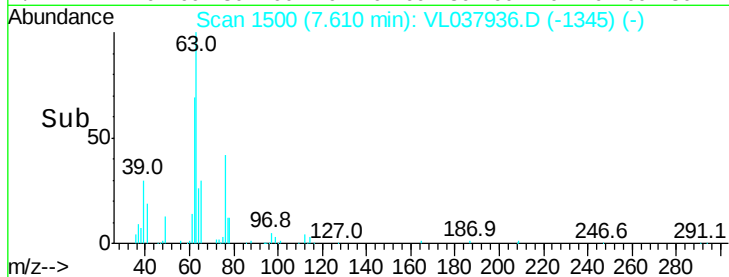
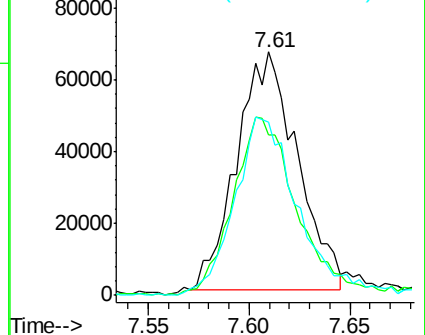
62 70.0 53.5 80.3



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#41

Tetrahydrofuran

Concen: 0.401 ppbv

RT: 6.07 min Scan# 1020

Delta R.T. 0.02 min

Lab File: VL037936.D

Acq: 1 Nov 2021 10:40

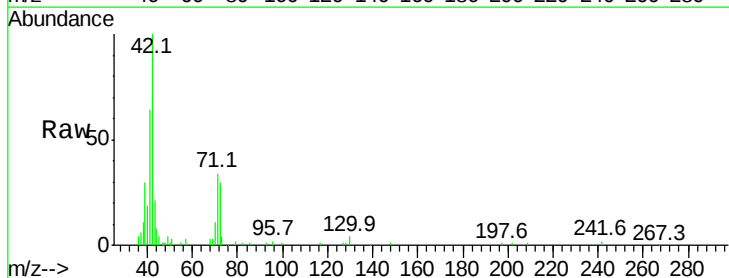
Tgt Ion: 42 Resp: 36983

Ion Ratio Lower Upper

42 100

72 0.0 31.5 47.3#

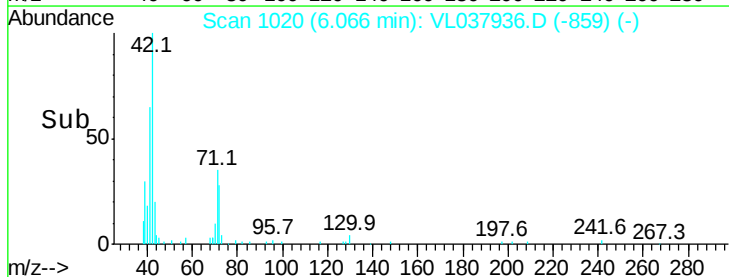
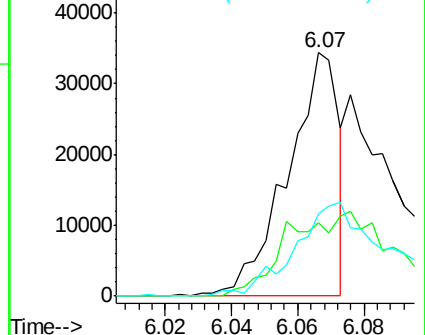
71 0.0 30.5 45.7#

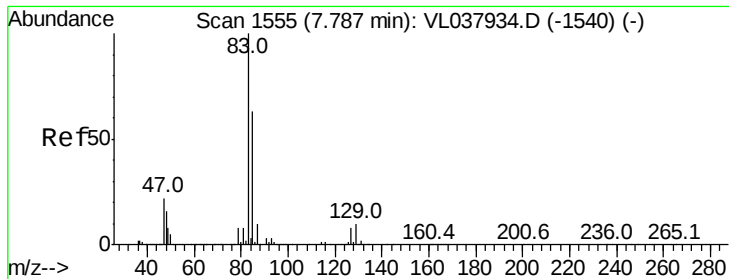


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0





#42

Bromodichloromethane

Concen: 1.009 ppbv

RT: 7.78 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDIC001

Acq: 1 Nov 2021 10:40

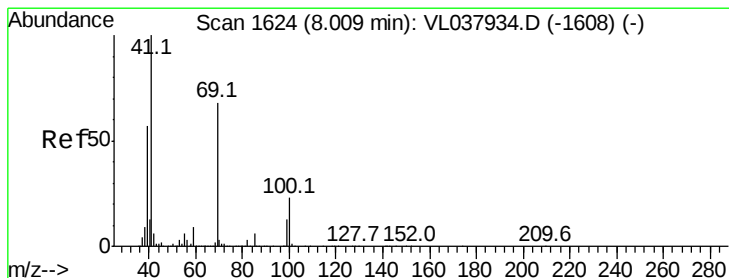
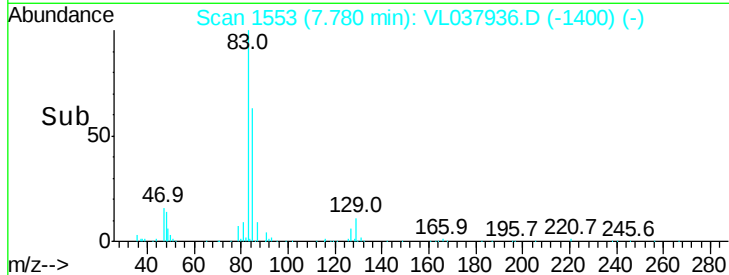
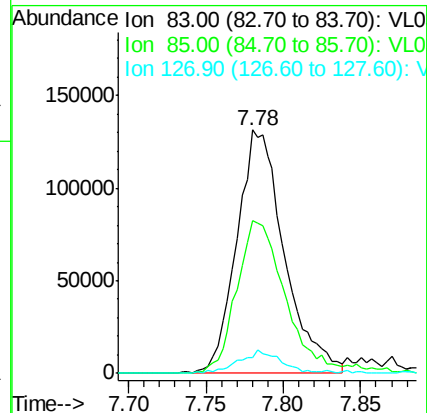
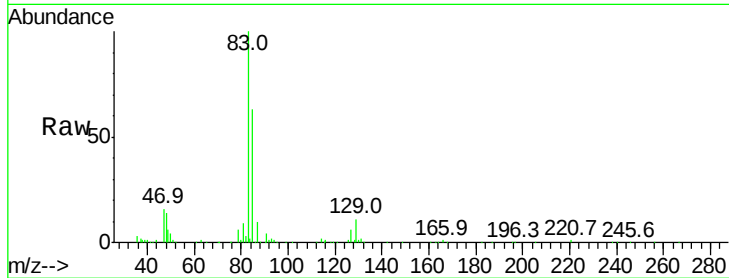
Tgt Ion: 83 Resp: 278311

Ion Ratio Lower Upper

83 100

85 62.6 50.1 75.1

127 5.9 6.1 9.1#



#43

Methyl Methacrylate

Concen: 0.455 ppbv

RT: 8.01 min Scan# 1625

Delta R.T. 0.00 min

Lab File: VL037936.D

Acq: 1 Nov 2021 10:40

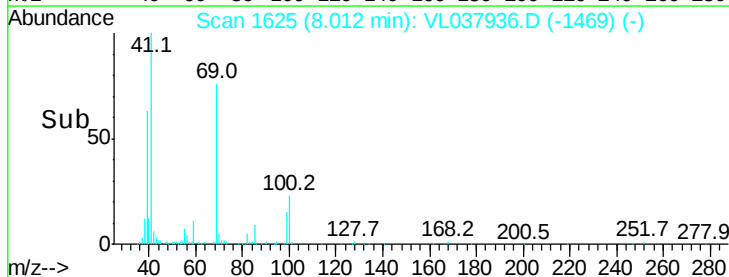
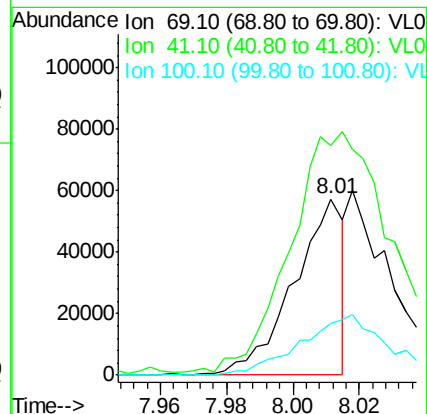
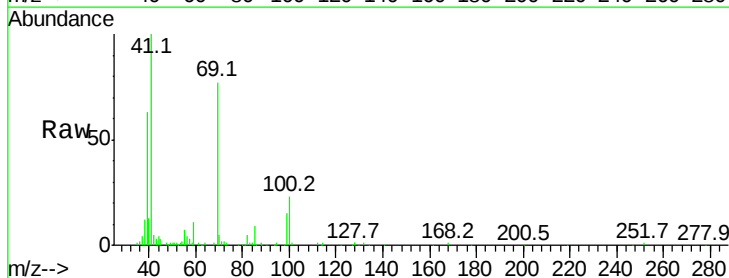
Tgt Ion: 69 Resp: 59257

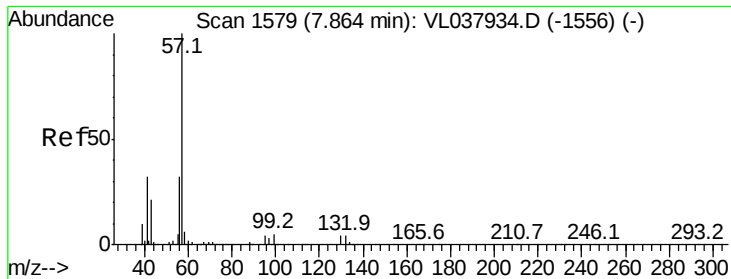
Ion Ratio Lower Upper

69 100

41 0.0 117.4 176.2#

100 0.0 27.8 41.6#





#44

2,2,4-Trimethylpentane

Concen: 1.050 ppbv

RT: 7.87 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 1 Nov 2021 10:40 VSTDIC001

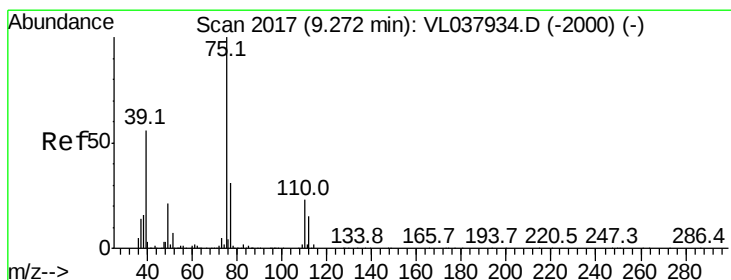
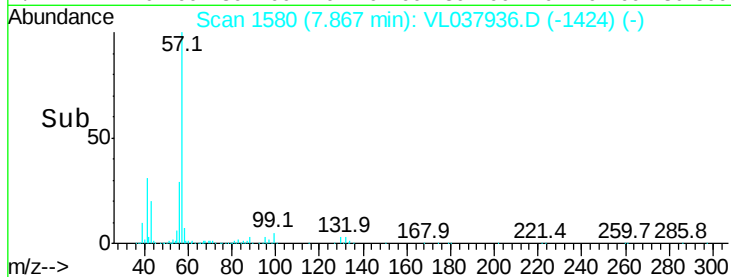
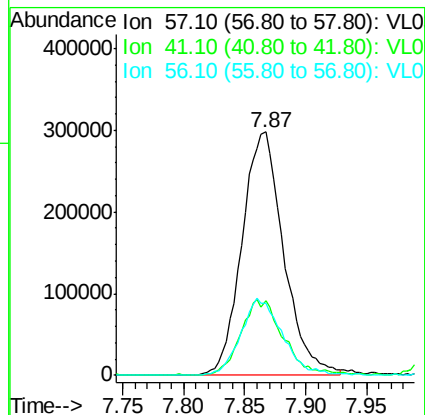
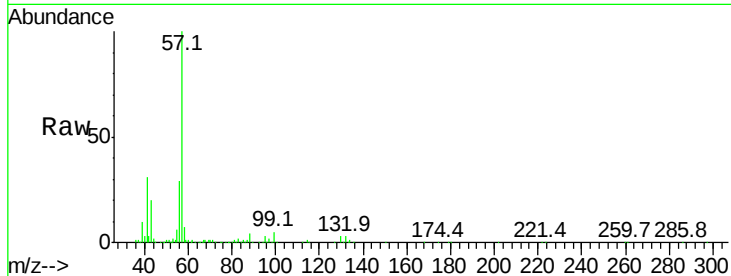
Tgt Ion: 57 Resp: 703521

Ion Ratio Lower Upper

57 100

41 32.2 25.8 38.8

56 31.6 25.9 38.9



#45

t-1,3-Dichloropropene

Concen: 0.786 ppbv

RT: 9.28 min Scan# 2018

Delta R.T. 0.00 min

Lab File: VL037936.D

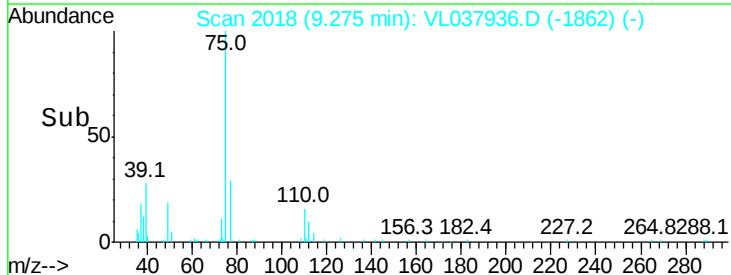
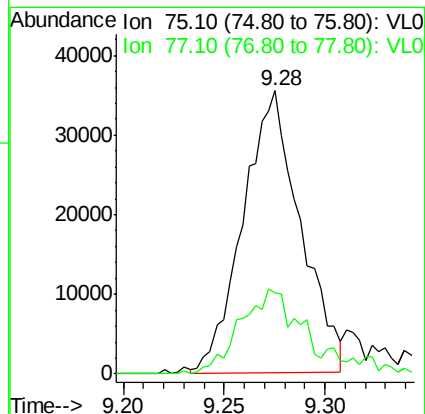
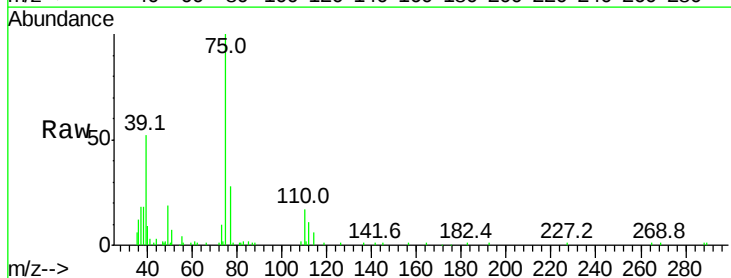
Acq: 1 Nov 2021 10:40

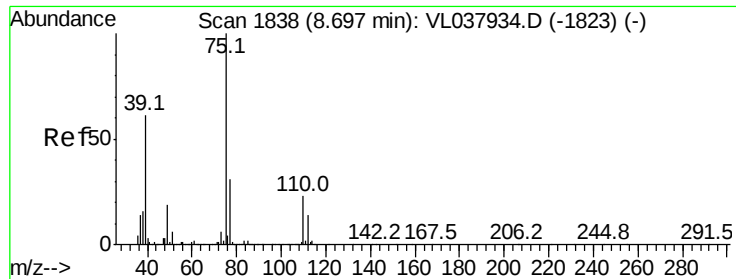
Tgt Ion: 75 Resp: 70446

Ion Ratio Lower Upper

75 100

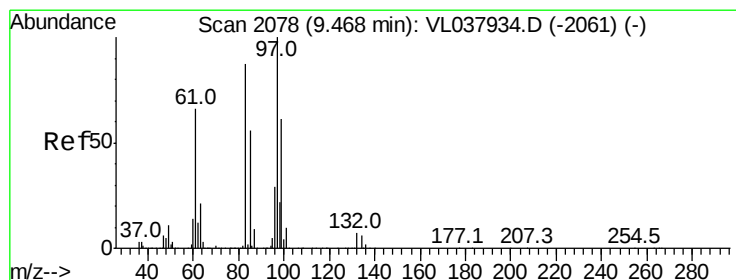
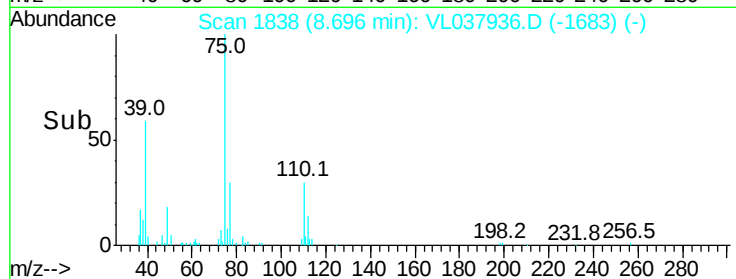
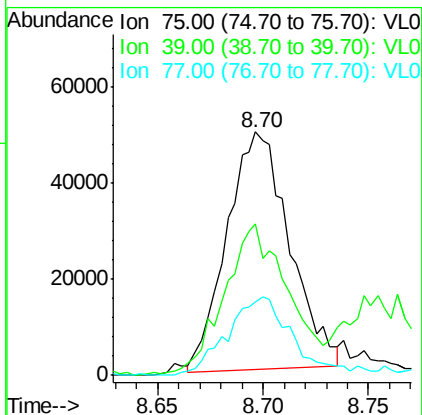
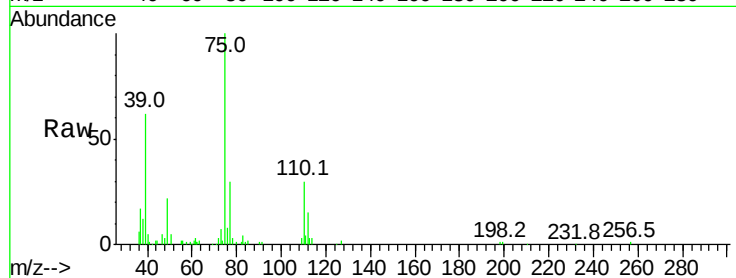
77 28.5 25.2 37.8





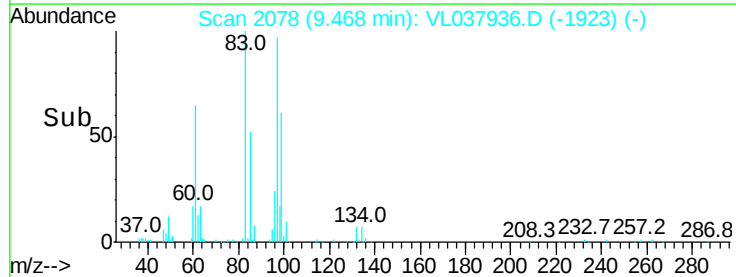
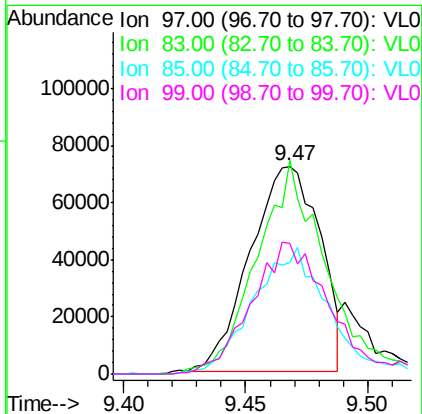
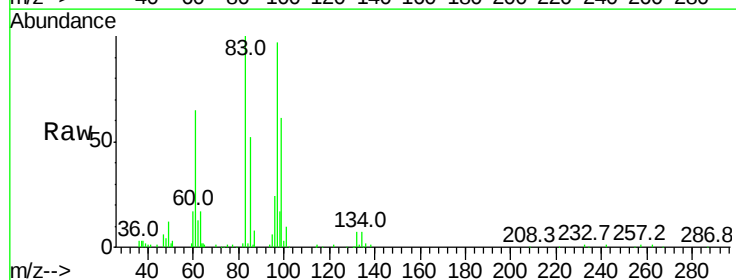
#46
 cis-1,3-Dichloropropene
 Concen: 0.825 ppbv
 RT: 8.70
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 1 Nov 2021 10:40

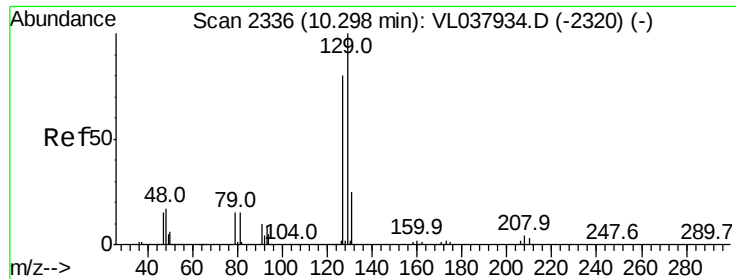
Tgt Ion	Ratio	Lower	Upper
75	100		
39	59.6	48.8	73.2
77	30.0	24.6	36.8



#47
 1,1,2-Trichloroethane
 Concen: 0.877 ppbv
 RT: 9.47 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: VL037936.D
 Acq: 1 Nov 2021 10:40

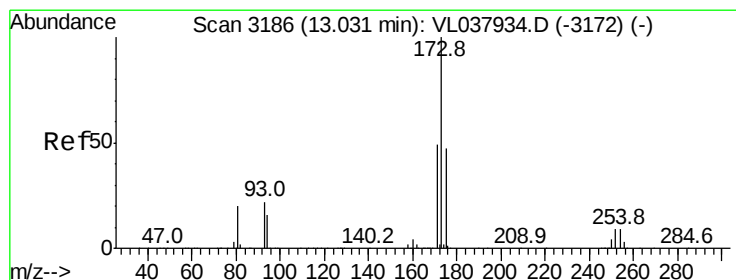
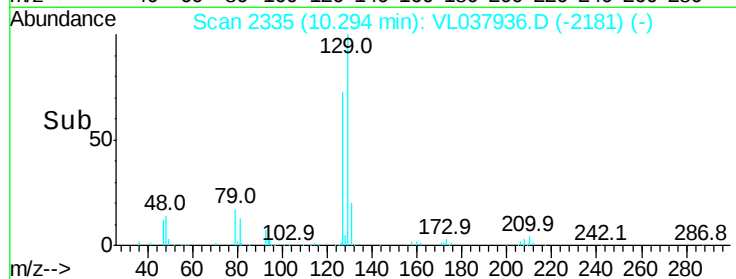
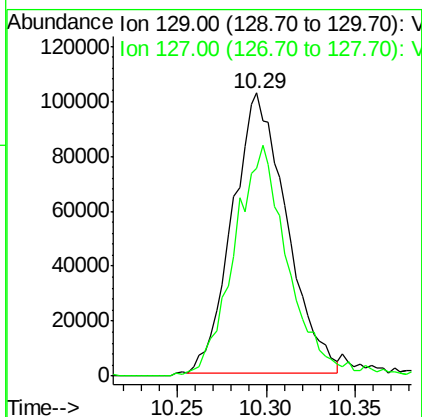
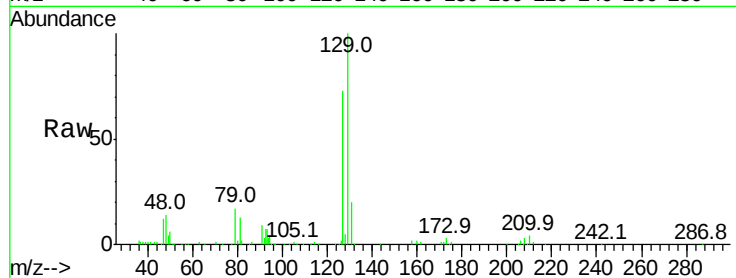
Tgt Ion	Ratio	Lower	Upper
97	100		
83	101.5	69.4	104.2
85	53.5	45.0	67.6
99	62.5	48.7	73.1





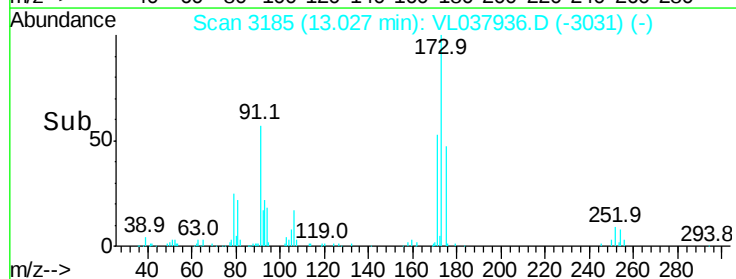
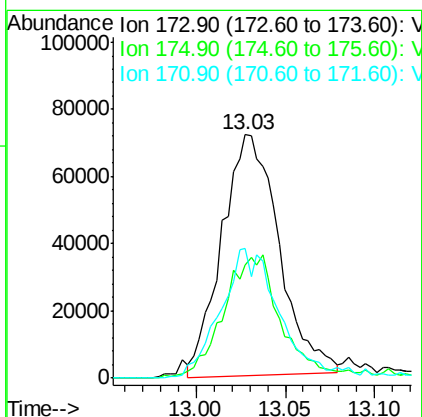
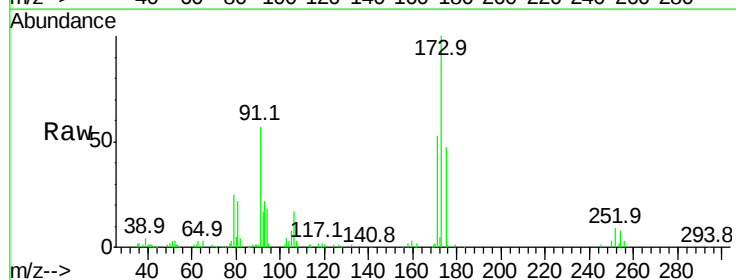
#48
 Dibromochloromethane
 Concen: 0.928 ppbv
 RT: 10.29 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 1 Nov 2021 10:40

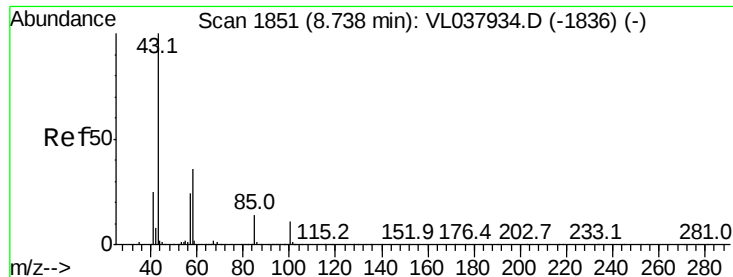
Tgt Ion:129 Resp: 215738
 Ion Ratio Lower Upper
 129 100
 127 83.4 40.3 120.9



#49
 Bromoform
 Concen: 0.906 ppbv
 RT: 13.03 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: VL037936.D
 Acq: 1 Nov 2021 10:40

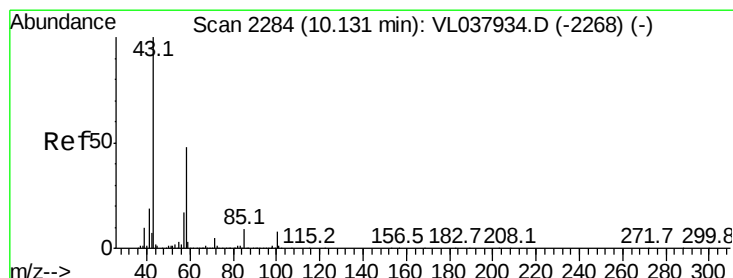
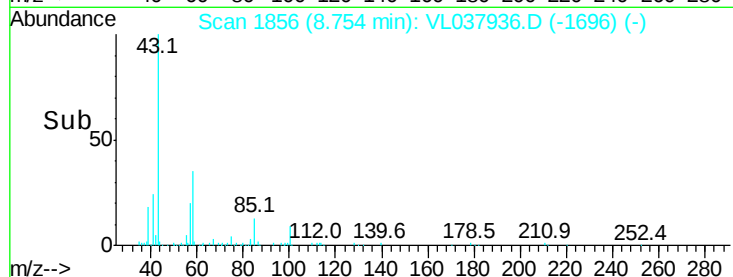
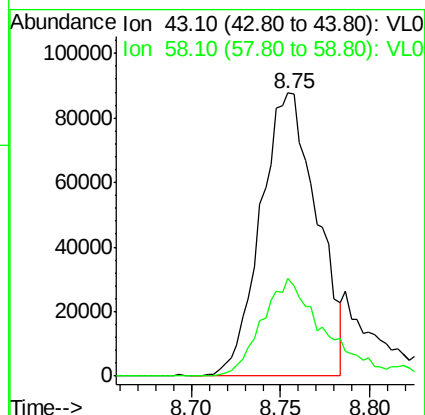
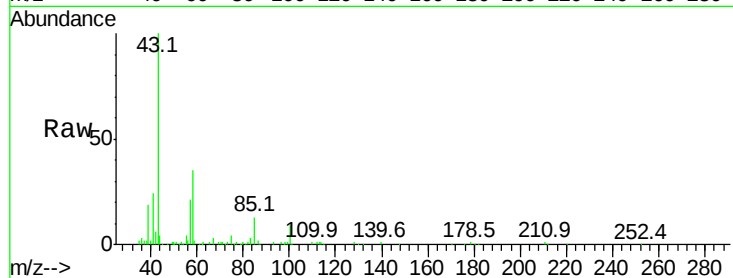
Tgt Ion:173 Resp: 161147
 Ion Ratio Lower Upper
 173 100
 175 54.1 39.5 59.3
 171 56.5 43.6 65.4





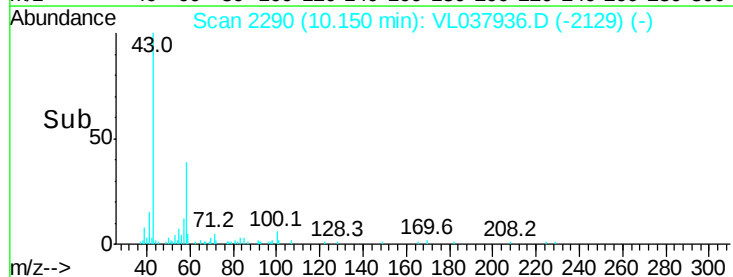
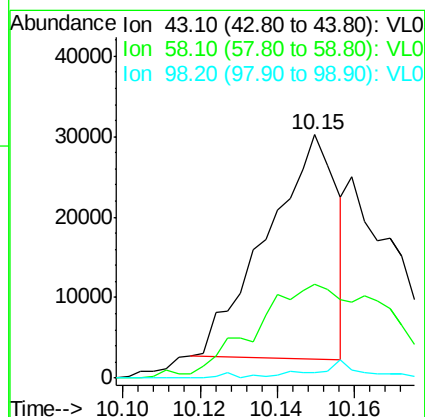
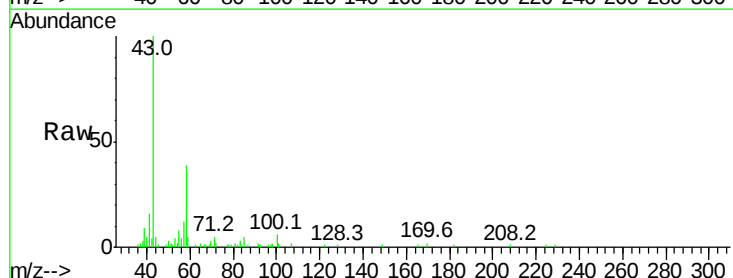
#50
 4-Methyl-2-Pentanone
 Concen: 0.785 ppbv
 RT: 8.75
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 1 Nov 2021 10:40

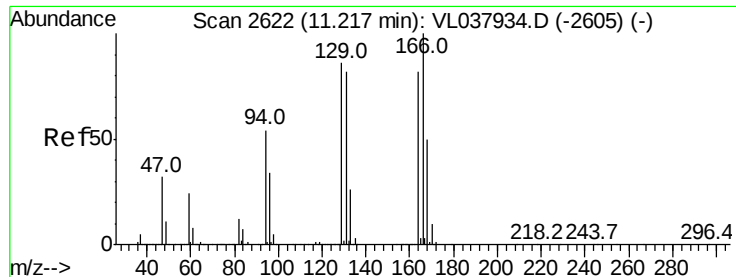
Tgt Ion: 43 Resp: 192617
 Ion Ratio Lower Upper
 43 100
 58 41.1 28.8 43.2



#51
 2-Hexanone
 Concen: 0.320 ppbv
 RT: 10.15 min Scan# 2290
 Delta R.T. 0.02 min
 Lab File: VL037936.D
 Acq: 1 Nov 2021 10:40

Tgt Ion: 43 Resp: 35011
 Ion Ratio Lower Upper
 43 100
 58 108.3 38.6 57.8#
 98 0.0 1.0 1.4#





#52

Tetrachloroethene

Concen: 0.920 ppbv

RT: 11.22

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 1 Nov 2021 10:40

Tgt Ion: 164 Resp: 142705

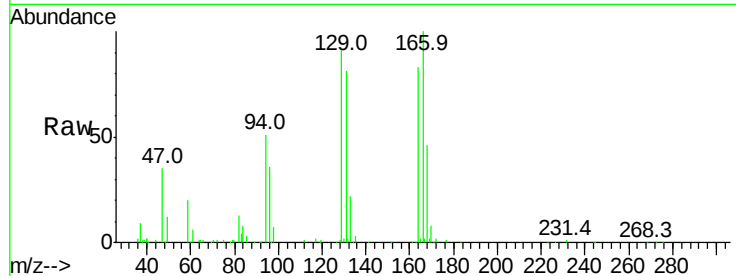
Ion Ratio Lower Upper

164 100

166 119.1 97.6 146.4

129 108.3 84.2 126.2

131 96.0 79.6 119.4

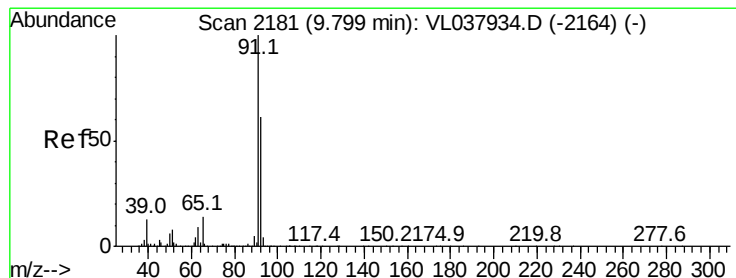
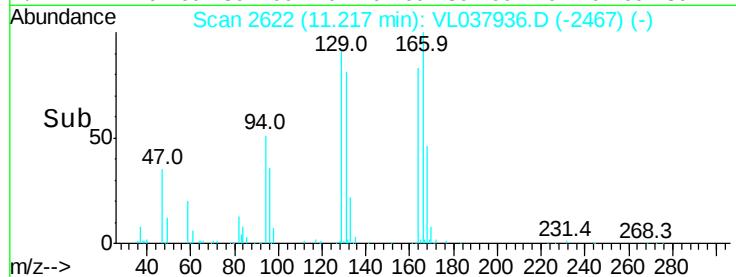
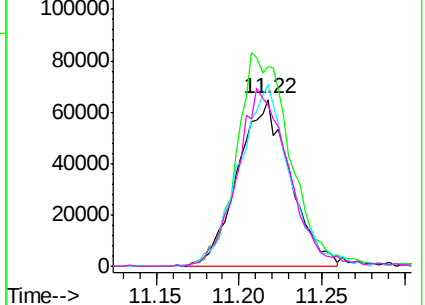


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 0.907 ppbv

RT: 9.80 min Scan# 2180

Delta R.T. -0.00 min

Lab File: VL037936.D

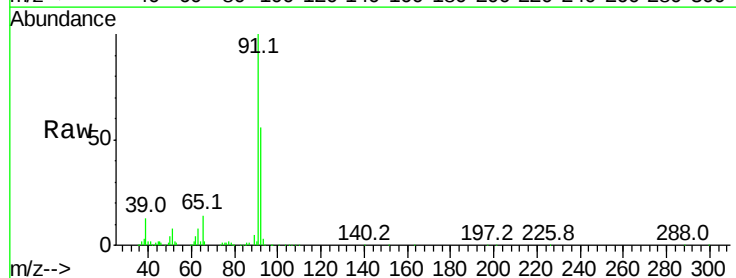
Acq: 1 Nov 2021 10:40

Tgt Ion: 91 Resp: 400632

Ion Ratio Lower Upper

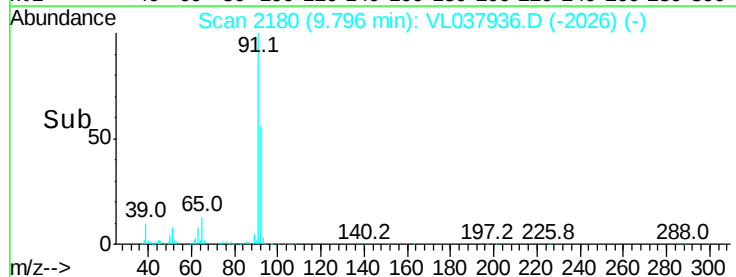
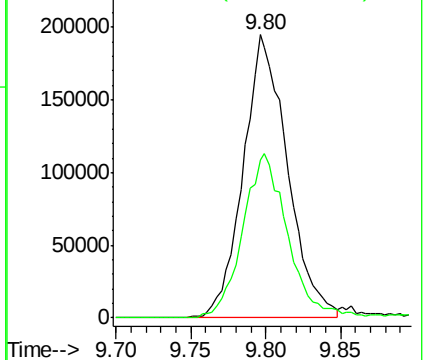
91 100

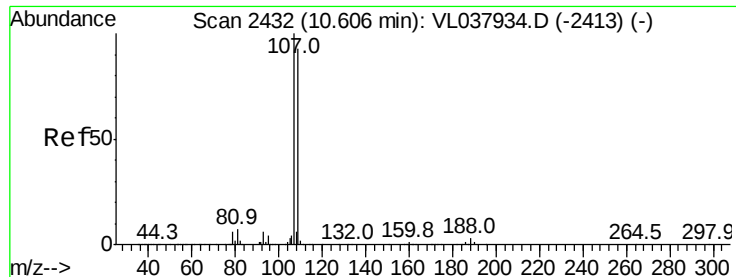
92 59.9 48.2 72.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

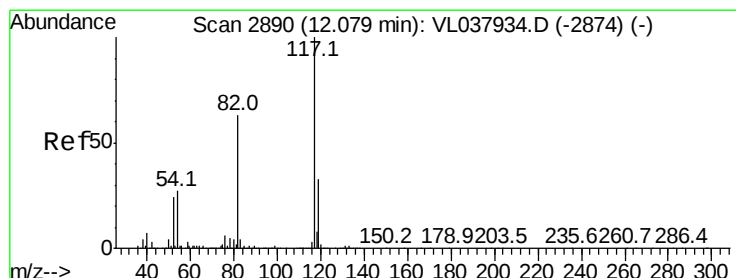
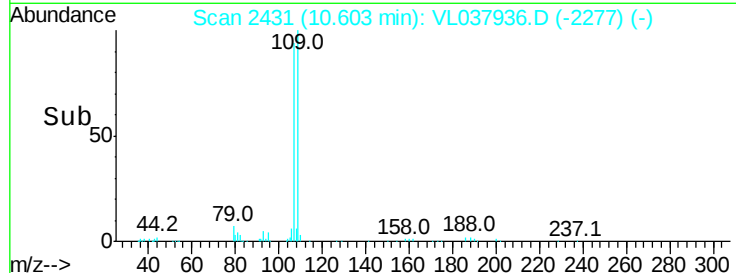
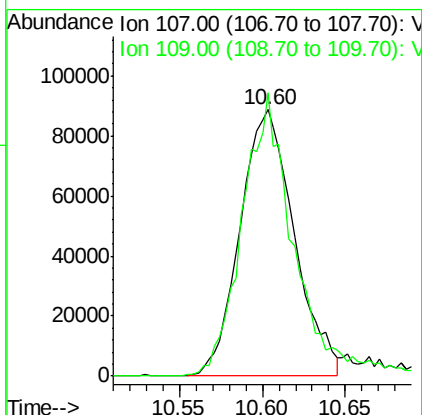
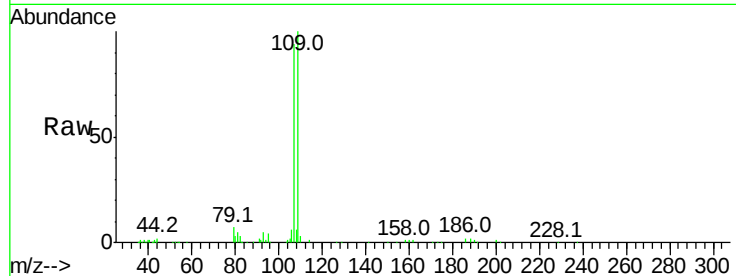
Ion 92.10 (91.80 to 92.80): VL0





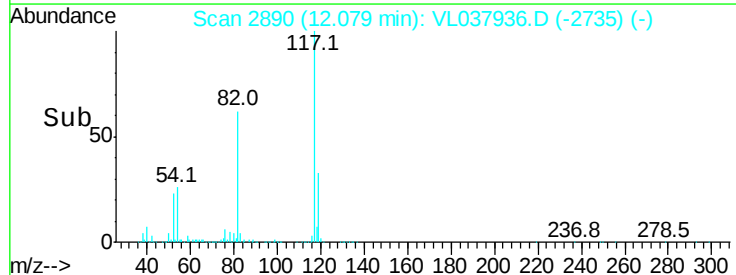
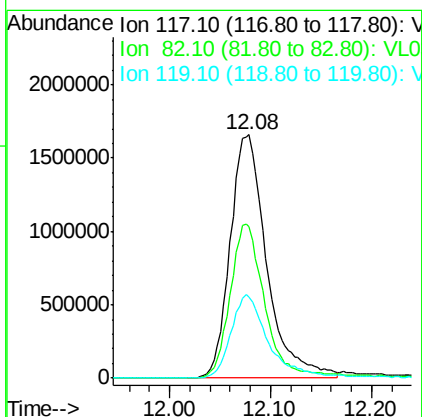
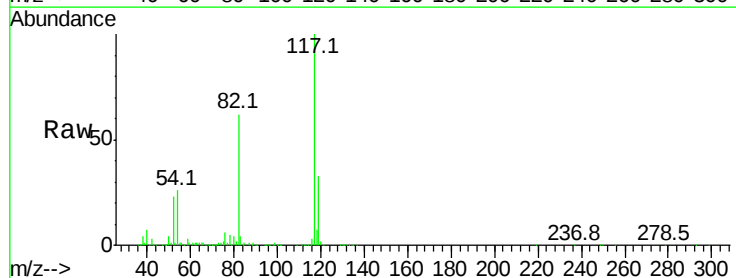
#54
 1,2-Dibromoethane
 Concen: 0.916 ppbv
 RT: 10.60 min
 Delta R.T.: MSVOA_1
 Lab File: ClientSampleId : VSTDIC001
 Acq: 1 Nov 2021 10:40

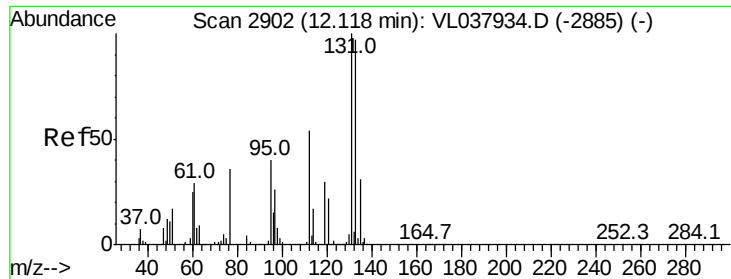
Tgt Ion:107 Resp: 201753
 Ion Ratio Lower Upper
 107 100
 109 105.6 74.5 111.7



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2890
 Delta R.T.: -0.00 min
 Lab File: VL037936.D
 Acq: 1 Nov 2021 10:40

Tgt Ion:117 Resp: 4189130
 Ion Ratio Lower Upper
 117 100
 82 61.7 51.0 76.6
 119 36.0 26.9 40.3





#56

1,1,1,2-Tetrachloroethane

Concen: 1.039 ppbv

RT: 12.11

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Nov 2021 10:40

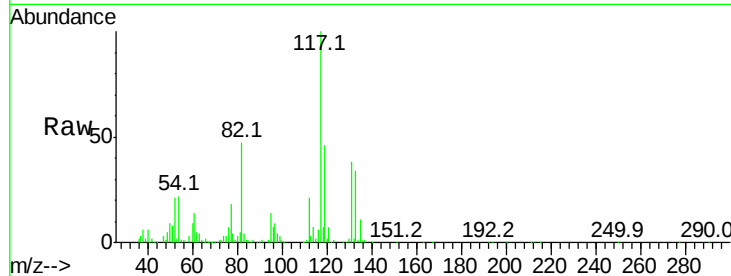
Tgt Ion: 131 Resp: 180186

Ion Ratio Lower Upper

131 100

133 100.7 79.6 119.4

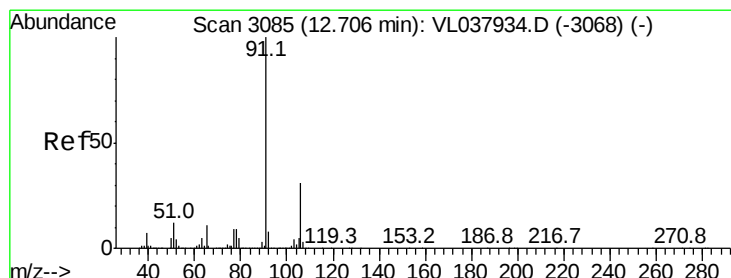
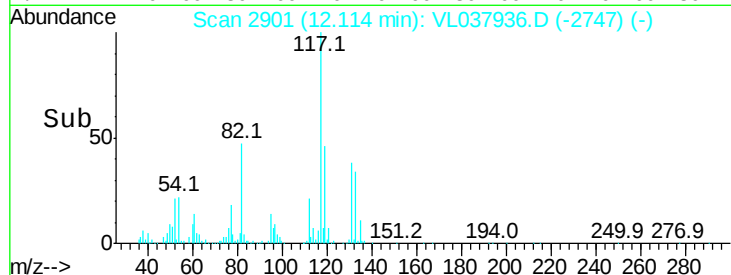
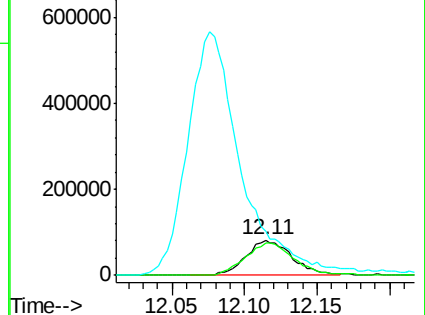
119 833.9 125.4 188.2#



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#58

Ethyl Benzene

Concen: 0.929 ppbv

RT: 12.70 min Scan# 3083

Delta R.T. -0.01 min

Lab File: VL037936.D

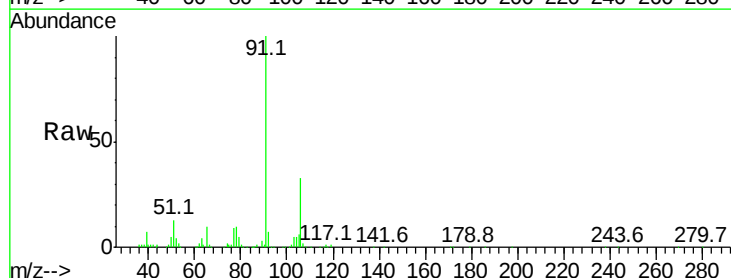
Acq: 1 Nov 2021 10:40

Tgt Ion: 91 Resp: 522590

Ion Ratio Lower Upper

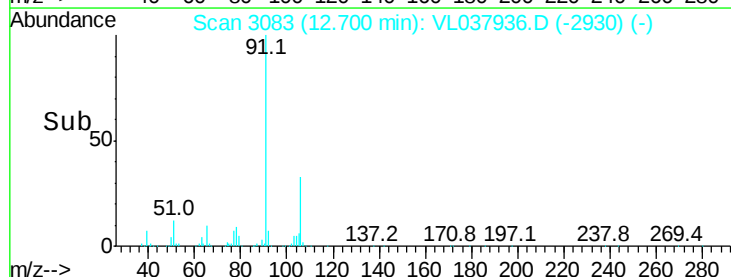
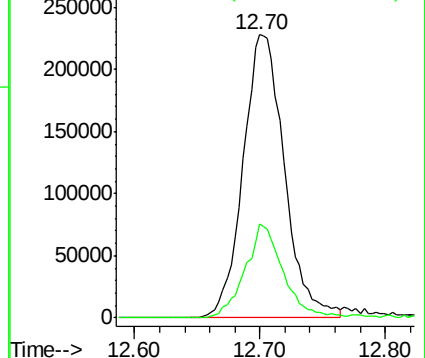
91 100

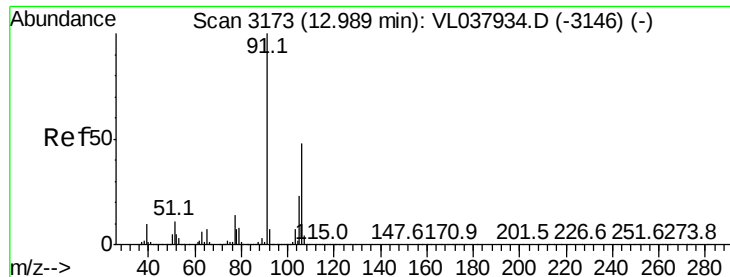
106 33.4 25.1 37.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

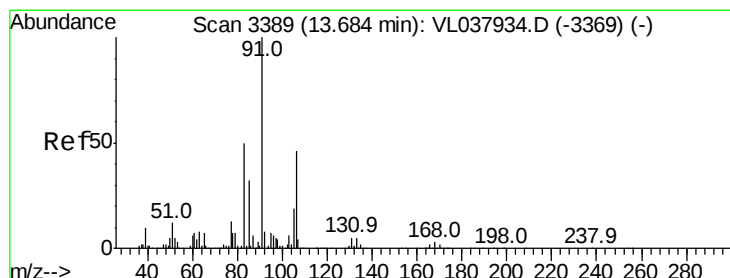
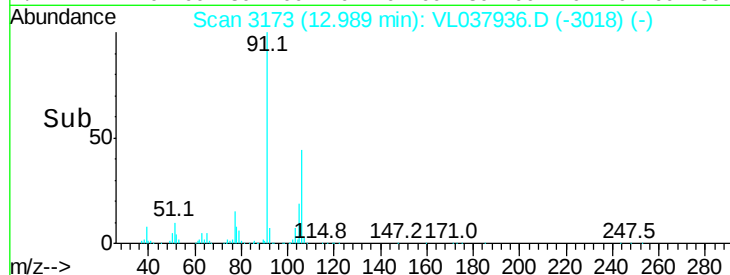
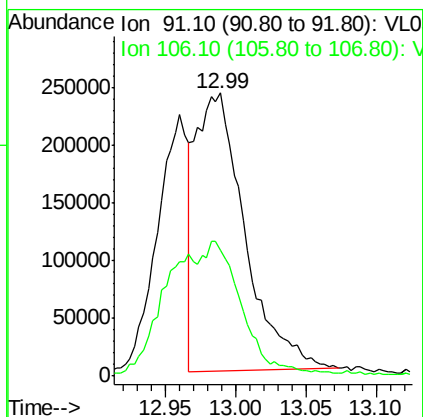
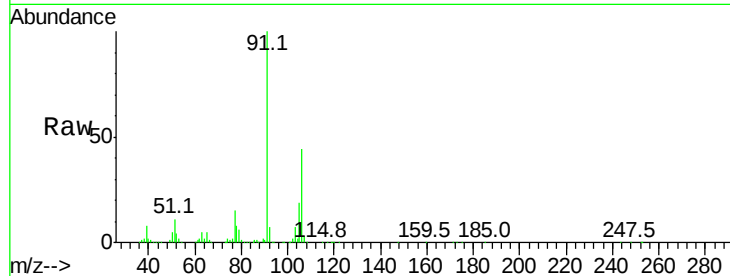
Ion 106.10 (105.80 to 106.80): V





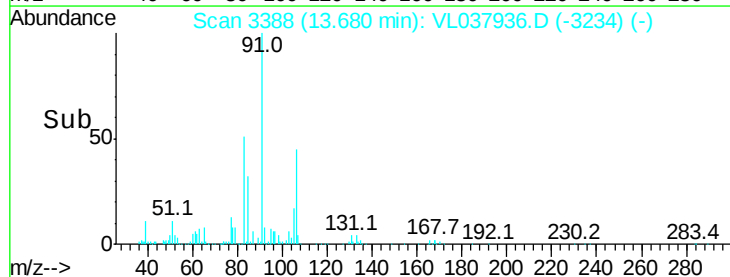
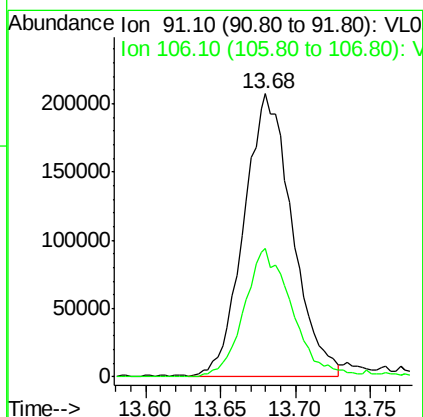
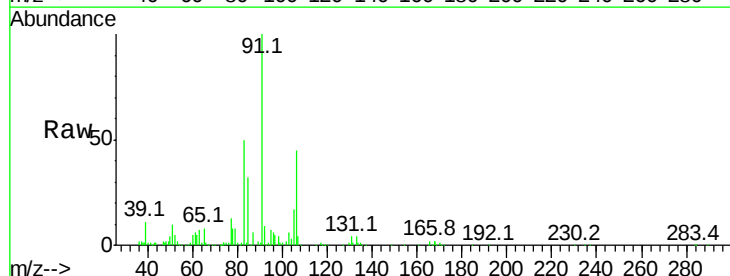
#59
m/p-Xylene
Concen: 1.205 ppbv
RT: 12.99
Delta R.T. MSVOA_1
Lab File: ClientSampleId :
Acq: 1 Nov 2021 10:40

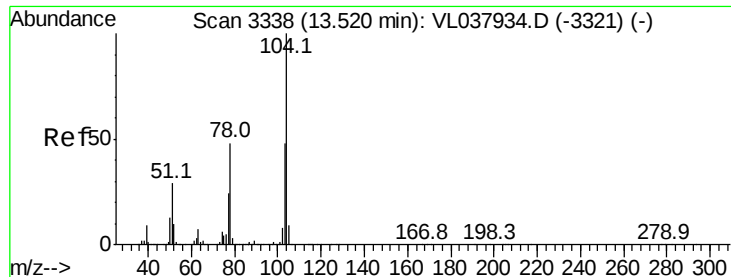
Tgt Ion: 91 Resp: 581925
Ion Ratio Lower Upper
91 100
106 74.3 37.1 55.7#



#60
o-Xylene
Concen: 1.003 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.00 min
Lab File: VL037936.D
Acq: 1 Nov 2021 10:40

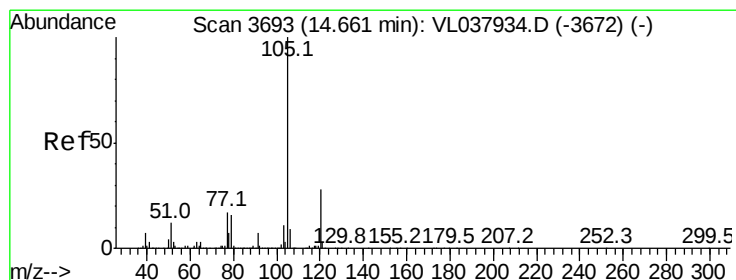
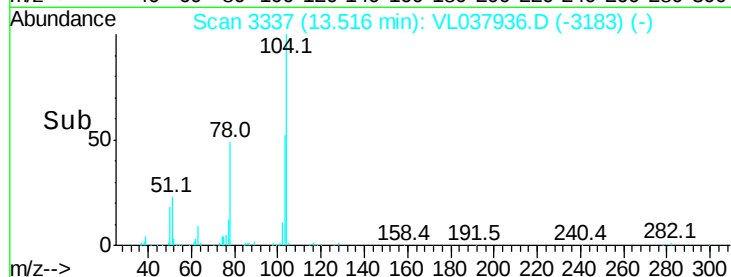
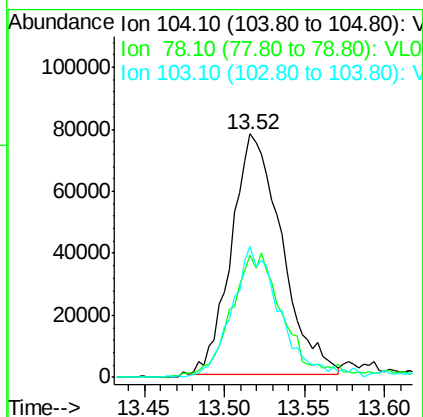
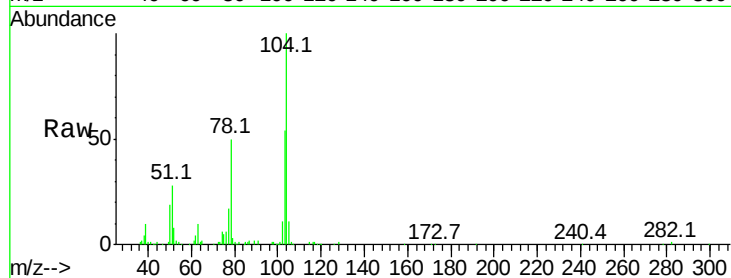
Tgt Ion: 91 Resp: 463946
Ion Ratio Lower Upper
91 100
106 45.5 23.5 70.6





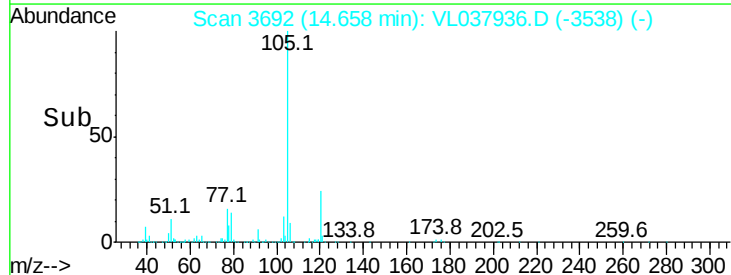
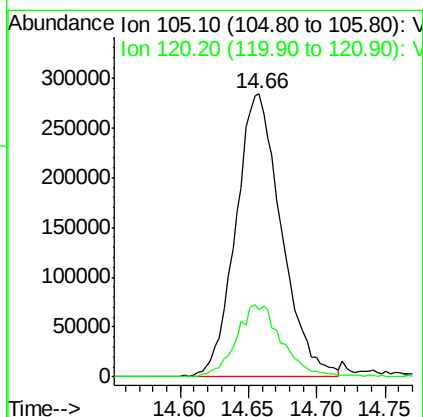
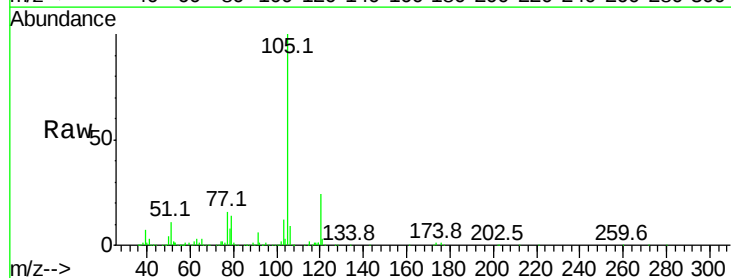
#61
Styrene
Concen: 0.746 ppbv
RT: 13.52
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC001
Acq: 1 Nov 2021 10:40

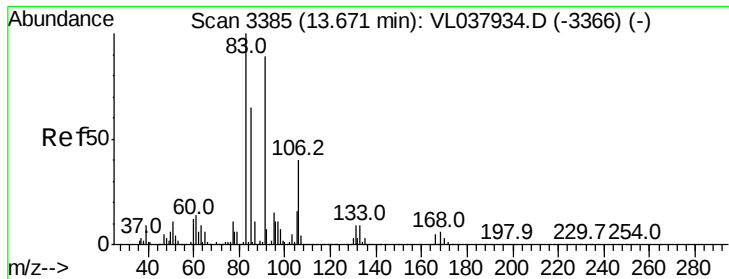
Tgt Ion	Ratio	Lower	Upper
104	100		
78	55.4	39.3	58.9
103	52.3	39.6	59.4



#62
Isopropylbenzene
Concen: 1.010 ppbv
RT: 14.66 min Scan# 3692
Delta R.T.: -0.00 min
Lab File: VL037936.D
Acq: 1 Nov 2021 10:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.8	32.6





#63

1,1,2,2-Tetrachloroethane

Concen: 1.031 ppbv

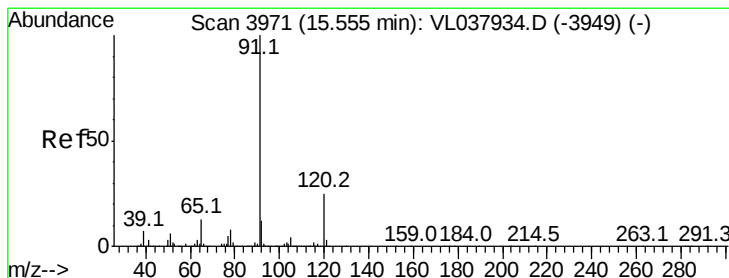
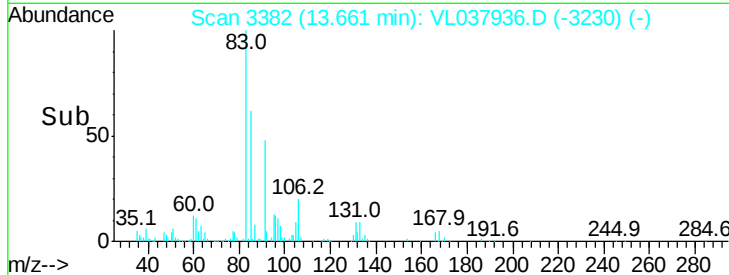
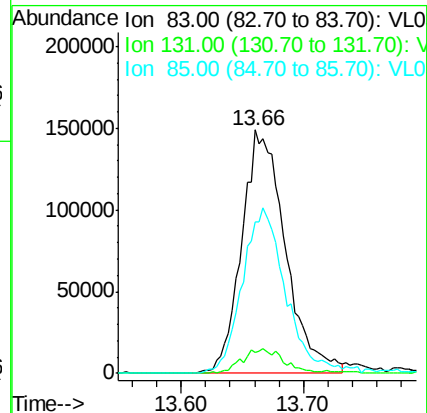
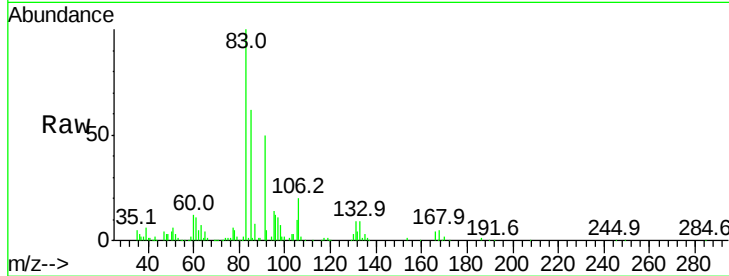
RT: 13.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Nov 2021 10:40

Tgt Ion:	83	Resp:	368112
Ion Ratio	Lower	Upper	
83	100		
131	10.1	4.8	14.4
85	67.5	32.5	97.5



#64

n-propylbenzene

Concen: 0.991 ppbv

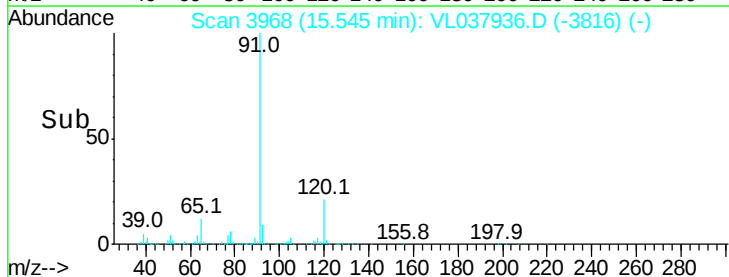
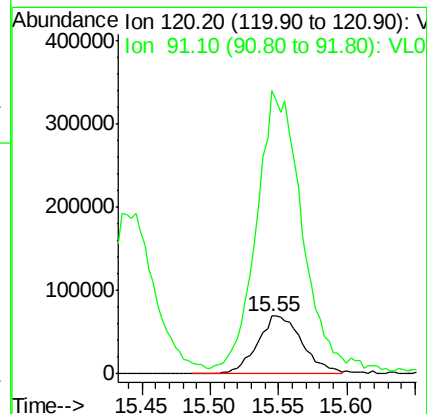
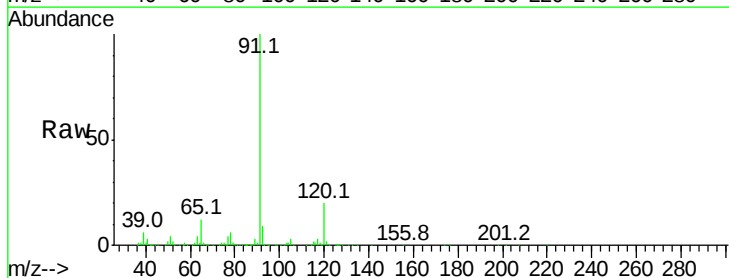
RT: 15.55 min Scan# 3968

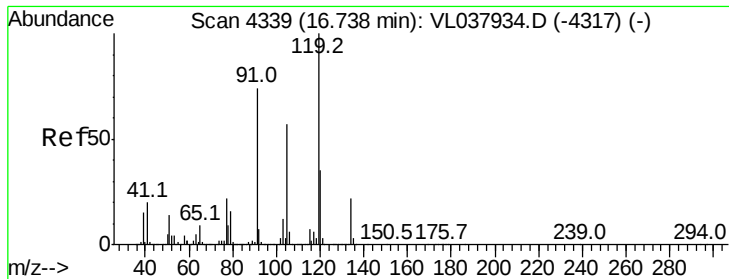
Delta R.T. -0.01 min

Lab File: VL037936.D

Acq: 1 Nov 2021 10:40

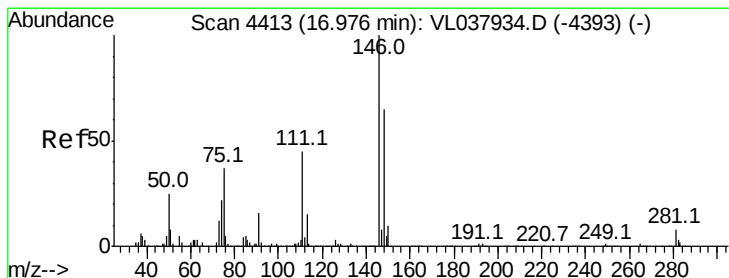
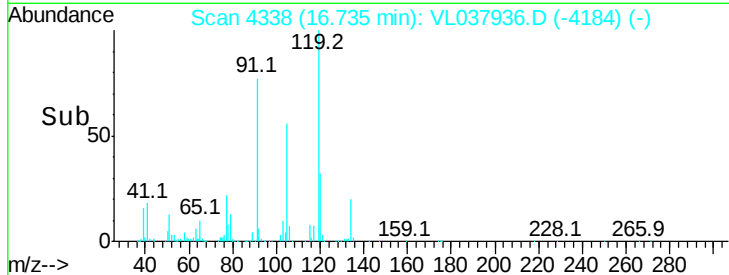
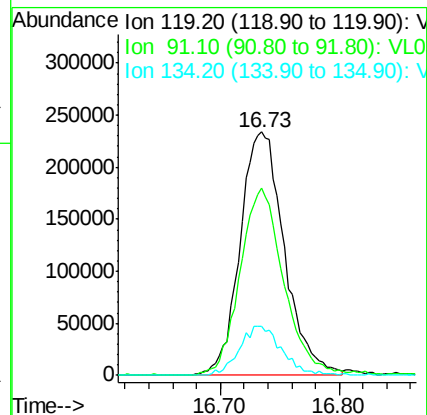
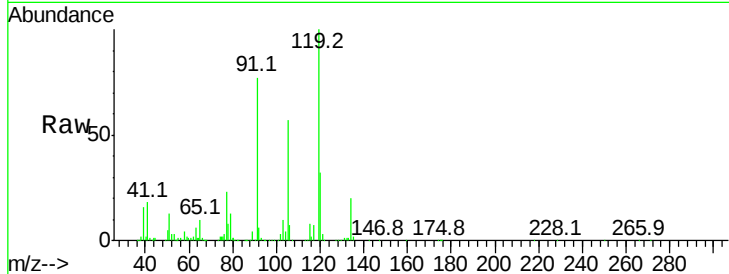
Tgt Ion:	120	Resp:	159568
Ion Ratio	Lower	Upper	
120	100		
91	511.1	363.3	544.9





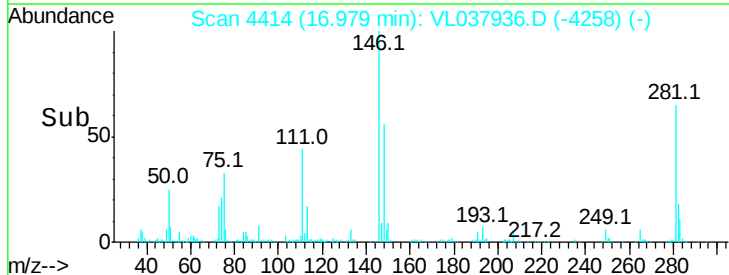
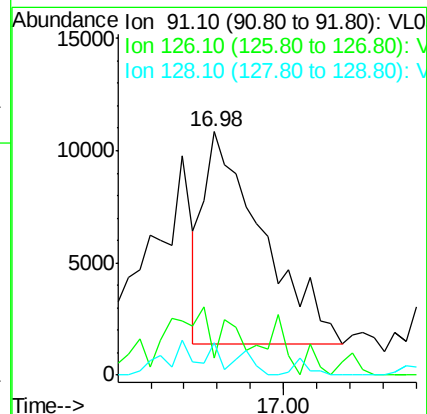
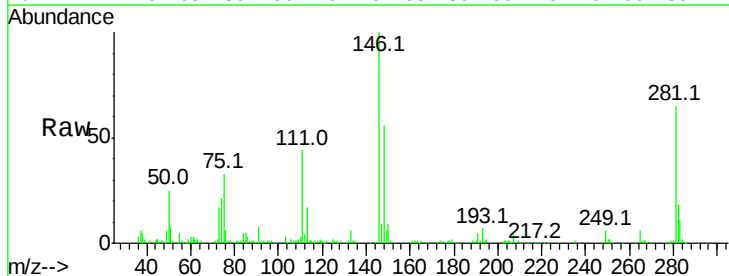
#65
 tert-Butylbenzene
 Concen: 1.054 ppbv
 RT: 16.73 min
 Delta R.T. 0.00 min
 Lab File: VSTDIC001
 Acq: 1 Nov 2021 10:40

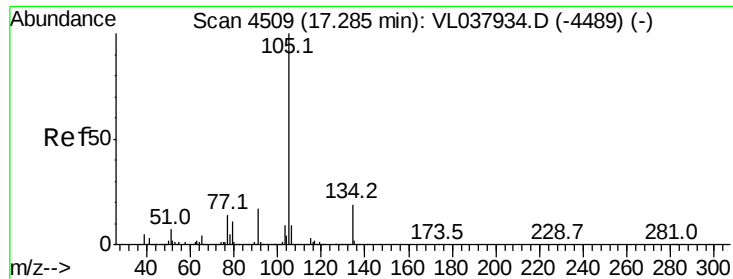
Tgt Ion	Ratio	Lower	Upper
119	100		
91	77.4	61.8	92.6
134	19.9	16.6	25.0



#66
 Benzyl Chloride
 Concen: 0.414 ppbv
 RT: 16.98 min Scan# 4414
 Delta R.T. 0.00 min
 Lab File: VL037936.D
 Acq: 1 Nov 2021 10:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	51.9	13.8	20.6#
128	16.9	5.1	7.7#





#67

sec-Butylbenzene

Concen: 1.037 ppbv

RT: 17.28 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

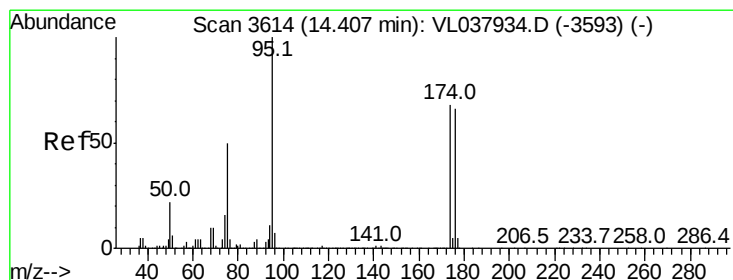
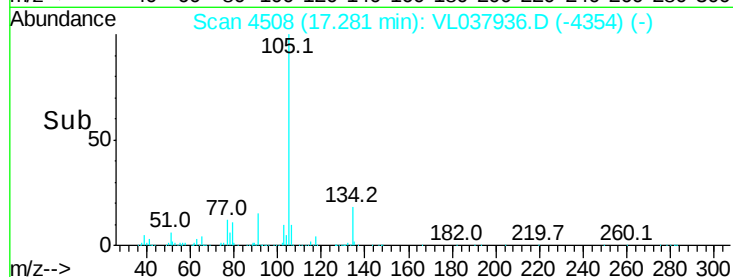
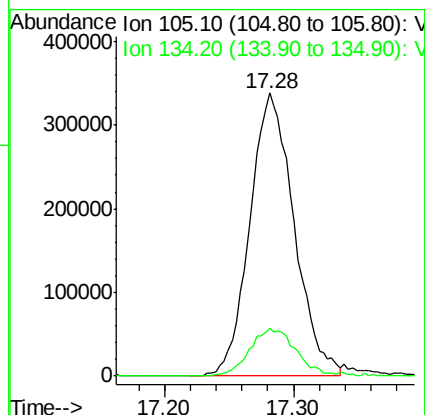
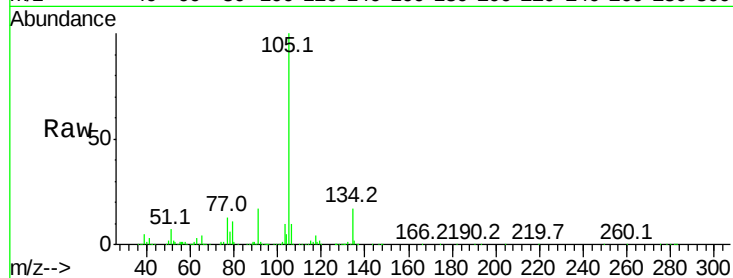
Acq: 1 Nov 2021 10:40

Tgt Ion: 105 Resp: 805233

Ion Ratio Lower Upper

105 100

134 17.9 15.4 23.0



#68

1-Bromo-4-Fluorobenzene

Concen: 10.181 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. -0.00 min

Lab File: VL037936.D

Acq: 1 Nov 2021 10:40

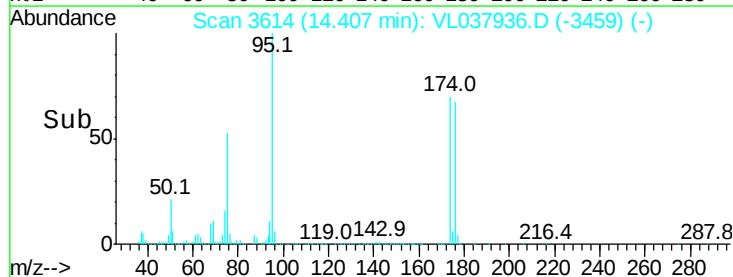
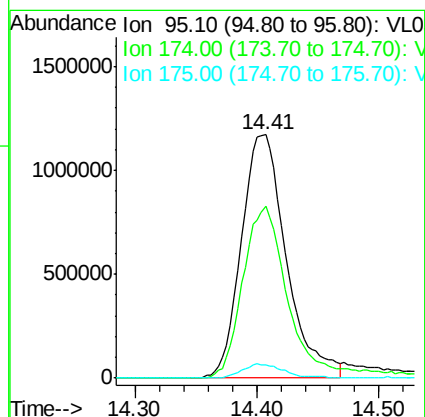
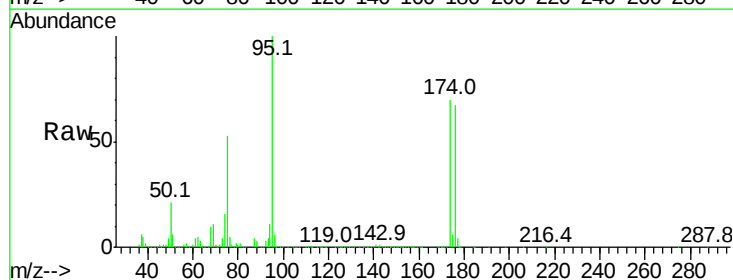
Tgt Ion: 95 Resp: 2982618

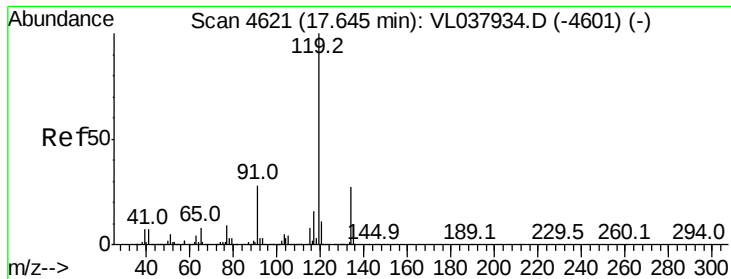
Ion Ratio Lower Upper

95 100

174 74.8 58.3 87.5

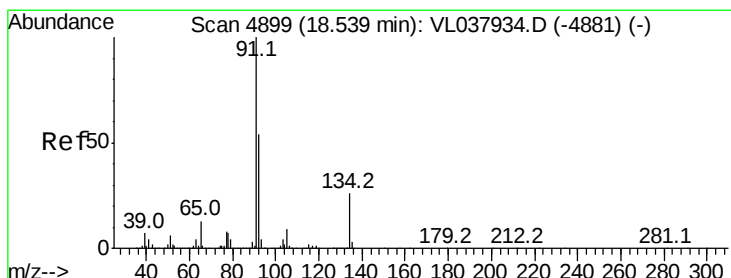
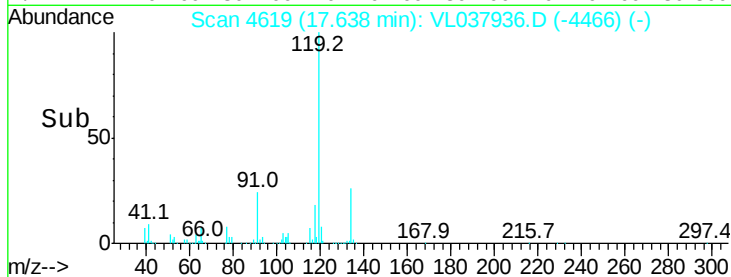
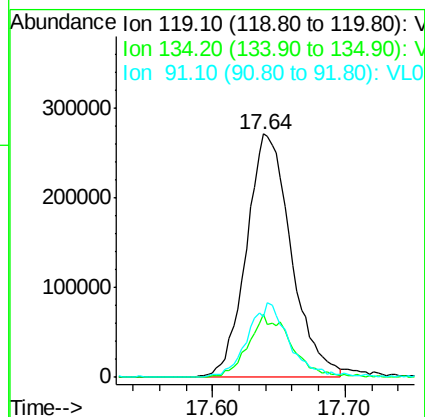
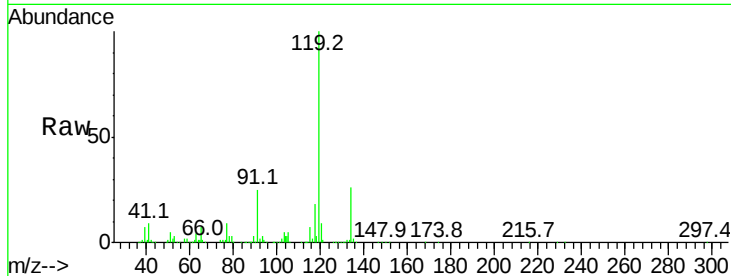
175 5.7 4.6 6.8





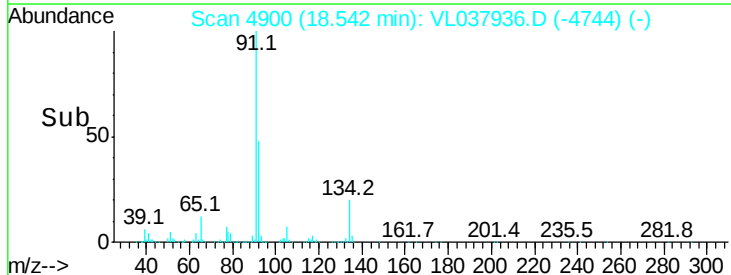
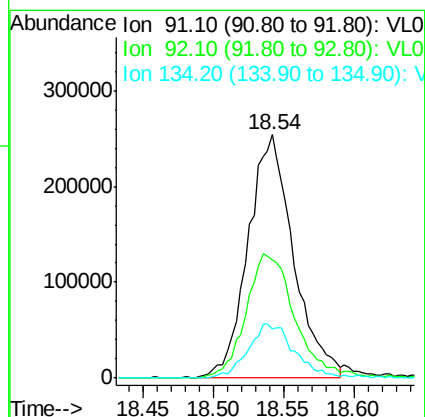
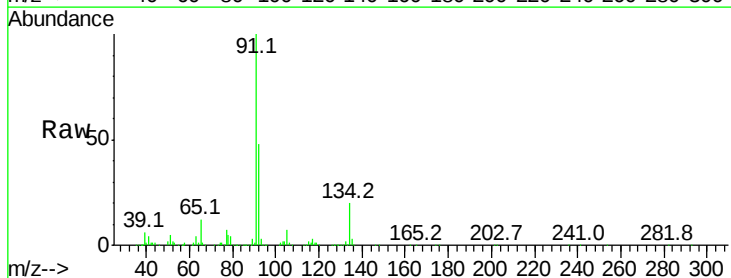
#69
 p-Isopropyltoluene
 Concen: 1.012 ppbv
 RT: 17.64 min
 Delta R.T.: 0.00 min
 Lab File: VL037936.D
 Acq: 1 Nov 2021 10:40

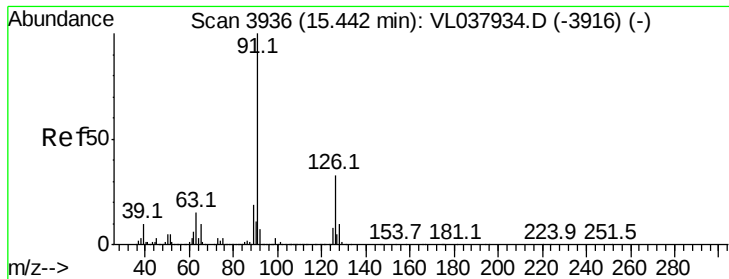
Tgt Ion:	119	Resp:	635509
Ion Ratio	Lower	Upper	
119	100		
134	25.2	21.0	31.4
91	28.7	21.8	32.8



#70
 n-Butylbenzene
 Concen: 0.951 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T.: 0.00 min
 Lab File: VL037936.D
 Acq: 1 Nov 2021 10:40

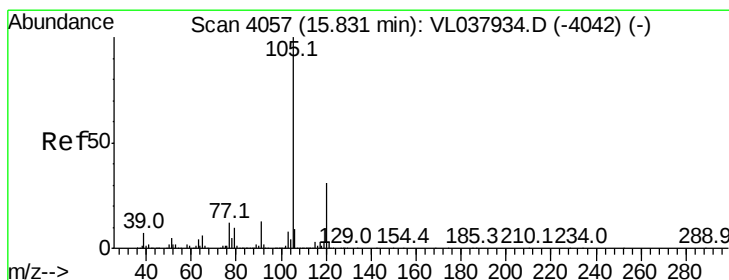
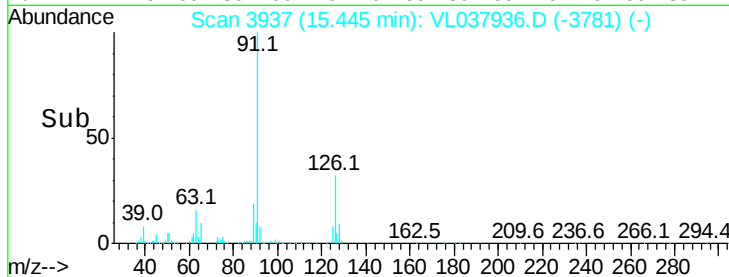
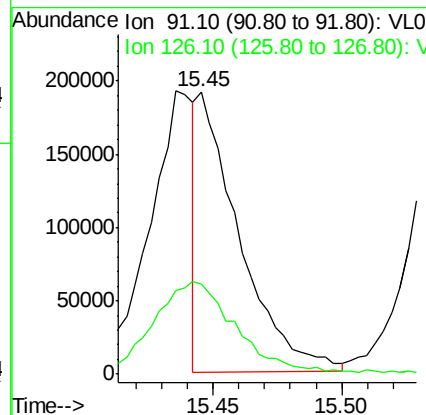
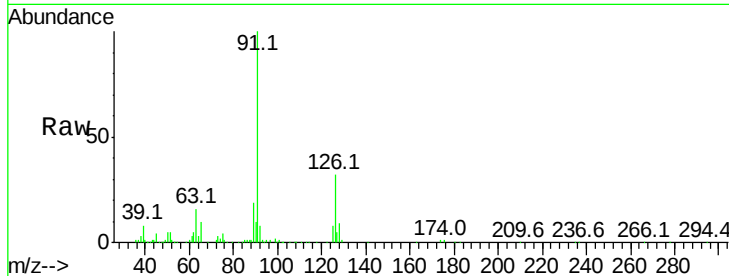
Tgt Ion:	91	Resp:	567662
Ion Ratio	Lower	Upper	
91	100		
92	56.8	43.6	65.4
134	23.5	19.8	29.6





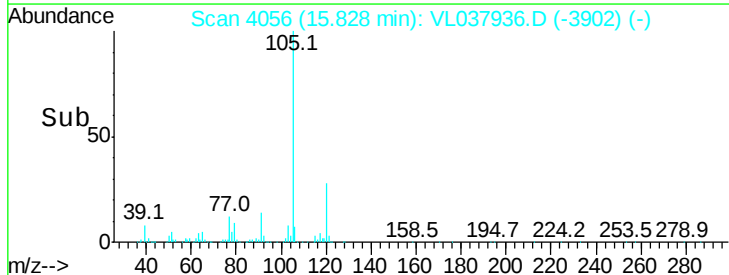
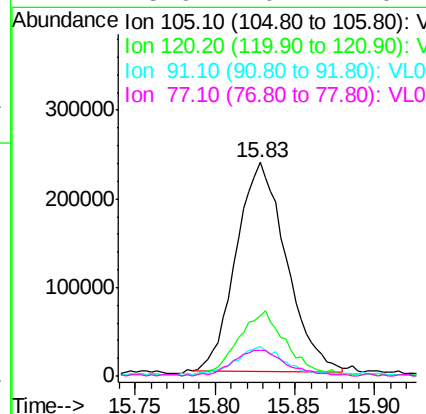
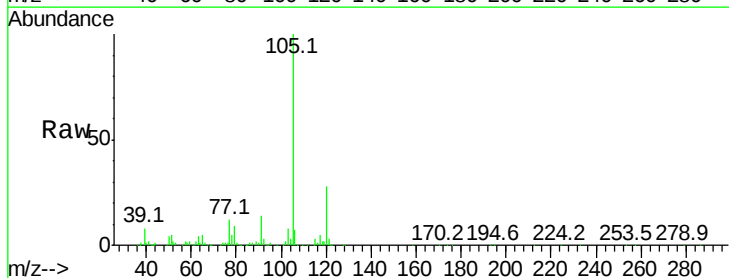
#71
 2-Chlorotoluene
 Concen: 0.469 ppbv
 RT: 15.45 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId : VSTDIC001
 Acq: 1 Nov 2021 10:40

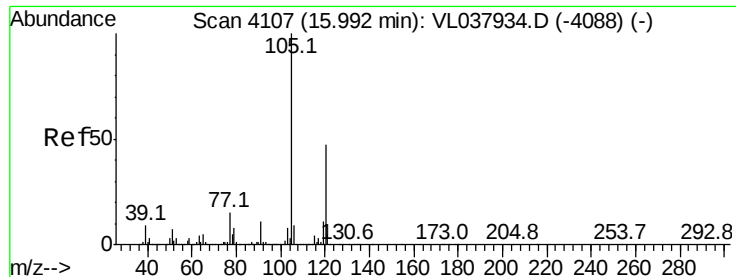
Tgt Ion: 91 Resp: 213638
 Ion Ratio Lower Upper
 91 100
 126 69.6 13.3 53.3#



#72
 4-Ethyltoluene
 Concen: 0.959 ppbv
 RT: 15.83 min Scan# 4056
 Delta R.T. -0.00 min
 Lab File: VL037936.D
 Acq: 1 Nov 2021 10:40

Tgt Ion: 105 Resp: 503639
 Ion Ratio Lower Upper
 105 100
 120 31.3 25.3 37.9
 91 13.1 9.9 14.9
 77 13.9 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 1.009 ppbv

RT: 15.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

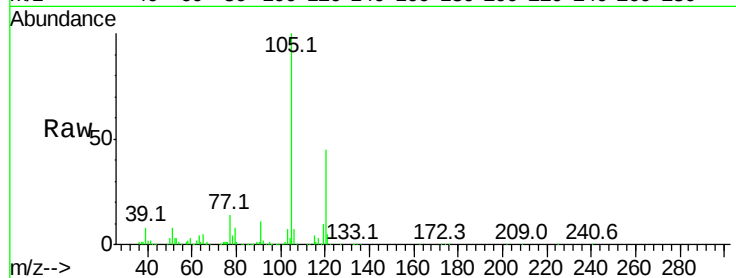
Acq: 1 Nov 2021 10:40

Tgt Ion:105 Resp: 481448

Ion Ratio Lower Upper

105 100

120 45.3 37.9 56.9



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

15.99

200000

150000

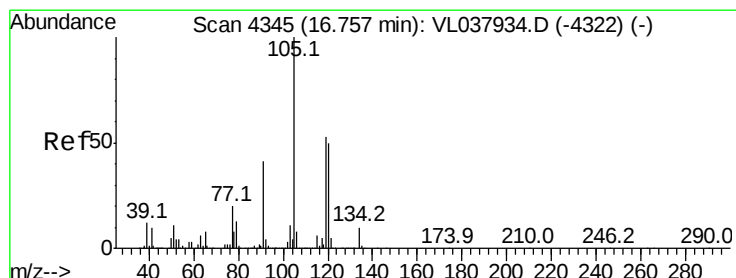
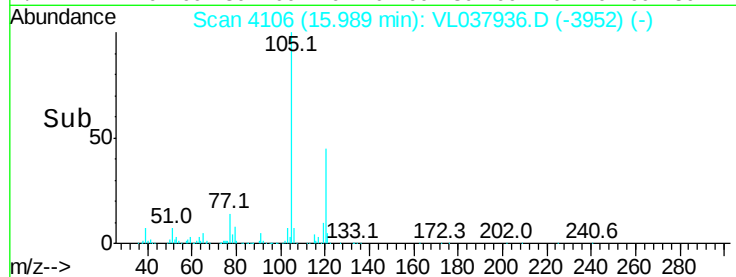
100000

50000

0

Time-->

15.90 15.95 16.00 16.05



#74

1,2,4-Trimethylbenzene

Concen: 1.046 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. -0.01 min

Lab File: VL037936.D

Acq: 1 Nov 2021 10:40

Tgt Ion:105 Resp: 524234

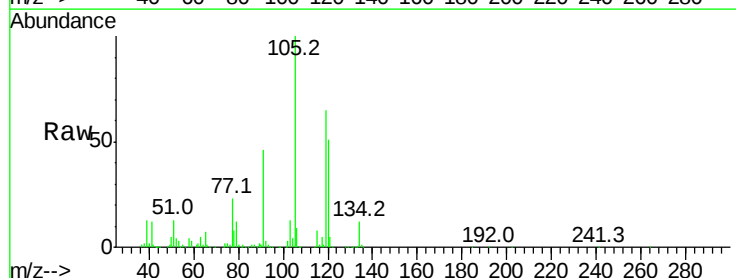
Ion Ratio Lower Upper

105 100

120 50.3 40.0 60.0

91 43.7 32.6 49.0

77 22.4 15.8 23.8



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

300000

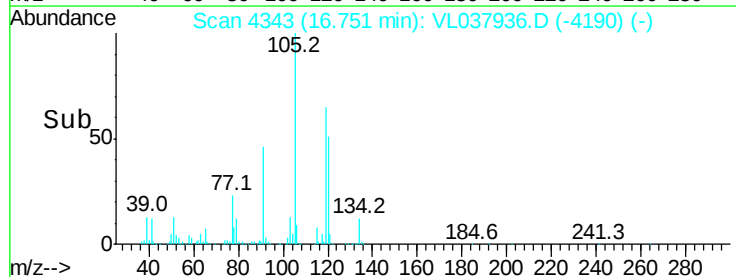
200000

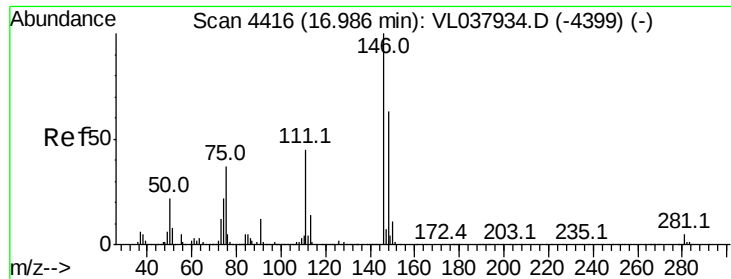
100000

0

Time-->

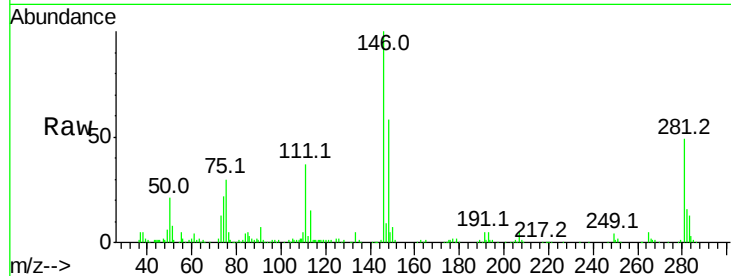
16.65 16.70 16.75 16.80



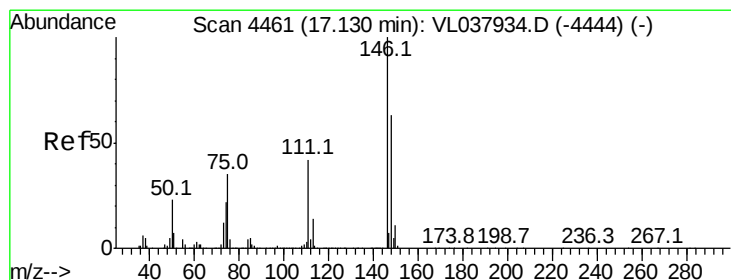
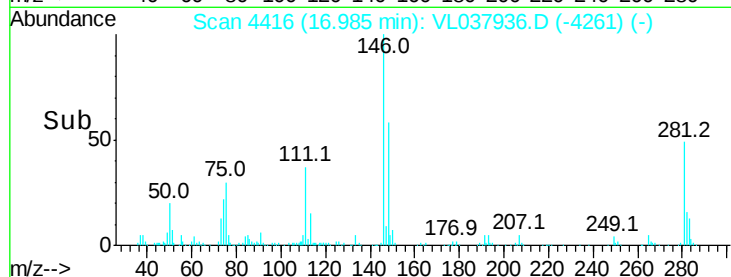
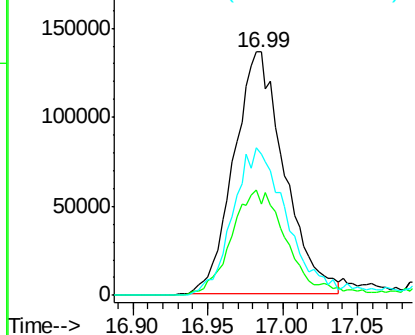


#75
 1,3-Dichlorobenzene
 Concen: 1.028 ppbv
 RT: 16.99
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC001
 Acq: 1 Nov 2021 10:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.3	22.7	68.1
148	66.6	32.4	97.0

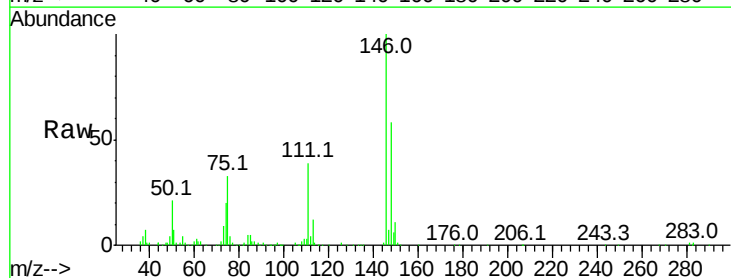


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

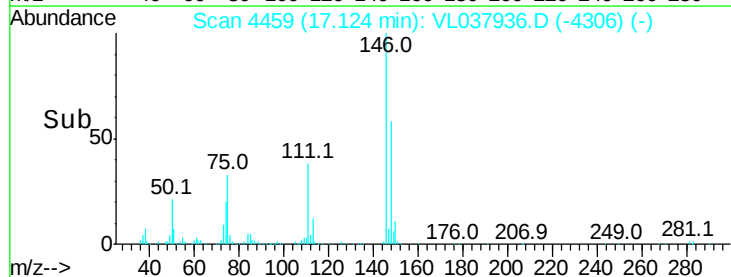
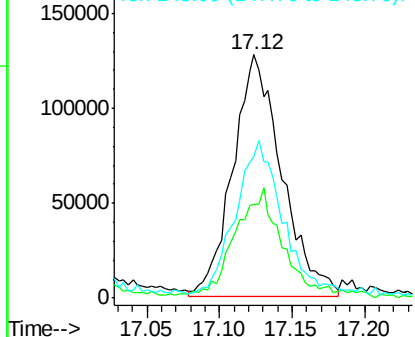


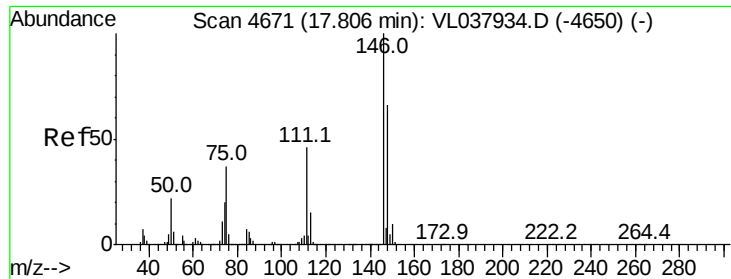
#76
 1,4-Dichlorobenzene
 Concen: 1.007 ppbv
 RT: 17.12 min Scan# 4459
 Delta R.T. -0.01 min
 Lab File: VL037936.D
 Acq: 1 Nov 2021 10:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.6	22.7	68.1
148	70.2	33.5	100.4



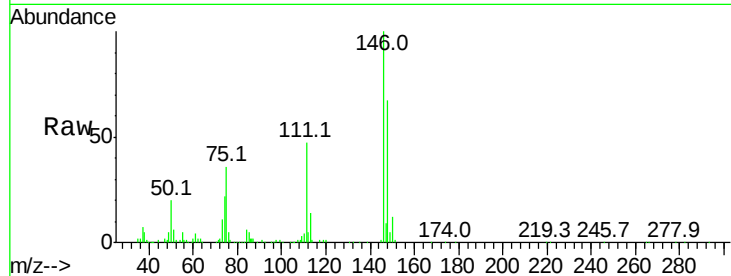
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V





#77
 1,2-Dichlorobenzene
 Concen: 0.994 ppbv
 RT: 17.81
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 1 Nov 2021 10:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.6	23.4	70.2
148	70.9	32.6	97.7

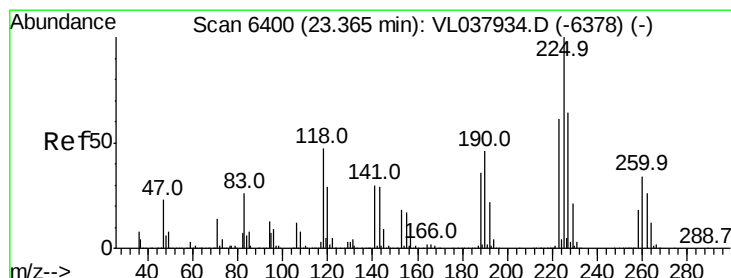
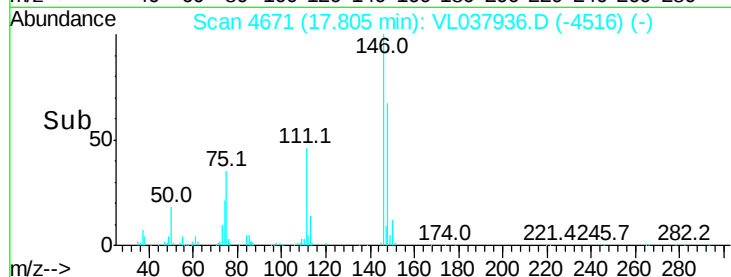
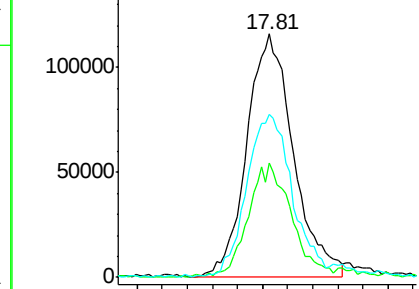


Abundance

Ion 146.00 (145.70 to 146.70): V

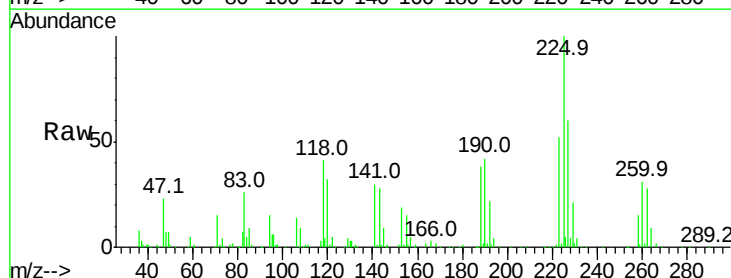
Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78
 Hexachloro-1,3-Butadiene
 Concen: 1.118 ppbv
 RT: 23.36 min Scan# 6399
 Delta R.T. -0.00 min
 Lab File: VL037936.D
 Acq: 1 Nov 2021 10:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.0	75.0
227	64.7	51.5	77.3

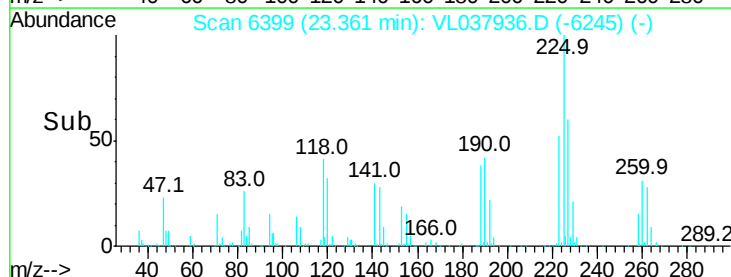
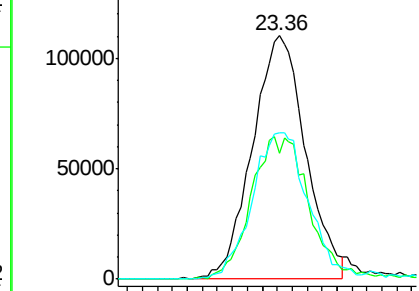


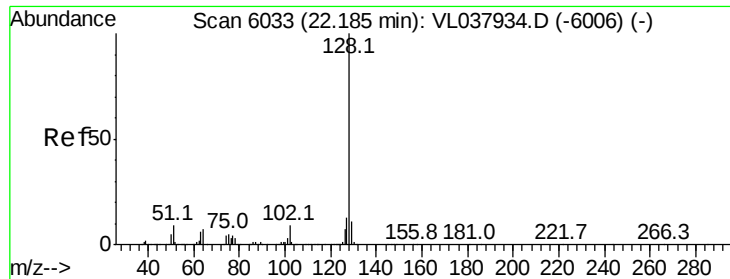
Abundance

Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 0.442 ppbv

RT: 22.18

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 1 Nov 2021 10:40

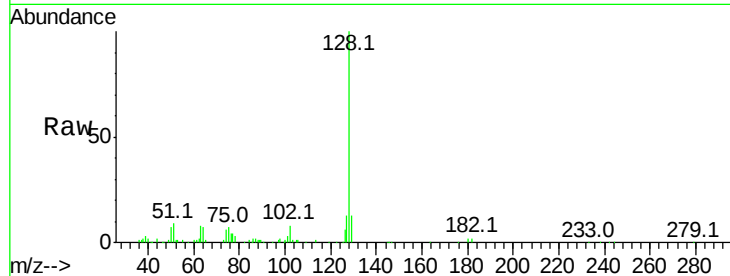
Tgt Ion:128 Resp: 135653

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

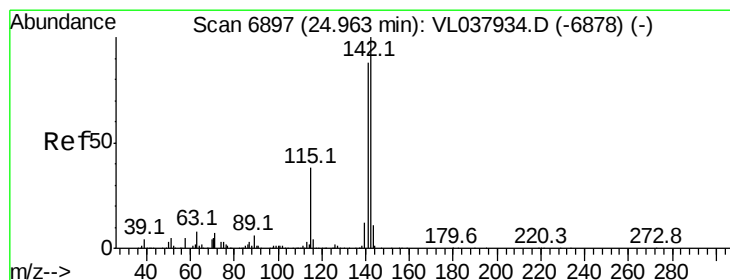
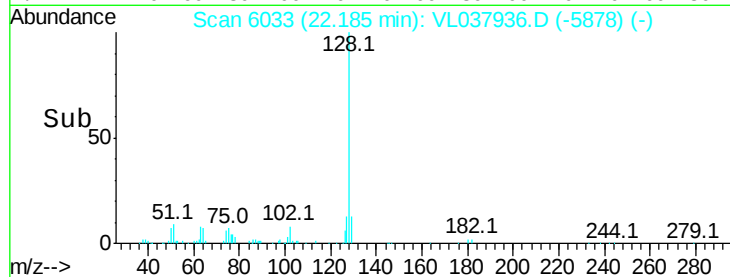
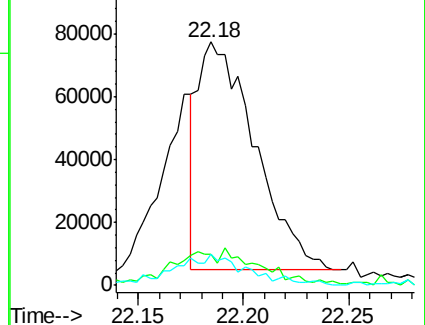
129 13.8 9.0 13.4#



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



#80

Naphthalene, 2-methyl-

Concen: 0.037 ppbv

RT: 25.07 min Scan# 6931

Delta R.T. 0.11 min

Lab File: VL037936.D

Acq: 1 Nov 2021 10:40

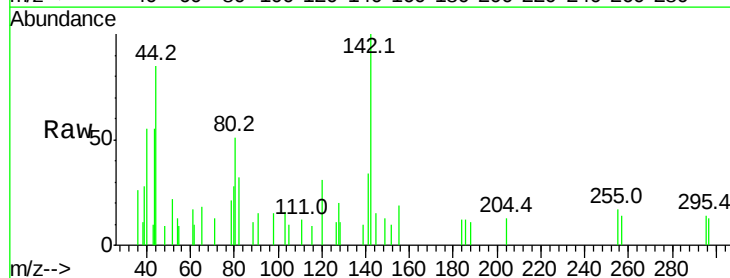
Tgt Ion:142 Resp: 3035

Ion Ratio Lower Upper

142 100

141 75.3 66.4 99.6

115 41.0 29.0 43.4



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

